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2021 Annual Groundwater Monitoring Report

Former Dowell Schlumberger Facility
Artesia, New Mexico
507 East Richey Avenue

Artesia, Eddy County, New Mexico

March 2022

Prepared for:

Schlumberger and DOW

Prepared by:

ch2m

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Dawn Greening
Remediation Manager

Schlumberger Technology Corporation
121 Industrial Boulevard
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March 25, 2022

Mr. Bradford Billings
Environmental Bureau
New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: Former Dowell Schlumberger Facility, 507 East Richey Avenue, Artesia, Eddy County, New Mexico. 2021 Annual Groundwater Monitoring Report

Dear Mr. Billings,

Please find the 2021 Annual Groundwater Monitoring Report for the Former Dowell Schlumberger Facility in Artesia, New Mexico, incident number NAUTOFSC00114.

Contaminants of concern (COCs) are less than New Mexico Water Quality Control Commission (NMWQCC) standards except for 1,1-dichloroethane concentrations in the MW-12 in situ chemical oxidation injection area. To facilitate biodegradation of 1,1-dichloroethane and subsequent concentration decreases, concurrence is requested to inject LactOil, a carbon substrate, in existing injection wells in this area consistent with the Stage II Abatement Plan. Semiannual monitoring of the injection area is proposed to document performance in 2022. Communications regarding submittal of an Underground Injection Control permit will be provided in a separate deliverable.

As of October 2021, concentrations of COCs in the downgradient area of the site are less than NMWQCC standards. If concentrations remain less than standards at offsite downgradient wells in the next sampling event (April 2022), concurrence is requested to shut down the groundwater extraction, treatment, and reinjection system. Groundwater monitoring of COCs will continue to assess the influence of the system shut down.

The report has been split into two submittals to meet size criteria of the New Mexico Oil Conservation Division's document submittal website. The first submittal includes the document text, tables, and figures. The second submittal includes the report appendixes.

Should you have any questions regarding the submittal or requests described above and in the report text please contact me at (318) 393-6480. I can also be reached by email at DGreening@slb.com. I look forward to our continued work with you.

Sincerely,



Dawn Greening
Remediation Manager

Enclosures

c: Chad Hensley/New Mexico Oil Conservation Division
Jim Strunk/Dow Inc.
Monica Schneider/CH2M HILL Engineers, Inc.
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2021 Annual Groundwater Monitoring Report Former Dowell Schlumberger Facility Artesia, New Mexico

507 East Richey Avenue
Artesia, Eddy County, New Mexico

Prepared for

Schlumberger Technology Corporation and Dow Inc.

March 2022

CH2M HILL Engineers, Inc.

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Acronyms and Abbreviations

bgs	below ground surface
CH2M	CH2M HILL Engineers, Inc.
COC	contaminant of concern
CVOC	chlorinated volatile organic compound
1,1-DCA	1,1-dichloroethane
1,1-DCE	1,1-dichloroethene
Dowell	Dowell Schlumberger Incorporated, a defunct joint venture between Schlumberger Technology Corporation and The Dow Chemical Company
EW	extraction well
GAC	granular activated carbon
gpm	gallon(s) per minute
IJ	injection well
IP	injection point
ISCO	in situ chemical oxidation
mg/L	milligram(s) per liter
MW	monitoring well
NMOCD	New Mexico Oil Conservation Division
NMOSE	New Mexico Office of the State Engineer
NMWQCC	New Mexico Water Quality Control Commission
PCE	tetrachloroethene
PVC	polyvinyl chloride
site	Former Dowell Schlumberger Facility, Artesia, New Mexico
STC	Schlumberger Technology Corporation
SVE	soil vapor extraction
USEPA	U.S. Environmental Protection Agency
UST	underground storage tank
VOC	volatile organic compound

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SECTION 1

Introduction

CH2M HILL Engineers, Inc. (CH2M) completed the annual groundwater monitoring and ongoing remediation activities at the Former Dowell Schlumberger Facility (site) located at 507 East Richey Avenue, Artesia, Eddy County, New Mexico. Dowell Schlumberger Incorporated (Dowell) is a defunct joint venture between Schlumberger Technology Corporation (STC) and The Dow Chemical Company (now Dow Inc.). The site was regulated by the New Mexico Oil Conservation Division (NMOCD) under Discharge Permit GW-114 until August 2019, when the Stage I and Stage II Abatement Plan (CH2M 2017a) was approved by the NMOCD. Figure 1-1 shows the site location, and Figure 1-2 shows the site plan.

The following site activities were completed in accordance with the Stage II Abatement Plan (CH2M 2017a) and the Abatement Plan addendum (CH2M 2019a):

- Monitor concentrations of site contaminants of concern (COCs) in groundwater to assess the performance of implemented remedial actions.
  - Conduct semiannual groundwater monitoring to assess COC concentrations onsite in the downgradient plume and the performance of the groundwater extraction, treatment, and reinjection system.
  - Conduct semiannual groundwater monitoring to assess 1,1-dichloroethene (1,1-DCE) and tetrachloroethene (PCE) offsite.
  - Conduct quarterly groundwater monitoring to assess COC concentrations in the in situ chemical oxidation (ISCO) injection area and to evaluate the performance of ISCO in decreasing COC concentrations.

This report documents the groundwater monitoring, describes ongoing remediation activities and sampling results, and presents recommendations for future activities.

SECTION 2

Site Background

This section provides an overview of the site background, history of operations, and geology and hydrogeology.

2.1 Site Description and History

The site was used as an oilfield services facility operated by Dowell between 1969 and 1990 and in the early 2000s. Underground storage tanks (USTs) and the acid plant have been decommissioned and removed, but the office, maintenance, and storage buildings remain at the site (Figure 1-2). Operations at the site restarted in October 2018, and the site is currently in use for concrete-blending activities. The remaining property outside the former oilfield services facility fence line is undeveloped, other than for limited environmental-related infrastructure and an electrical transmission line owned by others.

During the early 1990s, the NMOCD assumed responsibility for regulatory oversight of the site. In 1995, a chlorinated volatile organic compound (CVOC) groundwater plume was identified near the Former Wash Bay.

Key remedial responses were as follows:

- Removal of fuel-related volatile organic compounds (VOCs) and CVOCs from site groundwater and soil surrounding the former USTs, Former Wash Bay, and Former Acid Plant (Figure 1-2) via excavation and installation and operation of soil vapor extraction (SVE) systems in the early 1990s. The SVE systems effectively removed fuel-related VOCs within the vadose zone in former USTs and the Former Wash Bay. The SVE system at the former USTs was decommissioned in the early 2000s (Western Water Consultants, Inc. 2004). The former Wash Bay SVE system was decommissioned in 2014 after a soil investigation found no fuel-related VOCs or CVOCs in site soils above New Mexico Environment Department regional soil screening levels (CH2M 2014).
- Injection of zero-valent iron in the downgradient portions of the CVOC groundwater plume between 2001 and 2002, which was difficult to inject, had inconsistent distribution, and resulted in minimal CVOC concentration reduction.
- Installation and operation of a groundwater extraction and treatment system that extracts groundwater, provides treatment via granular activated carbon (GAC), and then discharges into the ground by gravity at the subsurface infiltration gallery, which is approximately 230 yards upgradient, adjacent to MW-31. The groundwater extraction and treatment system has been operational from December 2008 (Duell Environmental, LLC 2009) through the present and was upgraded in 2015 to add extraction well EW-03 (CH2M 2016) and in 2017 to add EW-04 (CH2M 2018) near the downgradient end of the plume (defined by MW-28, MW-29, and MW-30). System optimization was initiated in 2019 to increase extraction rates at EW-03 and EW-04 and terminate extraction from wells EW-01 and EW-02 (CH2M 2020).
- Injection of sodium permanganate into 8 injection wells (IJ-1 through IJ-8; Figure 1-2) 20 feet upgradient of MW-25 (CH2M 2015) to use ISCO to accelerate CVOC destruction at the site in 2014.
- Injection of sodium and potassium persulfate in 2017 (Phase I) and 2019 (Phase II) to reduce residual CVOC and petroleum hydrocarbon concentrations around the former SVE systems area, identified in 2016 (CH2M 2017b), to less than their respective New Mexico Water Quality Control Commission (NMWQCC) standards. Figure 1-2 presents the 2017 Phase I injection points (IP-1 through IP-6) and the 2019 Phase II injection wells (IJ-9 through IJ-20).

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On July 9, 2019, STC, CH2M, and the NMOCD met for a site status update, at which time the Stage I and Stage II Abatement Plan (CH2M 2017a) was revisited, and the current addendum was presented (as summarized in the meeting notes [CH2M 2019a]). NMOCD subsequently approved the Stage I and Stage II Abatement Plan and current addendum and the proposed revisions to the monitoring network on August 14, 2019 (Appendix A). In accordance with Title 19, Chapter 15, Part 30, Section 10 of the *New Mexico Administrative Code* (2002), the abatement standards that will continue to be used will be those presented in the Stage I and II Abatement Plan (CH2M 2017a).

2.2 Geology and Hydrogeology

Regional geology and hydrogeology are described in the Stage I Abatement Plan (CH2M 2017a) and were confirmed during recent well installation, described in Section 3.4. Sitewide lithology consists of fine-grained silts and lean to fat clays with intermittent stringers of caliche from 15 to 30 feet below ground surface (bgs; CH2M 2017b). Groundwater at the site is partially confined and has been observed in the caliche stringers at depths from 20 to 30 feet bgs. Static water levels range between 14 and 24 feet bgs at the site, and groundwater flow direction is generally to the north-northeast.

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SECTION 3

2021 Site Activities

The following activities occurred at the site during 2021:

- Collection of semiannual groundwater samples and depth-to-water measurements
- Collection of quarterly performance monitoring groundwater samples in the ISCO injection area (Figure 1-2)
- Continued operations and maintenance of the groundwater extraction and treatment system, replacement of the GAC, and rehabilitation of EW-03 and EW-04
- Abandonment of groundwater monitoring well MW-33 as approved by NMOCD in September 2020
- Installation of two permanent offsite groundwater monitoring wells to monitor the downgradient groundwater plume extent

3.1 Abandonment of MW-33

NMOCD received and approved the request to abandon MW-33 (Bradford Billings/NMOCD 2020, Appendix A) in September 2020. After obtaining a one-time access agreement from the property owner, a Well Plugging Plan of Operations (Appendix C) was submitted to the New Mexico Office of the State Engineer (NMOSE) requesting permission to abandon MW-33. NMOSE granted permission to abandon MW-33 on March 29, 2021.

MW-33 abandonment was completed in May 2021 by following procedures outlined by the NMOSE in the approval of the Well Plugging Plan of Operations. It was completed by pressure grouting a 95 percent Portland cement and 5 percent sodium bentonite mixture with a tremie pipe from the bottom of the well screen to the top of the well casing. The surface completion was completely removed and disposed of as general construction debris.

3.2 Installation of Downgradient Monitoring Wells

Installation of the offsite monitoring wells to monitor the downgradient plume extent included the following components:

- Submittal and approval of well installation permits
- Utility clearances
- Drilling and installation of permanent groundwater monitoring wells by rotosonic drilling
- Groundwater sampling
- Waste management

3.2.1 Well Installation Permits

Well permit applications for nonconsumptive use of water were submitted to NMOSE because permanent monitoring wells were advanced below the water table. NMOSE approved the well permit applications on August 19, 2021. Appendix C contains permits.

3.2.2 Utility Clearances

Before drilling activities began, soil boring locations were staked, a New Mexico 811 ticket was initiated, and a third-party utility-locating service used ground-penetrating radar to clear utilities within 10 feet of each well location.

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3.2.3 Drilling, Well Construction, and Development

Talon/LPE, a New Mexico-licensed driller, mobilized to the site for drilling and installation of MW-39 and MW-40 on September 7, 2021. Figure 1-2 shows the well locations. Boreholes were advanced to 35 feet bgs with a Geoprobe 8150LS rotosonic drilling rig with a 6-inch-outside-diameter drill rod and continuous coring methods. Soil was lithologically logged in accordance with the Unified Soil Classification System, and soil boring logs are included in Appendix D. Groundwater was observed in soil cores at approximately 21 feet bgs.

MW-39 and MW-40 were installed to 26.5 and 28.75 feet bgs, respectively. Boreholes were backfilled with bentonite chips from 35 feet bgs to the total depth of the well. The monitoring wells were constructed of flush-threaded, 2-inch-diameter Schedule 40 polyvinyl chloride (PVC) blank casing, bottom cap, and PVC screen. The monitoring wells were screened from 16.5 to 26.5 and 18.75 to 28.75 feet bgs at MW-39 and MW-40, respectively, with a 0.010-inch mill slot screen. Well completion details, including annular materials, are presented on the well completion diagrams included in Appendix D.

After monitoring well installation, well development commenced by surging the well screen with a surge block, followed by bailing out the fine-grained sediment that entered the well screen during the surging step. Finally, a submersible pump was placed into the monitoring well and pumped until the water's turbidity began to decrease (MW-39) or the well was dry (MW-40). Groundwater recharge at MW-40 was too slow to allow for continuous purging; instead, the monitoring well was purged dry three times.

3.2.4 Baseline Groundwater Sampling

After installation and development of MW-39 and MW-40, groundwater samples were collected in September using HydraSleeves with a new tether for each new monitoring well. A groundwater sample was also collected from MW-35 to provide synchronous upgradient COC concentrations. Groundwater samples were placed immediately in a cooler on ice and were shipped to Eurofins in Stafford, Texas, for analysis of 1,1-DCE and PCE using USEPA Method SW846-8260.

3.2.5 Well Surveying

During the October 2021 semiannual sampling event, a New Mexico-licensed surveyor mobilized to the site to survey MW-39 and MW-40. Additionally, existing site monitoring and extraction wells were resurveyed to verify previous survey data. Horizontal coordinates were surveyed in U.S. Survey Feet New Mexico State Plane East. Orthometric heights for wells surveyed were measured by level looping from a temporary benchmark established onsite.

3.3 Groundwater Monitoring Activities

Semiannual groundwater samples were collected at the site in April and October. A portion of the semiannual groundwater sampling locations (MW-11, MW-12, MW-17C, MW-36, MW-37, and MW-38) also serve to monitor the ISCO performance quarterly.

3.3.1 Semiannual Groundwater Monitoring

Depth to water was measured at 21 site monitoring wells in April and at 23 site monitoring wells in October 2021 (Table 3-1). Additional site monitoring wells were measured in October 2021; two permanent offsite downgradient groundwater monitoring wells were installed in September.

Groundwater samples were collected from the semiannual monitoring wells (Table 3-1) using HydraSleeves and submitted for laboratory analysis of 1,1-DCE, 1,1-dichloroethane (1,1-DCA), naphthalene, benzene, and PCE by U.S. Environmental Protection Agency (USEPA) SW-846 Method

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8260B, except MW-35 and newly installed MW-39 and MW-40. Groundwater samples from MW-35, MW-39, and MW-40 were submitted for laboratory analysis of 1,1-DCE and PCE, the offsite COCs.

3.3.2 Phase II Performance Monitoring – ISCO Injection Area

Performance monitoring groundwater samples were collected quarterly in the ISCO injection area (Table 3-1) using low-flow methods in accordance with USEPA low-flow sampling guidance (USEPA 2002). Groundwater samples were collected from MW-11, MW-12, MW-17C, MW-36, MW-37, and MW-38 and submitted for laboratory analysis of 1,1-DCE, 1,1-DCA, naphthalene, benzene, and PCE by USEPA Method 8260B. As a condition of NMOCD Discharge Permit Amendment Approval to inject sodium persulfate and potassium persulfate at the site (Appendix A), groundwater samples were also collected and submitted for laboratory analysis of sulfate by USEPA Method 300.0.

Before groundwater was sampled, depth to water was measured, and wells were purged with a peristaltic pump. Field parameters (temperature, pH, conductivity, turbidity, dissolved oxygen, and oxidation-reduction potential) were measured and recorded during purging activities. Appendix B contains performance monitoring field data sheets.

3.4 Groundwater Extraction and Treatment Operations

Groundwater extraction and treatment system operations included the following components:

- Operation of groundwater extraction and treatment system
- Collection of GAC performance monitoring samples
- Documentation of the flow rates from the extraction wells and the combined outflow
- Quarterly system inspections and maintenance
- Extraction well rehabilitation

3.4.1 Groundwater Extraction and Treatment System Operation

The groundwater extraction and treatment system operated continuously in 2021, excluding downtimes due to maintenance and power outages. Daily emails were received from the onboard telemetry that reported flow rates, system pressure, total gallons through the system, and upset conditions.

The groundwater extraction and treatment system was unintentionally shut down twice during the 2021 reporting period due to failure of the wireless modem in May and replacement of the uninterrupted power supply and subsequent blowout of the electrical transformer in November. The system was operational 80 percent of time during the 2021 reporting period.

3.4.2 GAC Performance Monitoring

Samples were collected from the GAC inlet, mid-GAC, and GAC outlet in April and October and submitted for laboratory analysis of 1,1-DCE, 1,1-DCA, naphthalene, benzene, and PCE by USEPA Method 8260B. The GAC vessels were drained, and the GAC was replaced in both April and October. Spent GAC was transported offsite for reactivation.

3.4.3 System Flow Rates

The system was operated to optimize groundwater extraction based on the capture-zone analysis recommendations presented in the *2019 Annual Groundwater Monitoring Report, Former Dowell Schlumberger Facility, Artesia, New Mexico* (CH2M 2020). Optimized operations included extraction wells EW-03 and EW-04 at target flow rates between 8 to 10 gallons per minute (gpm) and 13 to 15 gpm, respectively. Based on the flow totalizer, approximately 8.44 million gallons of groundwater were extracted, treated, and reinfiltrated in 2021. The average extraction rates at the extraction wells in 2021 were 7.3 gpm at EW-03 and 12.9 gpm at EW-04.

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3.4.4 System Inspections and Maintenance

During the quarterly maintenance site visits in February, April, July, and October, extraction well flow rates and the combined outflow were measured, and the system was inspected to identify potential leaks and/or upset conditions. No leaks or upset conditions were identified. In April and October, cartridge filters were replaced.

3.4.5 Extraction Well Rehabilitation

EW-03 and EW-04 were rehabilitated by chemical treatment in May and October to reduce the growth of iron-reducing bacteria. Rehabilitation included brushing/swabbing the well casing and screen to physically remove the bacterial deposits, removing debris using a bailer, and placing NuWell chemical solution into the well screen via tremie pipe. After the NuWell chemical solution was placed, the well screen and sand pack were swabbed and surged. The NuWell chemical solution was left in the well screen and sand pack overnight. The following day, the well screen and sand pack were swabbed, surged, and bailed to remove debris that had accumulated overnight. Groundwater and NuWell chemical solutions bailed from EW-03 and EW-04 were temporarily contained in 55-gallon steel drums and transferred to the groundwater extraction and treatment system for treatment and reinfiltration.

3.5 Waste Management

Waste generated from drilling activities, including soil cuttings and consumable materials (used personal protective equipment), was containerized in 55-gallon steel drums temporarily stored within the offsite downgradient drilling area. At the completion of drilling activities, waste drums were moved inside the fenced Dowell facility for storage and then removed from the site by a waste management subcontractor for disposal.

Groundwater and decontamination water generated during sampling and drilling activities was containerized and transferred to the groundwater extraction and treatment system for treatment and reinfiltration.

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SECTION 4

Results and Discussion

This section presents a review of the depth-to-water measurements, quarterly and semiannual groundwater and post-installation sampling data, and groundwater treatment system sampling results.

4.1 Groundwater Elevation and Gradient

Figures 4-1 and 4-2 show the April and October 2021 potentiometric maps. Table 4-1 presents 2021 groundwater elevation data. The groundwater elevations measured during the April and October sampling events were generally consistent with historical measurements.

During April and October, an area of localized groundwater mounding was observed at MW-31, which is near the gravity infiltration trench. Groundwater flow direction is to the north-northeast toward the extraction and treatment system.

The overall groundwater gradient was 0.0056 foot per foot for the April event, with the overall direction of groundwater flow to the northeast. The overall groundwater gradient was 0.0054 foot per foot for the October event, with the overall direction of groundwater flow to the north-northeast in the downgradient portion of the plume and to the north in the ISCO injection area.

4.2 Groundwater Monitoring Analytical Results

Table 4-2 summarizes groundwater monitoring analytical results collected in 2021, and Appendix E contains laboratory analytical reports and data validation checklists. Appendix B presents field parameters measured during low-flow purging of the monitoring wells in the ISCO injection area (MW-11, MW-12, MW-17C, MW-36, MW-37, and MW-38).

Groundwater analytical results presented in Table 4-2 are compared with the NMWQCC standards, as defined in the approved Abatement Plan (CH2M 2017a). Figures 4-3 and 4-4 present concentrations in groundwater for 1,1-DCA and 1,1-DCE, respectively. The extent of the exceedance of the NMWQCC standard is shown as an isopleth line on each figure, where applicable.

4.2.1 Phase II Performance Monitoring Results – ISCO Injection Area

As described in the 2019 Annual Monitoring Report (CH2M 2020), the purpose of the Phase II ISCO application, completed in September 2019, about 2 years after Phase I, was to reduce CVOCs to concentrations less than the NMWQCC standard in the area monitored with MW-11, MW-12, MW-17C, MW-36, MW-37, and MW-38. Post-injection groundwater samples were collected quarterly, approximately 16 months (January), 19 months (April), 22 months (July), and 25 months (October) after the Phase II ISCO injections.

As of the October 2021 groundwater sampling event, 1,1-DCA is the only COC with concentrations that exceeded its NMWQCC standard. As summarized in Table 4-2 and shown in Figure 4-3, 1,1-DCA concentrations exceeded its NMWQCC standard of 0.025 milligram per liter (mg/L) at three of six performance monitoring wells in 2021. 1,1-DCA concentrations at MW-12 remained relatively stable during 2021 and decreased at MW-38 from 0.102 to 0.0708 mg/L between January and October. Although 1,1-DCA concentrations exceeded its NMWQCC standard at MW-37 in January and April, concentrations were less than its NMWQCC standard in July and October.

Sulfate concentrations exceeded its NMWQCC standard of 600 mg/L at MW-11, MW-12, MW-17C, MW-36, MW-37, and MW-38 in 2021. Sulfate concentrations, which naturally exceed the NMWQCC standard with an average baseline concentration of 2,302 mg/L (CH2M 2018), have fluctuated since the

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pilot-scale (Phase I) ISCO application due to the slow release of persulfate from the potassium persulfate. The average sulfate concentration during 2021 was 2,461 mg/L.

4.2.2 Groundwater Monitoring Results – Downgradient Area

Overall, 1,1-DCE concentrations in the downgradient plume area have decreased since the installation of EW-04 in 2017 (CH2M 2018, 2019b, 2020, 2021) and are now less than its NMWQCC standard in the downgradient area. As summarized in Table 4-2 and shown in Figure 4-4, 1,1-DCE concentrations exceeded its NMWQCC standard of 0.005 mg/L at MW-29 and MW-35 during the April sampling event and at MW-35 and MW-39 during the September post-installation sampling event, but decreased to less than its NMWQCC standard of 0.005 mg/L in the October sampling event at both locations.

No other COCs were detected at concentrations that exceeded their respective NMWQCC standards in the downgradient plume area in 2021.

4.3 Groundwater Treatment System Sampling Results

Table 4-3 presents the groundwater extraction and treatment system performance monitoring analytical results. 1,1-DCE concentrations exceeded its NMWQCC standard of 0.005 mg/L at the inlet and middle GAC sampling locations in April, but were not detected at the outlet sampling location. In October, COCs were not detected at concentrations that exceeded their respective NMWQCC standards at any of the sampling locations. To be conservative, and consistent with previous years, the lead GAC was changed out during both the April and October 2021 sampling events.

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SECTION 5

Summary and Recommendations

5.1 Summary

The following are the key findings from the 2021 activities:

- Benzene, naphthalene, and PCE concentrations in groundwater were less than their NMWQCC standards during the 2021 monitoring events.
- In the ISCO injection area, 1,1-DCA concentrations exceeded its NMWQCC standard at MW-12, MW-37, and MW-38 during 2021. While concentrations remain stable at MW-12, they decreased at MW-37 and MW-38 and were less than the NMWQCC standard at MW-37 in both July and October. In addition, sulfate concentrations generally remain elevated, indicating that the (slow-release) potassium persulfate remains active.
- For the downgradient area, 1,1-DCE concentrations were less than its NMWQCC standard during the last semiannual event in October 2021. No other COCs were detected at concentrations that exceeded their respective NMWQCC standards in the downgradient plume area in 2021.

5.2 Recommendations

5.2.1 LactOil Substrate Injections at the ISCO Injection Area

LactOil, a soy microemulsion substrate, is proposed for injection at the existing injection wells to facilitate biodegradation of 1,1,-DCA and concentration decreases. Approximately 60 gallons of LactOil mixed with 360 gallons of potable water will be injected into each of 12 existing injection wells (IJ-9 through IJ-20; Figure 1-2).

5.2.2 Performance Monitoring at the ISCO Injection Area

Performance monitoring in the ISCO injection area will be performed semiannually in April and October 2022 concurrently with the semiannual sampling events described in Section 5.2.3. Samples will be analyzed for COCs, sulfate, and total organic carbon to monitor the performance of the LactOil substrate injections and assess whether the observed COC concentration reductions are sustained and whether the sulfate concentrations return to baseline conditions.

5.2.3 Semiannual Groundwater Monitoring

The groundwater monitoring program will continue semiannually (April and October). However, with NMOCD approval of the 2020 Annual Groundwater Monitoring Report (CH2M 2021), groundwater samples will be collected from MW-22, MW-25, MW-32, and MW-34 in October only moving forward. Appendix A contains NMOCD approval.

5.2.4 Operations and Maintenance of the Groundwater Extraction and Treatment System

Groundwater extraction and treatment system operation will consist of automated daily system monitoring and notifications by email. During system operations, quarterly site visits will continue to maintain the groundwater extraction and treatment system; additional site visits will be conducted as necessary to evaluate and repair upset conditions. Semiannually, water samples will be collected from the influent, between the lead and lag GAC vessels, and effluent to assess treatment system

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performance. These data will be used to assess when GAC replacement is needed. Analytical data collected in April 2022 will be used to assess whether operation of the groundwater extraction and treatment system should continue. If 1,1-DCE concentrations at MW-35, MW-39, and MW-40 remain less than its NMWQCC standard in April 2022, the groundwater extraction and treatment system will be shut off. If 1,1-DCE concentrations at MW-35, MW-39, and MW-40 remain less than its NMWQCC standard in October 2022, the groundwater extraction and treatment system will remain off, and 2 years of quarterly monitoring will begin in January 2023.

However, the groundwater extraction and treatment system will remain operational if 1,1-DCE concentrations at MW-35, MW-39, or MW-40 exceed its NMWQCC standard in April 2022. Additionally, if the groundwater extraction and treatment system is off and concentrations of 1,1-DCE in downgradient area wells exceed its NMWQCC standard in October 2022, the system will be returned to operation.

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SECTION 6

References

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Tables

Table 3-1. Groundwater Gauging and Sampling Summary

2021 Annual Groundwater Monitoring Report

Former Dowell Schlumberger Facility, Artesia, New Mexico

Well Number	Groundwater Elevation Measurements	Semiannual Groundwater Sampling[a] (USEPA Method 8260)	Post-Installation Groundwater Sampling[b] (USEPA Method 8260)	ISCO Performance Monitoring Groundwater Sampling[c] (USEPA Methods 8260 and 300.0)
MW-8	X			
MW-11	X	X		X
MW-12	X	X		X
MW-15	X			
MW-17C	X	X		X
MW-18	X			
MW-20	X			
MW-21	X			
MW-22	X	X		
MW-25	X	X		
MW-26	X			
MW-28	X	X		
MW-29	X	X		
MW-30	X	X		
MW-31	X	X		
MW-32	X	X		
MW-33[d]	NS	NS		
MW-34	X	X		
MW-35	X	X	X	
MW-36	X	X		X
MW-37	X	X		X
MW-38	X	X		X
MW-39[e]	X	X	X	
MW-40[e]	X	X	X	

Notes:

[a] Samples included in the semiannual groundwater monitoring were collected via HydraSleeves.

[b] Samples included in the post-installation groundwater monitoring were collected via HydraSleeves from newly installed and existing downgradient monitoring wells.

[c] Samples included in the ISCO performance monitoring were collected using low flow sampling methods.

[d] Well not accessible; an access agreement was not in place. Well abandoned in May 2021.

[e] Well installed in September 2021.

ISCO = in situ chemical oxidation

MW = monitoring well

NS = not sampled

USEPA = U.S. Environmental Protection Agency

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Table 4-1. Groundwater Elevation Data – 2021

2021 Annual Groundwater Monitoring Report

Former Dowell Schlumberger Facility, Artesia, New Mexico

Well Number	Date	Total Depth (ft btoc)	Top of Casing Elevation (ft amsl)	Depth to Water (ft btoc)	Groundwater Elevation (ft amsl)
MW-8	4/28/2021	35.00	3359.53	20.65	3338.88
	10/11/2021			17.97	3341.56
MW-11	1/26/2021	30.00	3356.27	16.98	3339.29
	4/28/2021			17.65	3338.62
	7/1/2021			17.97	3338.30
	10/11/2021			16.96	3339.31
MW-12	1/26/2021	25.70	3356.51	17.02	3339.49
	4/28/2021			17.72	3338.79
	7/1/2021			17.38	3339.13
	10/11/2021			17.02	3339.49
MW-15	4/28/2021	34.00	3357.69	18.11	3339.58
	10/11/2021			17.65	3340.04
MW-17C	1/26/2021	62.44	3356.55	17.09	3339.46
	4/28/2021			17.72	3338.83
	7/1/2021			17.36	3339.19
	10/11/2021			16.96	3339.59
MW-18	4/28/2021	30.09	3356.71	18.08	3338.63
	10/11/2021			17.08	3339.63
MW-20	4/28/2021	28.00	3359.12	22.00	3337.12
	10/11/2021			21.76	3337.36
MW-21	4/28/2021	17.41	3356.89	19.80	3337.09
	10/11/2021			18.96	3337.93
MW-22	4/28/2021	15.63	3355.18	18.25	3336.93
	10/11/2021			17.56	3337.62
MW-25	4/28/2021	27.30	3355.67	19.52	3336.15
	10/11/2021			19.28	3336.39
MW-26	4/28/2021	27.35	3354.20	18.03	3336.17
	10/11/2021			17.74	3336.46
MW-28	4/28/2021	27.94	3355.93	22.71	3333.22
	10/11/2021			25.18	3330.75
MW-29	4/28/2021	20.25	3355.06	25.71	3329.35
	10/11/2021			23.97	3331.09
MW-30	4/28/2021	27.89	3354.61	20.40	3334.21
	10/11/2021			20.58	3334.03
MW-31	4/28/2021	30.89	3356.38	17.47	3338.91
	10/11/2021			14.79	3341.59
MW-32	4/28/2021	38.85	3354.54	19.48	3335.06
	10/11/2021			19.35	3335.19
MW-33[a]	4/28/2021	35.00	3349.67	NM	NM
MW-34	4/28/2021	32.00	3356.28	21.23	3335.05
	10/11/2021			21.76	3334.52
MW-35	4/28/2021	28.50	3352.91	21.95	3330.96
	10/11/2021			22.42	3330.49
MW-36	1/26/2021	25.38	3356.60	17.02	3339.58
	4/28/2021			17.70	3338.90
	7/1/2021			17.41	3339.19
	10/11/2021			17.05	3339.55
MW-37	1/26/2021	25.50	3356.89	17.01	3339.88
	4/28/2021			17.67	3339.22
	7/1/2021			17.23	3339.66
	10/11/2021			16.80	3340.09
MW-38	1/26/2021	25.03	3356.78	17.11	3339.67
	4/28/2021			17.77	3339.01
	7/1/2021			17.39	3339.39
	10/11/2021			16.95	3339.83
MW-39	10/11/2021	26.71	3352.98	23.02	3329.96
MW-40	10/11/2021	28.98	3352.89	23.52	3329.37

Notes:

[a] Well not accessible in April 2021; an access agreement was not in place. Well abandoned in May 2021.

ft amsl = feet above mean sea level

ft btoc = feet below top of casing

ID = identification

MW = monitoring well

NM = not measured

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Table 4-2. Summary of Groundwater Analytical Results – 2021

2021 Annual Groundwater Monitoring Report

Former Dowell Schlumberger Facility, Artesia, New Mexico

	COMPOUND	1,1-DCA	1,1-DCE	Benzene	Naphthalene	Sulfate	PCE
	UNITS	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
	NMWQCC STANDARDS	0.025	0.005	0.01	0.03	600	0.02
WELL NUMBER	SAMPLE DATE						
MW-11	01/26/2021	**0.00368**	< 0.0003	< 0.00033	< 0.0002	**1920**	< 0.000189
	04/28/2021	**0.0036**	< 0.000216	< 0.000214	< 0.002	**2930**	< 0.0005
	07/01/2021	**0.00423**	< 0.000216	< 0.000214	< 0.002	**3210**	< 0.0005
	10/11/2021	**0.000911**	< 0.0000433	< 0.0000429	< 0.0004	**3040**	< 0.0001
MW-12	01/26/2021	**0.0357**	**0.00158**	**0.000806 J**	**0.00108 J**	**2100**	< 0.000189
	04/28/2021	**0.0433**	< 0.000216	**0.000737 J**	< 0.002	**2520**	< 0.0005
	07/01/2021	**0.0252**	**0.000719 J**	< 0.000214	< 0.002	**2720**	< 0.0005
	10/11/2021	**0.0408**	**0.00222**	**0.000877 J**	< 0.002	**2280**	< 0.0005
MW-17C	01/26/2021	< 0.000168	< 0.0003	< 0.00033	< 0.0002	**1870**	< 0.000189
	04/28/2021	< 0.000244	< 0.000216	< 0.000214	< 0.002	**2280**	< 0.0005
	07/01/2021	< 0.000244	< 0.000216	< 0.000214	< 0.002	**2420**	< 0.0005
	10/11/2021	< 0.0000489	< 0.0000433	< 0.0000429	< 0.0004	**2390**	< 0.0001
MW-22	04/28/2021	< 0.000244	< 0.000216	< 0.000214	< 0.002	--	< 0.0005
	10/11/2021	< 0.0000489	< 0.0000433	< 0.0000429	< 0.0004	--	< 0.0001
MW-25	04/28/2021	**0.000771 J**	**0.000528 J**	< 0.000214	< 0.002	--	< 0.0005
	10/11/2021	< 0.0000489	< 0.0000433	< 0.0000429	< 0.0004	--	< 0.0001
MW-28	04/28/2021	**0.00306**	**0.00506**	< 0.000214	< 0.002	--	**0.00649**
	10/11/2021	**0.000949**	**0.00163**	< 0.0000429	< 0.0004	--	**0.00145**
MW-29	04/28/2021	**0.00681**	**0.013**	< 0.000214	< 0.002	--	**0.0197**
	10/11/2021	**0.00107**	**0.00393**	< 0.0000429	< 0.0004	--	**0.00349**
MW-30	04/28/2021	**0.00102**	**0.00178**	< 0.000214	< 0.002	--	**0.00266**
	10/11/2021	< 0.0000489	**0.000947**	< 0.0000429	< 0.0004	--	**0.000568**
MW-31	04/28/2021	**0.00116**	< 0.000216	< 0.000214	< 0.002	--	< 0.0005
	10/11/2021	< 0.0000489	< 0.0000433	< 0.0000429	< 0.0004	--	< 0.0001
MW-32	04/28/2021	< 0.000244	< 0.000216	< 0.000214	< 0.002	--	< 0.0005
	10/11/2021	< 0.0000489	< 0.0000433	< 0.0000429	< 0.0004	--	< 0.0001
MW-34	04/28/2021	**0.000973 J**	< 0.000216	< 0.000214	< 0.002	--	**0.000544 J**
	10/11/2021	**0.000217**	< 0.0000433	< 0.0000429	< 0.0004	--	< 0.0001
MW-35	04/28/2021	--	**0.0127**	--	--	--	**0.0137**
	09/11/2021	--	**0.0119**	--	--	--	**0.0127**
	10/11/2021	--	**0.00308**	--	--	--	**0.00306**

Table 4-2. Summary of Groundwater Analytical Results – 2021

2021 Annual Groundwater Monitoring Report

Former Dowell Schlumberger Facility, Artesia, New Mexico

	COMPOUND	1,1-DCA	1,1-DCE	Benzene	Naphthalene	Sulfate	PCE
	UNITS	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
	NMWQCC STANDARDS	0.025	0.005	0.01	0.03	600	0.02
WELL NUMBER	SAMPLE DATE						
MW-36	01/26/2021	**0.0177**	**0.000466 J**	**0.00295**	**0.00337 J**	**1890**	**0.00856**
	04/28/2021	**0.0174**	< 0.000216	**0.00131**	< 0.002	**2220**	**0.00645**
	07/01/2021	**0.00903**	< 0.000216	**0.000756 J**	< 0.002	**2270**	**0.00482**
	10/12/2021	**0.0116**	< 0.000216	**0.00126**	< 0.002	**2180**	**0.00602**
MW-37	01/26/2021	**0.0292 J**	**0.00286**	**0.00179**	**0.00109 J**	**2570**	**0.00362**
	04/28/2021	**0.0288**	**0.00347**	**0.00253**	< 0.002	**2680**	**0.00393**
	07/01/2021	**0.0147**	**0.00165**	**0.00103**	< 0.002	**3100**	**0.00334**
	10/11/2021	**0.0213 J+**	**0.00294**	**0.00405**	**0.00227 J**	**2710**	**0.00155 J+**
MW-38	01/26/2021	**0.102**	**0.00294**	**0.00185**	**0.00145 J**	**1830**	**0.005**
	04/28/2021	**0.114**	**0.00336**	**0.0014**	< 0.002	**2410**	**0.00456**
	07/01/2021	**0.0879**	**0.00178**	**0.00115**	< 0.002	**2840**	**0.00349**
	10/12/2021	**0.0708**	**0.00171**	**0.00101**	< 0.002	**2680**	**0.00365**
MW-39	09/11/2021	--	**0.0063**	--	--	--	**0.00477**
	10/11/2021	--	**0.000807**	--	--	--	**0.00132**
MW-40	09/10/2021	--	< 0.000216	--	--	--	< 0.0005
	10/11/2021	--	< 0.0000433	--	--	--	< 0.0001

Notes:

Analytical methods used USEPA Method 8260 (VOCs) and USEPA Method 300.0 (Anions).

Detected results are shown in bold font.

Results exceeding NMWQCC Standards are shown in bold font and shaded. Results that do not exceed the NMWQCC Standards at the same significant figure as the screening level are not shaded.

< = chemical not detected at a concentration above the instrument detection limit

1,1-DCA = 1,1-dichloroethane

1,1-DCE = 1,1-dichloroethene

J = chemical detected at concentration above instrument detection limit but below method detection limit

J+ = chemical recovery was high in associated MS/MSD; result is estimated high

mg/L = milligrams per liter

MS/MSD = matrix spike/matrix spike duplicate

NMWQCC = New Mexico Water Quality Control Commission

PCE = tetrachloroethene

USEPA = U.S. Environmental Protection Agency

VOC = volatile organic compound

Table 4-3. Groundwater Extraction and Treatment System Performance Monitoring Analytical Results – 2021

2021 Annual Groundwater Monitoring Report

Former Dowell Schlumberger Facility, Artesia, New Mexico

	COMPOUND	1,1-DCA	1,1-DCE	Benzene	Naphthalene	PCE
	UNITS	mg/L	mg/L	mg/L	mg/L	mg/L
	NMWQCC STANDARDS	0.025	0.005	0.01	0.03	0.02
SAMPLE LOCATION	SAMPLE DATE					
GAC INLET	04/28/2021	**0.00235**	**0.00787**	< 0.000214	< 0.002	**0.00849**
	10/11/2021	**0.000407**	**0.00244**	< 0.0000429	< 0.0004	**0.00103**
MID-GAC	04/28/2021	**0.00316**	**0.00649**	< 0.000214	< 0.002	< 0.0005
	10/11/2021	**0.000796**	**0.00148**	< 0.0000429	< 0.0004	< 0.0001
GAC OUTLET	04/28/2021	**0.00155**	< 0.000216	< 0.000214	< 0.002	< 0.0005
	10/11/2021	**0.000436**	< 0.0000433	< 0.0000429	< 0.0004	< 0.0001

Notes:

Analytical methods used USEPA Method 8260 (VOCs).

Detected results are shown in bold font.

Results exceeding NMWQCC Standards are shown in bold font and shaded.

< = chemical not detected at a concentration above the instrument detection limit

1,1-DCA = 1,1-dichloroethane

1,1-DCE = 1,1-dichloroethene

GAC = granular activated carbon

mg/L = milligrams per liter

NMWQCC = New Mexico Water Quality Control Commission

PCE = tetrachloroethene

USEPA = U.S. Environmental Protection Agency

VOC = volatile organic compound

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Figures

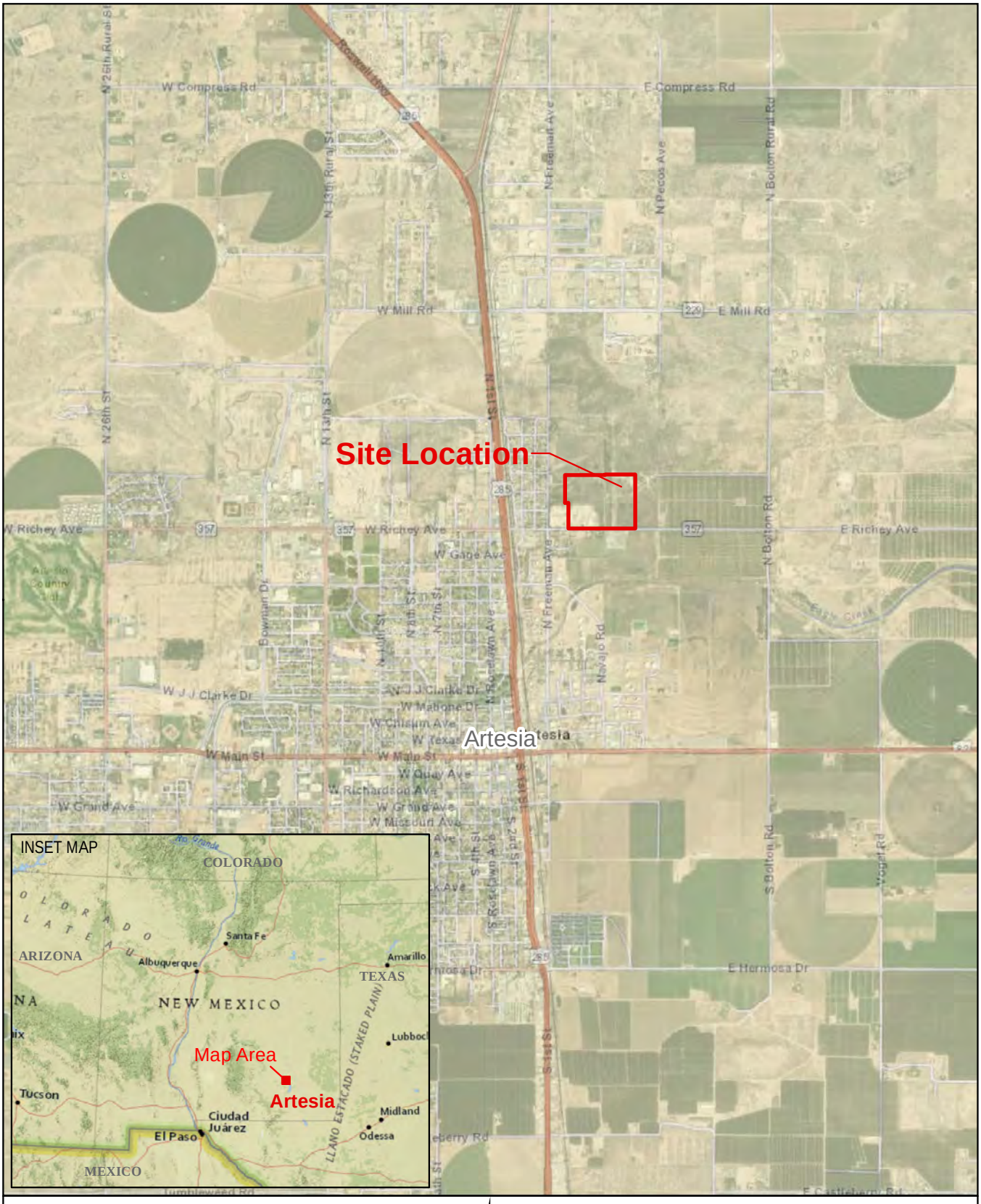
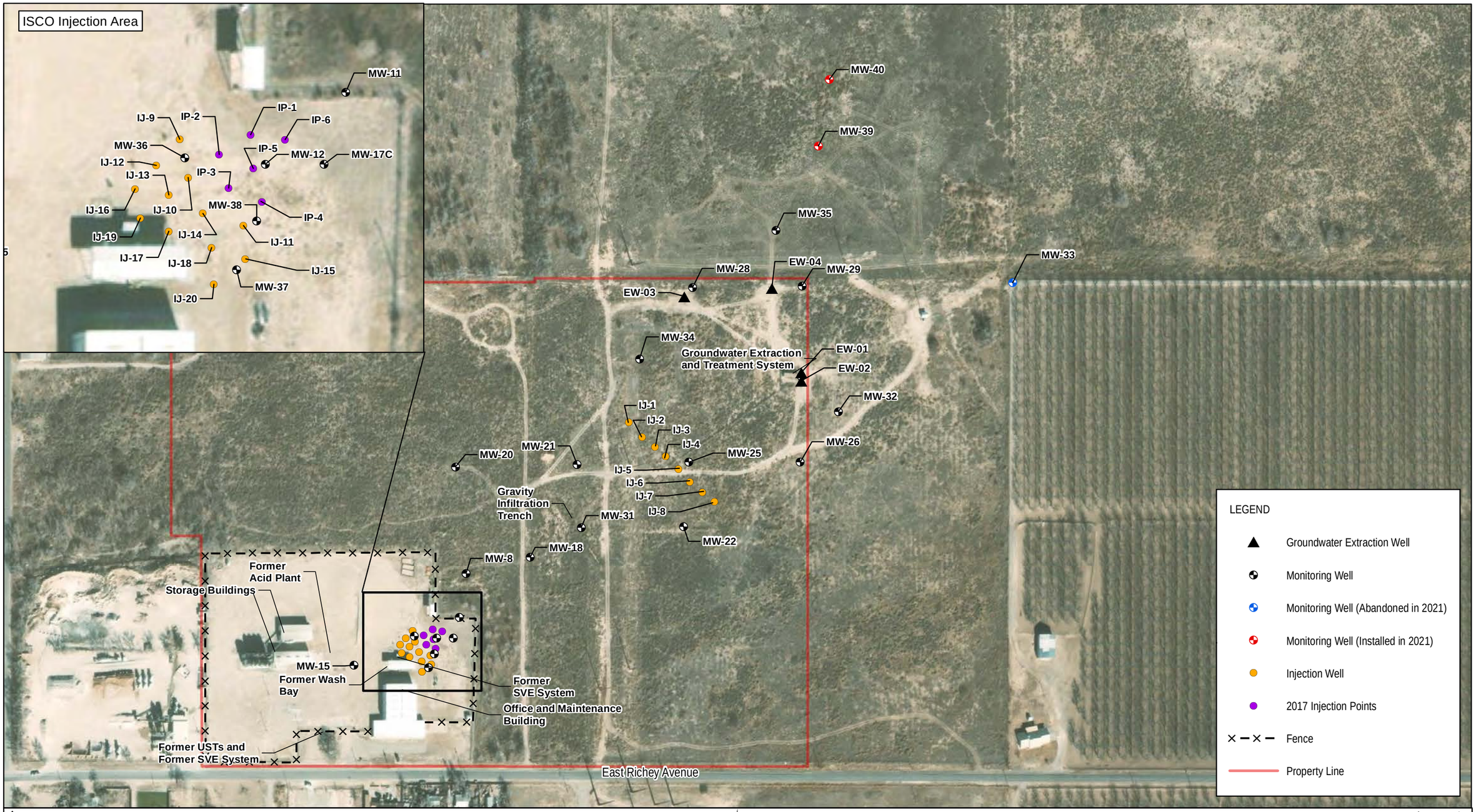


Figure 1-1.
Site Location Map
2021 Annual Groundwater Monitoring Report
Former Dowell Schlumberger Facility
Artesia, New Mexico

Source:
Esri, DigitalGlobe, GeoEye, USGS, Intermap, National Geographic, DeLorme, HERE, NOAA

EN0223161111MKE N:\DOWELL_SCHLUMBERGER\ARTESIA_469935\MAPFILES\ANN_GW_MON_2022\FIG1-1_LOC_MAP_AGWM.MXD TA 12/1/2021



Acronyms:
ISCO = in situ chemical oxidation
SVE = soil vapor extraction
UST = underground storage tank

Source:
Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Aorbis DS. USGS,AeroGRID, IGN,and the GIS User Community

N

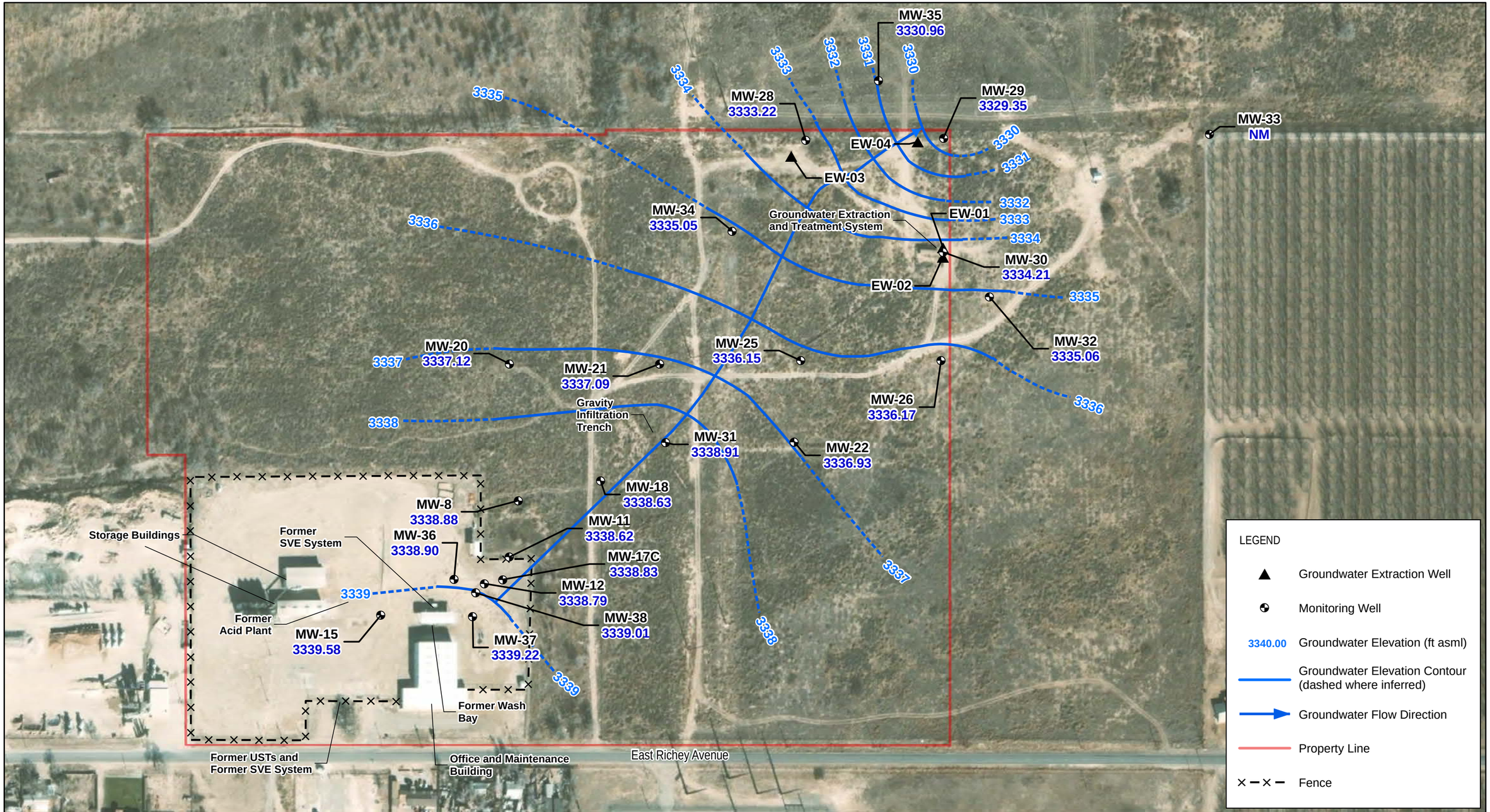
0 150 300

Approximate scale in feet

Figure 1-2.
Site Plan
2021 Annual Groundwater Monitoring Report
Former Dowell Schlumberger Facility
Artesia, New Mexico

ch2m.

EN0223161111MKE N:\DOWELL_SCHLUMBERGER\ARTESIA_469935\MAPFILES\ANN_GW_MON_2022\FIG1-2_SITE_PLAN.MXD TA 1/5/2022



Acronyms:
ft amsl = feet above mean sea level
NM = not measured
SVE = soil vapor extration
UST = underground storage tank

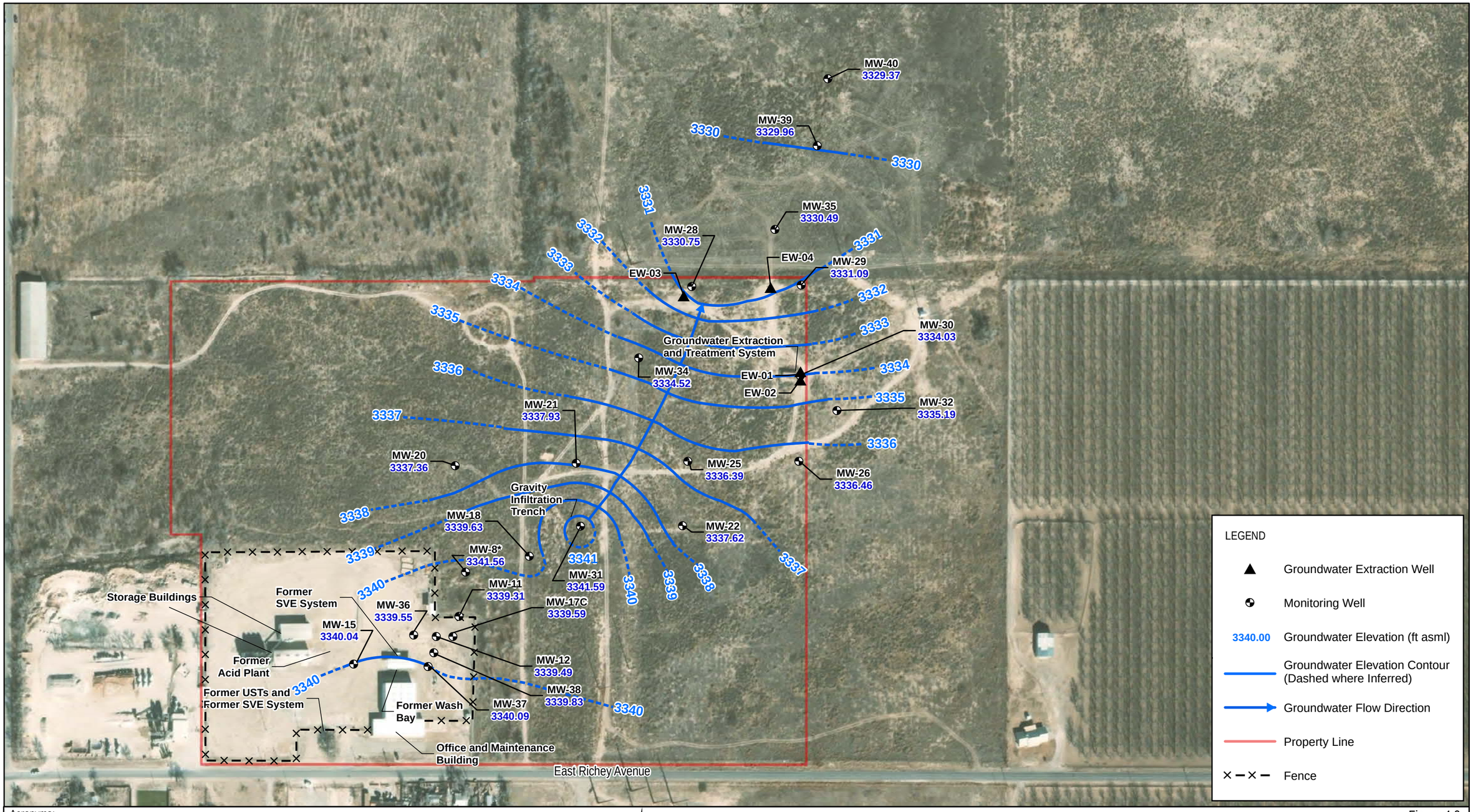
Source:
Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Aorbis DS. USGS,AeroGRID, IGN,and the GIS User Community

N
0 100 200
Approximate scale in feet

Figure 4-1.
Potentiometric Surface Map - April 2021
2021 Annual Groundwater Monitoring Report
Former Dowell Schlumberger Facility
Artesia, New Mexico

ch2m:

EN0223161111MKE N:\DOWELL_SCHLUMBERGER\ARTESIA_469935\MAPFILES\ANN_GW_MON_2022\FIG4-1_POTSURF_APRIL2021_AGWM.MXD TA 2/14/2022



Acronyms:
* = The groundwater elevation was not used to map the potentiometric surface due to an outlier in the data
ft amsl = feet above mean sea level
SVE = soil vapor extration
UST = underground storage tank

Source:
Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Aorbis DS. USGS,AeroGRID, IGN,and the GIS User Community

N

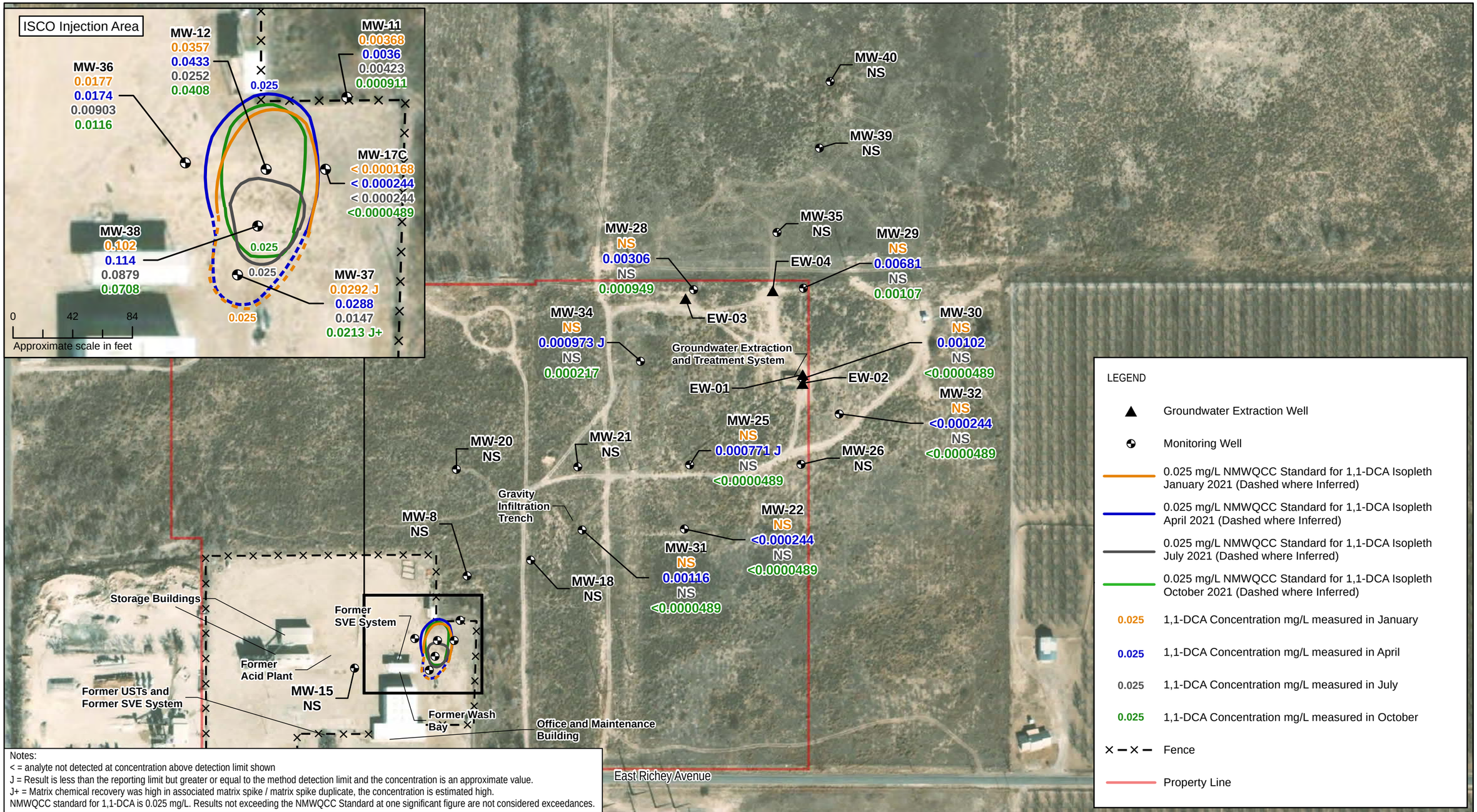
0 150 300

Approximate scale in feet

Figure 4-2.
Potentiometric Surface Map - October 2021
2021 Annual Groundwater Monitoring Report
Former Dowell Schlumberger Facility
Artesia, New Mexico

ch2m

EN0223161111MKE N:\DOWELL_SCHLUMBERGER\ARTESIA_469935\MAPFILES\ANN_GW_MON_2022\FIG4-2_POTSURF_OCT2021_AGWM.MXD TA 2/14/2022



Notes:
< = analyte not detected at concentration above detection limit shown
J = Result is less than the reporting limit but greater or equal to the method detection limit and the concentration is an approximate value.
J+ = Matrix chemical recovery was high in associated matrix spike / matrix spike duplicate, the concentration is estimated high.
NMWQCC standard for 1,1-DCA is 0.025 mg/L. Results not exceeding the NMWQCC Standard at one significant figure are not considered exceedances.

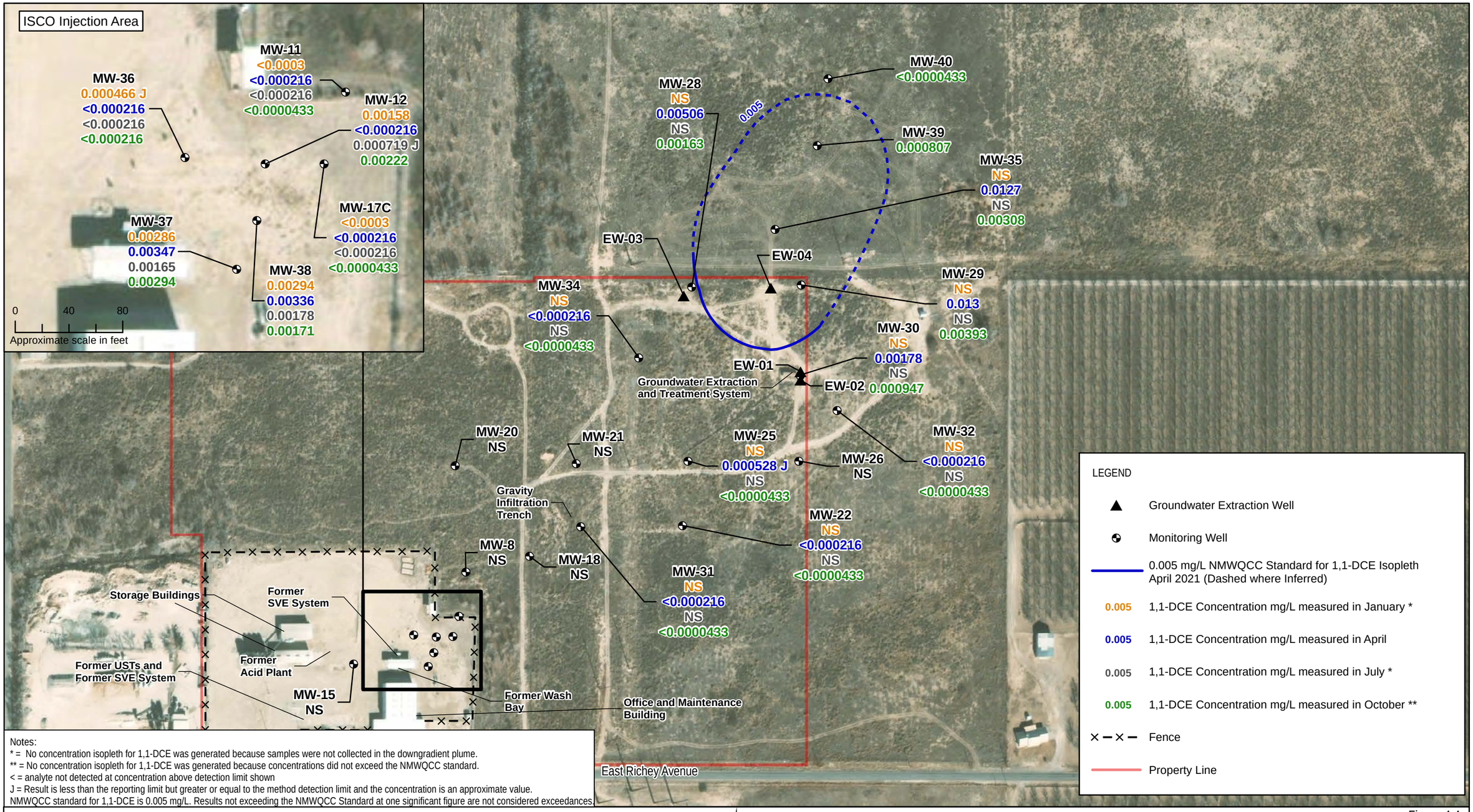
Acronyms:
1,1-DCA = 1,1-dichloroethane
ISCO = in situ chemical oxidation
mg/L= milligrams per liter
NMWQCC = New Mexico Water Quality Control Commission
NS = not sampled
SVE = soil vapor extraction
UST = underground storage tank

Source:
Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Aorbis DS. USGS,AeroGRID, IGN,and the GIS User Community

Figure 4-3.
Concentration Map for 1,1-DCA - 2021
2021 Annual Groundwater Monitoring Report
Former Dowell Schlumberger Facility
Artesia, New Mexico

ch2m

EN0223161111MKE N:\DOWELL_SCHLUMBERGER\ARTESIA_469935\MAPFILES\ANN_GW_MON_2022\FIG4-3_ISOCON_DCA_2021_AGWM.MXD TA 1/18/2022



Notes:
* = No concentration isopleth for 1,1-DCE was generated because samples were not collected in the downgradient plume.
** = No concentration isopleth for 1,1-DCE was generated because concentrations did not exceed the NMWQCC standard.
< = analyte not detected at concentration above detection limit shown
J = Result is less than the reporting limit but greater or equal to the method detection limit and the concentration is an approximate value.
NMWQCC standard for 1,1-DCE is 0.005 mg/L. Results not exceeding the NMWQCC Standard at one significant figure are not considered exceedances.

Acronyms:
1,1-DCE = 1,1-dichloroethene
ISCO = in situ chemical oxidation
mg/L= milligrams per liter
NMWQCC = New Mexico Water Quality Control Commission
NS = not sampled
SVE = soil vapor extraction
UST = Underground storage tank

Source:
Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Aorbis DS. USGS,AeroGRID, IGN,and the GIS User Community

Figure 4-4.
Concentration Map for 1,1-DCE - 2021
2021 Annual Groundwater Monitoring Report
Former Dowell Schlumberger Facility
Artesia, New Mexico

EN0223161111MKE N:\DOWELL_SCHLUMBERGER\ARTESIA_469935\MAPFILES\ANN_GW_MON_2022\FIG4-4_ISOCON_DCE_2021_AGWM.MXD TA 3/1/2022

Appendix A
NMOCD Correspondence

Forsberg, Aleeca/ABQ

From: Billings, Bradford, EMNRD <Bradford.Billings@state.nm.us>
Sent: Tuesday, September 15, 2020 9:22 AM
To: Schneider, Monica/PNS
Cc: Strunk Jr, Jim (J); Dawn Greening; Urann, David/BOS; Forsberg, Aleeca/ABQ; Perlmutter, Mike/ATL; Ried, Kathi/MKE
Subject: [EXTERNAL] RE: Former Dowell Schlumberger Facility, 507 East Richey Avenue, Artesia, Eddy County, New Mexico – Request to Abandon Monitoring Well MW-33

09/15/2020

Dow
Schlumberger
Jacobs

RE: Request for Monitor Well Abandonment (MW-33) at the Former Dowell Schlumberger Facility

To All,

The request made in attached email is APPROVED. Please inform the Oil Conservation Division (OCD) of timing for the abandonment of identified monitor well.

Thank you for your time and efforts. OCD appreciates your work. If there are additional questions or needs please contact as needed. Please keep a copy of this communication for your records as no PAPER copy will follow.

Sincerely,

Bradford Billings
EMNRD/OCD

From: Schneider, Monica/PNS <Monica.Schneider@jacobs.com>
Sent: Tuesday, September 15, 2020 7:55 AM
To: Billings, Bradford, EMNRD <Bradford.Billings@state.nm.us>
Cc: Strunk Jr, Jim (J) <JStrunkjr@dow.com>; Dawn Greening <DGreening@slb.com>; Urann, David/BOS <David.Urann@jacobs.com>; Forsberg, Aleeca/ABQ <Aleeca.Forsberg@jacobs.com>; Perlmutter, Mike/ATL <Mike.Perlmutter@jacobs.com>; Ried, Kathi/MKE <Kathi.Ried@jacobs.com>
Subject: [EXT] Former Dowell Schlumberger Facility, 507 East Richey Avenue, Artesia, Eddy County, New Mexico – Request to Abandon Monitoring Well MW-33

Good morning, Brad.
Thank you very much for your time to talk yesterday so I could discuss the request below with you, on behalf of Schlumberger Technology Corporation and The Dow Chemical, before sending a formal request for your approval.

On behalf of Schlumberger Technology Corporation and The Dow Chemical, herein is the formal request for your approval to discontinue monitoring the groundwater level at MW-33 and abandon monitoring well MW-33 (well location shown on Figure 1-2; 2019 Annual Groundwater Monitoring Report).
The rationale for this request is that chlorinated volatile organic compounds (CVOCs) have not been detected since 2015 (Table 1; 7.9.19 Artesia NM Meeting Summary.pdf) and the well location is sidegradient to the 1,1-dichloroethene (DCE)

and tetrachloroethene (PCE) plumes (October 2019 potentiometric surface shown on Figure 4-2 and October 2019 capture zone shown on Figure 4-8; 2019 Annual Groundwater Monitoring Report).

We understand if conditions change, NMOCD may direct us to reinstall a well in this location or in proximity to it.

Thank you,
Monica

Monica Schneider | Jacobs | Program Manager | 314.605.4616 |
Monica.Schneider@jacobs.com | www.jacobs.com

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To: Virgilio Cocianni
Subject: RE: [Ext] RE: Dowell Schlumberger Facility at 507 East Richey Avenue, Artesia, New Mexico APPROVALS

From: Virgilio Cocianni <cocianni-v@slb.com>
Sent: Wednesday, August 14, 2019 9:32 AM
To: Billings, Bradford, EMNRD <Bradford.Billings@state.nm.us>
Cc: Strunk Jr, Jim (J) <JStrunkjr@dow.com>; Schneider, Monica/PNS <Monica.Schneider@jacobs.com>; Urann, David/BOS <David.Urann@jacobs.com>
Subject: [EXTERNAL] RE: [Ext] RE: Dowell Schlumberger Facility at 507 East Richey Avenue, Artesia, New Mexico APPROVALS

Good morning and thanks for your quick response, Brad.
Have a great day.
Cheers,
Vic.

Vic Cocianni
Schlumberger Remediation Manager
Phone: +1-281-285-4747

"Courage doesn't always roar. Sometimes courage is the little voice at the end of the day that says I'll try again tomorrow." Mary Ann Radmacher.
(Please continue to be patient with me, She is still making me).

Schlumberger-Private

From: Billings, Bradford, EMNRD <Bradford.Billings@state.nm.us>
Sent: Wednesday, August 14, 2019 9:30 AM
To: Virgilio Cocianni <cocianni-v@slb.com>
Cc: Strunk Jr, Jim (J) <JStrunkjr@dow.com>; Schneider, Monica/PNS <Monica.Schneider@jacobs.com>; Dave Urann (david.urann@jacobs.com) <david.urann@jacobs.com>
Subject: [Ext] RE: Dowell Schlumberger Facility at 507 East Richey Avenue, Artesia, New Mexico APPROVALS

8/14/2019

Vic Cocianni – Schlumberger
Jim Strunk Jr. - Dowell

Good Morning,

Re: Dowell Schlumberger Facility in Artesia, NM – Stage I and Stage II Abatement Plan (Previous GW-114) and Addendum

The Oil Conservation Division (OCD), and I personally, thank you for your efforts and concise work on this location. It is much appreciated.

The following is approved:

The 2017 Abatement Plan and current Addendum, as relayed in July 2019 communication.

Monitor wells identified as MW's -8, -15, -18, -20, -21, -26 and -33 may be removed from future scheduled sampling events (including the next scheduled event), however, as mentioned in the Addendum, please leave in place for use as groundwater elevation markers. Please take depth to water elevations at these well locations during sampling events and incorporate data in mapping.

Please proceed with gaining access for additional work to the North from the Artesia Alfalfa Growers Association (AFGA), and as mentioned in the Addendum, I stand ready to assist in this access process if I may be of any assistance.

Once again, thank you for your skills and patience. If there are any questions or need for clarification please email concerns.

Sincerely,

Bradford Billings
EMNRD/OCD
Santa Fe

From: Virgilio Cocianni <cocianni-v@slb.com>
Sent: Tuesday, August 13, 2019 2:41 PM
To: Billings, Bradford, EMNRD <Bradford.Billings@state.nm.us>
Cc: Strunk Jr, Jim (J) <JStrunkjr@dow.com>; Schneider, Monica/PNS <Monica.Schneider@jacobs.com>; Dave Urann (david.urann@jacobs.com) <david.urann@jacobs.com>
Subject: Dowell Schlumberger Facility at 507 East Richey Avenue, Artesia, New Mexico – July 9, 2019 Meeting Summary

Good afternoon, Brad.
Thank you for your time to meet with us on July 9th. The summary and the presentation slides from our meeting have been uploaded as one combined PDF to the NMOCD ftp site. The pdf file is titled "7.9.19 Artesia NM Meeting Summary" and was uploaded to the BGBs folder on CentreStack. Would you please confirm that the pdf file uploaded correctly?

As discussed during our meeting, we are requesting to remove seven monitoring wells from the semiannual groundwater sampling program. These wells have met the 8 consecutive quarters without an exceedance of NMWQCC standards. These wells will be retained for collection of groundwater elevation data. We are requesting these changes be implemented during the October 2019 semiannual monitoring event. Tables with the historical analytical data for each of the seven wells and the proposed semiannual monitoring program moving forward are attached to the meeting summary (Tables 1 and 2).

Have a wonderful evening.
Cheers,
Vic.

Vic Cocianni
Schlumberger Remediation Manager
Phone: +1-281-285-4747

"Courage doesn't always roar. Sometimes courage is the little voice at the end of the day that says I'll try again tomorrow." Mary Ann Radmacher.
(Please continue to be patient with me, She is still making me).

Schlumberger-Private

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From: OCDOnline@state.nm.us
To: Forsberg, Aleeca/ABQ
Subject: [EXTERNAL] The Oil Conservation Division (OCD) has approved the application, Application ID: 22510
Date: Wednesday, June 9, 2021 9:45:14 AM

To whom it may concern (c/o Aleeca Forsberg for Schlumberger Technology Corporation),

The OCD has approved the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAUTOfSC000114, with the following conditions:

- **Report was reviewed and and section 5.2 recommendations are approved by Bradford Billings and Chad Hensley. Please, include understudy chad.hensley@state.nm.us on all future communications concerning this project.**

The signed C-141 can be found in the OCD Online: Imaging under the incident ID (n#).

If you have any questions regarding this application, please contact me.

Thank you,
Chad Hensley
Environmental Science & Specialist
575-703-1723
Chad.Hensley@state.nm.us

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

Forsberg, Aleeca/ABQ

From: Hansen, Edward J., EMNRD <edwardj.hansen@state.nm.us>
Sent: Thursday, August 22, 2013 4:44 PM
To: cocianni-v@slb.com
Cc: VonGonten, Glenn, EMNRD; Strunk Jr, Jim (JStrunkJr@dow.com); Barnett, Cathy/STL; Minchak, Jeff/ABQ
Subject: Discharge Permit (GW-114) Work Plan (GW Remediation Program) Amendment Approval - Schlumberger Oilfield Services Facility - Artesia

RE: Work Plan Amendment
for the Schlumberger Oilfield Services'
Schlumberger Oilfield Services Facility - Artesia
507 E. Richey Ave., Artesia, New Mexico
Discharge Permit (GW-114) Work Plan (GW Remediation Program) Amendment Approval

Dear Mr. Cocianni:

The Oil Conservation Division (OCD) has received the Work Plan Amendment for the Schlumberger Oilfield Services Facility - Artesia, dated August 15, 2013. The proposed amendment, submitted for the above-referenced site, indicates that the Schlumberger Oilfield Services (Schlumberger) is substantially complying with the requirements of 20.6.2 NMAC [Water Quality Control Commission (WQCC) Regulations]. Therefore, the OCD conditionally approves the amendment to the work plan:

Schlumberger shall provide to the OCD for approval a demonstration that the WQCC standards for Manganese (0.2 mg/L) or Sulfate (600.0 mg/L) will not be exceeded in ground water at the site prior to initiation of the ISCO treatment. Also, Schlumberger must monitor for Manganese or Sulfate in ground water depending on the ISCO substrate used for the treatment.

If any other substrate other than permanganate or persulfate is proposed to be used, Schlumberger must obtain OCD approval prior to such use.

Please be advised that OCD approval of this amendment does not relieve the owner/operator of responsibility should operations pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the owner/operator of responsibility for compliance with any OCD, federal, state, or local laws and/or regulations.

Thank you for your cooperation in this matter. If you have any questions regarding this matter, please contact at 505-476-3489.

Edward J. Hansen
Hydrologist
Environmental Bureau

Appendix B
Performance Monitoring Data Sheets

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PROJECT NUMBER	WELL ID	Purge Date:
D3367411	MW-11	1/26/21

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT: Former Dowell Schlumberger Facility Artesia, New Mexico
LOCATION: MW-11
WEATHER (wind/temp/ppt): 20mph, Sunny, 50's
OTHER NOTABLE FIELD CONDITIONS: N/A
INITIAL ORGANIC VAPOR METER READINGS: 0.2ppm
INITIAL DEPTH TO WATER: 16.95
TOTAL DEPTH OF WELL:
SCREENED INTERVAL:
PURGE VOLUME CALCULATION: NA
METHOD OF PURGING (circle): peristaltic pump Geo pump grundfos pump Bailer
DISPOSITION OF DISCHARGE WATER: into onsite tank and run through GAC treatment
MONITORING EQUIPMENT USED: Horiba U-52

Well Purging Information

Date 1/26/21 Time	Total volume (gals)	Water Level (ft btoc) <= 0.33 ft	Temp (°C) +/- 1	pH +/- 10%	Turbidity (NTU) 10% or <10 NTU	Conductivity (mS/cm) +/-3%	DO (mg/L) 10% or <0.5 mg/L	ORP (millivolts) +/- 10%	Remarks (color, odor, sheen, sediment, etc.) Stabilization parameters
1205	0.0	16.95	20.29	7.03	11.0	6.65	0.22	89	
1210	0.2	16.97	20.33	7.02	12.5	6.62	0.02	80	
1215	0.5	16.97	20.29	7.02	10.4	6.61	0.00	77	
1220	0.8	16.97	20.47	7.02	9.4	6.57	0.00	74	
1225	1.2	16.97	20.52	7.02	7.8	6.53	0.00	72	
1230	1.5	16.98	20.40	7.02	7.4	6.51	0.00	71	Stable

Sample Information

SAMPLE DATE: 1/26/21 1235
SAMPLE TYPE: grab
SAMPLE MATRIX: groundwater
SAMPLING PERSONNEL: M Booth
SAMPLING METHOD: Peri Pump
SAMPLE ID(s): Artesia-MW11-012621
SAMPLE TEMP/pH/EC/TURB/DO: see last entry, above
NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.): NA
DUPLICATE/BLANK SAMPLE ID(s): MS/MSD Silica 11 (as parent)

Sample ID	Sample Time	Sample Containers No.	Sample Containers Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method	Laboratory
SG	1235	9	40ml VOA	HCl	8260B	Xenco Corpus
Matrix	1235	2	2-1Dal Poly	Ice	300	↓

Initials of sampling personnel: MMB

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PROJECT NUMBER	WELL ID	Purge Date:
D3367411	MW-12	1/26/21

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT: Former Dowell Schlumberger Facility Artesia, New Mexico LOCATION: MW-12

WEATHER (wind/temp/ppt): 50's 10mph s. wind OTHER NOTABLE FIELD CONDITIONS: N/A

INITIAL ORGANIC VAPOR METER READINGS: 0.2

INITIAL DEPTH TO WATER: 17.04 TOTAL DEPTH OF WELL: SCREENED INTERVAL: N/A

PURGE VOLUME CALCULATION: N/A

METHOD OF PURGING (circle): ~~peristaltic pump~~ Geo pump grundfos pump Bailer

DISPOSITION OF DISCHARGE WATER: into onsite tank and run through GAC treatment

MONITORING EQUIPMENT USED: Horiba - U-52

Well Purging Information

Date 1/26/21	Total volume ~~(gals)~~ G	Water Level (ft btoc)	Temp (°C)	pH	Turbidity (NTU)	Conductivity (mS/cm)	DO (mg/L)	ORP (millivolts)	Remarks (color, odor, sheen, sediment, etc.)
Time		<= 0.33 ft	+/- 1	+/- 10%	10% or <10 NTU	+/-3%	10% or <0.5 mg/L	+/- 10%	Stabilization parameters
1000	0.0	17.20	18.25	6.33	45.5	5.72	0.91	45	
1005	0.2	17.18	18.46	6.65	22.1	5.78	0.14	-8	
1010	0.4	17.19	18.87	6.68	9.5	5.76	0.06	-17	
1015	1.0	17.19	19.00	6.70	5.5	5.76	0.03	-22	
1020	1.5	17.16	18.85	6.71	3.3	5.74	0.01	-25	
1025	2.0	17.18	18.95	6.71	8.1	5.73	0.00	-26	
1030	2.5	17.18	18.98	6.72	3.0	5.69	0.00	-27	Stable

Sample Information

SAMPLE DATE: 1/26/21 1035 SAMPLE TYPE: grab SAMPLE MATRIX: groundwater

SAMPLING PERSONNEL: M. Booth

SAMPLING METHOD: Peri Pump SAMPLE TEMP/pH/EC/TURB/DO: see last entry, above

SAMPLE ID(s): Artesia-MW12-012621 DUPLICATE/BLANK SAMPLE ID(s): N/A

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.):

Sample ID	Sample Time	Sample Containers No.	Sample Containers Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method	Laboratory
SW	1035	3	3x40ml VOA	HCl	8260B	XENCO Corpus
Above	1025	1	250ml-poly	ICE	300	↓

Initials of sampling personnel MB

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PROJECT NUMBER	WELL ID	Purge Date:
D3367411	MW-17c	1/26/21

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT: Former Dowell Schlumberger Facility Artesia, New Mexico LOCATION: MW-17c

WEATHER (wind/temp/ppt): 50's Sunny, Rough Sunday OTHER NOTABLE FIELD CONDITIONS: N/A

INITIAL ORGANIC VAPOR METER READINGS: 0.2

INITIAL DEPTH TO WATER: 17.07 TOTAL DEPTH OF WELL: N/A SCREENED INTERVAL: N/A

PURGE VOLUME CALCULATION: NA

METHOD OF PURGING (circle): (peristaltic pump) Geo pump grundfos pump Bailer

DISPOSITION OF DISCHARGE WATER: into onsite tank and run through GAC treatment

MONITORING EQUIPMENT USED: Horiba U52

Well Purging Information

Date 1/26/21	Total volume (gals)	Water Level (ft btoc)	Temp (°C)	pH	Turbidity (NTU)	Conductivity (mS/cm)	DO (mg/L)	ORP (millivolts)	Remarks (color, odor, sheen, sediment, etc.)
Time		<= 0.33 ft	+/- 1	+/- 10%	10% or <10 NTU	+/-3%	10% or <0.5 mg/L	+/- 10%	Stabilization parameters
1055	0.0	17.78	19.83	7.25	4.6	4.52	0.67	7	
1100	0.2	17.65	20.54	7.03	0.8	4.50	0.13	19	
1105	0.4	17.22	20.84	7.01	2.1	4.40	0.00	24	
1110	0.8	17.21	20.99	7.00	2.5	4.48	0.00	28	
1115	1.0	17.24	21.12	6.99	2.4	4.48	0.00	30	
1120	1.5	17.24	21.20	6.99	3.2	4.48	0.00	33	
1125	2.0	17.25	21.08	6.99	5.6	4.48	0.00	34	
1130	2.5	17.25	21.09	6.99	5.8	4.46	0.00	36	Stable

Sample Information

SAMPLE DATE: 1/26/21 1135 SAMPLE TYPE: grab SAMPLE MATRIX: groundwater

SAMPLING PERSONNEL: M. Boor

SAMPLING METHOD: Peri Pump SAMPLE TEMP/pH/EC/TURB/DO: see last entry, above

SAMPLE ID(s): Artesia-MW-17c-012621 DUPLICATE/BLANK SAMPLE ID(s): NA

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.): NA

Sample ID	Sample Time	Sample Containers No.	Sample Containers Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method	Laboratory
See Above	1135	3	40ml VOA	HCL	5260B	Xenco Corpus
	1135	1	250ml Poly	1C	300	X

Initials of sampling personnel MB

GWSample-PurgeForms_template xlsx

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PROJECT NUMBER: D3367411 | WELL ID: MW-36 | Purge Date: 1/26/21

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT: Former Dowell Schlumberger Facility Artesia, New Mexico | LOCATION:

WEATHER (wind/temp/ppt): Windy Cold | OTHER NOTABLE FIELD CONDITIONS:

INITIAL ORGANIC VAPOR METER READINGS: 0.0

INITIAL DEPTH TO WATER: 17.02 | TOTAL DEPTH OF WELL: 25.40 | SCREENED INTERVAL: 15-25

PURGE VOLUME CALCULATION: (25.40 - 17.02) = 8.02 x 0.165 = 1.32 x 3 = 3.96 gal.

METHOD OF PURGING (circle): peristaltic pump Geo pump grundfos pump Bailer

DISPOSITION OF DISCHARGE WATER: into onsite tank and run through GAC treatment

MONITORING EQUIPMENT USED: Heron WL, Horiba U-52, PID MiniRAE

Well Purging Information

Time	Date / Total volume (gals)	Water Level (ft btoc) <= 0.33 ft	Temp (°C) +/- 1	pH +/- 10%	Turbidity (NTU) 10% or <10 NTU	Conductivity (mS/cm) +/-3%	DO (mg/L) 10% or <0.5 mg/L	ORP (millivolts) +/- 10%	Remarks (color, odor, sheen, sediment, etc.) Stabilization parameters
1223	start	Purge							
1224	0.33	17.5	20.09	6.69	62.2	5.71	1.95	-12	Clear/Dry
1229	0.75	18.4	20.59	6.59	29.4	5.72	0.77	-49	turn down purge rate
1234	1.2	18.78	20.59	6.51	14.3	5.69	0.71	-59	
1239	1.75	19.09	20.47	6.73	11.0	5.63	0.63	-67	decrease flow - b/c flow WL keeps dropping, will go with purge volume w/ WL stabilizes
1244	2.0	19.12	20.37	6.73	9.2	5.63	0.60	-70	
1249 54	2.25	19.14	20.31	6.75	4.1	5.56	0.55	-74	
1304	2.50	19.08	20.19	6.86	3.0	5.49	0.74	-78	
1314	2.8	19.05	20.29	6.80	1.8	5.34	0.57	-82	
1324	3.3	19.28	20.46	6.90	1.4	5.28	0.49	-86	
1330	3.6	19.36	20.47	6.80	15	5.28	0.46	-88	Sample

Sample Information

SAMPLE DATE: 1/26/21 | SAMPLE TYPE: grab | SAMPLE MATRIX: groundwater

SAMPLING PERSONNEL: AF (For Shera) | SAMPLE TEMP/pH/EC/TURB/DO: see last entry above

SAMPLING METHOD: Low-Flow | DUPLICATE/BLANK SAMPLE ID(s): None

SAMPLE ID(s): Artesia-MW36-012621

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.):

Sample ID	Sample Time	No.	Sample Containers Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method	Laboratory
Receive 1	1330 1	3 1	40ml VOA 250ml Poly	HCl, 4°C 4°C	8260 LL 300.0	Xenco Eurofins 1

Initials of sampling personnel: AF

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PROJECT NUMBER: D3367411 | WELL ID: MW-37 | Purge Date: 11/26/21

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT: Former Dowell Schlumberger Facility Artesia, New Mexico
LOCATION: Artesia, NM
WEATHER (wind/temp/ppt): Wind from S
OTHER NOTABLE FIELD CONDITIONS:
INITIAL ORGANIC VAPOR METER READINGS: 0.0
INITIAL DEPTH TO WATER: 17.01
PURGE VOLUME CALCULATION:
TOTAL DEPTH OF WELL: 25.05
SCREENED INTERVAL: 15-25
METHOD OF PURGING (circle): peristaltic pump / Geo pump / grundfos pump / Bailer
DISPOSITION OF DISCHARGE WATER: into onsite tank and run through GAC treatment
MONITORING EQUIPMENT USED: Horiba U52, Heron MI, Mirage PID

Well Purging Information

Time	Date / Total volume (gals)	Water Level (ft btoc) <= 0.33 ft	Temp (°C) +/- 1	pH +/- 10%	Turbidity (NTU) 10% or <10 NTU	Conductivity (mS/cm) +/-3%	DO (mg/L) 10% or <0.5 mg/L	ORP (millivolts) +/- 10%	Remarks (color, odor, sheen, sediment, etc.) Stabilization parameters
1003	Start	purge							
1257	start of H_2O								
~~1258~~	0.3								
1203 ~~1403~~	0.6	17.43	20.74	7.26	16.6	5.50	2.23	-4	pump not running come back
1208 ~~1408~~	0.9	17.64	21.31	7.08	14.5	5.55	0.86	-1	
1213 ~~1413~~	1.3	17.64	21.30	6.98	24.0	5.49	0.13	4	turn down flow.
1218 ~~1418~~	1.7	17.60	21.37	6.97	13.0	5.45	0.58	7	
1223 ~~1423~~	2.25	17.60	21.37	6.97	7.9	5.47	0.98	11	
			21.35	6.97	3.1	5.52	0.41	16	sample stabilization

Sample Information

SAMPLE DATE: 11/26/21
SAMPLING PERSONNEL: A. Forsberg
SAMPLE TYPE: grab
SAMPLE MATRIX: groundwater
SAMPLING METHOD: Low-flow stabilization
SAMPLE ID(s): Artesia-MW37-112621
SAMPLE TEMP/pH/EC/TURB/DO: see last entry, above
NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.):
DUPLICATE/BLANK SAMPLE ID(s): Artesia-MD37-012621

Sample ID	Sample Time	Sample Containers No.	Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method	Laboratory
Greenhouse	1224	3	40ml VOA	4°C, HCl	8260 LL	Xenco Eurofins
		1	250ml poly	4°C	300.0	
Greenhouse	1225	3	40ml VOA	4°C, HCl	8260 LL	
		1	250 ml poly	4°C	300.0	

Initials of sampling personnel: AF

GWSample-PurgeForms_template.xlsx

Received by OCD: 3/25/2022 8:54:12 AM
Released to Imaging: 6/14/2022 10:51:35 AM

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PROJECT NUMBER	WELL ID	Purge Date:
D3367411	MW 38	1/26/21

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT: Former Dowell Schlumberger Facility Artesia, New Mexico — LOCATION:

WEATHER (wind/temp/ppt): partly cloudy, windy from S — OTHER NOTABLE FIELD CONDITIONS:

INITIAL ORGANIC VAPOR METER READINGS: 0.0

INITIAL DEPTH TO WATER: 17.08 — TOTAL DEPTH OF WELL: — SCREENED INTERVAL:

PURGE VOLUME CALCULATION:

METHOD OF PURGING (circle): peristaltic pump Geo pump grundfos pump Bailer

DISPOSITION OF DISCHARGE WATER: into onsite tank and run through GAC treatment

MONITORING EQUIPMENT USED: Horn, Horiba U-52, MiniRAE

Well Purging Information

Date / Time	Total volume (gals)	Water Level (ft btoc) <= 0.33 ft	Temp (°C) +/- 1	pH +/- 10%	Turbidity (NTU) 10% or <10 NTU	Conductivity (mS/cm) +/-3%	DO (mg/L) 10% or <0.5 mg/L	ORP (millivolts) +/- 10%	Remarks (color, odor, sheen, sediment, etc.) Stabilization parameters
1135	START OF H_2O								
1138	0.3	17.45	19.71	6.63	30.4	5.805	1.52	31	
1143	0.8	17.70	20.88	6.80	29.4	5.49	0.76	5	turbidum flow
1148	1.25	17.90	20.90	6.77	19.5	5.22	0.72	-8	
1153	2.0	17.73	20.91	6.79	4.5	5.20	0.67	-14	
1158	2.4	17.75	20.95	6.80	3.5	5.21	0.65	-17	
1203	2.8	17.76	21.01	6.81	2.4	5.20	0.62	-20	stabilization, collect sample

Sample Information

SAMPLE DATE: 1/26/21 — SAMPLE TYPE: grab — SAMPLE MATRIX: groundwater

SAMPLING PERSONNEL: A. Forsberg

SAMPLING METHOD: low-flow — SAMPLE TEMP/pH/EC/TURB/DO: see last entry, above

SAMPLE ID(s): Artesia-MW38-012621 — DUPLICATE/BLANK SAMPLE ID(s): None

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.):

Sample ID	Sample Time	Sample Containers No.	Sample Containers Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method	Laboratory
see above	1203	3	40 mL VOA	HCl 4°C	8260 LL	Xenco Eurofins
↓		1	250 mL poly	4°C	300.0	↓ ↓

Initials of sampling personnel: AF

Received by OCD: 3/25/2022 8:51:12 AM

Released to Imaging: 6/14/2022 10:51:35 AM

PROJECT NUMBER	WELL ID	Purge Date:
D3367411	MW-11	4/28/21

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT: Grants Chlorinated Solvents Plume LOCATION: Grants, NM

WEATHER (wind/temp/ppt): 15mph wind, cloudy, 70's OTHER NOTABLE FIELD CONDITIONS:

INITIAL ORGANIC VAPOR METER READINGS: 0.0ppm

INITIAL DEPTH TO WATER: 17.65 TOTAL DEPTH OF WELL: 30.35 SCREENED INTERVAL:

PURGE VOLUME CALCULATION:

METHOD OF PURGING (circle): peristaltic pump submersible pump

DISPOSITION OF DISCHARGE WATER: ~~into onsite tank and run through~~ GAC treatment

MONITORING EQUIPMENT USED: Horiba-U52

Well Purging Information

Date	Total volume (gals)	Water Level (ft btoc)	Temp (°C)	pH	Turbidity (NTU)	Conductivity (mS/cm)	DO (mg/L)	ORP (millivolts)	Remarks (color, odor, sheen, sediment, etc.)
4/28/21		<= 0.33 ft	+/- 1	+/- 10%	10% or <10 NTU	+/-3%	10% or <0.5 mg/L	+/- 10%	Stabilization parameters
Time									
1335	0	17.69	21.73	7.03	15.3	5.48	0.00	39	~100mL/min
1340	0.2	17.70	21.56	6.87	14.7	5.57	0.00	52	
1345	0.5	17.70	21.45	6.83	15.3	5.66	0.00	61	
1350	0.8	17.70	21.50	6.83	16.3	5.62	0.00	66	
1355	1.2	17.70	21.60	6.83	12.6	5.58	0.00	68	
1400	1.5	17.70	21.58	6.84	9.2	5.52	0.00	70	
1405	1.8	17.70	21.57	6.83	6.9	5.45	0.00	73	
1410	2.2	17.70	21.57	6.82	5.0	5.41	0.00	76	Parameters Stable

Sample Information

SAMPLE DATE: 4/28/21 SAMPLE TYPE: grab SAMPLE MATRIX: groundwater

SAMPLING PERSONNEL: MB

SAMPLING METHOD: Low Flow - Peri Pump SAMPLE TEMP/pH/EC/TURB/DO: see last entry, above

SAMPLE ID(s): Artesia-MW11-042521 DUPLICATE/BLANK SAMPLE ID(s): Artesia MD-11-042521

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.):

Sample ID	Sample Time	Sample Containers No.	Sample Containers Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method	Laboratory
See	1405	3	3x40mL VOA	HCL	8260	Xenco Houston
Above	1415	1	1x250 Poly	Ice	300	
Dup	1410	3	3x40mL VOA	HCL	8260	
Dup	1410	1	1x250 Poly	Ice	300	

Initials of sampling personnel MB

PROJECT NUMBER	WELL ID	Purge Date:
D3367411	MW-12	4/28/21

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT: Grants Chlorinated Solvents Plume LOCATION: Grants, NM Artesia NM

WEATHER (wind/temp/ppt): 10-15 mph, cloudy, 65°F OTHER NOTABLE FIELD CONDITIONS:

INITIAL ORGANIC VAPOR METER READINGS: 0.0 ppm

INITIAL DEPTH TO WATER: 17.72 TOTAL DEPTH OF WELL: 25.68 SCREENED INTERVAL:

PURGE VOLUME CALCULATION:

METHOD OF PURGING (circle): peristaltic pump submersible pump

DISPOSITION OF DISCHARGE WATER: ~~into onsite tank and run through~~ GAC treatment

MONITORING EQUIPMENT USED: Horiba U-52

Well Purging Information

Date 4/28/21	Total volume (gals)	Water Level (ft btoc)	Temp (°C)	pH	Turbidity (NTU)	Conductivity (mS/cm)	DO (mg/L)	ORP (millivolts)	Remarks (color, odor, sheen, sediment, etc.)
Time		<= 0.33 ft	+/- 1	+/- 10%	10% or <10 NTU	+/-3%	10% or <0.5 mg/L	+/- 10%	Stabilization parameters
1230	0	17.83	22.44	7.03	13.2	4.93	0.00	-6	~ 75mL/min
1235	0.1	17.92	21.45	6.56	7.9	5.01	0.00	-10	clear
1240	0.3	17.94	21.45	6.51	13.4	5.02	0.00	-11	
1245	0.6	17.92	21.52	6.52	4.1	5.02	0.00	-11	
1250	1.0	17.92	21.57	6.53	2.0	5.00	0.00	-12	
1255	1.2	17.91	21.49	6.54	9.8	4.96	0.00	-14	
1300	1.5	17.90	21.42	6.55	0.8	4.89	0.00	-15	
1305	2.2	17.90	21.45	6.56	0.5	4.84	0.00	-15	Parameters Stable

Sample Information

SAMPLE DATE: 4/28/21 SAMPLE TYPE: grab SAMPLE MATRIX: groundwater

SAMPLING PERSONNEL: MB

SAMPLING METHOD: Low Flow - Peri Pump SAMPLE TEMP/pH/EC/TURB/DO: see last entry, above

SAMPLE ID(s): Artesia-MW12-042821 DUPLICATE/BLANK SAMPLE ID(s):

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.):

Sample ID	Sample Time	Sample Containers No.	Sample Containers Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method	Laboratory
See	1310	3	3x40mL VOA	HCL	8260	Xenco Houston
Above	1310	1	1x250mL Poly	Ice	300	"

Initials of sampling personnel MB

PROJECT NUMBER	WELL ID	Purge Date:
D3367411	MW-17C	4/28/21

GROUNDWATER SAMPLING FIELD DATA SHEET

Former DS facility

PROJECT: ~~Grants Chlorinated Solvents Plume~~ LOCATION: ~~Grants, NM~~ Artesia, NM

WEATHER (wind/temp/ppt): Unplowed, cloudy, 65° F OTHER NOTABLE FIELD CONDITIONS:

INITIAL ORGANIC VAPOR METER READINGS: 0.0ppm

INITIAL DEPTH TO WATER: 17.72 TOTAL DEPTH OF WELL: 62.36 SCREENED INTERVAL:

PURGE VOLUME CALCULATION:

METHOD OF PURGING (circle): peristaltic pump submersible pump

DISPOSITION OF DISCHARGE WATER: into onsite tank and run through GAC treatment

MONITORING EQUIPMENT USED: Horiba U-52

Well Purging Information

Date 4/28/21	Total volume (gals)	Water Level (ft btoc)	Temp (°C)	pH	Turbidity (NTU)	Conductivity (mS/cm)	DO (mg/L)	ORP (millivolts)	Remarks (color, odor, sheen, sediment, etc.)
Time		<= 0.33 ft	+/- 1	+/- 10%	10% or <10 NTU	+/-3%	10% or <0.5 mg/L	+/- 10%	Stabilization parameters
1140	0	17.96	21.52	7.07	4.6	3.99	0.00	32	~100mL/min
1145	0.2	17.95	21.55	6.98	3.7	3.95	0.00	46	Clear
1150	0.5	17.94	21.65	6.92	4.0	3.94	0.00	52	
1155	0.8	17.94	21.64	6.89	5.4	3.93	0.00	56	
1200	1.2	17.95	21.60	6.87	5.1	3.92	0.00	62	
1205	1.5	17.95	21.55	6.86	7.0	3.91	0.00	65	
1210	1.8	17.95	21.57	6.85	8.6	3.92	0.00	66	Parameters stable

Sample Information

SAMPLE DATE: 4/28/21 SAMPLE TYPE: grab SAMPLE MATRIX: groundwater

SAMPLING PERSONNEL: MB

SAMPLING METHOD: Low Flow - Peri Pump SAMPLE TEMP/pH/EC/TURB/DO: see last entry, above

SAMPLE ID(s): Artesia-MW17C-042821 DUPLICATE/BLANK SAMPLE ID(s): —

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.):

Sample ID	Sample Time	Sample Containers No.	Sample Containers Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method	Laboratory
See	1215	3	3x40mL VOA	HCL	8260	Xenco Houston
Above	1215	1	1x 250mL Poly	ICE	300	

Initials of sampling personnel MB

PROJECT NUMBER	WELL ID	Purge Date:
D3367411	MW36	4/28/21

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT: Former Dowell Schlumberger Facility ~~Grants Chlorinated Solvents Plume~~ LOCATION: ~~Grants, NM~~ Artesia NM

WEATHER (wind/temp/ppt): partly cloudy, 3rd wind OTHER NOTABLE FIELD CONDITIONS: None

INITIAL ORGANIC VAPOR METER READINGS: 0.0

INITIAL DEPTH TO WATER: 17.78 TOTAL DEPTH OF WELL: 25.40 ~~3.56~~ SCREENED INTERVAL: 15-25

PURGE VOLUME CALCULATION: (25.40-17.78) x 0.165 = 1.25 * [3 x 0.165] = ~~4.55~~ gallons

METHOD OF PURGING (circle): peristaltic pump submersible pump

DISPOSITION OF DISCHARGE WATER: into onsite tank and run through GAC treatment

MONITORING EQUIPMENT USED: WLI, PID, Horiba U-52

Well Purging Information

Date / Time	Total volume (gals)	Water Level (ft btoc) <= 0.33 ft	Temp (°C) +/- 1	pH +/- 10%	Turbidity (NTU) 10% or <10 NTU	Conductivity (mS/cm) +/-3%	DO (mg/L) 10% or <0.5 mg/L	ORP (millivolts) +/- 10%	Remarks (color, odor, sheen, sediment, etc.) Stabilization parameters
1247	Start purge								
1248	0.25	18.14	20.56	6.52	17.3	5.05	3.01	-80	
1253	0.5	18.75	19.46	6.62	14.6	5.07	1.09	-109	turn pump down
1258	0.75	19.15	19.34	6.63	15.7	5.07	0.84	-108	turn pump down
1303	0.9	19.21	19.59	6.64	16.4	5.06	0.65	-105	
1308	1.15	19.35	19.49	6.64	16.9	5.04	0.58	-101	
1313	1.30	19.48	19.47	6.66	13.5	5.02	0.54	-106	
1318	1.6	19.55	19.46	6.65	8.6	5.00	0.48	-105	pump off battery dead, restart
1326	1.75	19.38	19.36	6.66	5.4	5.01	0.47	-89	flow rate 225 mL/min
1335	2.5	19.75	18.88	6.67	2.6	4.95	0.40	-113	turn down pump
1345	2.75	19.92	18.83	6.68	2.3	4.93	0.38	-109	
1355	3.25	20.0	18.86	6.69	1.6	4.91	0.37	-107	
1405	3.75	20.13	18.83	6.68	1.1	4.86	0.33	-108	sample
				end WL = 19.95					

Sample Information

SAMPLE DATE: 4/28/21 SAMPLE TYPE: grab SAMPLE MATRIX: groundwater

SAMPLING PERSONNEL: A Forsberg SAMPLE TEMP/pH/EC/TURB/DO: see last entry, above

SAMPLING METHOD: low-flow + purge vol (3x sat casing) DUPLICATE/BLANK SAMPLE ID(s): None

SAMPLE ID(s): Artesia-MW36-042821

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.): see above (last measurement)

Sample ID	Sample Time	No.	Sample Containers Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method	Laboratory
see above	1415	3	40mL VOA	HCl 4°C	8260	Xenco Houston MS/MSD
↓	↓	1	250mL	4°C	300.0	Xenco Houston

Initials of sampling personnel AF

GWSample-PurgeForms_template.xlsx

Received by OCD: 3/25/2022 8:51:12 AM

PROJECT NUMBER D3367411 | WELL ID MW-37 | Purge Date: 4/28/21

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT: Former DS Facility — Grants Chlorinated Solvents Plume — LOCATION: ~~Grants, NM~~ Artesia, NM

WEATHER (wind/temp/ppt): Cloudy, 10mph wind 65°F — OTHER NOTABLE FIELD CONDITIONS:

INITIAL ORGANIC VAPOR METER READINGS: 0.0

INITIAL DEPTH TO WATER: 17.67 — TOTAL DEPTH OF WELL: 25.15 — SCREENED INTERVAL:

PURGE VOLUME CALCULATION:

METHOD OF PURGING (circle): (peristaltic pump) submersible pump

DISPOSITION OF DISCHARGE WATER: ~~into onsite tank and run through GAC treatment~~ GAC System

MONITORING EQUIPMENT USED: Horiba U-52

Well Purging Information

Date 4/28/21 Time	Total volume (gals)	Water Level (ft btoc) <= 0.33 ft	Temp (°C) +/- 1	pH +/- 10%	Turbidity (NTU) 10% or <10 NTU	Conductivity (mS/cm) +/-3%	DO (mg/L) 10% or <0.5 mg/L	ORP (millivolts) +/- 10%	Remarks (color, odor, sheen, sediment, etc.) Stabilization parameters
0940	Ø	15.05	21.97	5.97	14.4	5.10	0.84	201	~100 mL/min
0945	0.1	18.07	21.58	6.42	15.4	5.09	0.53	198	
0950	0.3	18.07	21.60	6.49	17.0	5.06	0.00	196	
0955	0.4	17.97	21.61	6.51	19.3	5.00	0.00	170	
1000	0.7	17.94	21.58	6.53	16.1	5.01	0.00	159	
1005	1.0	17.90	21.60	6.54	13.7	5.03	0.00	169	
1010	1.1	17.90	21.59	6.53	12.0	5.04	0.00	179	
1015	1.3	17.90	21.50	6.53	10.5	5.02	0.00	185	
1020	1.5	17.90	21.56	6.54	9.8	5.06	0.00	197	Parameters stable

Sample Information

SAMPLE DATE: 4/28/21 — SAMPLE TYPE: grab — SAMPLE MATRIX: groundwater

SAMPLING PERSONNEL: MB — SAMPLE TEMP/pH/EC/TURB/DO: see last entry, above

SAMPLING METHOD: Peri Pump — DUPLICATE/BLANK SAMPLE ID(s):

SAMPLE ID(s): Artesia-MW37-042821

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.):

Sample ID	Sample Time	Sample Containers No.	Sample Containers Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method	Laboratory
See Above	1025	3	3x 40mL VOA	HCl	8260	TA Xenco Houston
	1025	1	1x 250mL Poly	Ice	300	

Initials of sampling personnel: MB

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PROJECT NUMBER: D3367411 | WELL ID: MW-35 | Purge Date: 4/28/21

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT: Former DS Facility ~~Grants Chlorinated Solvents Plume~~ LOCATION: ~~Grants, NM~~ Artesia NM

WEATHER (wind/temp/ppt): rain, 600 ft, 10 mph wind OTHER NOTABLE FIELD CONDITIONS:

INITIAL ORGANIC VAPOR METER READINGS: 0.0 ppm

INITIAL DEPTH TO WATER: 17.77 TOTAL DEPTH OF WELL: 25.00 SCREENED INTERVAL:

PURGE VOLUME CALCULATION:

METHOD OF PURGING (circle): ~~peristaltic pump~~ submersible pump

DISPOSITION OF DISCHARGE WATER: ~~into onsite tank and run through GAC treatment~~ GAC System

MONITORING EQUIPMENT USED: Horiba U-52

Well Purging Information

Date	Total volume (gals)	Water Level (ft btoc)	Temp (°C)	pH	Turbidity (NTU)	Conductivity (mS/cm)	DO (mg/L)	ORP (millivolts)	Remarks (color, odor, sheen, sediment, etc.)
4/28/21		<= 0.33 ft	+/- 1	+/- 10%	10% or <10 NTU	+/-3%	10% or <0.5 mg/L	+/- 10%	Stabilization parameters
Time									~100 mL/min
1045	0	17.99	21.61	6.73	24	5.26	0.00	36	Clear
1050	0.2	18.03	21.42	6.54	3.0	5.21	0.00	7	
1055	0.5	18.03	21.35	6.52	3.4	5.02	0.00	-5	
1100	0.8	18.03	21.36	6.49	4.5	4.88	0.00	-4	
1105	1.2	18.04	21.35	6.48	1.8	4.80	0.00	-5	
1110	1.5	18.04	21.33	6.48	2.3	4.76	0.00	-5	Parameters Stable
1115	1.9	18.04	21.32	6.47	3.4	4.74	0.00	-5	

Sample Information

SAMPLE DATE: 4/28/21 SAMPLE TYPE: grab SAMPLE MATRIX: groundwater

SAMPLING PERSONNEL: MB SAMPLE TEMP/pH/EC/TURB/DO: see last entry, above

SAMPLING METHOD: Low Flow - Peri Pump DUPLICATE/BLANK SAMPLE ID(s):

SAMPLE ID(s): Artesia-MW35-042821

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.):

Sample ID	Sample Time	Sample Containers No.	Sample Containers Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method	Laboratory
See	1120	3	3x40mL VOA	HCl	8260	Xenco Houston
Above	1120	1	1x250mL poly	IC	300	↓

Initials of sampling personnel: MB

PROJECT NUMBER	WELL ID	Purge Date:
D3367411	MW-11	7/1/2021

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT: Former Dowell Schlumberger Facility Artesia, New Mexico LOCATION: Artesia, NM

WEATHER (wind/temp/ppt): 80°F, clear, 5-10mph OTHER NOTABLE FIELD CONDITIONS:

INITIAL ORGANIC VAPOR METER READINGS: 1.2

INITIAL DEPTH TO WATER: 17.29 TOTAL DEPTH OF WELL: 30.32 SCREENED INTERVAL:

PURGE VOLUME CALCULATION:

METHOD OF PURGING (circle): peristaltic pump Geo pump grundfos pump Bailer

DISPOSITION OF DISCHARGE WATER: into onsite tank and run through GAC treatment

MONITORING EQUIPMENT USED:

Well Purging Information

Date 7/1/21 Time	Total volume (gals)	Water Level (ft btoc) <= 0.33 ft	Temp (°C) +/- 1	pH +/- 10%	Turbidity (NTU) 10% or <10 NTU	Conductivity (mS/cm) +/-3%	DO (mg/L) 10% or <0.5 mg/L	ORP (millivolts) +/- 10%	Remarks (color, odor, sheen, sediment, etc.) Stabilization parameters
1335	0.0	17.30	23.97	7.07	10.3	5.88	0.87	109	
1340	0.25	17.33	23.18	7.01	6.3	5.98	0.61	111	
1345	0.5	17.33	22.55	6.99	3.9	6.07	0.79	113	
1350	1.0	17.34	22.18	6.99	9.3	6.23	0.42	105	
1355	1.5	17.34	21.18	6.99	10.4	6.22	0.40	105	
1400	2.0	17.35	21.17	6.99	11.4	6.22	0.38	105	
1405	2.5	17.35	21.29	6.99	9.7	6.20	0.38	104	
1410	3.0	17.35	21.64	7.02	9.2	6.13	0.48	104	
1415	3.5	17.35	21.59	7.04	9.5	6.10	0.50	107	Parameters Stable

Sample Information

SAMPLE DATE: 7/1/21 SAMPLE TYPE: grab SAMPLE MATRIX: groundwater

SAMPLING PERSONNEL: MB

SAMPLING METHOD: Peri Pump - Low Flow SAMPLE TEMP/pH/EC/TURB/DO: see last entry, above

SAMPLE ID(s): Artesia-MW11-070121 DUPLICATE/BLANK SAMPLE ID(s):

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.): MS/MSD

Sample ID	Sample Time	Sample Containers No.	Sample Containers Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method	Laboratory
SW	1420	9	40mL Vca	HCL	8260C	Xenco Houston
Above	1420	1	250mL Poly	Ice	300	Xenco Houston

Initials of sampling personnel MB

PROJECT NUMBER	WELL ID	Purge Date:
D3367411	MW-12	7/1/21

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT: Former Dowell Schlumberger Facility Artesia, New Mexico LOCATION: Artesia NM

WEATHER (wind/temp/ppt): 80 F, clear, 5-10 mph OTHER NOTABLE FIELD CONDITIONS: —

INITIAL ORGANIC VAPOR METER READINGS: 2.9

INITIAL DEPTH TO WATER: 17.38 TOTAL DEPTH OF WELL: — SCREENED INTERVAL: —

PURGE VOLUME CALCULATION: —

METHOD OF PURGING (circle): peristaltic pump Geo pump grundfos pump Bailer

DISPOSITION OF DISCHARGE WATER: into onsite tank and run through GAC treatment

MONITORING EQUIPMENT USED: Horiba U-52

Well Purging Information

Date 7/1/21 Time	Total volume (gals)	Water Level (ft btoc) <= 0.33 ft	Temp (°C) +/- 1	pH +/- 10%	Turbidity (NTU) 10% or <10 NTU	Conductivity (mS/cm) +/-3%	DO (mg/L) 10% or <0.5 mg/L	ORP (millivolts) +/- 10%	Remarks (color, odor, sheen, sediment, etc.) Stabilization parameters
1225	0.0	17.60	23.41	6.35	21.3	5.09	0.61	-90	
1230	0.25	17.61	23.34	6.34	32.1	5.07	0.57	-94	
1235	0.5	17.62	22.87	6.39	3.0	5.02	0.50	-104	
1240	0.75	17.62	22.77	6.43	0.0	4.96	0.56	-112	
1245	1.0	17.60	22.75	6.46	8.0	4.93	0.62	-115	
1250	1.5	17.57	22.93	6.50	8.0	4.90	0.61	-121	
1255	2.0	17.57	23.04	6.54	0.0	4.87	0.57	-126	Parameters Stable

Sample Information

SAMPLE DATE: 7/1/21 SAMPLE TYPE: grab SAMPLE MATRIX: groundwater

SAMPLING PERSONNEL: MB

SAMPLING METHOD: Peri Pump - Low Flow SAMPLE TEMP/pH/EC/TURB/DO: see last entry, above

SAMPLE ID(s): Artesia-MW12-070121 DUPLICATE/BLANK SAMPLE ID(s): —

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.): —

Sample ID	Sample Time	Sample Containers No.	Sample Containers Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method	Laboratory
GW above	1300	3	3x40mL VOA	HCl	8260C	Xenco Houston
	1300	1	250mL Poly	Ice	300	↓

Initials of sampling personnel: MB

PROJECT NUMBER	WELL ID	Purge Date:
D3367411	MW-17C	7/1/2021

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT: Former Dowell Schlumberger Facility Artesia, New Mexico
LOCATION: Artesia, NM
WEATHER (wind/temp/ppt): 80 F, Clear, Sunny
OTHER NOTABLE FIELD CONDITIONS:
INITIAL ORGANIC VAPOR METER READINGS: 12.2
INITIAL DEPTH TO WATER: 17.36
TOTAL DEPTH OF WELL: —
SCREENED INTERVAL: —
PURGE VOLUME CALCULATION:
METHOD OF PURGING (circle): peristaltic pump Geo pump grundfos pump Bailer
DISPOSITION OF DISCHARGE WATER: into onsite tank and run through GAC treatment
MONITORING EQUIPMENT USED: Horiba U-52

Well Purging Information

Date	Total volume	Water Level	Temp (°C)	pH	Turbidity (NTU)	Conductivity (mS/cm)	DO (mg/L)	ORP (millivolts)	Remarks (color, odor, sheen, sediment, etc.)
7/1/21									
Time		<= 0.33 ft	+/- 1	+/- 10%	10% or <10 NTU	+/-3%	10% or <0.5 mg/L	+/- 10%	Stabilization parameters
1130	0.0	17.58	22.20	5.56	2.3	4.20	1.90	265	Pump on
1135	0.1	17.58	21.94	5.89	0.0	4.21	0.99	253	
1140	0.25	17.58	21.72	6.13	1.6	4.19	0.67	243	
1145	0.4	17.57	21.67	6.33	11.2	4.19	0.54	235	
1150	0.55	17.56	21.75	6.40	15.0	4.19	0.52	231	
1155	0.75	17.57	21.82	6.52	23.5	4.18	0.47	226	
1200	0.9	17.57	21.76	6.63	23.4	4.20	0.45	214	
1205	1.25	17.57	21.70	6.68	23.3	4.20	0.44	208	Parameters stable

Sample Information

SAMPLE DATE: 7/1/21
SAMPLE TYPE: grab
SAMPLE MATRIX: groundwater
SAMPLING PERSONNEL: M. Booth
SAMPLING METHOD: Peri Pump / Low Flow
SAMPLE TEMP/pH/EC/TURB/DO: see last entry, above
SAMPLE ID(s): Artesia-MW17C-070121
DUPLICATE/BLANK SAMPLE ID(s): —
NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.): —

Sample ID	Sample Time	Sample Containers No.	Sample Containers Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method	Laboratory
MW	1210	3	40mL VOA	HCL	8260C	Xenco Houston
Above	1210	1	250mL Poly	ICE	300	"

Initials of sampling personnel: MB

PROJECT NUMBER	WELL ID	Purge Date:
D3367411	MW-36	7/1/21

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT: Former Dowell Schlumberger Facility Artesia, New Mexico
LOCATION: Artesia, NM
WEATHER (wind/temp/ppt): HOT, HUMID
OTHER NOTABLE FIELD CONDITIONS: heavy rain past few days standing H_2O on site
INITIAL ORGANIC VAPOR METER READINGS: 0.0
INITIAL DEPTH TO WATER: 17.41
TOTAL DEPTH OF WELL: 24
SCREENED INTERVAL: 14-24
PURGE VOLUME CALCULATION: (24-17.41) x 0.163 = 1.07 x 3 = 3.22 gal
METHOD OF PURGING (circle): peristaltic pump / Geo pump / grundfos pump / Bailer
DISPOSITION OF DISCHARGE WATER: into onsite tank and run through GAC treatment
MONITORING EQUIPMENT USED: Horiba U-52, Heron WLI, Geopump, MiniRAE PID

Well Purging Information

Date / Time	Total volume (gals)	Water Level (ft btoc) <= 0.33 ft	Temp (°C) +/- 1	pH +/- 10%	Turbidity (NTU) 10% or <10 NTU	Conductivity (mS/cm) +/-3%	DO (mg/L) 10% or <0.5 mg/L	ORP (millivolts) +/- 10%	Remarks (color, odor, sheen, sediment, etc.) Stabilization parameters
1131	pump on								
1135	~~180.3~~	17.90	25.36	6.74	~~3.05~~	4.59	0.00	-101	start of H_2O. Turn down flow
1140	0.5	18.35	23.02	7.01	2.8	4.76	0.00	-110	
1148	1.15	18.97	23.70	7.11	0.0	4.69	0.00	-108	pump on lowest purge setting
1155	1.30	19.15	23.78	7.13	0.0	4.68	0.00	-108	
1205	1.6	19.4	24.08	7.15	0.0	4.61	0.00	-110	
1210	1.9	19.51	24.17	7.16	0.0	4.57	0.00	-108	
1218	2.3	19.62	24.36	7.18	0.0	4.54	0.00	-110	
1225	2.7	19.75	24.42	7.18	0.0	4.51	0.00	-109	
1230	3.0	19.84	24.32	7.19	0.0	4.50	0.00	-107	
1235	3.3	19.92	24.49	7.19	0.0	4.50	0.00	-112	well "dry" will come back for sample
1440	—	17.40	—	—	—	—	—	—	

Sample Information

SAMPLE DATE: 7/1/21
SAMPLE TYPE: grab
SAMPLE MATRIX: groundwater
SAMPLING PERSONNEL: Alecia Forsberg
SAMPLING METHOD: purge volume
SAMPLE TEMP/pH/EC/TURB/DO: see last entry, above
SAMPLE ID(s): Artesia-MW36-070721
DUPLICATE/BLANK SAMPLE ID(s):
NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.):

Sample ID	Sample Time	Sample Containers No.	Sample Containers Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method	Laboratory
see above	1440	3	40mL HCL VOA	4°C, HCL	8260D Limited list, 300.0 sulfate	Xenco Houston
		1	250mL poly	4°C		Xenco Houston

Initials of sampling personnel: AF

GWSample-PurgeForms_template.xlsx

PROJECT NUMBER	WELL ID	Purge Date:
D3367411	MW-37	7/1/21

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT: Former Dowell Schlumberger Facility Artesia, New Mexico LOCATION: Artesia, NM

WEATHER (wind/temp/ppt): HOT, HUMID, BREEZY OTHER NOTABLE FIELD CONDITIONS

INITIAL ORGANIC VAPOR METER READINGS 0.2

INITIAL DEPTH TO WATER: 7.23 TOTAL DEPTH OF WELL: SCREENED INTERVAL:

PURGE VOLUME CALCULATION:

METHOD OF PURGING (circle): peristaltic pump Geo pump grundfos pump Bailer

DISPOSITION OF DISCHARGE WATER: into onsite tank and run through GAC treatment

MONITORING EQUIPMENT USED:

Well Purging Information

Date / Time	Total volume (gals)	Water Level (ft btoc) <= 0.33 ft	Temp (°C) +/- 1	pH +/- 10%	Turbidity (NTU) 10% or <10 NTU	Conductivity (mS/cm) +/-3%	DO (mg/L) 10% or <0.5 mg/L	ORP (millivolts) +/- 10%	Remarks (color, odor, sheen, sediment, etc.) Stabilization parameters
1349	Start pump								
1352	0.3	17.55	25.89	7.40	5.8	5.05	0.00	132	start of H_2O
1401	0.5	17.41	25.42	7.40	4.0	5.25	0.00	183	
1406	0.75	17.51	25.90	7.27	3.4	5.03	0.00	205	
1412	1.0	17.55	24.45	7.27	3.3	5.11	0.00	218	
1418	1.25	17.54	24.33	7.27	2.9	5.06	0.00	221	
1424	1.5	17.53	23.40	7.26	3.3	5.19	0.00	224	
1429	1.75	17.54	23.08	7.27	3.6	5.20	0.00	226	
1435	2.0	17.56	24.08	7.27	2.4	5.09	0.00	228	sample

Sample Information

SAMPLE DATE: 7/1/21 SAMPLE TYPE: grab SAMPLE MATRIX: groundwater

SAMPLING PERSONNEL: A. Forsberg

SAMPLING METHOD: Low flow w/stabilization SAMPLE TEMP/pH/EC/TURB/DO: see last entry, above

SAMPLE ID(s): Artesia-MW37-070121 DUPLICATE/BLANK SAMPLE ID(s): Artesia-MD37-070121

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.): light orange tinge, no odor

Sample ID	Sample Time	Sample Containers No.	Sample Containers Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method	Laboratory
Sec above	1435	3	40ml VOA	4°C HCl	8260 VL	Xenco Houston
		1	250ml poly	4°C	300.0	Sulfate Xenco
FD	1445	3	40ml VOA	4°C HCl	8260 VL	
		1	250ml poly	4°C	300.0 sulfate	

Initials of sampling personnel: AF

GWSample-PurgeForms_template.xlsx

PROJECT NUMBER	WELL ID	Purge Date:
D3367411	MW-38	7/1/21

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT: Former Dowell Schlumberger Facility Artesia, New Mexico LOCATION: Artesia, NM

WEATHER (wind/temp/ppt): OTHER NOTABLE FIELD CONDITIONS:

INITIAL ORGANIC VAPOR METER READINGS: 0.2ppm

INITIAL DEPTH TO WATER: 17.39 TOTAL DEPTH OF WELL: 24 SCREENED INTERVAL: 14-24

PURGE VOLUME CALCULATION:

METHOD OF PURGING (circle): (peristaltic pump) Geo pump grundfos pump Bailer

DISPOSITION OF DISCHARGE WATER: into onsite tank and run through GAC treatment

MONITORING EQUIPMENT USED: Horiba U-52 Heron WLI, MiniRAE PID

Well Purging Information

Date	Total volume (gals)	Water Level (ft btoc)	Temp (°C)	pH	Turbidity (NTU)	Conductivity (mS/cm)	DO (mg/L)	ORP (millivolts)	Remarks (color, odor, sheen, sediment, etc.)
Time		<= 0.33 ft	+/- 1	+/- 10%	10% or <10 NTU	+/-3%	10% or <0.5 mg/L	+/- 10%	Stabilization parameters
1254	pump on, begin purge								
1255	0.3	17.72	22.86	7.24	2.3	5.57	0.00	3	
1300	0.6	17.71	21.20	7.21	0.0	5.76	0.00	-6	
1308	1.25	17.70	20.72	7.20	0.0	5.62	0.00	-16	
1313	1.75	17.71	21.45	7.19	0.0	5.31	0.00	-19	
1320	2.25	17.71	21.24	7.18	1.0	5.20	0.00	-28	
1326	2.75	17.71	21.37	7.18	0.4	5.12	0.00	-37	
1330	25	17.71	21.28	7.18	0.3	5.11	0.00	-42	sample

Sample Information

SAMPLE DATE: 7/1/21 SAMPLE TYPE: grab SAMPLE MATRIX: groundwater

SAMPLING PERSONNEL: Alecca Forsberg

SAMPLING METHOD: low flow SAMPLE TEMP/pH/EC/TURB/DO: see last entry, above

SAMPLE ID(s): Artesia-MW38-070121 DUPLICATE/BLANK SAMPLE ID(s):

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.): very faint petroleum odor

Sample ID	Sample Time	Sample Containers No.	Sample Containers Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method	Laboratory
see above	1330	3	40mL VOA	4°C, HCl	8260 w	Xenco Houston
	1334	1	250mL poly	4°C	300.0	sulfate, Xenco Houston

Initials of sampling personnel: AF

PROJECT NUMBER	WELL ID	Purge Date:
D3367411	MW-11	10/11/2021

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT: Artesia — Grants Chlorinated Solvents Plume — LOCATION: Grants, NM

WEATHER (wind/temp/ppt): Sunny — OTHER NOTABLE FIELD CONDITIONS: Slight odor

INITIAL ORGANIC VAPOR METER READINGS:

INITIAL DEPTH TO WATER: 16.96 ft — TOTAL DEPTH OF WELL: — SCREENED INTERVAL:

PURGE VOLUME CALCULATION:

METHOD OF PURGING (circle): (peristaltic pump) submersible pump

DISPOSITION OF DISCHARGE WATER: into onsite tank and run through GAC treatment

MONITORING EQUIPMENT USED:

Well Purging Information

Date 10/11/21 Time	Total volume (gals)	Water Level (ft btoc) <= 0.33 ft	Temp (°C) +/- 1	pH +/- 10%	Turbidity (NTU) 10% or <10 NTU	Conductivity (mS/cm) +/-3%	DO (mg/L) 10% or <0.5 mg/L	ORP (millivolts) +/- 10%	Remarks (color, odor, sheen, sediment, etc.) Stabilization parameters
1425	<250	16.98	21.28	6.60	60	6.24	2.34	270	
1430	<250	16.98	20.42	6.91	1.6	6.26	1.90	240	
1435	<250	16.98	20.26	6.97	5.1	6.20	1.79	229	
1440	<250	16.99	20.20	7.01	5.2	6.13	1.79	218	
1445	<250	16.99	20.17	7.03	7.4	6.10	1.85	211	

Sample Information

SAMPLE DATE: 10/11/2021 — SAMPLE TYPE: grab — SAMPLE MATRIX: groundwater

SAMPLING PERSONNEL: Atif Hafiz

SAMPLING METHOD: Low-flow Peri-pump — SAMPLE TEMP/pH/EC/TURB/DO: see last entry, above

SAMPLE ID(s): Artesia-MW-11-10112021 @ 1445 — DUPLICATE/BLANK SAMPLE ID(s): Artesia-MD-11-10112021 @ 1450

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.):

Sample ID	Sample Time	Sample Containers No.	Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method	Laboratory

Initials of sampling personnel: AH

GWSample-PurgeForms_template.xlsx

PROJECT NUMBER	WELL ID	Purge Date:
D3367411	MW-12	10/11/21

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT: Artesia — Grants Chlorinated Solvents Plume — LOCATION: Grants, NM

WEATHER (wind/temp/ppt): Sunny — OTHER NOTABLE FIELD CONDITIONS: odor & strong

INITIAL ORGANIC VAPOR METER READINGS: 29.6

INITIAL DEPTH TO WATER: 17.00 ft — TOTAL DEPTH OF WELL: — SCREENED INTERVAL:

PURGE VOLUME CALCULATION:

METHOD OF PURGING (circle): (peristaltic pump) submersible pump

DISPOSITION OF DISCHARGE WATER: into onsite tank and run through GAC treatment

MONITORING EQUIPMENT USED:

Well Purging Information

Date / Time	Total volume (gals)	Water Level (ft btoc) <= 0.33 ft	Temp (°C) +/- 1	pH +/- 10%	Turbidity (NTU) 10% or <10 NTU	Conductivity (mS/cm) +/-3%	DO (mg/L) 10% or <0.5 mg/L	ORP (millivolts) +/- 10%	Remarks (color, odor, sheen, sediment, etc.) Stabilization parameters
10/11/21 1610	240	17.14	21.11	6.99	13.4	5.32	0.78	-151	odor of hydrocarbon
1615	24.	17.16	20.86	6.99	15.5	5.33	0.60	-153	strong
1620	24.	17.16	20.76	6.97	8.5	5.31	0.50	-155	
1625	24.	17.16	20.70	6.96	5.8	5.33	0.48	-157	
1630	24.	17.16	20.59	6.95	5.4	5.30	0.49	-158	
			"				"		

Sample Information

SAMPLE DATE: 10/11/2021 — SAMPLE TYPE: grab — SAMPLE MATRIX: groundwater

SAMPLING PERSONNEL: Atif Hariz

SAMPLING METHOD: Low flow, Peri Pump — SAMPLE TEMP/pH/EC/TURB/DO: see last entry above

SAMPLE ID(s): Artesia-MW-12-10112021 @ 1630 — DUPLICATE/BLANK SAMPLE ID(s): None

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.):

Sample ID	Sample Time	Sample Containers No.	Sample Containers Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method	Laboratory

Initials of sampling personnel: AHH

GWSample-PurgeForms_template.xlsx

PROJECT NUMBER	WELL ID	Purge Date:
D3367411	MW-17C	10/11/2021

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT: Artesia — Grants Chlorinated Solvents Plume — LOCATION: Grants, NM

WEATHER (wind/temp/ppt): Sunny — OTHER NOTABLE FIELD CONDITIONS: None

INITIAL ORGANIC VAPOR METER READINGS: [redacted] 33.9

INITIAL DEPTH TO WATER: 16.96 FC — TOTAL DEPTH OF WELL: — SCREENED INTERVAL:

PURGE VOLUME CALCULATION:

METHOD OF PURGING (circle): peristaltic pump / submersible pump

DISPOSITION OF DISCHARGE WATER: into onsite tank and run through GAC treatment

MONITORING EQUIPMENT USED:

Well Purging Information

Date 10/11/21	Total volume (gals)	Water Level (ft btoc)	Temp (°C)	pH	Turbidity (NTU)	Conductivity (mS/cm)	DO (mg/L)	ORP (millivolts)	Remarks (color, odor, sheen, sediment, etc.)
Time		<= 0.33 ft	+/- 1	+/- 10%	10% or <10 NTU	+/-3%	10% or <0.5 mg/L	+/- 10%	Stabilization parameters
1520	240	17.24	20.38	7.26	11.6	4.28	1.72	236	
1525	240	17.22	21.16	7.13	9.4	4.19	0.73	228	
1530	240	17.25	20.67	7.11	13.5	4.19	0.62	221	
1535	240	17.24	20.80	7.11	14.9	4.18	0.62	217	* Odor not sure if from well
1540	240	17.23	20.76	7.11	15.9	4.18	0.66	215	

Sample Information

SAMPLE DATE: 10/11/2021 — SAMPLE TYPE: grab — SAMPLE MATRIX: groundwater

SAMPLING PERSONNEL: Atif Hafiz

SAMPLING METHOD: Low Flow, Peristaltic Pump — SAMPLE TEMP/pH/EC/TURB/DO: see last entry, above

SAMPLE ID(s): Artesia-MW-17C-10112021 @ 1540 — DUPLICATE/BLANK SAMPLE ID(s): None

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.):

Sample ID	Sample Time	Sample Containers No.	Sample Containers Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method	Laboratory

Initials of sampling personnel: AHH

GWSample-PurgeForms_template.xlsx

PROJECT NUMBER	WELL ID	Purge Date:
D3367411	MW-36	10/12/2021

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT: Artesia — Grants Chlorinated Solvents Plume — LOCATION: Grants, NM

WEATHER (wind/temp/ppt): Sunny & windy — OTHER NOTABLE FIELD CONDITIONS: Sheen in Annulus

INITIAL ORGANIC VAPOR METER READINGS: 0 14.9

INITIAL DEPTH TO WATER: 17.11 ft — TOTAL DEPTH OF WELL: — SCREENED INTERVAL:

PURGE VOLUME CALCULATION:

METHOD OF PURGING (circle): (peristaltic pump) submersible pump

DISPOSITION OF DISCHARGE WATER: into onsite tank and run through GAC treatment

MONITORING EQUIPMENT USED:

Well Purging Information

Date / Time	Total volume (gals)	Water Level (ft btoc) <= 0.33 ft	Temp (°C) +/- 1	pH +/- 10%	Turbidity (NTU) 10% or <10 NTU	Conductivity (mS/cm) +/-3%	DO (mg/L) 10% or <0.5 mg/L	ORP (millivolts) +/- 10%	Remarks (color, odor, sheen, sediment, etc.) Stabilization parameters
0950		17.50	20.45	6.54	21.5	4.69	2.23	-52	Sheen ~~on~~ in annulus
0955		17.96	20.31	6.51	8.6	4.66	0.72	-85	of Monitor well
1000		18.22	20.38	6.67	5.9	4.63	0.61	-96	
1005		18.16	20.69	6.63	3.6	4.63	0.59	-79	
1010		18.10	20.88	6.58	4.0	4.61	0.64	-63	
1015		18.05	20.88	6.61	2.6	4.59	0.66	-58	
1020		18.00	20.86	6.61	1.1	4.60	0.68	-55	
1025		18.00	20.85	6.62	0.6	4.60	0.65	-56	
1030	—	0			0		0	—	—
			MS & MSD			Collected			

Sample Information

SAMPLE DATE: 10/12/2021 — SAMPLE TYPE: grab — SAMPLE MATRIX: groundwater

SAMPLING PERSONNEL: Atif Hasir

SAMPLING METHOD: low-flow Peripump — SAMPLE TEMP/pH/EC/TURB/DO: see last entry, above

SAMPLE ID(s): Artesia-MW-36-10122021-1025 — DUPLICATE/BLANK SAMPLE ID(s): MS & MSD

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.):

Sample ID	Sample Time	Sample Containers No. / Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method	Laboratory
MW-36	1025	9 VOA HCl	HCl	TL VOC	
		1 poly No pres.	No pres	Sulfate	

Initials of sampling personnel: AHH

PROJECT NUMBER	WELL ID	Purge Date:
D3367411	MW-37	10/11/2021

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT: Artesia — Grants Chlorinated Solvents Plume — LOCATION: Grants, NM

WEATHER (wind/temp/ppt): Sunny, a little breezy — OTHER NOTABLE FIELD CONDITIONS:

INITIAL ORGANIC VAPOR METER READINGS: 64.8

INITIAL DEPTH TO WATER: 16.77 ft — TOTAL DEPTH OF WELL: — SCREENED INTERVAL:

PURGE VOLUME CALCULATION:

METHOD OF PURGING (circle): peristaltic pump submersible pump

DISPOSITION OF DISCHARGE WATER: into onsite tank and run through GAC treatment

MONITORING EQUIPMENT USED:

Well Purging Information

Date 10/11/21 / Time	Total volume (gals)	Water Level (ft btoc) <= 0.33 ft	Temp (°C) +/- 1	pH +/- 10%	Turbidity (NTU) 10% or <10 NTU	Conductivity (mS/cm) +/-3%	DO (mg/L) 10% or <0.5 mg/L	ORP (millivolts) +/- 10%	Remarks (color, odor, sheen, sediment, etc.) Stabilization parameters
515	230	17.09	21.19	6.98	26.2	5.09	1.32	64	
520	230	17.17	21.05	6.95	22.6	5.06	0.95	60	
525	230	17.21	21.04	6.95	23.2	5.05	0.68	62	
530	220	17.19	21.10	6.94	20.6	5.05	0.67	60	
535	220	17.19	21.00	6.94	18.0	5.05	0.63	53	
							0		

Sample Information

SAMPLE DATE: 10/11/2021 — SAMPLE TYPE: grab — SAMPLE MATRIX: groundwater

SAMPLING PERSONNEL: Alif Haris

SAMPLING METHOD: Low flow - peristaltic — SAMPLE TEMP/pH/EC/TURB/DO: see last entry, above

SAMPLE ID(s): MW-37-10112021 @ 1735 — DUPLICATE/BLANK SAMPLE ID(s): None

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.):

Sample ID	Sample Time	Sample Containers No.	Sample Containers Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method	Laboratory

Initials of sampling personnel: AH

GWSample-PurgeForms_template.xlsx

PROJECT NUMBER	WELL ID	Purge Date:
D3367411	MW-38	10/12/2021

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT: Artesia — Grants Chlorinated Solvents Plume — LOCATION: Grants, NM

WEATHER (wind/temp/ppt): Sunny & windy — OTHER NOTABLE FIELD CONDITIONS:

INITIAL ORGANIC VAPOR METER READINGS: 78.2

INITIAL DEPTH TO WATER: 17.00 ft — TOTAL DEPTH OF WELL: — SCREENED INTERVAL:

PURGE VOLUME CALCULATION:

METHOD OF PURGING (circle): peristaltic pump / submersible pump

DISPOSITION OF DISCHARGE WATER: into onsite tank and run through GAC treatment

MONITORING EQUIPMENT USED:

Well Purging Information

Date / Time	Total volume (gals)	Water Level (ft btoc) <= 0.33 ft	Temp (°C) +/- 1	pH +/- 10%	Turbidity (NTU) 10% or <10 NTU	Conductivity (mS/cm) +/-3%	DO (mg/L) 10% or <0.5 mg/L	ORP (millivolts) +/- 10%	Remarks (color, odor, sheen, sediment, etc.) Stabilization parameters
0850		17.22	19.29	6.20	46.5	6.06	1.44	33	Sheen in annulus of Monitor well (standing water)
0855		17.23	19.42	6.39	39.5	6.00	0.75	-16	
0900		17.26	19.97	6.46	17.9	5.81	0.59	-27	
0905		17.31	20.03	6.48	13.9	5.55	0.53	-32	J-plug was tight
0910		17.31	20.08	6.50	9.8	5.38	0.50	-51	[redacted]
0915		17.31	20.10	6.51	7.4	5.33	0.48	-49	Hydrocarbon Odor
0920		17.32	20.11	6.52	6.2	5.32	0.46	-50	
0925				0				0	

Sample Information

SAMPLE DATE: 10/12/21 — SAMPLE TYPE: grab — SAMPLE MATRIX: groundwater

SAMPLING PERSONNEL: AHF Haris

SAMPLING METHOD: low flow - Peristaltic — SAMPLE TEMP/pH/EC/TURB/DO: see last entry, above

SAMPLE ID(s): Artesia-MW-38-10122021 @ 0920 — DUPLICATE/BLANK SAMPLE ID(s):

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.):

Sample ID	Sample Time	Sample Containers No.	Sample Containers Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method	Laboratory
See above	0920	4	(3 VOAs & (1) 250 mL Plastic no headspace)	None, HCl	TLVOC & TPH	

Initials of sampling personnel: AHH

Appendix C
NMOSE Well Installation and Plugging and Abandonment Permits

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STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER
District 2 Office, Roswell, NM

John R. D'Antonio Jr., P.E.
State Engineer

1900 West Second Street
Roswell, New Mexico 88201
(575) 622-6521
FAX: (575) 623-8559

March 29, 2021

Schlumberger Technology Corporation
c/o Aleeca Forsberg
Jacobs
3721 Rutledge Road NE, Suite B1
Albuquerque, NM 87109

RE: *Well Plugging Plan of Operations* for *RA-11781*

Greetings:

Enclosed is your copy of Well Plugging Plan of Operations for the above referenced project, which has been approved subject to the attached Specific Conditions of Approval. The following conditions of approval have been developed to ensure compliance with the Rules and Regulations Governing Well Driller Licensing; Construction, Repair and Plugging of Wells 19.27.4 NMAC adopted June 13, 2017, by the State Engineer.

Aggrieval of this permit, or any of the conditions of approval therein, suspends the permit. No plugging operations shall occur while a permit is aggrieved.

Sincerely,

Christopher Angel, PG
Water Resources Professional II
Water Resource Allocation Program

encl
cc: Santa Fe

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WELL PLUGGING PLAN OF OPERATIONS

NOTE: A Well Plugging Plan of Operations shall be filed with and accepted by the Office of the State Engineer prior to plugging. This form may be used to plug a single well, or if you are plugging multiple monitoring wells on the same site using the same plugging methodology.

Alert! Your well may be eligible to participate in the Aquifer Mapping Program (AMP)-NM Bureau of Geology geoinfo.nmt.edu/resources/water/cgmn/ if within an area of interest and meets the minimum construction requirements, such as there is still water in your well, and the well construction reflected in a well record and log is not compromised, contact AMP at 575-835-5038 or -6951, or by email nmbg-waterlevels@nmt.edu, prior to completing this prior form. Showing proof to the OSE that your well was accepted in this program, may delay the plugging of your well until a later date.

I. FILING FEE: There is no filing fee for this form.

II. GENERAL / WELL OWNERSHIP: ☐ Check here if proposing one plan for multiple monitoring wells on the same site and attaching WD-08m

Existing Office of the State Engineer POD Number (Well Number) for well to be plugged: RA-11781-POD1

Name of well owner: Schlumberger Technology Corporation

Mailing address: 121 Industrial Blvd County: Fort Bend

City: Sugar Land State: TX Zip code: 77478

Phone number: (318) 393-6480 E-mail: DGreening@slb.com

III. WELL DRILLER INFORMATION:

Well Driller contracted to provide plugging services: Jarod Michalsky - Talon LPE

New Mexico Well Driller License No.: WD-1800 Expiration Date: 6/17/2022

IV. WELL INFORMATION: ☐ **Check here if this plan describes method for plugging multiple monitoring wells on the same site and attach supplemental form WD-08m and skip to #2 in this section.**

Note: A copy of the existing Well Record for the well(s) to be plugged should be attached to this plan.

1) GPS Well Location: Latitude: 32 deg, 51 min, 38.77 sec
Longitude: 104 deg, 23 min, 12.55 sec, NAD 83

2) Reason(s) for plugging well(s):

Monitoring well is sidegradient to site and does not provide necessary information for site assessment.

3) Was well used for any type of monitoring program? Yes If yes, please use section VII of this form to detail what hydrogeologic parameters were monitored. If the well was used to monitor contaminated or poor quality water, authorization from the New Mexico Environment Department may be required prior to plugging.

4) Does the well tap brackish, saline, or otherwise poor quality water? No If yes, provide additional detail, including analytical results and/or laboratory report(s):

5) Static water level: 16.02 feet below land surface / feet above land surface (circle one)

6) Depth of the well: 35 feet

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7) Inside diameter of innermost casing: 2 inches.

8) Casing material: SCH40 PVC

9) The well was constructed with:

☐ an open-hole production interval, state the open interval: _____

☒ a well screen or perforated pipe, state the screened interval(s): 25 - 35 feet below ground surface (bgs)

10) What annular interval surrounding the artesian casing of this well is cement-grouted? 3 - 22 feet bgs

11) Was the well built with surface casing? No If yes, is the annulus surrounding the surface casing grouted or otherwise sealed? _____ If yes, please describe:

12) Has all pumping equipment and associated piping been removed from the well? not applicable If not, describe remaining equipment and intentions to remove prior to plugging in Section VII of this form.

V. DESCRIPTION OF PLANNED WELL PLUGGING:

☐ **If plugging method differs between multiple wells on same site, a separate form must be completed for each method.**

Note: If this plan proposes to plug an artesian well in a way other than with cement grout, placed bottom to top with a tremie pipe, a detailed diagram of the well showing proposed final plugged configuration shall be attached, as well as any additional technical information, such as geophysical logs, that are necessary to adequately describe the proposal. Attach a copy of any signed OSE variance to this plugging plan.

Also, if this planned plugging plan requires a variance to 19.27.4 NMAC, attach a detailed variance request signed by the applicant.

1) Describe the method by which cement grout shall be placed in the well, or describe requested plugging methodology proposed for the well:

Remove casing to 2-4 feet below ground surface. Tremie cement bentonite grout from bottom of well to surface.

2) Will well head be cut-off below land surface after plugging? Yes

VI. PLUGGING AND SEALING MATERIALS:

Note: The plugging of a well that taps poor quality water may require the use of a specialty cement or specialty sealant. Attach a copy of the batch mix recipe from the cement company and/or product description for specialty cement mixes or any sealant that deviates from the list of OSE approved sealants.

1) For plugging intervals that employ cement grout, complete and attach Table A.

2) For plugging intervals that will employ approved non-cement based sealant(s), complete and attach Table B.

3) Theoretical volume of grout required to plug the well to land surface: 5.8 gallons

4) Type of Cement proposed: Type I/II Portland Cement

5) Proposed cement grout mix: 7.5 gallons of water per 94 pound sack of Portland cement.

6) Will the grout be: _____ batch-mixed and delivered to the site

X mixed on site

OSE DII MAR 28 2022 PM4:05

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7) Grout additives requested, and percent by dry weight relative to cement:

6% Bentonite

8) Additional notes and calculations:

None

VII. ADDITIONAL INFORMATION: List additional information below, or on separate sheet(s):

Well was a groundwater monitoring well for a site regulated by the New Mexico Oil Conservation Division (NMOCD). The monitoring well is sidegradient to the site and does not provide necessary information for site assessment. The NMOCD has approved abandonment of well.

VIII. SIGNATURE:

I, Dawn Greening, say that I have carefully read the foregoing Well Plugging Plan of Operations and any attachments, which are a part hereof; that I am familiar with the rules and regulations of the State Engineer pertaining to the plugging of wells and will comply with them, and that each and all of the statements in the Well Plugging Plan of Operations and attachments are true to the best of my knowledge and belief.

Signature of Applicant — Date: 03/03/21

IX. ACTION OF THE STATE ENGINEER:

OSE DT: MAR 15 2021 PM4:05

This Well Plugging Plan of Operations is:

__XX__ Approved subject to the attached conditions.
_____ Not approved for the reasons provided on the attached letter.

Witness my hand and official seal this 29th day of March, 2021

John R. D'Antonio Jr. P.E., New Mexico State Engineer

By: _____

Christopher Angel, PG
Water Resources Professional II

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TABLE A - For plugging intervals that employ cement grout. Start with deepest interval.

	Interval 1 – deepest	Interval 2	Interval 3 – most shallow
			Note: if the well is non-artesian and breaches only one aquifer, use only this column.
Top of proposed interval of grout placement (ft bgl)	Not applicable, entire well interval will be plugged with cement bentonite grout.		
Bottom of proposed interval of grout placement (ft bgl)			
Theoretical volume of grout required per interval (gallons)			
Proposed cement grout mix gallons of water per 94-lb. sack of Portland cement			
Mixed on-site or batch-mixed and delivered?			
Grout additive 1 requested			
Additive 1 percent by dry weight relative to cement			
Grout additive 2 requested			
Additive 2 percent by dry weight relative to cement			

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TABLE B - For plugging intervals that will employ approved non-cement based sealant(s). Start with deepest interval.

	Interval 1 – deepest	Interval 2	Interval 3 – most shallow
			Note: if the well is non-artesian and breaches only one aquifer, use only this column.
Top of proposed interval of sealant placement (ft bgl)	Not applicable. Entire well interval will be plugged with a bentonite cement grout.		
Bottom of proposed sealant of grout placement (ft bgl)			
Theoretical volume of sealant required per interval (gallons)			
Proposed abandonment sealant (manufacturer and trade name)			

OCD DT MAR 16 2022 PM2:05

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Specific Conditions of Approval RA-11781

1. The cement-bentonite slurry (bentonite powder) shall be mixed using a maximum of 5.2 gallons water per 94-lb sack portland cement **PLUS** 0.6 gallons per 1% increase in bentonite up to a maximum 6% bentonite by dry weight ratio. Bentonite must be hydrated separately and then mixed.
2. Grout shall be tremied from the bottom up.
3. An excavation of two feet from the outside diameter of the casing and a minimum of two feet deep shall be made and filled in its entirely with the approved sealant.
4. A completed Plugging Record form shall be submitted no later than 30 days after completion of the plugging.
5. Before any attempts are made to plug this well, the O.S.E. District II Office shall be notified 48 hours in advance of the anticipated schedule for plugging, so that an O.S.E. representative has the opportunity to witness the procedures, if deemed necessary.
6. Any deviation from this plan must obtain an approved variance from this office prior to implementation.
7. Aggrieval of this permit, or any of the conditions of approval therein, suspends the permit. No plugging operations shall occur while a permit is aggrieved.

Witness my hand and seal this 29th day of March A.D., 2021

John R. D'Antonio Jr., P.E., State Engineer

By: _____
Christopher Angel, PG
Groundwater Resources Professional II

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John R. D Antonio, Jr., P.E.
State Engineer

Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER

Trn Nbr: 704341
File Nbr: RA 12969 POD11,12

Aug. 19, 2021

ALEECA FORSBERG
CH2M HILL ENGINEERS INC
3721 RUTLEDGE RD NE STE B1
ALBUQUERQUE, NM 87109

Greetings:

Your approved copy of the above numbered permit to drill a well for non-consumptive purposes is enclosed. You must obtain an additional permit if you intend to use the water. It is your responsibility to provide the contracted well driller with a copy of the permit that must be made available during well drilling activities.

Carefully review the attached conditions of approval for all specific permit requirements.

* If use of this well is temporary in nature and the well will be plugged at the end of the well usage, the OSE must initially approve of the plugging. If plugging approval is not conditioned in this permit, the applicant must submit a Plugging Plan of Operations for approval prior to the well being plugged. The Plugging Record must be properly completed and submitted to the OSE within 30 days of the well plugging.

* If the final intended purpose and condition requires a well ID tag and meter installation, the applicant must immediately send a completed meter report form to this office.

* The well record and log must be submitted within 30 days of the completion of the well or if the attempt was a dry hole.

* This permit expires and will be cancelled if no well is drilled and/or a well log is not received by the date set forth in the conditions of approval.

Appropriate forms can be downloaded from the OSE website www.ose.state.nm.us.

Sincerely,

KASHYAP PAREKH
(575)622-6521

Enclosure

explore

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File No. RA-12969 POD 11,12

NEW MEXICO OFFICE OF THE STATE ENGINEER

WR-07 APPLICATION FOR PERMIT TO DRILL

A WELL WITH NO WATER RIGHT

(check applicable box):

For fees, see State Engineer website: http://www.ose.state.nm.us/

Purpose:	☐ Pollution Control And/Or Recovery	☐ Ground Source Heat Pump
☐ Exploratory Well (Pump test)	☐ Construction Site/Public Works Dewatering	☐ Other(Describe):
☒ Monitoring Well	☐ Mine Dewatering	

A separate permit will be required to apply water to beneficial use regardless if use is consumptive or nonconsumptive.

☒ Temporary Request - Requested Start Date: August 23, 2021 Requested End Date: Unknown

Plugging Plan of Operations Submitted? ☐ Yes ☒ No

1. APPLICANT(S)

Name: Dawn Greening	Name: Aleeca Forsberg
Contact or Agent: check here if Agent ☐ Schlumberger Technology Corporation	Contact or Agent: check here if Agent ☒ CH2M HILL Engineers, Inc.
Mailing Address: 121 Industrial Blvd.	Mailing Address: 3721 Rutledge Rd NE Ste B1
City: Sugar Land	City: Albuquerque
State: TX Zip Code: 77478	State: NM Zip Code: 87109
Phone: (318)-393-6480 ☐ Home ☐ Cell Phone (Work):	Phone: (505) 918-1800 ☐ Home ☒ Cell Phone (Work):
E-mail (optional): DGreening@slb.com	E-mail (optional): aleeca.forsberg@jacobs.com

OSE DIT AUG 9 2021 AM 8:53

FOR OSE INTERNAL USE Application for Permit, Form WR-07, Rev 11/17/16

File No.: RA-12969	Trn. No.: 704341	Receipt No.: 2-43693
Trans Description (optional): POD 11, 12		
Sub-Basin: RA	PCW/LOG Due Date: 8-18-22	

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2. WELL(S) Describe the well(s) applicable to this application

Location Required: Coordinate location must be reported in NM State Plane (NAD 83), UTM (NAD 83), or Latitude/Longitude (Lat/Long - WGS84).
District II (Roswell) and District VII (Cimarron) customers, provide a PLSS location in addition to above.

☒ NM State Plane (NAD83) (Feet)
☐ NM West Zone
☒ NM East Zone
☐ NM Central Zone

☐ UTM (NAD83) (Meters)
☐ Zone 12N
☐ Zone 13N

☐ Lat/Long (WGS84) (to the nearest 1/10th of second)

Well Number (if known):	X or Easting or Longitude:	Y or Northing or Latitude:	Provide if known: -Public Land Survey System (PLSS) (*Quarters or Halves , Section, Township, Range*) OR - Hydrographic Survey Map & Tract; OR - Lot, Block & Subdivision; OR - Land Grant Name
MW-39 RA-12969 POD11	524390.778	677256.192	SW1/4, S4, T17S, R26E
MW-40 RA-12969 POD12	524428.973	677424.595	SW1/4, S4, T17S, R26E

NOTE: If more well locations need to be described, complete form WR-08 (Attachment 1 – POD Descriptions)
Additional well descriptions are attached: ☐ Yes ☒ No **If yes, how many**_____

Other description relating well to common landmarks, streets, or other:
Former Dowell Schlumberger Facility, 507 East Ritchey Avenue, Artesia, NM 88210

Well is on land owned by: Artesia Alfalfa Growers Association

Well Information: NOTE: If more than one (1) well needs to be described, provide attachment. Attached? ☐ Yes ☒ No
If yes, how many_____

Approximate depth of well (feet): 35	Outside diameter of well casing (inches): 2.375
Driller Name: Talon LPE	Driller License Number: WD-1800

3. ADDITIONAL STATEMENTS OR EXPLANATIONS

For item 4 - The monitoring wells are required to provide data related to the remediation of groundwater that contains chlorinated solvents (1,1-dichloroethene and tetrachloroethene) concentrations in exceedance of New Mexico Water Quality Control Commission standards. Monitoring events are performed semiannually and are expected to continue for up to 5 years.

OSE DIT AUG 5 2021 AM 9:58

FOR OSE INTERNAL USE — Application for Permit, Form WR-07

File No.: RA-12969	Trn No: 704341

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4. SPECIFIC REQUIREMENTS: The applicant must include the following, as applicable to each well type. Please check the appropriate boxes, to indicate the information has been included and/or attached to this application:

Exploratory: ☐ Include a description of any proposed pump test, if applicable.	**Pollution Control and/or Recovery:** ☐ Include a plan for pollution control/recovery, that includes the following: ☐ A description of the need for the pollution control or recovery operation. ☐ The estimated maximum period of time for completion of the operation. ☐ The annual diversion amount. ☐ The annual consumptive use amount. ☐ The maximum amount of water to be diverted and injected for the duration of the operation. ☐ The method and place of discharge.	**Construction De-Watering:** ☐ Include a description of the proposed dewatering operation, ☐ The estimated duration of the operation, ☐ The maximum amount of water to be diverted, ☐ A description of the need for the dewatering operation, and, ☐ A description of how the diverted water will be disposed of.	**Mine De-Watering:** ☐ Include a plan for pollution control/recovery, that includes the following: ☐ A description of the need for mine dewatering. ☐ The estimated maximum period of time for completion of the operation. ☐ The source(s) of the water to be diverted. ☐ The geohydrologic characteristics of the aquifer(s). ☐ The maximum amount of water to be diverted per annum. ☐ The maximum amount of water to be diverted for the duration of the operation. ☐ The quality of the water. ☐ The method of measurement of water diverted. ☐ The recharge of water to the aquifer. ☐ Description of the estimated area of hydrologic effect of the project. ☐ The method and place of discharge. ☐ An estimation of the effects on surface water rights and underground water rights from the mine dewatering project. ☐ A description of the methods employed to estimate effects on surface water rights and underground water rights. ☐ Information on existing wells, rivers, springs, and wetlands within the area of hydrologic effect.
Monitoring: ■ Include the reason for the monitoring well, and, ■ The duration of the planned monitoring.	☐ The method of measurement of water produced and discharged. ☐ The source of water to be injected. ☐ The method of measurement of water injected. ☐ The characteristics of the aquifer. ☐ The method of determining the resulting annual consumptive use of water and depletion from any related stream system. ☐ Proof of any permit required from the New Mexico Environment Department. ☐ An access agreement if the applicant is not the owner of the land on which the pollution plume control or recovery well is to be located.	**Ground Source Heat Pump:** ☐ Include a description of the geothermal heat exchange project, ☐ The number of boreholes for the completed project and required depths. ☐ The time frame for constructing the geothermal heat exchange project, and, ☐ The duration of the project. ☐ Preliminary surveys, design data, and additional information shall be included to provide all essential facts relating to the request.	

ACKNOWLEDGEMENT

I, We (name of applicant(s)), Aleeca Forsberg
Print Name(s)

affirm that the foregoing statements are true to the best of (my, our) knowledge and belief.

Applicant Signature

Applicant Signature

ACTION OF THE STATE ENGINEER

This application is:

☒ approved ☐ partially approved ☐ denied

provided it is not exercised to the detriment of any others having existing rights, and is not contrary to the conservation of water in New Mexico nor detrimental to the public welfare and further subject to the attached conditions of approval.

Witness my hand and seal this 19th day of August 20 21, for the State Engineer,

OSE DIT AUG 9 2021 AM 9:59

John R. D'Antonio, Jr., P.E., State Engineer

By: K. Parekh
Signature

Print

Title: Kashyap Parekh, Water Resources Professional III
Print

FOR OSE INTERNAL USE

Application for Permit, Form WR-07

File No.: RA-12969 Trn No.: 704341

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NEW MEXICO STATE ENGINEER OFFICE
PERMIT TO EXPLORE

SPECIFIC CONDITIONS OF APPROVAL

17-16 Construction of a water well by anyone without a valid New Mexico Well Driller License is illegal, and the landowner shall bear the cost of plugging the well by a licensed New Mexico well driller. This does not apply to driven wells, the casing of which does not exceed two and three-eighths inches outside diameter.

17-1A Depth of the well shall not exceed the thickness of the valley fill.

17-4 No water shall be appropriated and beneficially used under this permit.

17-6 The well authorized by this permit shall be plugged completely using the following method per Rules and Regulations Governing Well Driller Licensing, Construction, Repair and Plugging of Wells; Subsection C of 19.27.4.30 NMAC unless an alternative plugging method is proposed by the well owner and approved by the State Engineer upon completion of the permitted use. All pumping appurtenance shall be removed from the well prior to plugging. To plug a well, the entire well shall be filled from the bottom upwards to ground surface using a tremie pipe. The bottom of the tremie shall remain submerged in the sealant throughout the entire sealing process; other placement methods may be acceptable and approved by the state engineer. The well shall be plugged with an office of the state engineer approved sealant for use in the plugging of non-artesian wells. The well driller shall cut the casing off at least four (4) feet below ground surface and fill the open hole with at least two vertical feet of approved sealant. The driller must fill or cover any open annulus with sealant. Once the sealant has cured, the well driller or well owner may cover the seal with soil. A Plugging Report for said well shall be filed with the Office of the State Engineer in a District Office within 30 days of completion of the plugging.

Trn Desc: RA 12969 POD11-12

File Number: RA 12969
Trn Number: 704341

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NEW MEXICO STATE ENGINEER OFFICE
PERMIT TO EXPLORE

SPECIFIC CONDITIONS OF APPROVAL (Continued)

17-7 The Permittee shall utilize the highest and best technology available to ensure conservation of water to the maximum extent practical.

17-B The well shall be drilled by a driller licensed in the State of New Mexico in accordance with 72-12-12 NMSA 1978. A licensed driller shall not be required for the construction of a well driven without the use of a drill rig, provided that the casing shall not exceed two and three-eighths (2 3/8) inches outside diameter.

17-C The well driller must file the well record with the State Engineer and the applicant within 30 days after the well is drilled or driven. It is the well owner's responsibility to ensure that the well driller files the well record.
The well driller may obtain the well record form from any District Office or the Office of the State Engineer website.

17-P The well shall be constructed, maintained, and operated to prevent inter-aquifer exchange of water and to prevent loss of hydraulic head between hydrogeologic zones.

17-Q The State Engineer retains jurisdiction over this permit.

17-R Pursuant to section 72-8-1 NMSA 1978, the permittee shall allow the State Engineer and OSE representatives entry upon private property for the performance of their respective duties, including access to the ditch or acequia to measure flow and also to the well for meter reading and water level measurement.

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NEW MEXICO STATE ENGINEER OFFICE
PERMIT TO EXPLORE

SPECIFIC CONDITIONS OF APPROVAL (Continued)

LOG The Point of Diversion RA 12969 POD11 must be completed and the Well Log filed on or before 08/18/2022.

LOG The Point of Diversion RA 12969 POD12 must be completed and the Well Log filed on or before 08/18/2022.

IT IS THE PERMITTEES RESPONSIBILITY TO OBTAIN ALL AUTHORIZATIONS AND PERMISSIONS TO DRILL ON PROPERTY OF OTHER OWNERSHIP BEFORE COMMENCING ACTIVITIES UNDER THIS PERMIT.

SHOULD THE PERMITTEE CHANGE THE PURPOSE OF USE TO OTHER THAN MONITORING PURPOSES, AN APPLICATION SHALL BE ACQUIRED FROM THE OFFICE OF THE STATE ENGINEER.

ACTION OF STATE ENGINEER

Notice of Intention Rcvd:	Date Rcvd. Corrected:
Formal Application Rcvd: 08/09/2021	Pub. of Notice Ordered:
Date Returned - Correction:	Affidavit of Pub. Filed:

This application is approved provided it is not exercised to the detriment of any others having existing rights, and is not contrary to the conservation of water in New Mexico nor detrimental to the public welfare of the state; and further subject to the specific conditions listed previously.

Witness my hand and seal this 19th day of Aug A.D., 2021

John R. D Antonio, Jr., P.E. , State Engineer

By: K. Parekh
KASHYAP PAREKH

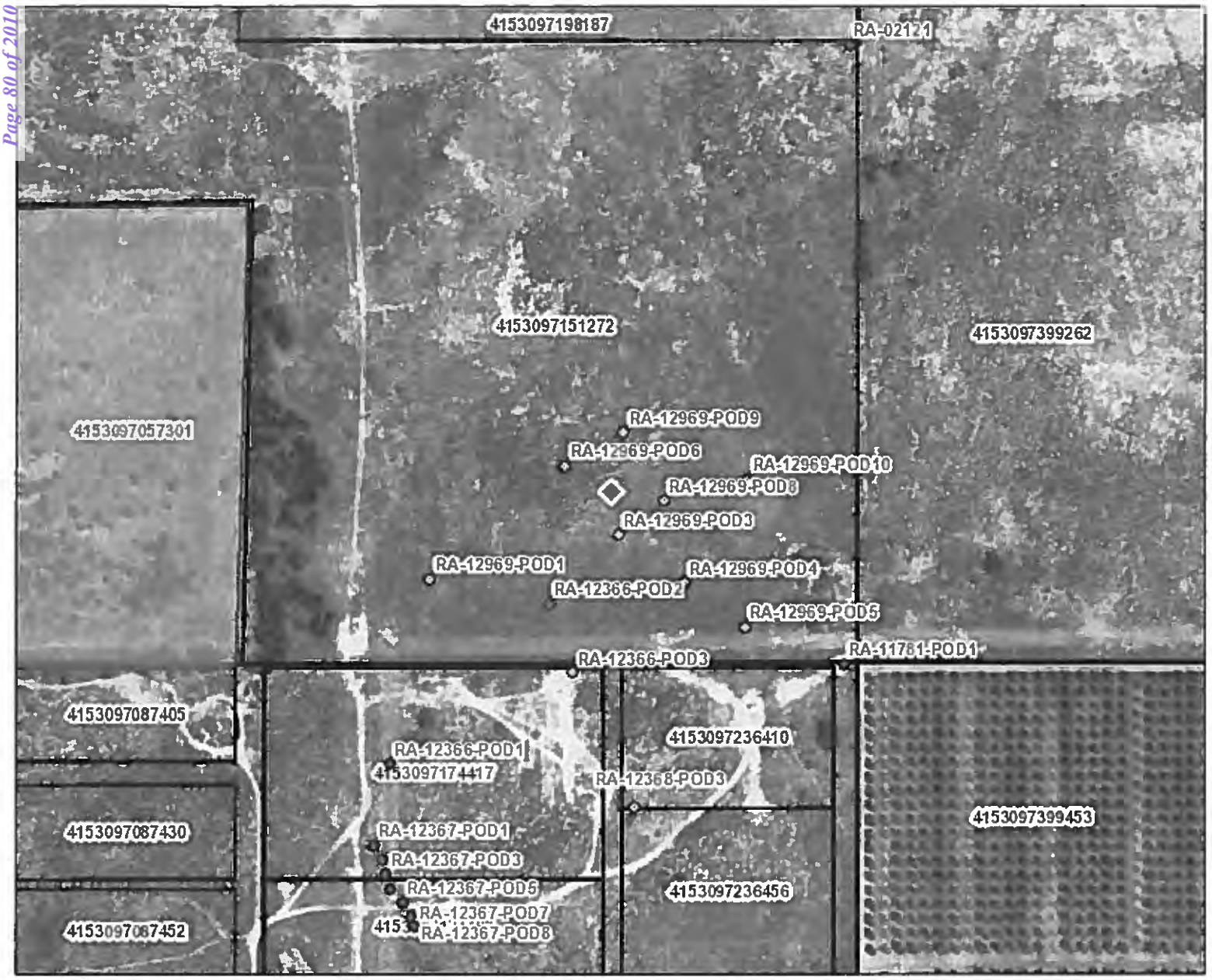
Trn Desc: RA 12969 POD11-12

File Number: RA 12969
Trn Number: 704341

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NEW MEXICO OFFICE OF THE STATE ENGINEER

N

1:4,514

ft

0 90 180 360

Image Info
Source: Maxar
Date: 4/27/2019
Resolution (m):0.46
Accuracy (m): 5

Coordinates

UTM - NAD 83 (m) - Zone 13
Easting 557210.816
Northing 3636130.529

State Plane - NAD 83 (f) - Zone E
Easting 524390.778
Northing 677256.192

Degrees Minutes Seconds
Latitude 32 : 51 : 42.454826
Longitude -104 : 23 : 18.722712

Location pulled from Coordinate Search

Spatial Information

OSE Administrative Area: Eddy
County: Eddy
Groundwater Basin: Roswell
Abstract Area:Roswell Artesian

Sub-Basin: Upper Pecos-Long Arroyo

Land Grant: Not in Land Grant
Restrictions:
NA

PLSS Description
NWSENESW Qtr of Sec 04 of 017S 026E

Derived from CADNSDI- Qtr Sec. locations are calculated and are only approximations

POD Information

Owner: GREENING/FORSBERG
File Number: RA-12969 POD11
POD Status: NoData
Permit Status: NoData
Permit Use: NoData
Purpose: MONITOR MW-39

YM 8/18/2

Coord Search Location

GIS WATERS PODs
Active
Pending
Plugged

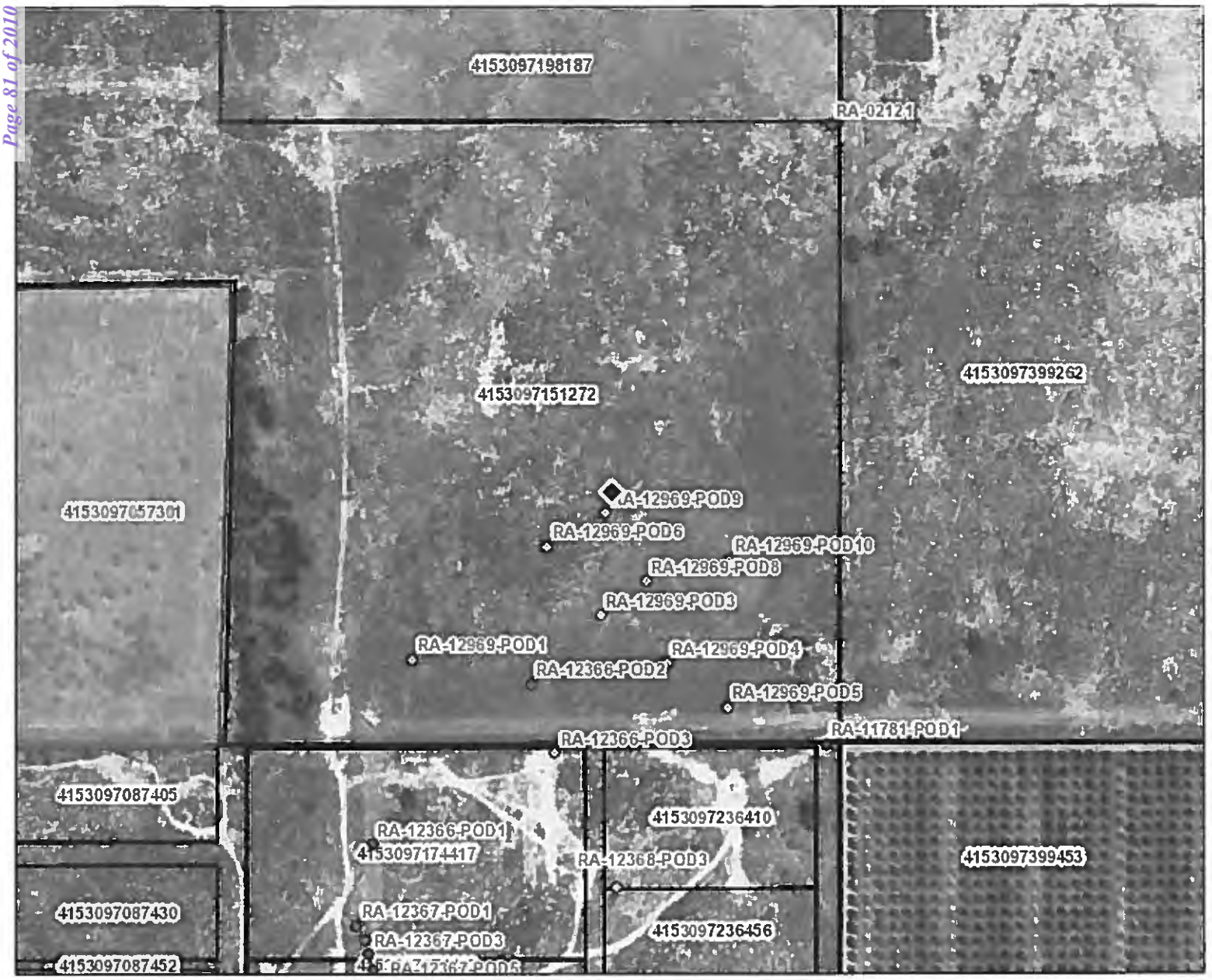
Water Right Regulations
Negative Easement Area
OSE District Boundary

New Mexico State Trust Lands
Subsurface Estate
Surface Estate
Both Estates

Bernalillo County Parcels 2020
Catron County Parcels 2020
Chaves County Parcels 2020
Cibola County Parcels 2020
Colfax County Parcels 2020
Curry County Parcels 2020
De Baca County Parcels 2020
Doña Ana County Parcels 2020

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NEW MEXICO OFFICE OF THE STATE ENGINEER

Coordinates

UTM - NAD 83 (m) - Zone 13

Easting 557222.131

Northing 3636181.917

State Plane - NAD 83 (f) - Zone E

Easting 524428.973

Northing 677424.595

Degrees Minutes Seconds

Latitude 32 : 51 : 44.121381

Longitude -104 : 23 : 18.275931

Location pulled from Coordinate Search

N

1:4,514

ft

0 90 180 360

Image Info

Source: Maxar

Date: 4/27/2019

Resolution (m):0.46

Accuracy (m): 5

Spatial Information

OSE Administrative Area: Eddy

County: Eddy

Groundwater Basin: Roswell

Abstract Area:Roswell Artesian

Sub-Basin: Upper Pecos-Long Arroyo

Land Grant: Not in Land Grant

Restrictions:

NA

PLSS Description

NWSENESW Qtr of Sec 04 of 017S 026E

Derived from CADNSDI- Qtr Sec locations are calculated and are only approximations

POD Information

Owner: GREENING/FORSBERG

File Number: RA-12969 POD12

POD Status: NoData

Permit Status: NoData

Permit Use: NoData

Purpose: MONITOR MW-40

YM 8/18/2

Coord Search Location

GIS WATERS PODs

Active

Pending

Plugged

Water Right Regulations

Negative Easement Area

OSE District Boundary

New Mexico State Trust Lands

Subsurface Estate

Surface Estate

Both Estates

Bernalillo County Parcels 2020

Catron County Parcels 2020

Chaves County Parcels 2020

Cibola County Parcels 2020

Colfax County Parcels 2020

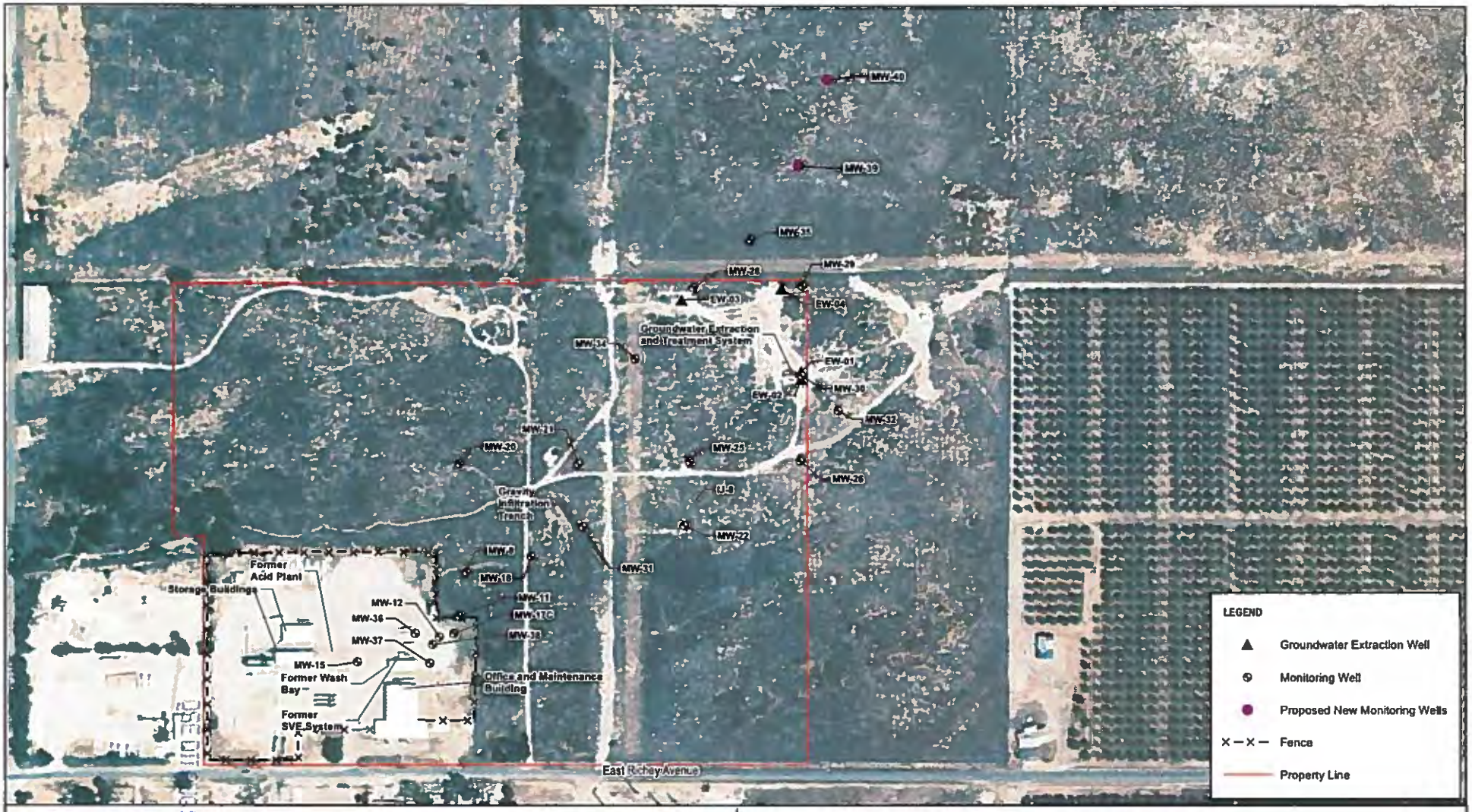
Curry County Parcels 2020

De Baca County Parcels 2020

Doña Ana County Parcels 2020

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ADDENDUM TO ACCESS AGREEMENT

This Addendum to Access Agreement is made and entered into this 6 day of July, 2021, by and between Artesia Alfalfa Growers Association, a Cooperative Association ("Grantor") and Schlumberger Technology Corporation, a Texas Corporation ("Schlumberger").

Grantor and Schlumberger entered into an Access Agreement dated December 5, 2016 and an Addendum to Access Agreement dated May 14, 2020. This Access Agreement and Addendum to Access Agreement granted Schlumberger a nonexclusive easement over certain portions of real property owned by Grantor. Grantor and Schlumberger now agree to revise the terms of the Access Agreement such that the definition of "Property" in the Access Agreement shall be expanded to include access to those portions of the Real Estate (as that term is, and will continue to be defined in the Access Agreement) that are necessary and convenient for the accomplishment of the activities outlined in the Statement of Work (attached as Exhibit A to this Addendum). Grantor and Schlumberger further agree that the activities outlined in the Statement of Work will fall within the scope of the terms of the Access Agreement and Addendum to the Access Agreement.

This Addendum extends the term for five (5) years, beginning on the date of this Addendum is executed by the Grantor. At the expiration of this renewal, the parties shall have the right to renew this agreement in term increments of five (5) years for so long as the easement and access are needed by STC. Such renewal shall be in writing and signed by both parties.

Except as provided in this Addendum, all other provisions and terms of the Access Agreement remain unchanged and in full force and affect.

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This Addendum is made in consideration of the existing obligations of the Access Agreement and for the payment by Schlumberger to Grantor of the amount of $2,500, the receipt and adequacy of which are hereby acknowledged by Grantor and Schlumberger.

IN WITNESS WHEREOF, the parties have caused this Addendum to be duly executed as of the date and year above first written.

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Grantor Entity: Artesia Alfalfa Growers Association
By:
(Authorized Representative)
Date: 6-10-21

Schlumberger Technology Corporation
By:
(Authorized Representative)
6-11-2021
Date

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Exhibit A.
Statement of Work

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ch2m·

Drilling and Monitoring Well Installation Services Former Dowell Schlumberger Facility, 507 East Richey Avenue, Artesia, Eddy County, New Mexico— Offsite Property, Artesia, New Mexico, March 2021

1.0 Background

The Former Dowell Schlumberger Facility (site) at 507 East Richey Avenue is located within the City of Artesia, Eddy County, New Mexico, and was historically used for oil service operations.

The primary contaminants of concern in groundwater are tetrachloroethene (PCE) and 1,1 dichloroethene (1,1-DCE). Based on the results from the groundwater sampling effort completed in November 2020, PCE and 1,1-DCE concentrations are greater than applicable standards in the groundwater on the Artesia Alfalfa Growers Association (AAGA) property. A hollow-stem auger (HSA) drilling rig will be used to install two new groundwater monitoring wells to monitor contaminant of concern concentrations in groundwater on the AAGA property.

The drilling locations are on private property not directly owned by Schlumberger Technology Corporation (STC). Access to the drilling locations will be along designated routes, and disturbance to surface soils and vegetation will be minimized. The property fencing will be restored at the end of drilling and sampling activities. Damage to private property that impacts farming practices or yields will be mitigated at the expense of the driller.

Work is expected to commence in spring 2021.

2.0 Well Installation Services

2.1 Mobilization and Demobilization

The driller will mobilize personnel, materials, and equipment to the site at the beginning of the drilling tasks and fully demobilize personnel, unused materials, and equipment from the site at the end of the project. The driller will provide all equipment in good operating condition.

2.2 Hollow-Stem Auger Drilling

Two monitoring wells will be installed using HSA drilling methods with 4.25-inch-inside-diameter augers (Figure 1). Soil cores will be collected for lithologic logging purposes. Split spoon sampling or continuous coring methods may be used such that sufficient soil is recovered for lithology characterization. The monitoring wells are expected to be drilled to 30 feet below ground surface (bgs), but the final depth will be determined in the field based on the depth of the water table.

2.3 Well Installation

The monitoring wells will be constructed of flush-threaded, 2-inch-diameter Schedule 40 (SCH 40) polyvinyl chloride (PVC) casing and screen. It is anticipated that monitoring wells will be screened from 20 to 30 feet bgs using a factory slotted 0.010-inch slot screen fitted with a flush threaded SCH 40 PVC bottom cap. Depending on the elevation of the water table, the drilling subcontractor will be prepared to install monitoring wells to 35 feet bgs. Filter pack sand will consist of clean, graded quartz, with 100 percent passing through the Standard U.S. No. 10 sieve and 95 percent retained on the No. 20 sieve.

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(10/20 sand). A 2-foot-long by 2-foot-wide by 4-inch-thick concrete surface completion will be installed at each monitoring well location. The PVC will be cut off at approximately 6 inches bgs and a locking well cap installed.

2.4 Well Development

Monitoring wells will be developed by bailing, swabbing, pumping, and surge or an alternative method as approved by the CH2M representative. All development activity will be coordinated and observed by a CH2M onsite representative. The goal of development is to remove as much fine grained material as possible from the well casing, sand pack, and borehole wall. Monitoring well development will commence no sooner than 24 hours after installation.

The driller will contain all water produced from well development in 55-gallon drums or tanks supplied by the driller. The driller will be responsible for transporting the development water to the Former Dowell Schlumberger Facility treatment system. Purge water will be disposed of by pumping through the treatment system.

HydraSleeve sampling devices will be installed by CH2M after the completion of well development in preparation for collection of groundwater samples (described in Section 2.6).

2.5 Site Restoration

Upon completion of the fieldwork, the driller will remove unused materials, supplies, and their equipment from the offsite property. The driller will remove all temporary structures and restore any structures and utilities affected by the work. The driller will restore the work area(s) to the satisfaction of the property owner.

The driller, solely at their expense, will restore any cross-contamination of public/private property or public thoroughfare due to careless housekeeping or equipment maintenance on the driller's part.

2.6 Groundwater Monitoring

Water levels and groundwater samples will be collected from the two monitoring wells semiannually in April and October. During each semiannual monitoring event, CH2M will collect depth to water measurements from each well and groundwater samples using new HydraSleeve sampling devices. Groundwater samples will be shipped to an analytical laboratory and analyzed for 1,1-DCE and PCE via U.S. Environmental Protection Agency Method SW-846 8260B.

Analytical laboratory results will be validated by the project chemist, and data will be submitted to the property owner, per the access agreement, and to the New Mexico Oil Conservation Division (NMOCD).

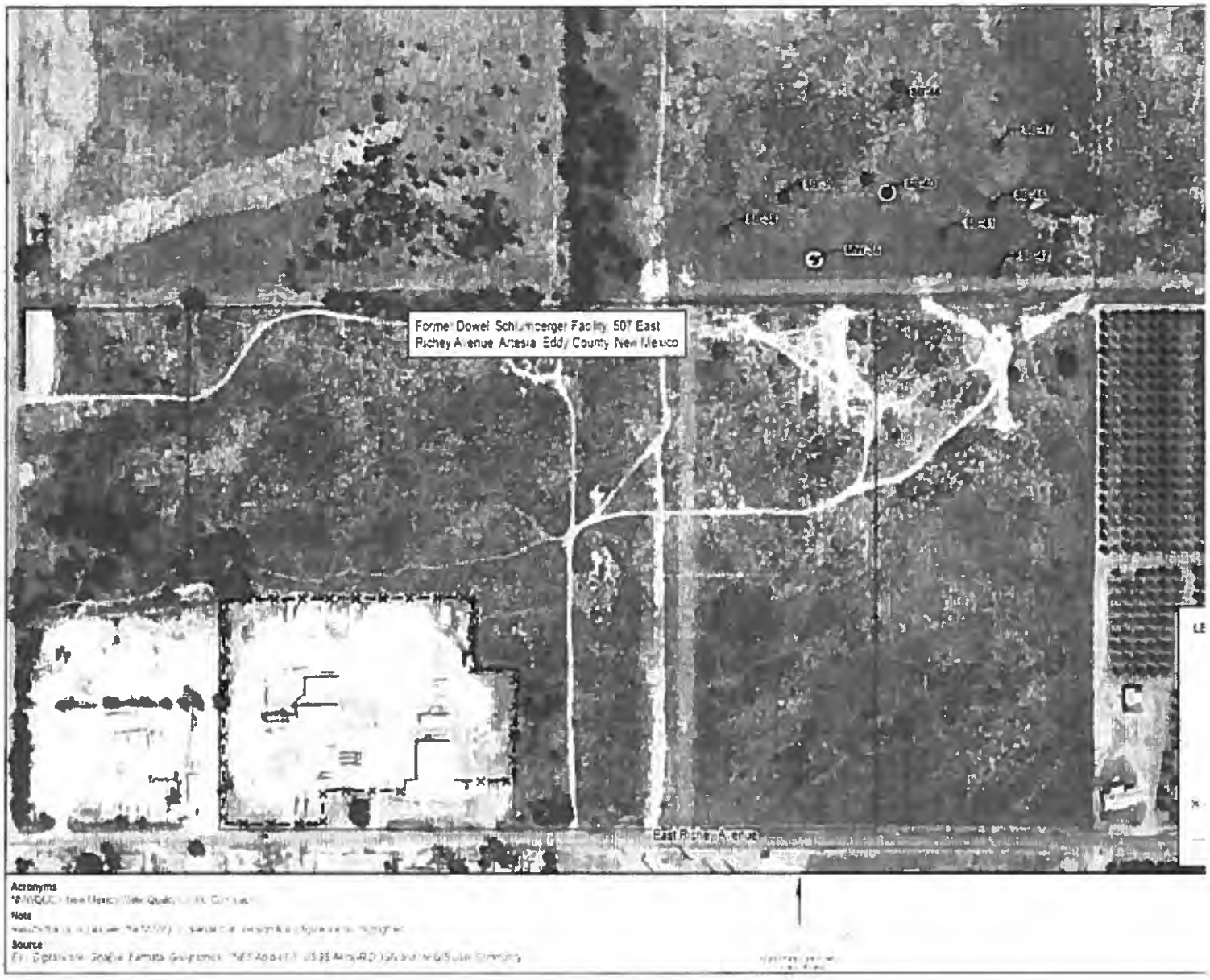
3.0 Waste Management

The driller will provide containers for wastes (soil, disposal sampling equipment, personal protective equipment) associated with well installation, purge water from groundwater sampling, and decontamination of equipment.

The driller will containerize waste at the wellhead in New Mexico Department of Transportation approved 55-gallon steel drums or container approved by CH2M. At the completion of drilling, the driller will transport drums from the wellhead to the Former Dowell Schlumberger Facility.

The driller will contain trash, including plastic, tape, etc., in plastic garbage bags and disposed of in designated trash receptacles. Used personal protective equipment and gloves will be containerized with soil waste for disposal by others.

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Thank you-Denise

[Quoted text hidden]

Morton, Steve <Steve.Morton@klgates.com> Wed, Jun 9, 2021 at 3:12 PM
To: Artesia Alfalfa Growers Office <aaga@pcca.com>

I can, but the only thing I would change is the recitation at the end of the addendum document that cites the "consideration" and I would add that we paid AAGA $2,500. That would be the only change. I can have my assistant make that change and get it over to you. Does that work?

Thanks!

[Quoted text hidden]
[Quoted text hidden]

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ACCESS AGREEMENT

THIS ACCESS AGREEMENT ("Agreement") is made and entered into this _____ day of May, 2016, by and between _____, ("Grantor") and Schlumberger Technology Corporation, a Texas Corporation ("Schlumberger")

WITNESSETH

In consideration of the payment by Schlumberger of the sum of TWO THOUSAND FIVE HUNDRED ($2,500) dollars, together with the mutual promises and for any other valuable consideration, the receipt and adequacy of which are hereby acknowledged, Grantor and Schlumberger agree as follows

Grantor is the owner of a tract of land located in Eddy County, New Mexico (the "Real Estate"), more particularly described on Exhibit A which is attached hereto and incorporated by reference herein. Schlumberger desires to obtain from Grantor an easement over and access to a portion of the Real Estate upon the following terms and conditions.

1 **Grant of Access**. Grantor hereby grants to Schlumberger a nonexclusive easement over and upon the portion of the Real Estate marked "Footprint of Proposed Access" on Exhibit A, such marked portion to be defined as the "Property". This Agreement includes (a) the right to enter upon the Property through a gate constructed on the boundary between the Property and the adjacent Schlumberger property (at Schlumberger's sole cost) in the approximate location marked on Exhibit A with all personnel, equipment, vehicles, materials, and other things necessary to enable Schlumberger to achieve and maintain a suitable access route and drill site and (b) the right to enter upon the Property to the right to conduct an investigation to determine the nature and extent of any 1,1-DCE and PCE soil or groundwater contamination and/or install, sample, monitor, and maintain groundwater monitoring, extraction, and test wells (collectively

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(a) and (b) referred to as the "Tasks") Grantor understands and agrees that nonexclusive easement over and upon the Property applies to well locations on the Property and lands adjacent to the Property and also applies to well locations ultimately approved by the New Mexico Oil Conservation Division ("NMOCD") Grantor agrees, upon written request, to reasonably enlarge, at no additional cost to Schlumberger, the portions of the Real Estate that are defined as the Property for purposes of this access agreement, but only as reasonably required to carry out testing required by the NMOCD

2 **Restrictions on Access** The Tasks shall be performed during daylight hours, at Schlumberger's sole cost and expense At Schlumberger's request, Grantor may grant permission to conduct the Tasks during alternative times as well. Grantor agrees that Grantor will not unreasonably interfere with the Tasks during the term of this Agreement and Schlumberger agrees that it will not unreasonably interfere with Grantor's activities on the Property

3 **Notification for Access** Schlumberger will provide verbal or written notice to Grantor at least five (5) calendar days prior to the commencement of such portion of the Tasks as will require access to the Property As set forth below, Schlumberger will follow the defined notification process prior to accessing the property

4 **Term and Termination.** This Agreement is for term of five (5) years from beginning on the date this Agreement is executed by Grantor For such Term, Grantor hereby binds itself, and its legal representatives to warrant and defend the above-described access right unto Schlumberger, its successors and permitted assigns, against every person whomsoever lawfully claiming or attempting to claim the same or any part thereof Schlumberger may terminate this agreement with thirty (30) days written notice to the Grantor

5 **The Tasks.** The Tasks shall be conducted by Schlumberger, its employees, agents, representative, or invitees

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6 **Deliverables**. Schlumberger shall provide to Grantor (a) a hard copy of the analytical results of any groundwater sampling conducted on the Property during the term of this Agreement within sixty (60) days after Schlumberger receives such analytical results and (b) a plat of the Property showing the location of all monitoring wells, whether active or inactive, within thirty (30) days after Grantor's execution of the Agreement

7 **Encumbrances** Schlumberger shall not cause or permit any liens to be placed against or upon the Property If any lien is placed, or any claim thereof filed, against the Property as a result of anything done or permitted by Schlumberger, Schlumberger shall promptly cause the same to be removed and shall indemnify Grantor and hold Grantor harmless from any adverse effect thereof Schlumberger will not mortgage, grant any security interest in, encumber or otherwise permit or allow any lien to exist upon Schlumberger's interest in the Property

8 **Indemnification** Schlumberger waives, releases, and discharges and further indemnifies and holds harmless Grantor from all present and future claims, causes of action, or demands Schlumberger now has or may hereafter accrue on account of any bodily injury (including death) or property damage, including liability to Schlumberger s employees, agents, contractors, subcontractors, and invitees and or third parties occasioned by Schlumberger's presence on and use of the Property, or the use of any equipment while on, entering, or departing from the Property, except to the extent caused by Grantor's negligence or willful misconduct Schlumberger shall indemnify Grantor and hold Grantor harmless from and against any fine, penalty, liability, or cost arising out of Schlumberger's violation of any law, ordinance or governmental regulation applicable to Schlumberger s use or occupancy of the Property or Schlumberger s activities on or about the Property This indemnification does not extend to any claim related to groundwater or soil contamination not caused by the Tasks

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9. **Procedure to Claim Indemnity** The Grantor and Schlumberger agree that the indemnity obligations in Paragraph 8 above do not apply to costs independently incurred by the Grantor without approval of Schlumberger, and that Grantor shall provide to Schlumberger at least thirty (30) days written notice of a Claim, unless the Grantor's costs are incurred

   9.1 in direct response to an order issued by the U.S. Environmental Protection Agency or the state equivalent and Grantor cannot provide the 30-day written notice to Schlumberger consistent with the deadlines in the order; or

   9.2 As a result of Schlumberger's breach of this Agreement; or

   9.3 Grantor provided Schlumberger with the 30-days written notice of a Claim as set forth above and Schlumberger did not responded to Grantor within 30-days period

10. **Repair and Restoration**. Upon completion of the Tasks or, if necessary and appropriate, upon completion of an activity of the Tasks, Schlumberger shall restore any portion of the Property adversely affected by the Tasks to substantially the same condition to the extent possible as of the date of this Agreement, reasonable wear and tear and casualty excepted, including, but not limited to the decommissioning and abandonment of any injection wells, monitoring wells, piezometers or fill used to stabilize work areas. This section does not extend to the restoration or remediation of the groundwater or soil from contamination by the Compounds

11. **Compliance with the Law**. The Tasks shall be performed in a good, safe and workmanlike manner, and in accordance with all applicable federal, state and local laws, rules, regulations, ordinances and orders relating thereto, including, without limitation, all applicable safety standards

12. **Waste**. Schlumberger shall be responsible for the proper disposal of all Waste arising from the Tasks in accordance with applicable federal, state and local laws, rules, regulations and ordinances and, as necessary for transport and disposal purposes, shall be identified as the generator thereof on all manifests and other documents relating thereto

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Schlumberger may secure a hazardous waste generator identification number for the Property as necessary or may utilize the existing disposal options at its nearby facility This section does not extend to any groundwater or soil from contamination existing prior the execution of this Agreement

13. **No Admission of Liability or Waiver of Rights** The Parties' execution of this Agreement and their compliance with the terms hereof shall not be considered an admission of their liability, or the liability of their officers, directors, shareholders, employees, contractors, agents, successors, or assigns, for any purpose This Agreement shall not constitute or be interpreted as a waiver or release of, or limitation on, the rights and remedies otherwise available to Grantor at law or in equity against Schlumberger or any other person or entity, nor as a waiver or release of, or limitation on, the rights and remedies otherwise available to Schlumberger at law or in equity against Grantor or any other person or entity, with respect to or as the result of the contamination, if any, found on or under the Land

14. **Notice** Any notice required or permitted to be delivered hereunder, unless contrary provision is made herein, shall be made in writing and personally delivered or sent by United States mail postage prepaid, registered or certified, return receipt requested or by express mail, to the addresses of the respective parties set forth on the signature page of this Agreement All notices shall be effective upon sending by the addressors thereof

15 **Assignment** Grantor shall have the right to assign this Agreement and any interest in this Agreement Schlumberger may assign this agreement only upon consent by Grantor

16 **Confidentiality** Grantor and Schlumberger shall consider confidential the terms of this Agreement and shall not disclose, publish or reveal the terms of this Agreement to persons other than their attorneys

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accountants, officers, directors, managers, employees, agents, representatives, or invitees with a specific need to know

17. **Entire Agreement**. This Agreement embodies the entire agreement of the parties executing this Agreement. The terms of this Agreement cannot be varied except by written amendment signed by Grantor and Schlumberger.

18. **Binding Effect**. The provisions of this Agreement shall be binding on the heirs, executors, administrators, and assigns of both Grantor and Schlumberger in like manner as upon the original parties, unless modified by mutual agreement.

19. **Effect of Partial Invalidity**. If any provision of this Agreement is held to be illegal, invalid, or unenforceable under current or future law, such provision shall be fully severable. The same as if such invalid or unenforceable provisions had never comprised a part of the Agreement.

20. **Governing Law and Choice of Forum**. This Agreement and all obligations hereunder shall be governed by the laws of the State of New Mexico. The Parties agree that any claims brought pursuant to this Agreement must be brought in a court of competent jurisdiction in Eddy County, New Mexico.

21. **Right of Renewal**. At the expiration of this Agreement, the parties shall have the right to renew this Agreement in term increments of two (2) years for so long as the easement and access are needed by Schlumberger. Such renewal shall be in writing and signed by both parties.

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IN WITNESS WHEREOF, The parties have caused this Agreement to be duly executed as of the date and year first above written.

Grantor Entity:_____

By: _____

It's Authorized Representative

Date:_____

SCHLUMBERGER TECHNOLOGY CORPORATION

_____
(Signature of Authorized Representative)

Title _____

Notice to Grantee

Virgilio Cocianni
Remediation Manager
Schlumberger Technology Corporation
100 Gillingham Lane
Sugar Land, TX 77478

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TRANSMITTAL

To: New Mexico Office of the State Engineer
Roswell District 2

From: Aleeca Forsberg

Attn: Andy Morley

Date: August 5, 2021

Re: WR-07 Application for Permit to Drill a Well with No Water Right, 507 East Richey Avenue, Former Dowell Schlumberger Facility, Artesia, NM

We Are Sending You: **Method of shipment: FedEx**

☒ Attached ☐ Under separate cover via

☐ Documents ☐ Copies

☐ Drawings ☐ Specifications ☐ Other:

Quantity	Description
3	WR-07 Application for Permit to Drill a Well with No Water Right
1	Check #910 for $10.00, permit application fee

If the material received is not as listed please notify us at once.

Please send approved permit to:

Aleeca Forsberg
Jacobs
3721 Rutledge Rd NE, Ste B1
Albuquerque, NM 87109
Aleeca.Forsberg@jacobs.com
505.918.1800

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OFFICE OF THE STATE ENGINEER/INTERSTATE STREAM COMMISSION – ROSWELL OFFICE

OFFICIAL RECEIPT NUMBER: 2 - 43693 DATE: 08-09-2021 FILE NO.: _____

TOTAL: 10.00 RECEIVED: Ten DOLLARS CHECK NO.: 910 CASH: _____

PAYOR: Aleeca Forsberg ADDRESS: 1612 Pablo CT NE CITY: Albuquerque STATE: N.M.

ZIP: 87112 RECEIVED BY: MSA

INSTRUCTIONS: Indicate the number of actions to the left of the appropriate type of filing. Complete the receipt information. **Original** to payor; **pink** copy to Program Support/ASD; and **yellow** copy for Water Rights. If a mistake is made, void the original and all copies and submit to Program Support/ASD as part of your daily deposit.

A. Ground Water Filing Fees

___	1. Change of Ownership of Water Right	$ 2.00
___	2. Application to Appropriate or Supplement Domestic 72-12-1 Well	$ 125.00
___	3. Application to Repair or Deepen 72-12-1 Well	$ 75.00
___	4. Application for Replacement 72-12-1 Well	$ 75.00
___	5. Application to Change Purpose of Use 72-12-1 Well	$ 75.00
___	6. Application for Stock Well/Temp. Use	$ 5.00
___	7. Application to Appropriate Irrigation, Municipal, or Commercial Use	$ 25.00
___	8. Declaration of Water Right	$ 1.00
___	9. Application for Additional Point of Diversion Non 72-12-1 Per Well	$ 25.00
___	10. Application to Change Place or Purpose of Use Non 72-12-1 Well	$ 25.00
___	11. Application to Change Point of Diversion and Place and/or Purpose of Use from Surface Water to Ground Water	$ 50.00
___	12. Application to Change Point of Diversion and Place and/or Purpose of Use from Ground Water to Ground Water	$ 50.00
___	13. Application to Change Point of Diversion of Non 72-12-1 Well	$ 25.00
___	14. Application to Repair or Deepen Non 72-12-1 Well	$ 5.00
2	15. Application for Test, Expl. Observ. Well	$ 5.00
___	16. Application for Extension of Time	$ 25.00
___	17. Proof of Application to Beneficial Use	$ 25.00
___	18. Notice of Intent to Appropriate	$ 25.00

B. Surface Water Filing Fees

___	1. Change of Ownership of a Water Right	$ 5.00
___	2. Declaration of Water Right	$ 10.00
___	3. Amended Declaration	$ 25.00
___	4. Application to Change Point of Diversion and Place and/or Purpose of Use from Surface Water to Surface Water	$ 200.00
___	5. Application to Change Point of Diversion and Place and/or Purpose of Use from Ground Water to Surface Water	$ 200.00
___	6. Application to Change Point of Diversion	$ 100.00
___	7. Application to Change Place and/or Purpose of Use	$ 100.00
___	8. Application to Appropriate	$ 25.00
___	9. Notice of Intent to Appropriate	$ 25.00
___	10. Application for Extension of Time	$ 50.00
___	11. Supplemental Well to a Surface Right	$ 100.00
___	12. Return Flow Credit	$ 100.00
___	13. Proof of Completion of Works	$ 25.00
___	14. Proof of Application of Water to Beneficial Use	$ 25.00
___	15. Water Development Plan	$ 100.00
___	16. Declaration of Livestock Water Impoundment	$ 10.00
___	17. Application for Livestock Water Impoundment	$ 10.00

All fees are non-refundable.

C. Well Driller Fees

___	1. Application for Well Driller's License	$ 50.00
___	2. Application for Renewal of Well Driller's License	$ 50.00
___	3. Application to Amend Well Driller's License	$ 50.00

D. Reproduction of Documents

___ @ 0.25¢ $_____

___ Map(s) @ $3.00 $_____

E. Certification $_____

F. Other $_____

G. Comments: mail - Fed Ex

Appendix D
Soil Boring Logs and Well Construction Diagrams

ch2m. SM	**PROJECT NUMBER** D3367411.A.CS.EV.AR.21-04-02	**BORING NUMBER** MW-39	**SHEET #** 1 **of** 2

SOIL BORING LOG

PROJECT: Former Dowell Schlumberger Facility, Artesia, NM	**Date:** 9/3/21 - 9/8/21	**Drilling method and equipment:** Sonic Geoprobe 8150LS **Contractor:** Talon LPE	**Logger:** M. Miller	**TOTAL DEPTH OF BORING:** 35 ft bgs

DEPTH BELOW SURFACE (FT)	RECOVERY (FT)	USCS CODE	SOIL DESCRIPTION	COMMENTS/NOTES: Depth of casing, drilling rate, drilling fluid loss, tests, and instrumentation
1	1.8	ML	**SILT** (ML), light brown to white, dry, soft, some caliche nodules up to 1.5"	PID = 0.0 ppm
2				
3				
4				
5				
6	5	ML	**SILT** (ML), light brown, dry, soft, low plasticity, cohesive, caliche nodules decreasing with depth	PID = 0.0 ppm
7				
8		CL	**LEAN CLAY** (CL), light reddish brown, dry, soft, cohesive, trace caliche, trace pink mottling, some silt	
9				
10				
11	4.5	CL	**LEAN CLAY** (CL), reddish brown, dry, soft, medium plasticity, cohesive, little caliche nodules	PID = 0.0 ppm
12				
13				
14		CH	**FAT CLAY** (CH), brown, dry, soft, cohesive, trace caliche, trace mottling	
15				
16	2.8	CL	**LEAN CLAY** (CL), reddish brown, wet, soft, noncohesive	PID = 0.0 ppm
17		CL	**LEAN CLAY** (CL), light brown to light pink, wet, soft, low plasticity, noncohesive	
18				
19				
20				
21	2.5	CL	**LEAN CLAY** (CL), light brown, wet, soft, non-plastic, some caliche nodules up to 0.5," 10 -15% silt	PID = 0.0 ppm
22				
23				
24				
25				

Sampler Signature: M. Miller Date: **9/8/2021**

ch2m.	PROJECT NUMBER D3367411	BORING NUMBER MW-39	SHEET # 2 of 2

SOIL BORING LOG

PROJECT: Dowell Schlumberger Facility, Artesia, NM	Date: 9/3/21 - 9/8/21	Drilling method and equipment: Sonic Geoprobe 8150LS Contractor: Talon LPE	Logger: M. Miller	TOTAL DEPTH OF BORING: 35 ft bgs

DEPTH BELOW SURFACE (FT)	RECOVERY (FT)	USCS CODE	SOIL DESCRIPTION	COMMENTS/NOTES: Depth of casing, drilling rate, drilling fluid loss, tests, and instrumentation
26	3.2	CH	**FAT CLAY** (CH), reddish brown, moist, soft, plastic, cohesive, some caliche nodules up to 0.5"	PID = 0.0 ppm
27		CH	**FAT CLAY** (CH), reddish brown, moist, medium, plastic, cohesive, some caliche nodules up to 2.5", firmness increases with depth	
28				
29				
30				
31	5.0	CH	**FAT CLAY** (CH), reddish brown, moist, firm, plastic, cohesive, increasing caliche nodules	PID = 0.0 ppm
32		CH	**FAT CLAY** (CH)- reddish brown, wet, soft, plastic, cohesive, caliche nodules up to 2.5"	
33				
34				
35		CH	**FAT CLAY** (CH), reddish brown, moist, firm, plastic, cohesive, caliche nodules up to 2.5"	
36			**End of boring**	
37				
38				
39				
40				
41				
42				
43				
44				
45				
46				
47				
48				
49				
50				

Sampler Signature: M. Miller Date: **9/8/2021**

ch2m. SM	PROJECT NUMBER D3367411	BORING NUMBER MW-40	SHEET # 1 of 2	
	SOIL BORING LOG			
PROJECT: Former Dowell Schlumberger Facility, Artesia, NM	Date: 9/9/2021	Drilling method and equipment: Sonic Geoprobe 8150LS Contractor: Talon LPE	Logger: M. Miller / A. Forsberg	TOTAL DEPTH OF BORING: 35 ft bgs

DEPTH BELOW SURFACE (FT)	RECOVERY (FT)	USCS CODE	SOIL DESCRIPTION	COMMENTS/NOTES: Depth of casing, drilling rate, drilling fluid loss, tests, and instrumentation
1 – 5	2.5	ML	**SILT** (ML), light brown to white, dry, soft, non-plastic	PID = 0.0 ppm
6 – 10	2.5	ML	**SILT** (ML), light brown to white, dry, soft but increasingly cohesive with depth, few caliche nodules increasing with depth	PID = 0.0 ppm
11 – 15	3.0	CL	**LEAN CLAY** (CL), light brown to white, moist, stiff, low plasticity, cohesive, trace caliche nodules up to 0.25 "	PID = 0.0 ppm
16 – 20			No Recovery	
21 – 22	3.2	CL	**LEAN CLAY** (CL), light reddish brown, moist, soft, low plasticity, cohesive, mottling of clay, with sandy silt	PID = 0.0 ppm
23 – 25		CL	**LEAN CLAY** (CL), light reddish brown, moist, soft, plastic, cohesive, mottling of clay, decreasing sandy silt with depth, increasing firmness with depth	

Sampler Signature: M. Miller Date: 9/9/2021

ch2m. SM		PROJECT NUMBER D3367411	BORING NUMBER MW-40	SHEET # 2 of 2	
		SOIL BORING LOG			
PROJECT: Dowell Schlumberger Facility, Artesia, NM		Date: 9/9/2021	Drilling method and equipment: Sonic Geoprobe 8150LS Contractor: Talon LPE	Logger: M. Miller / A. Forsberg	TOTAL DEPTH OF BORING: 35 ft bgs

DEPTH BELOW SURFACE (FT)	RECOVERY (FT)	USCS CODE	SOIL DESCRIPTION	COMMENTS/NOTES: Depth of casing, drilling rate, drilling fluid loss, tests, and instrumentation
26	3.2	CH	**LEAN CLAY** (CL), light brown to brown, dry, very stiff, non-plastic, cohesive, some caliche nodules up to 2"	PID = 0.0 ppm
27				
28				
29				
30				
31	4.0	CH	**FAT CLAY** (CH), light reddish brown, moist, very stiff, cohesive, gravel sized caliche nodules in bottom foot	PID = 0.0 ppm
32				
33		ML	**SILT** (ML), light reddish brown to reddish gray, wet, stiff, high plasticity, small gravel-size caliche percentage increasing with depth	
34				
35				
36			**End of boring**	
37				
38				
39				
40				
41				
42				
43				
44				
45				
46				
47				
48				
49				
50				

Sampler Signature: M. Miller Date: 9/9/2021

PROJECT NUMBER	WELL NUMBER	
D3367411	MW-39	SHEET 1 OF 1

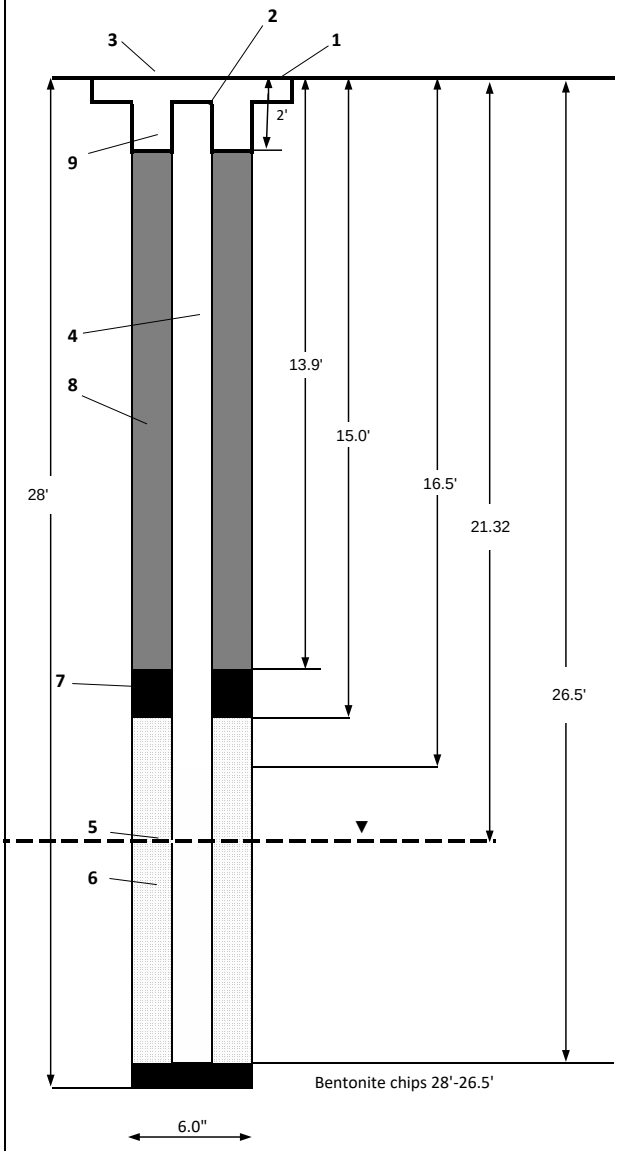
WELL COMPLETION DIAGRAM

PROJECT : Former Dowell Schlumberger Facility, Artesia, NM LOCATION : Artesia, NM

DRILLING CONTRACTOR : TalonLPE COORDINATES : 677244.68 feet North, 524404.8 feet East

DRILLING METHOD AND EQUIPMENT USED : Sonic Geoprobe B150 LS DRILLER: D. Martinez

WATER LEVEL : 21.32 on 9/9/21 START : 9/9/2021 END : 9/11/2021 LOGGER : A. Forsberg



1-	Ground elevation at well	3352.96 feet above mean sea level
2-	Top of PVC casing elevation	3352.98 feet above mean sea level
	a) protective cover elevation	3353.24 feet above mean sea level
3-	Wellhead protection cover type	8 inch flushmount
	a) weep hole?	No
	b) concrete pad dimensions	2' x 2' x 4"
4-	Dia./type of well casing	2" ID PVC SCH 40
5-	Type/slot size of screen	0.010" mil-slot screen
6-	Type screen filter	8/16 sand
	a) calculated volume	NA
	b) actual volume installed	3.5 bags
	c) placement	pour
7-	Type of seal - sanitary	Bentonite chips (3/8")
	a) calculated volume	NA
	b) actual volume installed	0.5 bag
	c) placement	pour
8-	Type of seal - cement	Quickrete Type I/II Portland cement, 5% QuikGel
	a) calculated volume	NA
	b) actual volume installed	3.5 bags
	c) placement	Tremie
9-	Cement	
	a) cement mix used	Quikrete Type II/I Portland cement
	b) calculated volume	NA
	c) actual volume installed	1.5 bags
	d) placement	Pour
	Development method	surge and purge
	Estimated purge volume	12 gallons
	Development time	2.5 hours

Comments: water coming in from bottom 1-foot of screen
bentonite chips from 28-26.5 bgs
Original borehole abandoned and well redrilled to install at correct depth.

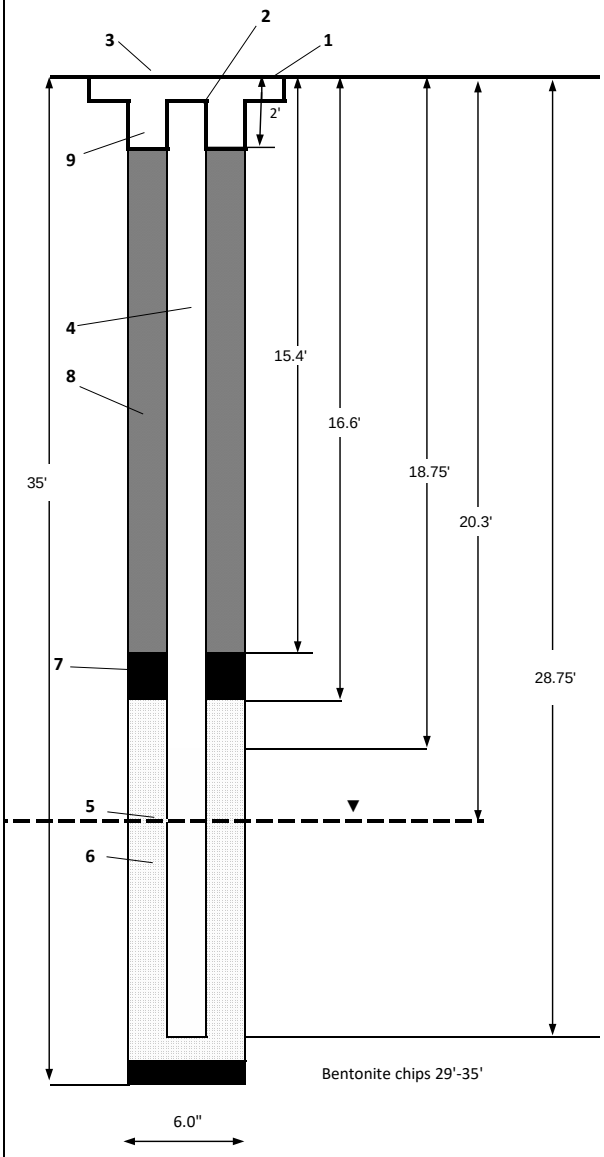
Not to scale

NA = not applicable

PROJECT NUMBER	WELL NUMBER	
D3367411	MW-40	SHEET 1 OF 1

WELL COMPLETION DIAGRAM

PROJECT : Former Dowell Schlumberger Facility, Artesia, NM	LOCATION : Artesia, NM		
DRILLING CONTRACTOR : TalonLPE	COORDINATES : 677420.8 feet North, 524433.01 feet East		
DRILLING METHOD AND EQUIPMENT USED :	Sonic Geoprobe B150 LS	DRILLER:	D. Martinez
WATER LEVEL : 25.81 on 9/10/2021	START : 9/9/2021	END : 9/11/2021	LOGGER : A Forsberg



Not to scale

1-	Ground elevation at well	3352.99 feet above mean sea level
2-	Top of PVC casing elevation	3352.89 feet above mean sea level
	a) protective cover elevation	3353.12 feet above mean sea level
3-	Wellhead protection cover type	8 inch flushmount
	a) weep hole?	No
	b) concrete pad dimensions	2' x 2' x 4"
4-	Dia./type of well casing	2" ID PVC SCH 40
5-	Type/slot size of screen	0.010" mil-slot screen
6-	Type screen filter	8/16 sand
	a) calculated volume	NA
	b) actual volume installed	3.5 bags
	c) placement	pour
7-	Type of seal - sanitary	Bentonite chips (3/8")
	a) calculated volume	NA
	b) actual volume installed	1.5 bags + 1.5 in bottom of borehole
	c) placement	pour
8-	Type of seal - concrete	Quickrete Type I/II Portland cement, 5% QuikGel
	a) calculated volume	NA
	b) actual volume installed	3.5 bags
	c) placement	Tremie
9-	Cement	
	a) cement mix used	Quikrete Type II/I Portland cement
	b) calculated volume	NA
	c) actual volume installed	1.5 bags
	d) placement	Pour
	Development method	swab and bail, surge and pump
	Estimated purge volume	15 gallons
	Development time	1.5 hours

Comments: added 15 gallons of potable water to surge and purge on 9.10.21
removed 15 gallons of water total. Recharge is slow.

Appendix E
Laboratory Analytical Reports and Data Validation Checklists

Data Usability Review: Data Package			
Client Name:	**Dowell Artesia**	Project Number:	**D3367411 A.CS.EV.AR.21-04-02**
Project / Affected Property:	**1H2021 Groundwater**	Project Manager:	**Aleeca Forsberg/ABQ**
Laboratory:	**Eurofins-Stafford**	Lab SDG # / Job #:	**560-92246-1**
Reviewer:	**John Ynfante/HOU**	Date Reviewed:	
Level of Review / Validation:	**Level 3**		

ITEM	YES	NO	N/A	COMMENTS
Laboratory Data Package Signature Page included?	☑	☐	☐	
Date of sample collection included?	☑	☐	☐	
Sample receipt temperature ≤ 6° C?	☑	☐	☐	3.6 deg C
Signed COCs included?	☑	☐	☐	
Field ID included?	☑	☐	☐	
Laboratory ID included?	☑	☐	☐	
Date of analysis included?	☑	☐	☐	
Date of sample preparation included?	☑	☐	☐	
Detection levels included?	☑	☐	☐	
Method reference included?	☑	☐	☐	
Sample matrix included?	☑	☐	☐	
Sample results included?	☑	☐	☐	
Case narrative included, where required?	☑	☐	☐	

Definitions: AA - Atomic Absorption; %D - Percent Difference, ICP - Inductively Coupled Plasma; IDL - Instrument Detection Limit; MDL - Method Detection Limit; MQL - Method Quantitation Limit; %R - Percent Recovery; RF - Response Factor; RPD - Relative Percent Difference; RRT - Relative Retention Time; RSD - Relative Standard Deviation.

COMMENTS
VOCs: J (FD)
Sulfate: No DV flags applied.

Data Usability Review: VOCs (GC/MS), SW-846 8260B

Client Name:	**Dowell Artesia**	Project Number:	**D3367411 A.CS.EV.AR.21-04-02**
Project / Affected Property:	**1H2021 Groundwater**	Project Manager:	**Aleeca Forsberg/ABQ**
Laboratory:	**Eurofins-Stafford**	Lab SDG # / Job #:	**560-92246-1**
Reviewer:	**John Ynfante/HOU**		
Level of Review / Validation:	**Level 3**		

ITEM	YES	NO	N/A	COMMENTS
Preparatory/analytical holding time met?	☑	☐	☐	
Surrogate data included in lab package?	☑	☐	☐	
%R criteria met? (use limits listed below or specify lab limits). Reject %R <10%.	☑	☐	☐	
R5 Method blank data included in Lab Package?	☑	☐	☐	
Criteria met?	☑	☐	☐	
QC check samples/LCS data included in lab package?	☑	☐	☐	
%R criteria met? (specified limits)	☑	☐	☐	
Matrix spike data included in lab package?	☑	☐	☐	560-92246-1MS/MSD
%R criteria met? (laboratory specified limits)	☑	☐	☐	
RPD criteria met? (< 20% water, <50% soil)	☑	☐	☐	
Initial calibration documentation included in lab package?	☑	☐	☐	
RF criteria met for SPCC? RRF <0.05 rejected.	☑	☐	☐	
%RSD criteria met for CCC? (<30% RSD for CCC, >15% RSD must have fit)	☑	☐	☐	
Calibration verification data included in lab package?	☑	☐	☐	
RF criteria met for SPCC? RRF <0.05 rejected.	☑	☐	☐	
%D criteria met for CCC? (20% Max, Qualify >25%D)	☑	☐	☐	
Instrument Tune documentation included in lab package?	☑	☐	☐	
Instrument Tune Criteria met?	☑	☐	☐	
Internal standard data included in lab package?	☑	☐	☐	
Area within limits? (within -50% to +100% of last calibration check?	☑	☐	☐	
RRT within limits? (<30 sec. Difference from last calibration check?	☑	☐	☐	

Surrogates	Control Limits	Lab Limits?
1,2-Dichloroethane-d4	water 80-120%, soil 80-120%	
Dibromofluoromethane	water 86-118%, soil 80-120%	
Toluene-d8	water 88-110%, soil 81-117%	
4-Bromofluorobenzene	water 86-115%, soil 74-121%	

Notes:

* SPCC: chloromethane (0.1); 1,1-dichloroethane (0.1); bromoform (0.1); chlorobenzene (0.3); and 1,1,2,2-tetrachloroethane (0.3).

Definitions: AA - Atomic Absorption; %D - Percent Difference, ICP - Inductively Coupled Plasma; IDL - Instrument Detection Limit; MDL - Method Detection Limit; MQL - Method Quantitation Limit; %R - Percent Recovery; RF - Response Factor; RPD - Relative P

COMMENTS

FD: RPD between Artesia-MW37-012621 and field duplicate Artesia-MD37-012621 outside criteria for 1,1-Dichloroethane. Results flagged J.

Data Usability Review: Sulfate EPA 300

Client Name:	**Dowell Artesia**	Project Number:	**D3367411 A.CS.EV.AR.21-04-02**
Project / Affected Property:	**1H2021 Groundwater**	Project Manager:	**Aleeca Forsberg/ABQ**
Laboratory:	**Eurofins-Stafford**	Lab SDG # / Job #:	**560-92246-1**
Reviewer:	**John Ynfante/HOU**		
Level of Review / Validation:	**Level 3**		

ITEM	YES	NO	N/A	COMMENTS
Preparatory/analytical holding time met?	☑	☐	☐	
Method blank data included in Lab Package?	☑	☐	☐	
Criteria met? (<MQL)	☑	☐	☐	
QC check samples/LCS data included in lab package?	☑	☐	☐	
%R criteria met?	☑	☐	☐	
Matrix spike data included in lab package?	☑	☐	☐	560-92246-1MS/MSD
%R criteria met? (AA/ICP 75-125%, Hg 85-115%)	☑	☐	☐	
Sample duplicate data included in lab package?	☑	☐	☐	
RPD criteria met? (RPD < 20%)	☑	☐	☐	
Initial calibration documentation included in lab package?	☑	☐	☐	
Calibration verification data included in lab package?	☑	☐	☐	
%R criteria met? (Initial 90-110%)	☑	☐	☐	

Notes:

Definitions: AA - Atomic Absorption; %D - Percent Difference, ICP - Inductively Coupled Plasma; IDL - Instrument Detection Limit; MDL - Method Detection Limit; MQL - Method Quantitation Limit; %R - Percent Recovery; RF - Response Factor; RPD - Relative P

COMMENTS

DL: The following samples were diluted to bring the concentration of target analytes within the calibration range: Artesia-MW11-012621 (560-92246-1), Artesia-MW11-012621 (560-92246-1[MS]), Artesia-MW11-012621 (560-92246-1[MSD]), Artesia-MW17C-012621 (560-92246-2), Artesia-MW12-012621 (560-92246-3), Artesia-MW36-012621 (560-92246-5), Artesia-MW37-012621 (560-92246-6), Artesia-MW38-012621 (560-92246-7) and Artesia-MD37-012621 (560-92246-8). Elevated reporting limits (RLs) are provided.

OT: Case narrative incorrectly included the following partial sentence "Method 300.0: The following sample(s) was analyzed outside of analytical holding time due to instrument error.". All analyses were performed within holding time. Revision requested from laboratory.

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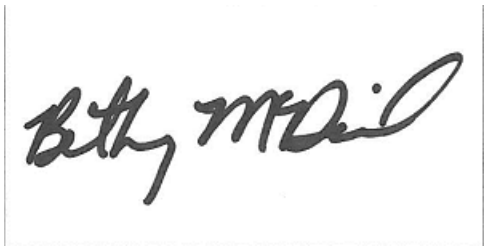
ANALYTICAL REPORT

Job Number: 560-92246-1

Job Description: Dowell - Artesia, 01/26/2021

For:
Jacobs Engineering Group, Inc.
3721 Rutledge Rd NE
Suite B-1
Albuquerque, NM 87109

Attention: Aleeca Forsberg



Approved for release.
Bethany A McDaniel
Senior Project Manager
3/20/2021 6:22 PM

Bethany A McDaniel, Senior Project Manager
4147 Greenbriar Dr, Stafford, TX, 77477
(713)358-2005
Bethany.McDaniel@Eurofinset.com

03/20/2021
Revision: 1

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Xenco LLC Project Manager.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Eurofins Xenco, Corpus Christi
1733 N. Padre Island Drive, Corpus Christi, TX 78408
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Definitions/Glossary

Client: Jacobs Engineering Group, Inc.
Job ID: 560-92246-1
Project/Site: Dowell - Artesia, 01/26/2021

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
560-92246-1

Comments
This report was revised on March 20, 2021 for the case narrative.

Receipt
The samples were received on 1/27/2021 11:20 AM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.6º C.

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry
Method 300.0: The following samples were diluted to bring the concentration of target analytes within the calibration range: Artesia-MW11-012621 (560-92246-1), Artesia-MW11-012621 (560-92246-1[MS]), Artesia-MW11-012621 (560-92246-1[MSD]), Artesia-MW17C-012621 (560-92246-2), Artesia-MW12-012621 (560-92246-3), Artesia-MW36-012621 (560-92246-5), Artesia-MW37-012621 (560-92246-6), Artesia-MW38-012621 (560-92246-7) and Artesia-MD37-012621 (560-92246-8). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia, 01/26/2021

Job ID: 560-92246-1

Client Sample ID: Artesia-MW11-012621 — Lab Sample ID: 560-92246-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.00368		0.00100	0.000168	mg/L	1		8260B	Total/NA
Sulfate	1920		100	37.7	mg/L	100		300.0	Total/NA

Client Sample ID: Artesia-MW17C-012621 — Lab Sample ID: 560-92246-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	1870		100	37.7	mg/L	100		300.0	Total/NA

Client Sample ID: Artesia-MW12-012621 — Lab Sample ID: 560-92246-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.00158		0.00100	0.000300	mg/L	1		8260B	Total/NA
Benzene	0.000806	J	0.00100	0.000330	mg/L	1		8260B	Total/NA
1,1-Dichloroethane	0.0357		0.00100	0.000168	mg/L	1		8260B	Total/NA
Naphthalene	0.00108	J	0.00500	0.000200	mg/L	1		8260B	Total/NA
Sulfate	2100		100	37.7	mg/L	100		300.0	Total/NA

Client Sample ID: Artesia-TB-012621 — Lab Sample ID: 560-92246-4

No Detections.

Client Sample ID: Artesia-MW36-012621 — Lab Sample ID: 560-92246-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.000466	J	0.00100	0.000300	mg/L	1		8260B	Total/NA
Benzene	0.00295		0.00100	0.000330	mg/L	1		8260B	Total/NA
1,1-Dichloroethane	0.0177		0.00100	0.000168	mg/L	1		8260B	Total/NA
Tetrachloroethene	0.00856		0.00100	0.000189	mg/L	1		8260B	Total/NA
Naphthalene	0.00337	J	0.00500	0.000200	mg/L	1		8260B	Total/NA
Sulfate	1890		100	37.7	mg/L	100		300.0	Total/NA

Client Sample ID: Artesia-MW37-012621 — Lab Sample ID: 560-92246-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.00286		0.00100	0.000300	mg/L	1		8260B	Total/NA
Benzene	0.00179		0.00100	0.000330	mg/L	1		8260B	Total/NA
1,1-Dichloroethane	0.0292		0.00100	0.000168	mg/L	1		8260B	Total/NA
Tetrachloroethene	0.00362		0.00100	0.000189	mg/L	1		8260B	Total/NA
Naphthalene	0.00109	J	0.00500	0.000200	mg/L	1		8260B	Total/NA
Sulfate	2570		100	37.7	mg/L	100		300.0	Total/NA

Client Sample ID: Artesia-MW38-012621 — Lab Sample ID: 560-92246-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.00294		0.00100	0.000300	mg/L	1		8260B	Total/NA
Benzene	0.00185		0.00100	0.000330	mg/L	1		8260B	Total/NA
1,1-Dichloroethane	0.102		0.00100	0.000168	mg/L	1		8260B	Total/NA
Tetrachloroethene	0.00500		0.00100	0.000189	mg/L	1		8260B	Total/NA
Naphthalene	0.00145	J	0.00500	0.000200	mg/L	1		8260B	Total/NA
Sulfate	1830		100	37.7	mg/L	100		300.0	Total/NA

Client Sample ID: Artesia-MD37-012621 — Lab Sample ID: 560-92246-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.00149		0.00100	0.000300	mg/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Xenco, Corpus Christi

Detection Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia, 01/26/2021

Job ID: 560-92246-1

Client Sample ID: Artesia-MD37-012621 (Continued)

Lab Sample ID: 560-92246-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.00120		0.00100	0.000330	mg/L	1		8260B	Total/NA
1,1-Dichloroethane	0.0169		0.00100	0.000168	mg/L	1		8260B	Total/NA
Tetrachloroethene	0.00260		0.00100	0.000189	mg/L	1		8260B	Total/NA
Naphthalene	0.000591	J	0.00500	0.000200	mg/L	1		8260B	Total/NA
Sulfate	2420		100	37.7	mg/L	100		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia, 01/26/2021

Job ID: 560-92246-1

Client Sample ID: Artesia-MW11-012621

Lab Sample ID: 560-92246-1
Date Collected: 01/26/21 12:35
Matrix: Water
Date Received: 01/27/21 11:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.000300	U	0.00100	0.000300	mg/L			01/28/21 13:48	1
Benzene	0.000330	U	0.00100	0.000330	mg/L			01/28/21 13:48	1
1,1-Dichloroethane	**0.00368**		0.00100	0.000168	mg/L			01/28/21 13:48	1
Tetrachloroethene	0.000189	U	0.00100	0.000189	mg/L			01/28/21 13:48	1
Naphthalene	0.000200	U	0.00500	0.000200	mg/L			01/28/21 13:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*113*		*69 - 130*		*01/28/21 13:48*	*1*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*		*01/28/21 13:48*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 140*		*01/28/21 13:48*	*1*
Toluene-d8 (Surr)	*107*		*70 - 130*		*01/28/21 13:48*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**1920**		100	37.7	mg/L			01/28/21 20:49	100

Client Sample ID: Artesia-MW17C-012621

Lab Sample ID: 560-92246-2
Date Collected: 01/26/21 11:35
Matrix: Water
Date Received: 01/27/21 11:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.000300	U	0.00100	0.000300	mg/L			01/28/21 15:53	1
Benzene	0.000330	U	0.00100	0.000330	mg/L			01/28/21 15:53	1
1,1-Dichloroethane	0.000168	U	0.00100	0.000168	mg/L			01/28/21 15:53	1
Tetrachloroethene	0.000189	U	0.00100	0.000189	mg/L			01/28/21 15:53	1
Naphthalene	0.000200	U	0.00500	0.000200	mg/L			01/28/21 15:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*111*		*69 - 130*		*01/28/21 15:53*	*1*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*		*01/28/21 15:53*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 140*		*01/28/21 15:53*	*1*
Toluene-d8 (Surr)	*112*		*70 - 130*		*01/28/21 15:53*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**1870**		100	37.7	mg/L			01/28/21 22:31	100

Client Sample ID: Artesia-MW12-012621

Lab Sample ID: 560-92246-3
Date Collected: 01/26/21 10:35
Matrix: Water
Date Received: 01/27/21 11:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	**0.00158**		0.00100	0.000300	mg/L			01/28/21 14:13	1
Benzene	**0.000806**	**J**	0.00100	0.000330	mg/L			01/28/21 14:13	1
1,1-Dichloroethane	**0.0357**		0.00100	0.000168	mg/L			01/28/21 14:13	1
Tetrachloroethene	0.000189	U	0.00100	0.000189	mg/L			01/28/21 14:13	1
Naphthalene	**0.00108**	**J**	0.00500	0.000200	mg/L			01/28/21 14:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*102*		*69 - 130*		*01/28/21 14:13*	*1*

Client Sample Results

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia, 01/26/2021

Job ID: 560-92246-1

Client Sample ID: Artesia-MW12-012621
Lab Sample ID: 560-92246-3
Date Collected: 01/26/21 10:35
Matrix: Water
Date Received: 01/27/21 11:20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*		*01/28/21 14:13*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 140*		*01/28/21 14:13*	*1*
Toluene-d8 (Surr)	*108*		*70 - 130*		*01/28/21 14:13*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**2100**		100	37.7	mg/L			01/28/21 23:05	100

Client Sample ID: Artesia-TB-012621
Lab Sample ID: 560-92246-4
Date Collected: 01/26/21 08:00
Matrix: Water
Date Received: 01/27/21 11:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.000300	U	0.00100	0.000300	mg/L			01/28/21 13:23	1
Benzene	0.000330	U	0.00100	0.000330	mg/L			01/28/21 13:23	1
1,1-Dichloroethane	0.000168	U	0.00100	0.000168	mg/L			01/28/21 13:23	1
Tetrachloroethene	0.000189	U	0.00100	0.000189	mg/L			01/28/21 13:23	1
Naphthalene	0.000200	U	0.00500	0.000200	mg/L			01/28/21 13:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*104*		*69 - 130*		*01/28/21 13:23*	*1*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*		*01/28/21 13:23*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 140*		*01/28/21 13:23*	*1*
Toluene-d8 (Surr)	*111*		*70 - 130*		*01/28/21 13:23*	*1*

Client Sample ID: Artesia-MW36-012621
Lab Sample ID: 560-92246-5
Date Collected: 01/26/21 13:35
Matrix: Water
Date Received: 01/27/21 11:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	**0.000466**	**J**	0.00100	0.000300	mg/L			01/28/21 14:38	1
Benzene	**0.00295**		0.00100	0.000330	mg/L			01/28/21 14:38	1
1,1-Dichloroethane	**0.0177**		0.00100	0.000168	mg/L			01/28/21 14:38	1
Tetrachloroethene	**0.00856**		0.00100	0.000189	mg/L			01/28/21 14:38	1
Naphthalene	**0.00337**	**J**	0.00500	0.000200	mg/L			01/28/21 14:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*100*		*69 - 130*		*01/28/21 14:38*	*1*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*		*01/28/21 14:38*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 140*		*01/28/21 14:38*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*01/28/21 14:38*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**1890**		100	37.7	mg/L			01/28/21 23:38	100

Client Sample Results

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia, 01/26/2021

Job ID: 560-92246-1

Client Sample ID: Artesia-MW37-012621

Lab Sample ID: 560-92246-6
Matrix: Water
Date Collected: 01/26/21 12:30
Date Received: 01/27/21 11:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.00286		0.00100	0.000300	mg/L			01/28/21 15:03	1
Benzene	0.00179		0.00100	0.000330	mg/L			01/28/21 15:03	1
1,1-Dichloroethane	0.0292		0.00100	0.000168	mg/L			01/28/21 15:03	1
Tetrachloroethene	0.00362		0.00100	0.000189	mg/L			01/28/21 15:03	1
Naphthalene	0.00109	J	0.00500	0.000200	mg/L			01/28/21 15:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*99*		*69 - 130*		*01/28/21 15:03*	*1*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*		*01/28/21 15:03*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 140*		*01/28/21 15:03*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*		*01/28/21 15:03*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	2570		100	37.7	mg/L			01/29/21 00:12	100

Client Sample ID: Artesia-MW38-012621

Lab Sample ID: 560-92246-7
Matrix: Water
Date Collected: 01/26/21 12:05
Date Received: 01/27/21 11:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.00294		0.00100	0.000300	mg/L			01/28/21 15:28	1
Benzene	0.00185		0.00100	0.000330	mg/L			01/28/21 15:28	1
1,1-Dichloroethane	0.102		0.00100	0.000168	mg/L			01/28/21 15:28	1
Tetrachloroethene	0.00500		0.00100	0.000189	mg/L			01/28/21 15:28	1
Naphthalene	0.00145	J	0.00500	0.000200	mg/L			01/28/21 15:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*98*		*69 - 130*		*01/28/21 15:28*	*1*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*		*01/28/21 15:28*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 140*		*01/28/21 15:28*	*1*
Toluene-d8 (Surr)	*111*		*70 - 130*		*01/28/21 15:28*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	1830		100	37.7	mg/L			01/29/21 00:46	100

Client Sample ID: Artesia-MD37-012621

Lab Sample ID: 560-92246-8
Matrix: Water
Date Collected: 01/26/21 12:35
Date Received: 01/27/21 11:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.00149		0.00100	0.000300	mg/L			01/28/21 16:18	1
Benzene	0.00120		0.00100	0.000330	mg/L			01/28/21 16:18	1
1,1-Dichloroethane	0.0169		0.00100	0.000168	mg/L			01/28/21 16:18	1
Tetrachloroethene	0.00260		0.00100	0.000189	mg/L			01/28/21 16:18	1
Naphthalene	0.000591	J	0.00500	0.000200	mg/L			01/28/21 16:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*105*		*69 - 130*		*01/28/21 16:18*	*1*

Client Sample Results

Client: Jacobs Engineering Group, Inc.
Job ID: 560-92246-1
Project/Site: Dowell - Artesia, 01/26/2021

Client Sample ID: Artesia-MD37-012621
Lab Sample ID: 560-92246-8
Date Collected: 01/26/21 12:35
Matrix: Water
Date Received: 01/27/21 11:20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*		*01/28/21 16:18*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 140*		*01/28/21 16:18*	*1*
Toluene-d8 (Surr)	*107*		*70 - 130*		*01/28/21 16:18*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**2420**		100	37.7	mg/L			01/29/21 01:20	100

Default Detection Limits

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia, 01/26/2021

Job ID: 560-92246-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	RL	MDL	Units
1,1-Dichloroethane	0.00100	0.000168	mg/L
1,1-Dichloroethene	0.00100	0.000300	mg/L
Benzene	0.00100	0.000330	mg/L
Naphthalene	0.00500	0.000200	mg/L
Tetrachloroethene	0.00100	0.000189	mg/L

General Chemistry

Analyte	RL	MDL	Units
Sulfate	1.00	0.377	mg/L

Surrogate Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia, 01/26/2021

Job ID: 560-92246-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DBFM	BFB	DCA	TOL
Lab Sample ID	Client Sample ID	(69-130)	(70-130)	(70-140)	(70-130)
560-92246-1	Artesia-MW11-012621	113	88	103	107
560-92246-1 MS	Artesia-MW11-012621	103	97	94	109
560-92246-1 MSD	Artesia-MW11-012621	102	100	91	102
560-92246-2	Artesia-MW17C-012621	111	91	105	112
560-92246-3	Artesia-MW12-012621	102	90	98	108
560-92246-4	Artesia-TB-012621	104	89	101	111
560-92246-5	Artesia-MW36-012621	100	93	100	105
560-92246-6	Artesia-MW37-012621	99	97	95	106
560-92246-7	Artesia-MW38-012621	98	92	96	111
560-92246-8	Artesia-MD37-012621	105	91	101	107
LCS 560-182388/3	Lab Control Sample	105	98	98	115
MB 560-182388/8	Method Blank	101	92	99	111

Surrogate Legend

DBFM = Dibromofluoromethane (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

QC Sample Results

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia, 01/26/2021

Job ID: 560-92246-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 560-182388/8
Matrix: Water
Analysis Batch: 182388

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.000300	U	0.00100	0.000300	mg/L			01/28/21 12:58	1
Benzene	0.000330	U	0.00100	0.000330	mg/L			01/28/21 12:58	1
1,1-Dichloroethane	0.000168	U	0.00100	0.000168	mg/L			01/28/21 12:58	1
Tetrachloroethene	0.000189	U	0.00100	0.000189	mg/L			01/28/21 12:58	1
Naphthalene	0.000200	U	0.00500	0.000200	mg/L			01/28/21 12:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*101*		*69 - 130*		*01/28/21 12:58*	*1*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*		*01/28/21 12:58*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 140*		*01/28/21 12:58*	*1*
Toluene-d8 (Surr)	*111*		*70 - 130*		*01/28/21 12:58*	*1*

Lab Sample ID: LCS 560-182388/3
Matrix: Water
Analysis Batch: 182388

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,1-Dichloroethene			0.0250	0.02543		mg/L		102	70 - 139		
Benzene			0.0250	0.02650		mg/L		106	70 - 130		
1,1-Dichloroethane			0.0250	0.02531		mg/L		101	70 - 130		
Tetrachloroethene			0.0250	0.03056		mg/L		122	70 - 135		
Naphthalene			0.0250	0.02466		mg/L		99	70 - 159		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*105*		*69 - 130*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 140*
Toluene-d8 (Surr)	*115*		*70 - 130*

Lab Sample ID: 560-92246-1 MS
Matrix: Water
Analysis Batch: 182388

Client Sample ID: Artesia-MW11-012621
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,1-Dichloroethene	0.000300	U	0.0250	0.02169		mg/L		87	67 - 143		
Benzene	0.000330	U	0.0250	0.02312		mg/L		92	70 - 130		
1,1-Dichloroethane	0.00368		0.0250	0.02611		mg/L		90	70 - 130		
Tetrachloroethene	0.000189	U	0.0250	0.02543		mg/L		102	69 - 130		
Naphthalene	0.000200	U	0.0250	0.02258		mg/L		90	62 - 145		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*103*		*69 - 130*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 140*
Toluene-d8 (Surr)	*109*		*70 - 130*

QC Sample Results

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia, 01/26/2021

Job ID: 560-92246-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 560-92246-1 MSD
Matrix: Water
Analysis Batch: 182388

Client Sample ID: Artesia-MW11-012621
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethene	0.000300	U	0.0250	0.02141		mg/L		86	67 - 143	1	20
Benzene	0.000330	U	0.0250	0.02331		mg/L		93	70 - 130	1	20
1,1-Dichloroethane	0.00368		0.0250	0.02476		mg/L		84	70 - 130	5	20
Tetrachloroethene	0.000189	U	0.0250	0.02477		mg/L		99	69 - 130	3	20
Naphthalene	0.000200	U	0.0250	0.02297		mg/L		92	62 - 145	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*102*		*69 - 130*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 140*
Toluene-d8 (Surr)	*102*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 560-182460/4
Matrix: Water
Analysis Batch: 182460

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	0.377	U	1.00	0.377	mg/L			01/28/21 15:09	1

Lab Sample ID: LCS 560-182460/5
Matrix: Water
Analysis Batch: 182460

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfate	20.0	20.29		mg/L		101	90 - 110

Lab Sample ID: 560-92246-1 MS
Matrix: Water
Analysis Batch: 182460

Client Sample ID: Artesia-MW11-012621
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfate	1920		2000	4178		mg/L		113	80 - 120

Lab Sample ID: 560-92246-1 MSD
Matrix: Water
Analysis Batch: 182460

Client Sample ID: Artesia-MW11-012621
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfate	1920		2000	3933		mg/L		101	80 - 120	6	20

QC Association Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia, 01/26/2021

Job ID: 560-92246-1

GC/MS VOA

Analysis Batch: 182388

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
560-92246-1	Artesia-MW11-012621	Total/NA	Water	8260B	
560-92246-2	Artesia-MW17C-012621	Total/NA	Water	8260B	
560-92246-3	Artesia-MW12-012621	Total/NA	Water	8260B	
560-92246-4	Artesia-TB-012621	Total/NA	Water	8260B	
560-92246-5	Artesia-MW36-012621	Total/NA	Water	8260B	
560-92246-6	Artesia-MW37-012621	Total/NA	Water	8260B	
560-92246-7	Artesia-MW38-012621	Total/NA	Water	8260B	
560-92246-8	Artesia-MD37-012621	Total/NA	Water	8260B	
MB 560-182388/8	Method Blank	Total/NA	Water	8260B	
LCS 560-182388/3	Lab Control Sample	Total/NA	Water	8260B	
560-92246-1 MS	Artesia-MW11-012621	Total/NA	Water	8260B	
560-92246-1 MSD	Artesia-MW11-012621	Total/NA	Water	8260B	

General Chemistry

Analysis Batch: 182460

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
560-92246-1	Artesia-MW11-012621	Total/NA	Water	300.0	
560-92246-2	Artesia-MW17C-012621	Total/NA	Water	300.0	
560-92246-3	Artesia-MW12-012621	Total/NA	Water	300.0	
560-92246-5	Artesia-MW36-012621	Total/NA	Water	300.0	
560-92246-6	Artesia-MW37-012621	Total/NA	Water	300.0	
560-92246-7	Artesia-MW38-012621	Total/NA	Water	300.0	
560-92246-8	Artesia-MD37-012621	Total/NA	Water	300.0	
MB 560-182460/4	Method Blank	Total/NA	Water	300.0	
LCS 560-182460/5	Lab Control Sample	Total/NA	Water	300.0	
560-92246-1 MS	Artesia-MW11-012621	Total/NA	Water	300.0	
560-92246-1 MSD	Artesia-MW11-012621	Total/NA	Water	300.0	

Lab Chronicle

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia, 01/26/2021

Job ID: 560-92246-1

Client Sample ID: Artesia-MW11-012621
Lab Sample ID: 560-92246-1
Date Collected: 01/26/21 12:35
Matrix: Water
Date Received: 01/27/21 11:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	182388	01/28/21 13:48	A1S	TAL CC
Total/NA	Analysis	300.0		100	182460	01/28/21 20:49	JLC	TAL CC

Client Sample ID: Artesia-MW17C-012621
Lab Sample ID: 560-92246-2
Date Collected: 01/26/21 11:35
Matrix: Water
Date Received: 01/27/21 11:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	182388	01/28/21 15:53	A1S	TAL CC
Total/NA	Analysis	300.0		100	182460	01/28/21 22:31	JLC	TAL CC

Client Sample ID: Artesia-MW12-012621
Lab Sample ID: 560-92246-3
Date Collected: 01/26/21 10:35
Matrix: Water
Date Received: 01/27/21 11:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	182388	01/28/21 14:13	A1S	TAL CC
Total/NA	Analysis	300.0		100	182460	01/28/21 23:05	JLC	TAL CC

Client Sample ID: Artesia-TB-012621
Lab Sample ID: 560-92246-4
Date Collected: 01/26/21 08:00
Matrix: Water
Date Received: 01/27/21 11:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	182388	01/28/21 13:23	A1S	TAL CC

Client Sample ID: Artesia-MW36-012621
Lab Sample ID: 560-92246-5
Date Collected: 01/26/21 13:35
Matrix: Water
Date Received: 01/27/21 11:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	182388	01/28/21 14:38	A1S	TAL CC
Total/NA	Analysis	300.0		100	182460	01/28/21 23:38	JLC	TAL CC

Client Sample ID: Artesia-MW37-012621
Lab Sample ID: 560-92246-6
Date Collected: 01/26/21 12:30
Matrix: Water
Date Received: 01/27/21 11:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	182388	01/28/21 15:03	A1S	TAL CC
Total/NA	Analysis	300.0		100	182460	01/29/21 00:12	JLC	TAL CC

Lab Chronicle

Client: Jacobs Engineering Group, Inc.
Job ID: 560-92246-1
Project/Site: Dowell - Artesia, 01/26/2021

Client Sample ID: Artesia-MW38-012621
Lab Sample ID: 560-92246-7

Date Collected: 01/26/21 12:05
Matrix: Water
Date Received: 01/27/21 11:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	182388	01/28/21 15:28	A1S	TAL CC
Total/NA	Analysis	300.0		100	182460	01/29/21 00:46	JLC	TAL CC

Client Sample ID: Artesia-MD37-012621
Lab Sample ID: 560-92246-8

Date Collected: 01/26/21 12:35
Matrix: Water
Date Received: 01/27/21 11:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	182388	01/28/21 16:18	A1S	TAL CC
Total/NA	Analysis	300.0		100	182460	01/29/21 01:20	JLC	TAL CC

Laboratory References:

TAL CC = Eurofins Xenco, Corpus Christi, 1733 N. Padre Island Drive, Corpus Christi, TX 78408, TEL (361)289-2471

Accreditation/Certification Summary

Client: Jacobs Engineering Group, Inc.
Job ID: 560-92246-1
Project/Site: Dowell - Artesia, 01/26/2021

Laboratory: Eurofins Xenco, Corpus Christi

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Louisiana	NELAP	05094	06-30-21
Oklahoma	State	2020-006	08-31-21
Texas	NELAP	T104704210-19-23	03-31-21
USDA	US Federal Programs	P330-18-00314	10-31-21

Method Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia, 01/26/2021

Job ID: 560-92246-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CC
300.0	Anions, Ion Chromatography	MCAWW	TAL CC
5030B	Purge and Trap	SW846	TAL CC

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL CC = Eurofins Xenco, Corpus Christi, 1733 N. Padre Island Drive, Corpus Christi, TX 78408, TEL (361)289-2471

Sample Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia, 01/26/2021

Job ID: 560-92246-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
560-92246-1	Artesia-MW11-012621	Water	01/26/21 12:35	01/27/21 11:20	
560-92246-2	Artesia-MW17C-012621	Water	01/26/21 11:35	01/27/21 11:20	
560-92246-3	Artesia-MW12-012621	Water	01/26/21 10:35	01/27/21 11:20	
560-92246-4	Artesia-TB-012621	Water	01/26/21 08:00	01/27/21 11:20	
560-92246-5	Artesia-MW36-012621	Water	01/26/21 13:35	01/27/21 11:20	
560-92246-6	Artesia-MW37-012621	Water	01/26/21 12:30	01/27/21 11:20	
560-92246-7	Artesia-MW38-012621	Water	01/26/21 12:05	01/27/21 11:20	
560-92246-8	Artesia-MD37-012621	Water	01/26/21 12:35	01/27/21 11:20	

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Corpus Job No.: 560-92246-1

SDG No.:

Instrument ID: VGCMS#1 Analysis Batch Number: 177586

Lab Sample ID: STD01 560-177586/2 IC Client Sample ID:

Date Analyzed: 08/23/20 16:18 Lab File ID: 082320003.D GC Column: VMS160808A ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetone	2.27	Incomplete Integration	theriault r	08/24/20 09:34
Isopropyl ether	3.59	Incomplete Integration	theriault r	08/24/20 09:16
2,2-Dichloropropane	4.27	Incomplete Integration	theriault r	08/24/20 09:16
Chlorobromomethane	4.62	Incomplete Integration	theriault r	08/24/20 09:16
1,1,1-Trichloroethane	4.97	Incomplete Integration	theriault r	08/24/20 09:17
1,2-Dichloroethane	5.46	Incomplete Integration	theriault r	08/24/20 09:17
1,3-Dichloropropane	8.25	Incomplete Integration	theriault r	08/24/20 09:18
Chlorodibromomethane	8.48	Incomplete Integration	theriault r	08/24/20 09:18
Chlorobenzene	9.09	Incomplete Integration	theriault r	08/24/20 09:18
1,2,3-Trichlorobenzene		Invalid Compound ID	theriault r	08/24/20 09:20
1,2,3-Trimethylbenzene		Invalid Compound ID	theriault r	08/24/20 09:20
1,2,4-Trichlorobenzene		Invalid Compound ID	theriault r	08/24/20 09:20
1,2,4-Trimethylbenzene		Invalid Compound ID	theriault r	08/24/20 09:20
1,2-Dibromo-3-Chloropropane		Invalid Compound ID	theriault r	08/24/20 09:20
1,3,5-Trichlorobenzene		Invalid Compound ID	theriault r	08/24/20 09:20
1,3,5-Trimethylbenzene		Invalid Compound ID	theriault r	08/24/20 09:20
1-Chlorohexane		Invalid Compound ID	theriault r	08/24/20 09:18

8260B

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Corpus Job No.: 560-92246-1

SDG No.:

Instrument ID: VGCMS#1 Analysis Batch Number: 177586

Lab Sample ID: STD01 560-177586/2 IC Client Sample ID:

Date Analyzed: 08/23/20 16:18 Lab File ID: 082320003.D GC Column: VMS160808A ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1-Octene		Invalid Compound ID	theriault r	08/24/20 09:18
2-Nitropropane		Invalid Compound ID	theriault r	08/24/20 09:17
Benzyl chloride		Invalid Compound ID	theriault r	08/24/20 09:20
Bromoform		Invalid Compound ID	theriault r	08/24/20 09:19
Bromomethane		Invalid Compound ID	theriault r	08/24/20 09:15
Chloromethane		Invalid Compound ID	theriault r	08/24/20 09:15
Dichlorodifluoromethane		Invalid Compound ID	theriault r	08/24/20 09:15
Ethyl acetate		Invalid Compound ID	theriault r	08/24/20 09:16
Ethyl ether		Invalid Compound ID	theriault r	08/24/20 09:15
Ethylene oxide		Invalid Compound ID	theriault r	08/24/20 09:15
Isobutyl alcohol		Invalid Compound ID	theriault r	08/24/20 09:17
Methyl methacrylate		Invalid Compound ID	theriault r	08/24/20 09:17
Methylene Chloride		Invalid Compound ID	theriault r	08/24/20 09:16
Naphthalene		Invalid Compound ID	theriault r	08/24/20 09:20
n-Butylbenzene		Invalid Compound ID	theriault r	08/24/20 09:20
Pentachloroethane		Invalid Compound ID	theriault r	08/24/20 09:20
Propionitrile		Invalid Compound ID	theriault r	08/24/20 09:16

8260B

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Corpus Job No.: 560-92246-1

SDG No.:

Instrument ID: VGCMS#1 Analysis Batch Number: 177586

Lab Sample ID: STD01 560-177586/2 IC Client Sample ID:

Date Analyzed: 08/23/20 16:18 Lab File ID: 082320003.D GC Column: VMS160808A ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
sec-Butylbenzene		Invalid Compound ID	theriault r	08/24/20 09:20
tert-Butylbenzene		Invalid Compound ID	theriault r	08/24/20 09:20
Tetrahydrofuran		Invalid Compound ID	theriault r	08/24/20 09:17
trans-1,4-Dichloro-2-butene		Invalid Compound ID	theriault r	08/24/20 09:19
Vinyl acetate		Invalid Compound ID	theriault r	08/24/20 09:16
1,4-Dichlorobenzene	11.44	Incomplete Integration	theriault r	08/24/20 09:20

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Corpus Job No.: 560-92246-1

SDG No.:

Instrument ID: VGCMS#1 Analysis Batch Number: 177586

Lab Sample ID: STD02 560-177586/3 IC Client Sample ID:

Date Analyzed: 08/23/20 16:43 Lab File ID: 082320004.D GC Column: VMS160808A ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Ethylene oxide	1.53	Incomplete Integration	theriault r	08/24/20 09:33
Ethyl acetate	4.47	Incomplete Integration	theriault r	08/24/20 09:22
Tetrahydrofuran	4.69	Incomplete Integration	theriault r	08/24/20 09:22
Chlorobenzene	9.09	Incomplete Integration	theriault r	08/24/20 09:23
Benzyl chloride		Invalid Compound ID	theriault r	08/24/20 09:24
Bromoform		Invalid Compound ID	theriault r	08/24/20 09:23
Bromomethane		Invalid Compound ID	theriault r	08/24/20 09:20
Chloroethane		Invalid Compound ID	theriault r	08/24/20 09:20
Chloromethane		Invalid Compound ID	theriault r	08/24/20 09:20
cis-1,4-Dichloro-2-butene		Invalid Compound ID	theriault r	08/24/20 09:23
Dichlorodifluoromethane		Invalid Compound ID	theriault r	08/24/20 09:20
Hexane		Invalid Compound ID	theriault r	08/24/20 09:21
Methylene Chloride		Invalid Compound ID	theriault r	08/24/20 09:21
n-Heptane		Invalid Compound ID	theriault r	08/24/20 09:23
1,4-Dichlorobenzene	11.45	Incomplete Integration	theriault r	08/24/20 09:24

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Corpus Job No.: 560-92246-1

SDG No.:

Instrument ID: VGCMS#1 Analysis Batch Number: 177586

Lab Sample ID: STD05 560-177586/4 IC Client Sample ID:

Date Analyzed: 08/23/20 17:08 Lab File ID: 082320005.D GC Column: VMS160808A ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Dichlorodifluoromethane	1.13	Incomplete Integration	theriault r	08/24/20 09:12
Acetonitrile	2.53	Incomplete Integration	theriault r	08/24/20 09:13
2,2-Dichloropropane	4.27	Incomplete Integration	theriault r	08/24/20 09:13
Ethyl acrylate	6.41	Incomplete Integration	theriault r	08/24/20 09:13
Chlorobenzene	9.09	Peak assignment corrected	theriault r	08/24/20 09:12
1,4-Dichlorobenzene	11.44	Peak assignment corrected	theriault r	08/24/20 09:12

Lab Sample ID: STD10 560-177586/5 IC Client Sample ID:

Date Analyzed: 08/23/20 17:33 Lab File ID: 082320006.D GC Column: VMS160808A ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetonitrile	2.53	Peak assignment corrected	theriault r	08/24/20 09:11
1,4-Dichlorobenzene	11.44	Peak assignment corrected	theriault r	08/24/20 09:12

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Corpus Job No.: 560-92246-1

SDG No.:

Instrument ID: VGCMS#1 Analysis Batch Number: 177586

Lab Sample ID: STD20 560-177586/6 IC Client Sample ID:

Date Analyzed: 08/23/20 17:58 Lab File ID: 082320007.D GC Column: VMS160808A ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetonitrile	2.52	Peak assignment corrected	theriault r	08/24/20 09:10
Ethyl acrylate	6.41	Peak assignment corrected	theriault r	08/24/20 09:10
Methylcyclohexane	6.43	Peak assignment corrected	theriault r	08/24/20 09:10

Lab Sample ID: STD50 560-177586/7 ICIS Client Sample ID:

Date Analyzed: 08/23/20 18:23 Lab File ID: 082320008.D GC Column: VMS160808A ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetonitrile	2.52	Peak assignment corrected	theriault r	08/24/20 09:08
Ethyl acrylate	6.41	Peak assignment corrected	theriault r	08/24/20 09:09
Methylcyclohexane	6.43	Peak assignment corrected	theriault r	08/24/20 09:09
1,4-Dioxane	6.65	Incomplete Integration	theriault r	08/24/20 09:09

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Corpus Job No.: 560-92246-1

SDG No.:

Instrument ID: VGCMS#1 Analysis Batch Number: 177586

Lab Sample ID: STD100 560-177586/8 IC Client Sample ID:

Date Analyzed: 08/23/20 18:48 Lab File ID: 082320009.D GC Column: VMS160808A ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Ethylene oxide	1.52	Incomplete Integration	theriault r	08/24/20 09:32
Acetonitrile	2.51	Peak assignment corrected	theriault r	08/24/20 09:25
Methylcyclohexane	6.43	Peak assignment corrected	theriault r	08/24/20 09:25
1,4-Dioxane	6.65	Incomplete Integration	theriault r	08/24/20 09:25

Lab Sample ID: STD150 560-177586/9 IC Client Sample ID:

Date Analyzed: 08/23/20 19:13 Lab File ID: 082320010.D GC Column: VMS160808A ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Ethylene oxide	1.52	Incomplete Integration	theriault r	08/24/20 09:31
Acetonitrile	2.51	Peak assignment corrected	theriault r	08/24/20 09:26
Methylcyclohexane	6.43	Peak assignment corrected	theriault r	08/24/20 09:26
1,4-Dioxane	6.65	Incomplete Integration	theriault r	08/24/20 09:27

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Corpus Job No.: 560-92246-1

SDG No.:

Instrument ID: VGCMS#1 Analysis Batch Number: 177586

Lab Sample ID: STD200 560-177586/10 IC Client Sample ID:

Date Analyzed: 08/23/20 19:38 Lab File ID: 082320011.D GC Column: VMS160808A ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Ethylene oxide	1.52	Incomplete Integration	theriault r	08/24/20 09:31
Acetonitrile	2.52	Peak assignment corrected	theriault r	08/24/20 09:28
Tetrahydrofuran	4.68	Split Peak	theriault r	08/24/20 09:29
Methylcyclohexane	6.43	Split Peak	theriault r	08/24/20 09:29

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Corpus Job No.: 560-92246-1

SDG No.:

Instrument ID: VGCMS#1 Analysis Batch Number: 182388

Lab Sample ID: CCVIS 560-182388/2 Client Sample ID:

Date Analyzed: 01/28/21 10:28 Lab File ID: 012821002.D GC Column: VMS160808A ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetonitrile	2.51	Peak assignment corrected	deleonr	01/28/21 10:50
Methylcyclohexane	6.43	Peak assignment corrected	deleonr	01/28/21 10:50

Lab Sample ID: 560-92246-5 Client Sample ID: Artesia-MW36-012621

Date Analyzed: 01/28/21 14:38 Lab File ID: 012821012.D GC Column: VMS160808A ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1-Dichloroethene	2.22	Peak assignment corrected	deleonr	01/28/21 15:07

Lab Sample ID: 560-92246-8 Client Sample ID: Artesia-MD37-012621

Date Analyzed: 01/28/21 16:18 Lab File ID: 012821016.D GC Column: VMS160808A ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Naphthalene	13.59	Peak assignment corrected	suporna	01/29/21 07:58

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Corpus Christ Job No.: 560-92246-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
IC2001028ICV_00002	09/01/21	10/30/20	DI H20, Lot NA	500 mL	Sulfate SO4_00001	10 mL	Sulfate	20 ppm
.Sulfate SO4_00001	08/01/22	Sigma-Alchrich, Lot BCCC1096			(Purchased Reagent)		Sulfate	1000 ppm
IC200921MS_00003	03/31/21	11/04/20	DI H20, Lot NA	10 mL	W200413SO4_00001	0.2 mL	Sulfate	20 mg/L
.W200413SO4_00001	07/31/21	Ricca, Lot 2001932			(Purchased Reagent)		Sulfate	1000 ppm
IC210113CCV_00002	03/31/21	01/13/21	DI H20, Lot NA	500 mL	W200413SO4_00001	25 mL	Sulfate	50 mg/L
.W200413SO4_00001	07/31/21	Ricca, Lot 2001932			(Purchased Reagent)		Sulfate	1000 ppm
V190906_ISSS_00001	11/30/23	Restek, Lot A0143593			(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	250 ug/mL
							1,4-Dichlorobenzene-d4	250 ug/mL
							4-Bromofluorobenzene (Surr)	250 ug/mL
							Chlorobenzene-d5	250 ug/mL
							Dibromofluoromethane (Surr)	250 ug/mL
							Fluorobenzene (IS)	250 ug/mL
							Toluene-d8 (Surr)	250 ug/mL
V200521_BFB_00001							1,2-Dichloroethene, Total	
							1,3-Dichloropropene, Total	
							Tentatively Identified Compound	
							Total BTEX	
							Trihalomethanes, Total	
							Xylenes, Total	
					V170831BFBMed_00002	100 uL	1,2-Dichloroethane-d4 (Surr)	25 ug/mL
							1,4-Dichlorobenzene-d4	25 ug/mL
							BFB	25 ug/mL
							Chlorobenzene-d5	25 ug/mL
							Dibromofluoromethane (Surr)	25 ug/mL
							Fluorobenzene (IS)	25 ug/mL
							Toluene-d8 (Surr)	25 ug/mL
.V170831BFBMed_00002	04/30/22	Restek, Lot A0126559			(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	250 ug/mL
							1,4-Dichlorobenzene-d4	250 ug/mL
							BFB	250 ug/mL
							Chlorobenzene-d5	250 ug/mL
							Dibromofluoromethane (Surr)	250 ug/mL
							Fluorobenzene (IS)	250 ug/mL
							Toluene-d8 (Surr)	250 ug/mL
V200822CCV_10_00001	12/31/20	08/23/20	Methanol, Lot V180517MeOH	500 uL	V200822CCV100_00001	50 uL	Cyclohexanone	50 ug/mL
							2-Chloroethyl vinyl ether	10 ug/mL
							Pentachloroethane	10 ug/mL
							1-Octene	10 ug/mL
							cis-1,4-Dichloro-2-butene	10 ug/mL
							Acetonitrile	100 ug/mL
							Isopropyl ether	10 ug/mL
							Propionitrile	100 ug/mL
							Tert-amyl methyl ether	10 ug/mL
							Tert-butyl ethyl ether	10 ug/mL
							Bromomethane	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Corpus Christ Job No.: 560-92246-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Butadiene	10 ug/mL
							Chloroethane	10 ug/mL
							Chloromethane	10 ug/mL
							Dichlorodifluoromethane	10 ug/mL
							Dichlorofluoromethane	10 ug/mL
							Trichlorofluoromethane	10 ug/mL
							Vinyl chloride	10 ug/mL
							2-Butanone (MEK)	50 ug/mL
							2-Hexanone	50 ug/mL
							4-Methyl-2-pentanone (MIBK)	50 ug/mL
							Acetone	50 ug/mL
							1,1,1,2-Tetrachloroethane	10 ug/mL
							1,1,1-Trichloroethane	10 ug/mL
							1,1,2,2-Tetrachloroethane	10 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	10 ug/mL
							1,1,2-Trichloroethane	10 ug/mL
							1,1-Dichloroethane	10 ug/mL
							1,1-Dichloroethene	10 ug/mL
							1,1-Dichloropropene	10 ug/mL
							1,2,3-Trichlorobenzene	10 ug/mL
							1,2,3-Trichloropropane	10 ug/mL
							1,2,4-Trichlorobenzene	10 ug/mL
							1,2,4-Trimethylbenzene	10 ug/mL
							1,2-Dibromo-3-Chloropropane	10 ug/mL
							1,2-Dichlorobenzene	10 ug/mL
							1,2-Dichloroethane	10 ug/mL
							1,2-Dichloropropane	10 ug/mL
							1,3,5-Trimethylbenzene	10 ug/mL
							1,3-Dichlorobenzene	10 ug/mL
							1,3-Dichloropropane	10 ug/mL
							1,4-Dichlorobenzene	10 ug/mL
							1,4-Dioxane	200 ug/mL
							2,2-Dichloropropane	10 ug/mL
							2-Chlorotoluene	10 ug/mL
							2-Methyl-2-propanol	100 ug/mL
							3-Chloro-1-propene	10 ug/mL
							4-Chlorotoluene	10 ug/mL
							4-Isopropyltoluene	10 ug/mL
							Acrylonitrile	100 ug/mL
							Benzene	10 ug/mL
							Bromobenzene	10 ug/mL
							Bromoform	10 ug/mL
							Carbon disulfide	10 ug/mL
							Carbon tetrachloride	10 ug/mL
							Chlorobenzene	10 ug/mL
							Chlorobromomethane	10 ug/mL
							Chlorodibromomethane	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Corpus Christ Job No.: 560-92246-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloroform	10 ug/mL
							cis-1,2-Dichloroethene	10 ug/mL
							cis-1,3-Dichloropropene	10 ug/mL
							Cyclohexane	10 ug/mL
							Dibromomethane	10 ug/mL
							Dichlorobromomethane	10 ug/mL
							Ethyl ether	10 ug/mL
							Ethyl methacrylate	10 ug/mL
							Ethylbenzene	10 ug/mL
							Ethylene Dibromide	10 ug/mL
							Hexachlorobutadiene	10 ug/mL
							Hexane	10 ug/mL
							Iodomethane	10 ug/mL
							Isobutyl alcohol	250 ug/mL
							Isopropylbenzene	10 ug/mL
							m-Xylene & p-Xylene	10 ug/mL
							Methyl acetate	20 ug/mL
							Methyl tert-butyl ether	10 ug/mL
							Methylcyclohexane	10 ug/mL
							Methylene Chloride	10 ug/mL
							n-Butylbenzene	10 ug/mL
							n-Heptane	10 ug/mL
							N-Propylbenzene	10 ug/mL
							Naphthalene	10 ug/mL
							o-Xylene	10 ug/mL
							sec-Butylbenzene	10 ug/mL
							Styrene	10 ug/mL
							tert-Butylbenzene	10 ug/mL
							Tetrachloroethene	10 ug/mL
							Tetrahydrofuran	20 ug/mL
							Toluene	10 ug/mL
							trans-1,2-Dichloroethene	10 ug/mL
							trans-1,3-Dichloropropene	10 ug/mL
							trans-1,4-Dichloro-2-butene	10 ug/mL
							Trichloroethene	10 ug/mL
							Acrolein	98.75 ug/mL
							Ethylene oxide	100 ug/mL
							Vinyl acetate	20 ug/mL
							1,2,3-Trimethylbenzene	10 ug/mL
							1,3,5-Trichlorobenzene	10 ug/mL
							1-Chlorohexane	10 ug/mL
							2-Chloro-1,3-butadiene	10 ug/mL
							2-Nitropropane	20 ug/mL
							Benzyl chloride	10 ug/mL
							Isooctane	10 ug/mL
							Methacrylonitrile	100 ug/mL
							Ethyl acetate	20 ug/mL
							Ethyl acrylate	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Corpus Christ Job No.: 560-92246-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl methacrylate	20 ug/mL
							n-Butyl acetate	10 ug/mL
.V200822CCV100_00001	12/31/20	08/22/20	Methanol, Lot V191113MeOH	1000 uL	V1805C_Cyclo_00001	20 uL	Cyclohexanone	500 ug/mL
					V190424C_Ceve_00001	40 uL	2-Chloroethyl vinyl ether	100 ug/mL
					V1904C_PentaN_00001	40 uL	Pentachloroethane	100 ug/mL
					V190506C_MIX2_00001	40 uL	1-Octene	100 ug/mL
							cis-1,4-Dichloro-2-butene	100 ug/mL
					V1907C_Polar_00001	40 uL	Acetonitrile	1000 ug/mL
							Isopropyl ether	100 ug/mL
							Propionitrile	1000 ug/mL
							Tert-amyl methyl ether	100 ug/mL
							Tert-butyl ethyl ether	100 ug/mL
					V190911C_Gas_00001	40 uL	Bromomethane	100 ug/mL
							Butadiene	100 ug/mL
							Chloroethane	100 ug/mL
							Chloromethane	100 ug/mL
							Dichlorodifluoromethane	100 ug/mL
							Dichlorofluoromethane	100 ug/mL
							Trichlorofluoromethane	100 ug/mL
							Vinyl chloride	100 ug/mL
					V1911C_Ketone_00001	40 uL	2-Butanone (MEK)	500 ug/mL
							2-Hexanone	500 ug/mL
							4-Methyl-2-pentanone (MIBK)	500 ug/mL
							Acetone	500 ug/mL
					V191216C_Mega_00001	40 uL	1,1,1,2-Tetrachloroethane	100 ug/mL
							1,1,1-Trichloroethane	100 ug/mL
							1,1,2,2-Tetrachloroethane	100 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	100 ug/mL
							1,1,2-Trichloroethane	100 ug/mL
							1,1-Dichloroethane	100 ug/mL
							1,1-Dichloroethene	100 ug/mL
							1,1-Dichloropropene	100 ug/mL
							1,2,3-Trichlorobenzene	100 ug/mL
							1,2,3-Trichloropropane	100 ug/mL
							1,2,4-Trichlorobenzene	100 ug/mL
							1,2,4-Trimethylbenzene	100 ug/mL
							1,2-Dibromo-3-Chloropropane	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,2-Dichloroethane	100 ug/mL
							1,2-Dichloropropane	100 ug/mL
							1,3,5-Trimethylbenzene	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							1,3-Dichloropropane	100 ug/mL
							1,4-Dichlorobenzene	100 ug/mL
							1,4-Dioxane	2000 ug/mL
							2,2-Dichloropropane	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Corpus Christ Job No.: 560-92246-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Chlorotoluene	100 ug/mL
							2-Methyl-2-propanol	1000 ug/mL
							3-Chloro-1-propene	100 ug/mL
							4-Chlorotoluene	100 ug/mL
							4-Isopropyltoluene	100 ug/mL
							Acrylonitrile	1000 ug/mL
							Benzene	100 ug/mL
							Bromobenzene	100 ug/mL
							Bromoform	100 ug/mL
							Carbon disulfide	100 ug/mL
							Carbon tetrachloride	100 ug/mL
							Chlorobenzene	100 ug/mL
							Chlorobromomethane	100 ug/mL
							Chlorodibromomethane	100 ug/mL
							Chloroform	100 ug/mL
							cis-1,2-Dichloroethene	100 ug/mL
							cis-1,3-Dichloropropene	100 ug/mL
							Cyclohexane	100 ug/mL
							Dibromomethane	100 ug/mL
							Dichlorobromomethane	100 ug/mL
							Ethyl ether	100 ug/mL
							Ethyl methacrylate	100 ug/mL
							Ethylbenzene	100 ug/mL
							Ethylene Dibromide	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexane	100 ug/mL
							Iodomethane	100 ug/mL
							Isobutyl alcohol	2500 ug/mL
							Isopropylbenzene	100 ug/mL
							m-Xylene & p-Xylene	100 ug/mL
							Methyl acetate	200 ug/mL
							Methyl tert-butyl ether	100 ug/mL
							Methylcyclohexane	100 ug/mL
							Methylene Chloride	100 ug/mL
							n-Butylbenzene	100 ug/mL
							n-Heptane	100 ug/mL
							N-Propylbenzene	100 ug/mL
							Naphthalene	100 ug/mL
							o-Xylene	100 ug/mL
							sec-Butylbenzene	100 ug/mL
							Styrene	100 ug/mL
							tert-Butylbenzene	100 ug/mL
							Tetrachloroethene	100 ug/mL
							Tetrahydrofuran	200 ug/mL
							Toluene	100 ug/mL
							trans-1,2-Dichloroethene	100 ug/mL
							trans-1,3-Dichloropropene	100 ug/mL
							trans-1,4-Dichloro-2-butene	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Corpus Christ Job No.: 560-92246-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Trichloroethene	100 ug/mL
					V200226C_Acro_00001	50 uL	Acrolein	987.5 ug/mL
					V200407C_EO_00001	40 uL	Ethylene oxide	1000 ug/mL
					V2004C_VinAce_00001	40 uL	Vinyl acetate	200 ug/mL
					V200603C_Std6_00001	40 uL	1,2,3-Trimethylbenzene	100 ug/mL
							1,3,5-Trichlorobenzene	100 ug/mL
							1-Chlorohexane	100 ug/mL
							2-Chloro-1,3-butadiene	100 ug/mL
							2-Nitropropane	200 ug/mL
							Benzyl chloride	100 ug/mL
							Isooctane	100 ug/mL
							Methacrylonitrile	1000 ug/mL
					V200713C_Std7_00001	40 uL	Ethyl acetate	200 ug/mL
							Ethyl acrylate	100 ug/mL
							Methyl methacrylate	200 ug/mL
							n-Butyl acetate	100 ug/mL
..V1805C_Cyclo_00001	12/31/20		Restek, Lot A0133136		(Purchased Reagent)		Cyclohexanone	25000 ug/mL
..V190424C_Ceve_00001	10/31/21		Restek, Lot A0142584		(Purchased Reagent)		2-Chloroethyl vinyl ether	2500 ug/mL
..V1904C_PentaN_00001	08/31/23		Restek, Lot A0140938		(Purchased Reagent)		Pentachloroethane	2500 ug/mL
..V190506C_MIX2_00001	04/25/21		o2si, Lot 375363		(Purchased Reagent)		1-Octene	2500 ug/mL
							cis-1,4-Dichloro-2-butene	2500 ug/mL
..V1907C_Polar_00001	01/31/21		Restek, Lot A0139911		(Purchased Reagent)		Acetonitrile	25000 ug/mL
							Isopropyl ether	2500 ug/mL
							Propionitrile	25000 ug/mL
							Tert-amyl methyl ether	2500 ug/mL
							Tert-butyl ethyl ether	2500 ug/mL
..V190911C_Gas_00001	03/31/21		Restek, Lot A0146651		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Butadiene	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Dichlorofluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
..V1911C_Ketone_00001	12/31/21		Restek, Lot A0143988		(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
..V191216C_Mega_00001	06/30/21		Restek, Lot A0143774		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2500 ug/mL
							1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,1-Dichloropropene	2500 ug/mL
							1,2,3-Trichlorobenzene	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Corpus Christ Job No.: 560-92246-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,3-Trichloropropane	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							1,3,5-Trimethylbenzene	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,3-Dichloropropane	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							1,4-Dioxane	50000 ug/mL
							2,2-Dichloropropane	2500 ug/mL
							2-Chlorotoluene	2500 ug/mL
							2-Methyl-2-propanol	25000 ug/mL
							3-Chloro-1-propene	2500 ug/mL
							4-Chlorotoluene	2500 ug/mL
							4-Isopropyltoluene	2500 ug/mL
							Acrylonitrile	25000 ug/mL
							Benzene	2500 ug/mL
							Bromobenzene	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chlorobromomethane	2500 ug/mL
							Chlorodibromomethane	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dibromomethane	2500 ug/mL
							Dichlorobromomethane	2500 ug/mL
							Ethyl ether	2500 ug/mL
							Ethyl methacrylate	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Ethylene Dibromide	2500 ug/mL
							Hexachlorobutadiene	2500 ug/mL
							Hexane	2500 ug/mL
							Iodomethane	2500 ug/mL
							Isobutyl alcohol	62500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							n-Butylbenzene	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Corpus Christ Job No.: 560-92246-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Heptane	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							Naphthalene	2500 ug/mL
							o-Xylene	2500 ug/mL
							sec-Butylbenzene	2500 ug/mL
							Styrene	2500 ug/mL
							tert-Butylbenzene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Tetrahydrofuran	5000 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							trans-1,4-Dichloro-2-butene	2500 ug/mL
							Trichloroethene	2500 ug/mL
..V200226C_Acro_00001	04/30/21		Restek, Lot A0154578		(Purchased Reagent)		Acrolein	19750 ug/mL
..V200407C_EO_00001	10/02/21		o2si, Lot 406610		(Purchased Reagent)		Ethylene oxide	25000 ug/mL
..V2004C_VinAce_00001	07/31/21		Restek, Lot A0156559		(Purchased Reagent)		Vinyl acetate	5000 ug/mL
..V200603C_Std6_00001	05/31/21		Restek, Lot A0154734		(Purchased Reagent)		1,2,3-Trimethylbenzene	2500 ug/mL
							1,3,5-Trichlorobenzene	2500 ug/mL
							1-Chlorohexane	2500 ug/mL
							2-Chloro-1,3-butadiene	2500 ug/mL
							2-Nitropropane	5000 ug/mL
							Benzyl chloride	2500 ug/mL
							Isooctane	2500 ug/mL
							Methacrylonitrile	25000 ug/mL
..V200713C_Std7_00001	06/30/21		Restek, Lot A0156071		(Purchased Reagent)		Ethyl acetate	5000 ug/mL
							Ethyl acrylate	2500 ug/mL
							Methyl methacrylate	5000 ug/mL
							n-Butyl acetate	2500 ug/mL
V200822CCV100_00001	12/31/20	08/22/20	Methanol, Lot V191113MeOH	1000 uL	V1805C_Cyclo_00001	20 uL	Cyclohexanone	500 ug/mL
					V190424C_Ceve_00001	40 uL	2-Chloroethyl vinyl ether	100 ug/mL
					V1904C_PentaN_00001	40 uL	Pentachloroethane	100 ug/mL
					V190506C_MIX2_00001	40 uL	1-Octene	100 ug/mL
							cis-1,4-Dichloro-2-butene	100 ug/mL
					V1907C_Polar_00001	40 uL	Acetonitrile	1000 ug/mL
							Isopropyl ether	100 ug/mL
							Propionitrile	1000 ug/mL
							Tert-amyl methyl ether	100 ug/mL
							Tert-butyl ethyl ether	100 ug/mL
					V190911C_Gas_00001	40 uL	Bromomethane	100 ug/mL
							Butadiene	100 ug/mL
							Chloroethane	100 ug/mL
							Chloromethane	100 ug/mL
							Dichlorodifluoromethane	100 ug/mL
							Dichlorofluoromethane	100 ug/mL
							Trichlorofluoromethane	100 ug/mL
							Vinyl chloride	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Corpus Christ Job No.: 560-92246-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					V1911C_Ketone_00001	40 uL	2-Butanone (MEK)	500 ug/mL
							2-Hexanone	500 ug/mL
							4-Methyl-2-pentanone (MIBK)	500 ug/mL
							Acetone	500 ug/mL
					V191216C_Mega_00001	40 uL	1,1,1,2-Tetrachloroethane	100 ug/mL
							1,1,1-Trichloroethane	100 ug/mL
							1,1,2,2-Tetrachloroethane	100 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	100 ug/mL
							1,1,2-Trichloroethane	100 ug/mL
							1,1-Dichloroethane	100 ug/mL
							1,1-Dichloroethene	100 ug/mL
							1,1-Dichloropropene	100 ug/mL
							1,2,3-Trichlorobenzene	100 ug/mL
							1,2,3-Trichloropropane	100 ug/mL
							1,2,4-Trichlorobenzene	100 ug/mL
							1,2,4-Trimethylbenzene	100 ug/mL
							1,2-Dibromo-3-Chloropropane	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,2-Dichloroethane	100 ug/mL
							1,2-Dichloropropane	100 ug/mL
							1,3,5-Trimethylbenzene	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							1,3-Dichloropropane	100 ug/mL
							1,4-Dichlorobenzene	100 ug/mL
							1,4-Dioxane	2000 ug/mL
							2,2-Dichloropropane	100 ug/mL
							2-Chlorotoluene	100 ug/mL
							2-Methyl-2-propanol	1000 ug/mL
							3-Chloro-1-propene	100 ug/mL
							4-Chlorotoluene	100 ug/mL
							4-Isopropyltoluene	100 ug/mL
							Acrylonitrile	1000 ug/mL
							Benzene	100 ug/mL
							Bromobenzene	100 ug/mL
							Bromoform	100 ug/mL
							Carbon disulfide	100 ug/mL
							Carbon tetrachloride	100 ug/mL
							Chlorobenzene	100 ug/mL
							Chlorobromomethane	100 ug/mL
							Chlorodibromomethane	100 ug/mL
							Chloroform	100 ug/mL
							cis-1,2-Dichloroethene	100 ug/mL
							cis-1,3-Dichloropropene	100 ug/mL
							Cyclohexane	100 ug/mL
							Dibromomethane	100 ug/mL
							Dichlorobromomethane	100 ug/mL
							Ethyl ether	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Corpus Christ Job No.: 560-92246-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Ethyl methacrylate	100 ug/mL
							Ethylbenzene	100 ug/mL
							Ethylene Dibromide	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexane	100 ug/mL
							Iodomethane	100 ug/mL
							Isobutyl alcohol	2500 ug/mL
							Isopropylbenzene	100 ug/mL
							m-Xylene & p-Xylene	100 ug/mL
							Methyl acetate	200 ug/mL
							Methyl tert-butyl ether	100 ug/mL
							Methylcyclohexane	100 ug/mL
							Methylene Chloride	100 ug/mL
							n-Butylbenzene	100 ug/mL
							n-Heptane	100 ug/mL
							N-Propylbenzene	100 ug/mL
							Naphthalene	100 ug/mL
							o-Xylene	100 ug/mL
							sec-Butylbenzene	100 ug/mL
							Styrene	100 ug/mL
							tert-Butylbenzene	100 ug/mL
							Tetrachloroethene	100 ug/mL
							Tetrahydrofuran	200 ug/mL
							Toluene	100 ug/mL
							trans-1,2-Dichloroethene	100 ug/mL
							trans-1,3-Dichloropropene	100 ug/mL
							trans-1,4-Dichloro-2-butene	100 ug/mL
							Trichloroethene	100 ug/mL
					V200226C_Acro_00001	50 uL	Acrolein	987.5 ug/mL
					V200407C_EO_00001	40 uL	Ethylene oxide	1000 ug/mL
					V2004C_VinAce_00001	40 uL	Vinyl acetate	200 ug/mL
					V200603C_Std6_00001	40 uL	1,2,3-Trimethylbenzene	100 ug/mL
							1,3,5-Trichlorobenzene	100 ug/mL
							1-Chlorohexane	100 ug/mL
							2-Chloro-1,3-butadiene	100 ug/mL
							2-Nitropropane	200 ug/mL
							Benzyl chloride	100 ug/mL
							Isooctane	100 ug/mL
							Methacrylonitrile	1000 ug/mL
					V200713C_Std7_00001	40 uL	Ethyl acetate	200 ug/mL
							Ethyl acrylate	100 ug/mL
							Methyl methacrylate	200 ug/mL
							n-Butyl acetate	100 ug/mL
.V1805C_Cyclo_00001	12/31/20		Restek, Lot A0133136		(Purchased Reagent)		Cyclohexanone	25000 ug/mL
.V190424C_Ceve_00001	10/31/21		Restek, Lot A0142584		(Purchased Reagent)		2-Chloroethyl vinyl ether	2500 ug/mL
.V1904C_PentaN_00001	08/31/23		Restek, Lot A0140938		(Purchased Reagent)		Pentachloroethane	2500 ug/mL
.V190506C_MIX2_00001	04/25/21		o2si, Lot 375363		(Purchased Reagent)		1-Octene	2500 ug/mL
							cis-1,4-Dichloro-2-butene	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Corpus Christ Job No.: 560-92246-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.V1907C_Polar_00001	01/31/21		Restek, Lot A0139911		(Purchased Reagent)		Acetonitrile	25000 ug/mL
							Isopropyl ether	2500 ug/mL
							Propionitrile	25000 ug/mL
							Tert-amyl methyl ether	2500 ug/mL
							Tert-butyl ethyl ether	2500 ug/mL
.V190911C_Gas_00001	03/31/21		Restek, Lot A0146651		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Butadiene	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Dichlorofluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
.V1911C_Ketone_00001	12/31/21		Restek, Lot A0143988		(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
.V191216C_Mega_00001	06/30/21		Restek, Lot A0143774		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2500 ug/mL
							1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,1-Dichloropropene	2500 ug/mL
							1,2,3-Trichlorobenzene	2500 ug/mL
							1,2,3-Trichloropropane	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							1,3,5-Trimethylbenzene	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,3-Dichloropropane	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							1,4-Dioxane	50000 ug/mL
							2,2-Dichloropropane	2500 ug/mL
							2-Chlorotoluene	2500 ug/mL
							2-Methyl-2-propanol	25000 ug/mL
							3-Chloro-1-propene	2500 ug/mL
							4-Chlorotoluene	2500 ug/mL
							4-Isopropyltoluene	2500 ug/mL
							Acrylonitrile	25000 ug/mL
							Benzene	2500 ug/mL
							Bromobenzene	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Corpus Christ Job No.: 560-92246-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chlorobromomethane	2500 ug/mL
							Chlorodibromomethane	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dibromomethane	2500 ug/mL
							Dichlorobromomethane	2500 ug/mL
							Ethyl ether	2500 ug/mL
							Ethyl methacrylate	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Ethylene Dibromide	2500 ug/mL
							Hexachlorobutadiene	2500 ug/mL
							Hexane	2500 ug/mL
							Iodomethane	2500 ug/mL
							Isobutyl alcohol	62500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							n-Butylbenzene	2500 ug/mL
							n-Heptane	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							Naphthalene	2500 ug/mL
							o-Xylene	2500 ug/mL
							sec-Butylbenzene	2500 ug/mL
							Styrene	2500 ug/mL
							tert-Butylbenzene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Tetrahydrofuran	5000 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							trans-1,4-Dichloro-2-butene	2500 ug/mL
							Trichloroethene	2500 ug/mL
.V200226C_Acro_00001	04/30/21		Restek, Lot A0154578		(Purchased Reagent)		Acrolein	19750 ug/mL
.V200407C_EO_00001	10/02/21		o2si, Lot 406610		(Purchased Reagent)		Ethylene oxide	25000 ug/mL
.V2004C_VinAce_00001	07/31/21		Restek, Lot A0156559		(Purchased Reagent)		Vinyl acetate	5000 ug/mL
.V200603C_Std6_00001	05/31/21		Restek, Lot A0154734		(Purchased Reagent)		1,2,3-Trimethylbenzene	2500 ug/mL
							1,3,5-Trichlorobenzene	2500 ug/mL
							1-Chlorohexane	2500 ug/mL
							2-Chloro-1,3-butadiene	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Corpus Christ Job No.: 560-92246-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Nitropropane	5000 ug/mL
							Benzyl chloride	2500 ug/mL
							Isooctane	2500 ug/mL
							Methacrylonitrile	25000 ug/mL
.V200713C_Std7_00001	06/30/21		Restek, Lot A0156071		(Purchased Reagent)		Ethyl acetate	5000 ug/mL
							Ethyl acrylate	2500 ug/mL
							Methyl methacrylate	5000 ug/mL
							n-Butyl acetate	2500 ug/mL
V201229CCV100_00001	03/31/21	12/29/20	Methanol, Lot V191113MeOH	1000 uL	V191216C_Mega_00001	40 uL	1,1-Dichloroethane	100 ug/mL
							1,1-Dichloroethene	100 ug/mL
							Benzene	100 ug/mL
							Naphthalene	100 ug/mL
							Tetrachloroethene	100 ug/mL
.V191216C_Mega_00001	06/30/21		Restek, Lot A0143774		(Purchased Reagent)		1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							Benzene	2500 ug/mL
							Naphthalene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
V210104ICV100_00001	03/31/21	01/04/21	Methanol, Lot V191113MeOH	1000 uL	V191216I_Mega_00001	40 uL	1,1-Dichloroethane	100 ug/mL
							1,1-Dichloroethene	100 ug/mL
							Benzene	100 ug/mL
							Naphthalene	100 ug/mL
							Tetrachloroethene	100 ug/mL
.V191216I_Mega_00001	06/30/21		Restek, Lot A0144202		(Purchased Reagent)		1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							Benzene	2500 ug/mL
							Naphthalene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL

Method 8260B

Volatile Organic Compounds (GC/MS) by Method 8260B

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FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Corpus Chr Job No.: 560-92246-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): VMS160808A ID: 0.18(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
Artesia-MW11-012621	560-92246-1	113	103	107	88
Artesia-MW17C-012621	560-92246-2	111	105	112	91
Artesia-MW12-012621	560-92246-3	102	98	108	90
Artesia-TB-012621	560-92246-4	104	101	111	89
Artesia-MW36-012621	560-92246-5	100	100	105	93
Artesia-MW37-012621	560-92246-6	99	95	106	97
Artesia-MW38-012621	560-92246-7	98	96	111	92
Artesia-MD37-012621	560-92246-8	105	101	107	91
	MB 560-182388/8	101	99	111	92
	LCS 560-182388/3	105	98	115	98
Artesia-MW11-012621 MS	560-92246-1 MS	103	94	109	97
Artesia-MW11-012621 MSD	560-92246-1 MSD	102	91	102	100

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	69-130
DCA = 1,2-Dichloroethane-d4 (Surr)	70-140
TOL = Toluene-d8 (Surr)	70-130
BFB = 4-Bromofluorobenzene (Surr)	70-130

Column to be used to flag recovery values

FORM II 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Corpus Chr Job No.: 560-92246-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 012821003.D

Lab ID: LCS 560-182388/3 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethene	0.0250	0.02543	102	70-139	
Benzene	0.0250	0.02650	106	70-130	
1,1-Dichloroethane	0.0250	0.02531	101	70-130	
Tetrachloroethene	0.0250	0.03056	122	70-135	
Naphthalene	0.0250	0.02466	99	70-159	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins TestAmerica, Corpus Chr Job No.: 560-92246-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 012821004.D

Lab ID: 560-92246-1 MS Client ID: Artesia-MW11-012621 MS

COMPOUND	SPIKE ADDED (mg/L)	SAMPLE CONCENTRATION (mg/L)	MS CONCENTRATION (mg/L)	MS % REC	QC LIMITS REC	#
1,1-Dichloroethene	0.0250	0.000300 U	0.02169	87	67-143	
Benzene	0.0250	0.000330 U	0.02312	92	70-130	
1,1-Dichloroethane	0.0250	0.00368	0.02611	90	70-130	
Tetrachloroethene	0.0250	0.000189 U	0.02543	102	69-130	
Naphthalene	0.0250	0.000200 U	0.02258	90	62-145	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Corpus Chr Job No.: 560-92246-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 012821005.D

Lab ID: 560-92246-1 MSD Client ID: Artesia-MW11-012621 MSD

COMPOUND	SPIKE ADDED (mg/L)	MSD CONCENTRATION (mg/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1-Dichloroethene	0.0250	0.02141	86	1	20	67-143	
Benzene	0.0250	0.02331	93	1	20	70-130	
1,1-Dichloroethane	0.0250	0.02476	84	5	20	70-130	
Tetrachloroethene	0.0250	0.02477	99	3	20	69-130	
Naphthalene	0.0250	0.02297	92	2	20	62-145	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Corpus Chr Job No.: 560-92246-1

SDG No.:

Lab File ID: 012821008.D Lab Sample ID: MB 560-182388/8

Matrix: Water Heated Purge:(Y/N) Y

Instrument ID: VGCMS#1 Date Analyzed: 01/28/2021 12:58

GC Column: VMS160808A ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 560-182388/3	012821003.D	01/28/2021 10:53
Artesia-MW11-012621 MS	560-92246-1 MS	012821004.D	01/28/2021 11:18
Artesia-MW11-012621 MSD	560-92246-1 MSD	012821005.D	01/28/2021 11:42
Artesia-TB-012621	560-92246-4	012821009.D	01/28/2021 13:23
Artesia-MW11-012621	560-92246-1	012821010.D	01/28/2021 13:48
Artesia-MW12-012621	560-92246-3	012821011.D	01/28/2021 14:13
Artesia-MW36-012621	560-92246-5	012821012.D	01/28/2021 14:38
Artesia-MW37-012621	560-92246-6	012821013.D	01/28/2021 15:03
Artesia-MW38-012621	560-92246-7	012821014.D	01/28/2021 15:28
Artesia-MW17C-012621	560-92246-2	012821015.D	01/28/2021 15:53
Artesia-MD37-012621	560-92246-8	012821016.D	01/28/2021 16:18

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins TestAmerica, Corpus Chri Job No.: 560-92246-1

SDG No.:

Lab File ID: 082320001.D BFB Injection Date: 08/23/2020

Instrument ID: VGCMS#1 BFB Injection Time: 15:26

Analysis Batch No.: 177586

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	20.6	
75	30.0 - 60.0 % of mass 95	53.0	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.7	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	75.8	
175	5.0 - 9.0 % of mass 174	5.4	(7.2) 1
176	95.0 - 101.0 % of mass 174	72.7	(95.9) 1
177	5.0 - 9.0 % of mass 176	5.4	(7.4) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD01 560-177586/2	082320003.D	08/23/2020	16:18
	STD02 560-177586/3	082320004.D	08/23/2020	16:43
	STD05 560-177586/4	082320005.D	08/23/2020	17:08
	STD10 560-177586/5	082320006.D	08/23/2020	17:33
	STD20 560-177586/6	082320007.D	08/23/2020	17:58
	STD50 560-177586/7	082320008.D	08/23/2020	18:23
	STD100 560-177586/8	082320009.D	08/23/2020	18:48
	STD150 560-177586/9	082320010.D	08/23/2020	19:13
	STD200 560-177586/10	082320011.D	08/23/2020	19:38

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FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins TestAmerica, Corpus Chri Job No.: 560-92246-1

SDG No.:

Lab File ID: 012821001.D BFB Injection Date: 01/28/2021

Instrument ID: VGCMS#1 BFB Injection Time: 10:01

Analysis Batch No.: 182388

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.8	
75	30.0 - 60.0 % of mass 95	45.1	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.8	
173	Less than 2.0 % of mass 174	0.5	(0.5) 1
174	Greater than 50% of mass 95	84.8	
175	5.0 - 9.0 % of mass 174	6.1	(7.2) 1
176	95.0 - 101.0 % of mass 174	83.8	(98.8) 1
177	5.0 - 9.0 % of mass 176	4.9	(5.9) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 560-182388/2	012821002.D	01/28/2021	10:28
	LCS 560-182388/3	012821003.D	01/28/2021	10:53
Artesia-MW11-012621 MS	560-92246-1 MS	012821004.D	01/28/2021	11:18
Artesia-MW11-012621 MSD	560-92246-1 MSD	012821005.D	01/28/2021	11:42
	MB 560-182388/8	012821008.D	01/28/2021	12:58
Artesia-TB-012621	560-92246-4	012821009.D	01/28/2021	13:23
Artesia-MW11-012621	560-92246-1	012821010.D	01/28/2021	13:48
Artesia-MW12-012621	560-92246-3	012821011.D	01/28/2021	14:13
Artesia-MW36-012621	560-92246-5	012821012.D	01/28/2021	14:38
Artesia-MW37-012621	560-92246-6	012821013.D	01/28/2021	15:03
Artesia-MW38-012621	560-92246-7	012821014.D	01/28/2021	15:28
Artesia-MW17C-012621	560-92246-2	012821015.D	01/28/2021	15:53
Artesia-MD37-012621	560-92246-8	012821016.D	01/28/2021	16:18

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FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Corpus Chri Job No.: 560-92246-1

SDG No.:

Sample No.: CCVIS 560-182388/2 Date Analyzed: 01/28/2021 10:28

Instrument ID: VGCMS#1 GC Column: VMS160808A ID: 0.18(mm)

Lab File ID (Standard): 012821002.D Heated Purge: (Y/N) Y

Calibration ID: 12647

		FB		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		716090	5.78	269202	9.06	287174	11.42
UPPER LIMIT		1432180	6.28	538404	9.56	574348	11.92
LOWER LIMIT		358045	5.28	134601	8.56	143587	10.92
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 560-182388/3		714201	5.79	261513	9.06	289026	11.42
560-92246-1 MS	Artesia-MW11-012621 MS	731137	5.79	258901	9.06	287435	11.42
560-92246-1 MSD	Artesia-MW11-012621 MSD	771460	5.79	279892	9.06	297765	11.42
MB 560-182388/8		670083	5.79	240142	9.06	260111	11.42
560-92246-4	Artesia-TB-012621	639286	5.79	225534	9.06	246833	11.42
560-92246-1	Artesia-MW11-012621	585462	5.79	210166	9.06	232255	11.42
560-92246-3	Artesia-MW12-012621	641181	5.79	216581	9.06	250607	11.42
560-92246-5	Artesia-MW36-012621	657717	5.79	235155	9.06	268732	11.42
560-92246-6	Artesia-MW37-012621	684632	5.79	237159	9.06	271177	11.42
560-92246-7	Artesia-MW38-012621	686555	5.79	233252	9.06	279215	11.42
560-92246-2	Artesia-MW17C-012621	623150	5.79	221219	9.06	245293	11.42
560-92246-8	Artesia-MD37-012621	652235	5.79	233796	9.06	273427	11.42

FB = Fluorobenzene (IS)
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Corpus Chri Job No.: 560-92246-1

SDG No.:

Client Sample ID: Artesia-MW11-012621 Lab Sample ID: 560-92246-1

Matrix: Water Lab File ID: 012821010.D

Analysis Method: 8260B Date Collected: 01/26/2021 12:35

Sample wt/vol: 5(mL) Date Analyzed: 01/28/2021 13:48

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: VMS160808A ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 182388 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.000300	U	0.00100	0.000300
71-43-2	Benzene	0.000330	U	0.00100	0.000330
75-34-3	1,1-Dichloroethane	0.00368		0.00100	0.000168
127-18-4	Tetrachloroethene	0.000189	U	0.00100	0.000189
91-20-3	Naphthalene	0.000200	U	0.00500	0.000200

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	113		69-130
460-00-4	4-Bromofluorobenzene (Surr)	88		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		70-140
2037-26-5	Toluene-d8 (Surr)	107		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Corpus Chri Job No.: 560-92246-1

SDG No.:

Client Sample ID: Artesia-MW17C-012621 Lab Sample ID: 560-92246-2

Matrix: Water Lab File ID: 012821015.D

Analysis Method: 8260B Date Collected: 01/26/2021 11:35

Sample wt/vol: 5(mL) Date Analyzed: 01/28/2021 15:53

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: VMS160808A ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 182388 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.000300	U	0.00100	0.000300
71-43-2	Benzene	0.000330	U	0.00100	0.000330
75-34-3	1,1-Dichloroethane	0.000168	U	0.00100	0.000168
127-18-4	Tetrachloroethene	0.000189	U	0.00100	0.000189
91-20-3	Naphthalene	0.000200	U	0.00500	0.000200

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	111		69-130
460-00-4	4-Bromofluorobenzene (Surr)	91		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		70-140
2037-26-5	Toluene-d8 (Surr)	112		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Corpus Chri Job No.: 560-92246-1

SDG No.:

Client Sample ID: Artesia-MW12-012621 Lab Sample ID: 560-92246-3

Matrix: Water Lab File ID: 012821011.D

Analysis Method: 8260B Date Collected: 01/26/2021 10:35

Sample wt/vol: 5(mL) Date Analyzed: 01/28/2021 14:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: VMS160808A ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 182388 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.00158		0.00100	0.000300
71-43-2	Benzene	0.000806	J	0.00100	0.000330
75-34-3	1,1-Dichloroethane	0.0357		0.00100	0.000168
127-18-4	Tetrachloroethene	0.000189	U	0.00100	0.000189
91-20-3	Naphthalene	0.00108	J	0.00500	0.000200

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	102		69-130
460-00-4	4-Bromofluorobenzene (Surr)	90		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		70-140
2037-26-5	Toluene-d8 (Surr)	108		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Corpus Chri Job No.: 560-92246-1

SDG No.:

Client Sample ID: Artesia-TB-012621 Lab Sample ID: 560-92246-4

Matrix: Water Lab File ID: 012821009.D

Analysis Method: 8260B Date Collected: 01/26/2021 08:00

Sample wt/vol: 5(mL) Date Analyzed: 01/28/2021 13:23

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: VMS160808A ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 182388 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.000300	U	0.00100	0.000300
71-43-2	Benzene	0.000330	U	0.00100	0.000330
75-34-3	1,1-Dichloroethane	0.000168	U	0.00100	0.000168
127-18-4	Tetrachloroethene	0.000189	U	0.00100	0.000189
91-20-3	Naphthalene	0.000200	U	0.00500	0.000200

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	104		69-130
460-00-4	4-Bromofluorobenzene (Surr)	89		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		70-140
2037-26-5	Toluene-d8 (Surr)	111		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Corpus Chri Job No.: 560-92246-1

SDG No.:

Client Sample ID: Artesia-MW36-012621 Lab Sample ID: 560-92246-5

Matrix: Water Lab File ID: 012821012.D

Analysis Method: 8260B Date Collected: 01/26/2021 13:35

Sample wt/vol: 5(mL) Date Analyzed: 01/28/2021 14:38

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: VMS160808A ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 182388 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.000466	J	0.00100	0.000300
71-43-2	Benzene	0.00295		0.00100	0.000330
75-34-3	1,1-Dichloroethane	0.0177		0.00100	0.000168
127-18-4	Tetrachloroethene	0.00856		0.00100	0.000189
91-20-3	Naphthalene	0.00337	J	0.00500	0.000200

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	100		69-130
460-00-4	4-Bromofluorobenzene (Surr)	93		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		70-140
2037-26-5	Toluene-d8 (Surr)	105		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Corpus Chri Job No.: 560-92246-1

SDG No.:

Client Sample ID: Artesia-MW37-012621 Lab Sample ID: 560-92246-6

Matrix: Water Lab File ID: 012821013.D

Analysis Method: 8260B Date Collected: 01/26/2021 12:30

Sample wt/vol: 5(mL) Date Analyzed: 01/28/2021 15:03

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: VMS160808A ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 182388 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.00286		0.00100	0.000300
71-43-2	Benzene	0.00179		0.00100	0.000330
75-34-3	1,1-Dichloroethane	0.0292		0.00100	0.000168
127-18-4	Tetrachloroethene	0.00362		0.00100	0.000189
91-20-3	Naphthalene	0.00109	J	0.00500	0.000200

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	99		69-130
460-00-4	4-Bromofluorobenzene (Surr)	97		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-140
2037-26-5	Toluene-d8 (Surr)	106		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Corpus Chri Job No.: 560-92246-1

SDG No.:

Client Sample ID: Artesia-MW38-012621 Lab Sample ID: 560-92246-7

Matrix: Water Lab File ID: 012821014.D

Analysis Method: 8260B Date Collected: 01/26/2021 12:05

Sample wt/vol: 5(mL) Date Analyzed: 01/28/2021 15:28

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: VMS160808A ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 182388 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.00294		0.00100	0.000300
71-43-2	Benzene	0.00185		0.00100	0.000330
75-34-3	1,1-Dichloroethane	0.102		0.00100	0.000168
127-18-4	Tetrachloroethene	0.00500		0.00100	0.000189
91-20-3	Naphthalene	0.00145	J	0.00500	0.000200

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	98		69-130
460-00-4	4-Bromofluorobenzene (Surr)	92		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		70-140
2037-26-5	Toluene-d8 (Surr)	111		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Corpus Chri Job No.: 560-92246-1

SDG No.:

Client Sample ID: Artesia-MD37-012621 Lab Sample ID: 560-92246-8

Matrix: Water Lab File ID: 012821016.D

Analysis Method: 8260B Date Collected: 01/26/2021 12:35

Sample wt/vol: 5(mL) Date Analyzed: 01/28/2021 16:18

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: VMS160808A ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 182388 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.00149		0.00100	0.000300
71-43-2	Benzene	0.00120		0.00100	0.000330
75-34-3	1,1-Dichloroethane	0.0169		0.00100	0.000168
127-18-4	Tetrachloroethene	0.00260		0.00100	0.000189
91-20-3	Naphthalene	0.000591	J	0.00500	0.000200

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	105		69-130
460-00-4	4-Bromofluorobenzene (Surr)	91		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		70-140
2037-26-5	Toluene-d8 (Surr)	107		70-130

Received by OCD: 3/25/2022 8:51:12 AM

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Corpus Christ Job No.: 560-92246-1 Analy Batch No.: 177586

SDG No.:

Instrument ID: VGCMS#1 GC Column: VMS160808A ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/23/2020 16:18 Calibration End Date: 08/23/2020 19:38 Calibration ID: 12647

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD01 560-177586/2	082320003.D
Level 2	STD02 560-177586/3	082320004.D
Level 3	STD05 560-177586/4	082320005.D
Level 4	STD10 560-177586/5	082320006.D
Level 5	STD20 560-177586/6	082320007.D
Level 6	STD50 560-177586/7	082320008.D
Level 7	STD100 560-177586/8	082320009.D
Level 8	STD150 560-177586/9	082320010.D
Level 9	STD200 560-177586/10	082320011.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Dichlorodifluoromethane	+++++ 0.2315	+++++ 0.2246	0.1862 0.2018	0.1945 0.1900	0.2494	Ave		0.2112				11.4		15.0			
Chloromethane	+++++ 0.3662	+++++ 0.3504	0.3654 0.3388	0.3689 0.3204	0.3969	Ave		0.3581			0.1000	6.8		15.0			
Vinyl chloride	0.3984 0.3651	0.3748 0.3550	0.3567 0.3340	0.3717 0.3167	0.3947	Ave		0.3630				7.3		15.0			
1,3-Butadiene	0.4425 0.3553	0.4231 0.3286	0.3648 0.3131	0.3658 0.2878	0.3783	Ave		0.3622				13.7		15.0			
Ethylene oxide	+++++ 0.0294	0.0322 0.0338	0.0281 0.0291	0.0302 0.0268	0.0339	Ave		0.0305				8.5		15.0			
Bromomethane	+++++ 0.2517	+++++ 0.2399	0.2599 0.2278	0.2777 0.2068	0.2708	Ave		0.2478				10.1		15.0			
Chloroethane	+++++ 0.2180	+++++ 0.2046	0.2362 0.1981	0.2340 0.1862	0.2387	Ave		0.2165				9.6		15.0			
Dichlorofluoromethane	0.6594 0.5654	0.6512 0.5442	0.5975 0.5267	0.6228 0.5064	0.6084	Ave		0.5869				9.3		15.0			
Trichlorofluoromethane	0.4838 0.4889	0.5126 0.4734	0.4653 0.4579	0.5100 0.4306	0.5120	Ave		0.4816				5.8		15.0			
Ethyl ether	+++++ 0.2847	0.3171 0.2865	0.2904 0.2778	0.3072 0.2678	0.3102	Ave		0.2927				5.9		15.0			
Acrolein	0.0865 0.0787	0.0820 0.0799	0.0791 0.0800	0.0821 0.0760	0.0807	Ave		0.0805				3.6		15.0			
1,1-Dichloroethene	0.5024 0.4642	0.5319 0.4538	0.4845 0.4415	0.4889 0.4211	0.4930	Ave		0.4757				7.1		15.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.2455 0.2624	0.2695 0.2594	0.2627 0.2453	0.2754 0.2306	0.2783	Ave		0.2588				6.0		15.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

Released to Imaging: 6/14/2022 10:51:35 AM

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Corpus Christ Job No.: 560-92246-1 Analy Batch No.: 177586

SDG No.:

Instrument ID: VGCMS#1 GC Column: VMS160808A ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/23/2020 16:18 Calibration End Date: 08/23/2020 19:38 Calibration ID: 12647

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Acetone	0.2125 0.1753	0.2001 0.1685	0.2048 0.1649	0.1896 0.1656	0.1840	Ave		0.1850				9.6		15.0			
Methyl iodide	0.4953 0.5378	0.5765 0.5307	0.5436 0.5242	0.5696 0.5075	0.5671	Ave		0.5391				5.2		15.0			
Carbon disulfide	1.0106 0.9713	1.0251 0.9590	1.0003 0.9575	1.0173 0.9099	1.0435	Ave		0.9883				4.3		15.0			
Acetonitrile	+++++ 0.0444	+++++ 0.0413	0.0448 0.0426	0.0473 0.0413	0.0479	Ave		0.0442				6.1		15.0			
3-Chloro-1-propene	0.1739 0.1858	0.1923 0.1787	0.1874 0.1802	0.2025 0.1646	0.2030	Ave		0.1854				6.9		15.0			
Methyl acetate	0.4575 0.4328	0.4280 0.4235	0.4465 0.4142	0.4412 0.4059	0.4492	Ave		0.4332				3.9		15.0			
Methylene Chloride	+++++ 0.3098	+++++ 0.3076	0.3501 0.3019	0.3453 0.2937	0.3355	Ave		0.3206				7.0		15.0			
2-Methyl-2-propanol	0.0881 0.0817	0.0911 0.0796	0.0912 0.0801	0.0887 0.0774	0.0854	Ave		0.0848				6.2		15.0			
Acrylonitrile	0.2133 0.2108	0.2211 0.2076	0.2197 0.2039	0.2284 0.1993	0.2194	Ave		0.2137				4.3		15.0			
trans-1,2-Dichloroethene	0.4869 0.4529	0.4871 0.4457	0.4699 0.4397	0.4877 0.4227	0.4797	Ave		0.4636				5.2		15.0			
Methyl tert-butyl ether	1.0024 0.9842	1.0801 0.9844	1.0591 0.9692	1.0738 0.9431	1.0482	Ave		1.0160				4.9		15.0			
Hexane	+++++ 0.0664	+++++ 0.0664	0.0643 0.0642	0.0628 0.0590	0.0654	Ave		0.0641				4.0		15.0			
1,1-Dichloroethane	0.5776 0.5600	0.5961 0.5526	0.5742 0.5466	0.5992 0.5287	0.5820	Ave		0.5685			0.1000	4.1		15.0			
Vinyl acetate	+++++ 0.0816	0.0727 0.0820	0.0799 0.0831	0.0767 0.0777	0.0795	Ave		0.0792				4.3		15.0			
2-Chloro-1,3-butadiene	0.5829 0.5309	0.5672 0.5252	0.5399 0.5210	0.5545 0.4945	0.5566	Ave		0.5414				5.0		15.0			
Isopropyl ether	0.2452 0.2725	0.2796 0.2708	0.2798 0.2670	0.2902 0.2598	0.2820	Ave		0.2719				4.9		15.0			
Tert-butyl ethyl ether	0.9829 0.9829	1.0229 0.9778	1.0152 0.9577	1.0525 0.9274	1.0456	Ave		0.9961				4.1		15.0			
2,2-Dichloropropane	0.4062 0.3910	0.4362 0.3673	0.4053 0.3652	0.4374 0.3544	0.4281	Ave		0.3990				7.9		15.0			
cis-1,2-Dichloroethene	0.3435 0.3436	0.3823 0.3418	0.3628 0.3375	0.3674 0.3282	0.3544	Ave		0.3513				4.8		15.0			
2-Butanone (MEK)	0.2898 0.2866	0.2905 0.2808	0.2900 0.2831	0.2883 0.2776	0.2818	Ave		0.2854				1.6		15.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

Released to Imaging: 6/14/2022 10:51:35 AM

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Corpus Christ Job No.: 560-92246-1 Analy Batch No.: 177586

SDG No.:

Instrument ID: VGCMS#1 GC Column: VMS160808A ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/23/2020 16:18 Calibration End Date: 08/23/2020 19:38 Calibration ID: 12647

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Propionitrile	+++++ 0.0835	0.0817 0.0818	0.0888 0.0825	0.0882 0.0809	0.0860	Ave		0.0842				3.7		15.0			
Ethyl acetate	+++++ 0.5255	0.5422 0.5105	0.5440 0.5215	0.5357 0.5158	0.5041	Ave		0.5249				2.8		15.0			
Chlorobromomethane	0.1963 0.2320	0.2455 0.2319	0.2382 0.2306	0.2472 0.2243	0.2402	Ave		0.2318				6.6		15.0			
Methacrylonitrile	0.1883 0.1929	0.1990 0.1917	0.1987 0.1919	0.1998 0.1871	0.1933	Ave		0.1936				2.4		15.0			
Tetrahydrofuran	+++++ 0.2036	0.2133 0.2035	0.2203 0.2082	0.2170 0.2054	0.2077	Ave		0.2099				3.0		15.0			
Chloroform	0.5207 0.5233	0.5711 0.5246	0.5316 0.5272	0.5518 0.5163	0.5422	Ave		0.5343				3.3		15.0			
1,1,1-Trichloroethane	0.4741 0.4722	0.4863 0.4747	0.4794 0.4781	0.4905 0.4598	0.4829	Ave		0.4776				1.9		15.0			
Cyclohexane	0.6765 0.5843	0.6643 0.5939	0.6057 0.5766	0.6110 0.5429	0.6133	Ave		0.6076				6.9		15.0			
Carbon tetrachloride	0.4009 0.4186	0.4204 0.4229	0.4160 0.4232	0.4257 0.4106	0.4216	Ave		0.4178				1.9		15.0			
1,1-Dichloropropene	0.4133 0.4382	0.4702 0.4384	0.4259 0.4387	0.4434 0.4239	0.4436	Ave		0.4373				3.7		15.0			
Benzene	1.2652 1.2510	1.3346 1.2457	1.2924 1.2604	1.2796 1.2231	1.2698	Ave		1.2691				2.5		15.0			
Isobutyl alcohol	+++++ 0.0249	0.0290 0.0241	0.0262 0.0245	0.0266 0.0237	0.0248	Ave		0.0255				6.8		15.0			
1,2-Dichloroethane	0.4494 0.4357	0.4564 0.4332	0.4458 0.4309	0.4494 0.4177	0.4421	Ave		0.4401				2.7		15.0			
Isooctane	0.8873 0.8017	0.8915 0.8378	0.8126 0.8064	0.8703 0.7472	0.8369	Ave		0.8324				5.6		15.0			
Tert-amyl methyl ether	0.9468 0.9408	1.0328 0.9361	0.9916 0.9148	0.9995 0.9031	1.0102	Ave		0.9640				4.7		15.0			
n-Heptane	+++++ 0.3277	+++++ 0.3258	0.3673 0.3182	0.3376 0.2898	0.3097	Ave		0.3252				7.4		15.0			
Trichloroethene	0.3340 0.3405	0.3506 0.3427	0.3549 0.3505	0.3375 0.3396	0.3456	Ave		0.3440				2.0		15.0			
Ethyl acrylate	+++++ 0.0570	+++++ 0.0553	0.0572 0.0594	0.0498 0.0564	0.0538	Ave		0.0555				5.5		15.0			
Methylcyclohexane	0.4953 0.4873	0.5240 0.4928	0.4913 0.4754	0.4952 0.4489	0.5011	Ave		0.4901				4.1		15.0			
1,2-Dichloropropane	0.2922 0.3119	0.2927 0.3079	0.3071 0.3149	0.2999 0.3044	0.3058	Ave		0.3041				2.6		15.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Corpus Christ Job No.: 560-92246-1 Analy Batch No.: 177586

SDG No.:

Instrument ID: VGCMS#1 GC Column: VMS160808A ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/23/2020 16:18 Calibration End Date: 08/23/2020 19:38 Calibration ID: 12647

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Dibromomethane	0.1930 0.1942	0.2061 0.2008	0.1956 0.2019	0.2072 0.1967	0.2006	Ave		0.1995				2.5		15.0			
1,4-Dioxane	+++++ 0.0040	+++++ 0.0038	0.0045 0.0039	0.0038 0.0037	0.0042	Ave		0.0040				6.8		15.0			
Methyl methacrylate	+++++ 0.2789	0.2423 0.2733	0.2692 0.2889	0.2535 0.2799	0.2609	Ave		0.2684				5.7		15.0			
Dichlorobromomethane	0.3651 0.3877	0.3723 0.3913	0.3683 0.4000	0.3825 0.3909	0.3745	Ave		0.3814				3.1		15.0			
2-Nitropropane	+++++ 0.1443	0.1278 0.1475	0.1316 0.1567	0.1240 0.1528	0.1291	Ave		0.1392				9.0		15.0			
2-Chloroethyl vinyl ether	+++++ 0.2313	0.2003 0.2231	0.2082 0.2402	0.1997 0.2287	0.2056	Ave		0.2171				7.2		15.0			
cis-1,3-Dichloropropene	0.4049 0.4983	0.4545 0.4962	0.4731 0.5132	0.4636 0.4981	0.4721	Ave		0.4749				6.8		15.0			
4-Methyl-2-pentanone (MIBK)	1.4148 1.3490	1.4463 1.3589	1.4573 1.3213	1.4653 1.2860	1.3868	Ave		1.3873				4.6		15.0			
Toluene	3.2454 3.1247	3.1500 3.1986	3.2604 3.2567	3.1983 3.1997	3.1816	Ave		3.2017				1.5		15.0			
1-Octene	+++++ 0.4286	0.5206 0.4393	0.4919 0.4196	0.4712 0.3892	0.4554	Ave		0.4520				9.3		15.0			
trans-1,3-Dichloropropene	1.0040 1.1178	1.0322 1.1601	1.1096 1.1990	1.0829 1.1850	1.0675	Ave		1.1065				6.1		15.0			
Ethyl methacrylate	+++++ 1.1146	1.0778 1.1251	1.1313 1.1653	1.1205 1.1520	1.1228	Ave		1.1262				2.3		15.0			
1,1,2-Trichloroethane	0.5322 0.5724	0.5774 0.5810	0.5715 0.5930	0.5988 0.5883	0.5613	Ave		0.5751				3.4		15.0			
Tetrachloroethene	0.7683 0.8758	0.8757 0.8737	0.9222 0.8891	0.8364 0.9977	1.0040	Ave		0.8937				8.3		15.0			
1,3-Dichloropropane	1.0390 1.1746	1.1500 1.1986	1.1633 1.2308	1.1909 1.2145	1.1469	Ave		1.1676				4.8		15.0			
2-Hexanone	0.9900 0.9527	1.0523 0.9198	1.0760 0.9459	1.0166 0.9104	0.9635	Ave		0.9808				5.9		15.0			
Chlorodibromomethane	0.6640 0.7758	0.7260 0.8265	0.7239 0.8596	0.7560 0.8566	0.7590	Ave		0.7720				8.5		15.0			
n-Butyl acetate	2.0075 1.7613	1.7624 1.7325	2.0171 1.8139	1.8649 1.7575	1.8106	Ave		1.8364				5.8		15.0			
Ethylene Dibromide	0.6633 0.7723	0.7483 0.7871	0.7878 0.8207	0.7753 0.8070	0.7658	Ave		0.7697				5.9		15.0			
Chlorobenzene	2.1902 2.1330	2.1388 2.1831	2.2542 2.2419	2.1749 2.2160	2.1395	Ave		2.1857			0.3000	2.0		15.0			

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Corpus Christ Job No.: 560-92246-1 Analy Batch No.: 177586

SDG No.:

Instrument ID: VGCMS#1 GC Column: VMS160808A ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/23/2020 16:18 Calibration End Date: 08/23/2020 19:38 Calibration ID: 12647

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1-Chlorohexane	+++++ 0.6789	0.7379 0.6635	0.7803 0.6886	0.7106 0.6527	0.6905	Ave		0.7004				6.0		15.0			
1,1,1,2-Tetrachloroethane	0.7729 0.7771	0.7405 0.8192	0.7734 0.8207	0.8063 0.8194	0.7992	Ave		0.7921				3.5		15.0			
Ethylbenzene	3.5208 3.3741	3.4993 3.4590	3.5216 3.5364	3.4611 3.4658	3.4565	Ave		3.4772				1.4		15.0			
m-Xylene & p-Xylene	2.6642 2.6018	2.8036 2.6643	2.7169 2.7423	2.7232 2.6873	2.6837	Ave		2.6986				2.1		15.0			
o-Xylene	2.8500 2.8003	2.8592 2.8404	2.8807 2.8499	2.9182 2.8212	2.8896	Ave		2.8566				1.3		15.0			
Styrene	2.2183 2.2962	2.2114 2.3448	2.3357 2.4139	2.3142 2.3906	2.3073	Ave		2.3147				2.9		15.0			
Bromoform	+++++ 0.5530	+++++ 0.5933	0.4907 0.6241	0.5273 0.6292	0.5138	Ave		0.5616			0.1000	9.8		15.0			
Isopropylbenzene	2.9973 3.3189	3.1579 3.3531	3.1972 3.4112	3.2825 3.3240	3.2883	Ave		3.2589				3.8		15.0			
cis-1,4-Dichloro-2-butene	+++++ 0.3609	+++++ 0.3666	0.3047 0.3973	0.3045 0.3908	0.3222	Ave		0.3496				11.2		15.0			
Cyclohexanone	+++++ 0.0133	+++++ 0.0128	0.0138 0.0132	0.0141 0.0129	0.0138	Ave		0.0134				3.6		15.0			
Bromobenzene	1.1512 1.2334	1.2102 1.2456	1.2215 1.2787	1.2082 1.2571	1.2030	Ave		1.2232				3.0		15.0			
1,1,2,2-Tetrachloroethane	0.9900 1.0977	1.0717 1.0939	1.1149 1.1219	1.1265 1.1085	1.0863	Ave		1.0901			0.3000	3.8		15.0			
1,2,3-Trichloropropane	0.3181 0.3433	0.3334 0.3435	0.3366 0.3485	0.3626 0.3446	0.3369	Ave		0.3408				3.5		15.0			
trans-1,4-Dichloro-2-butene	+++++ 0.3531	0.3465 0.3438	0.3308 0.3643	0.3395 0.3550	0.3425	Ave		0.3469				3.0		15.0			
N-Propylbenzene	3.5014 3.7098	3.6094 3.6894	3.7271 3.7902	3.7366 3.7117	3.6701	Ave		3.6829				2.3		15.0			
2-Chlorotoluene	0.6935 0.8396	0.7945 0.8450	0.8292 0.8691	0.8280 0.8599	0.8338	Ave		0.8214				6.4		15.0			
1,3,5-Trimethylbenzene	+++++ 2.7696	2.6264 2.8043	2.6658 2.8363	2.7265 2.7966	2.7627	Ave		2.7485				2.6		15.0			
4-Chlorotoluene	0.7701 0.8589	0.8441 0.8543	0.8454 0.9005	0.8483 0.8922	0.8180	Ave		0.8480				4.5		15.0			
tert-Butylbenzene	+++++ 1.4551	1.3580 1.4738	1.3980 1.4993	1.4200 1.4686	1.4359	Ave		1.4386				3.2		15.0			
Pentachloroethane	+++++ 0.4856	0.4181 0.5298	0.4394 0.5410	0.4791 0.4318	0.3803	Ave		0.4632				12.0		15.0			

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CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Corpus Christ Job No.: 560-92246-1 Analy Batch No.: 177586

SDG No.:

Instrument ID: VGCMS#1 GC Column: VMS160808A ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/23/2020 16:18 Calibration End Date: 08/23/2020 19:38 Calibration ID: 12647

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,2,4-Trimethylbenzene	+++++ 2.8632	2.6810 2.8904	2.8029 2.9329	2.8189 2.9012	2.8173	Ave		2.8385				2.8		15.0			
sec-Butylbenzene	+++++ 3.2820	3.0909 3.3253	3.1975 3.3868	3.2366 3.3171	3.2454	Ave		3.2602				2.8		15.0			
1,3-Dichlorobenzene	1.6241 1.7155	1.7472 1.7266	1.7413 1.7526	1.7134 1.7380	1.6986	Ave		1.7175				2.3		15.0			
4-Isopropyltoluene	2.7206 3.0455	2.9554 3.0800	2.9426 3.1221	2.9714 3.0726	3.0071	Ave		2.9908				4.0		15.0			
1,4-Dichlorobenzene	1.7371 1.7477	1.7570 1.7458	1.7891 1.7934	1.7624 1.7700	1.7302	Ave		1.7592				1.2		15.0			
1,2,3-Trimethylbenzene	+++++ 2.9413	2.8064 2.9583	2.8591 3.0122	2.8891 2.9794	2.9084	Ave		2.9193				2.3		15.0			
Benzyl chloride	+++++ 0.4727	+++++ 0.4869	0.4324 0.4957	0.4471 0.4891	0.4405	Ave		0.4663				5.6		15.0			
1,2-Dichlorobenzene	1.5704 1.7598	1.7373 1.7802	1.7605 1.7838	1.8149 1.7681	1.7776	Ave		1.7503				4.0		15.0			
n-Butylbenzene	+++++ 2.3877	2.3935 2.3496	2.3453 2.3772	2.4213 2.3279	2.4073	Ave		2.3762				1.4		15.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.3219	0.2945 0.3353	0.2844 0.3316	0.3118 0.3299	0.3058	Ave		0.3144				5.9		15.0			
1,3,5-Trichlorobenzene	+++++ 1.1768	1.1704 1.1226	1.1549 1.1187	1.2141 1.0952	1.2251	Ave		1.1597				4.0		15.0			
1,2,4-Trichlorobenzene	+++++ 1.1222	1.1221 1.0459	1.0471 1.0671	1.1603 1.0466	1.1757	Ave		1.0984				4.9		15.0			
Hexachlorobutadiene	+++++ 0.3692	0.3839 0.3491	0.3711 0.3495	0.3929 0.3365	0.4006	Ave		0.3691				6.2		15.0			
Naphthalene	+++++ 3.6101	3.4528 3.4804	3.4115 3.5021	3.6656 3.4550	3.6752	Ave		3.5316				2.9		15.0			
1,2,3-Trichlorobenzene	+++++ 1.0212	1.0519 0.9435	1.0006 0.9696	1.0577 0.9557	1.0569	Ave		1.0071				4.7		15.0			
Dibromofluoromethane (Surr)	0.2558 0.2454	0.2601 0.2479	0.2486 0.2439	0.2588 0.2420	0.2550	Ave		0.2508				2.7		15.0			
1,2-Dichloroethane-d4 (Surr)	0.2995 0.2894	0.2991 0.2913	0.2942 0.2823	0.2983 0.2786	0.3009	Ave		0.2926				2.7		15.0			
Toluene-d8 (Surr)	2.3592 2.2946	2.2979 2.3194	2.3545 2.3219	2.3402 2.3360	2.3363	Ave		2.3289				1.0		15.0			
4-Bromofluorobenzene (Surr)	0.8111 0.8370	0.8171 0.8314	0.8349 0.8556	0.8244 0.8541	0.8169	Ave		0.8314				1.9		15.0			

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FORM VI
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RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Corpus Christ Job No.: 560-92246-1 Analy Batch No.: 177586

SDG No.:

Instrument ID: VGCMS#1 GC Column: VMS160808A ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/23/2020 16:18 Calibration End Date: 08/23/2020 19:38 Calibration ID: 12647

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD01 560-177586/2	082320003.D
Level 2	STD02 560-177586/3	082320004.D
Level 3	STD05 560-177586/4	082320005.D
Level 4	STD10 560-177586/5	082320006.D
Level 5	STD20 560-177586/6	082320007.D
Level 6	STD50 560-177586/7	082320008.D
Level 7	STD100 560-177586/8	082320009.D
Level 8	STD150 560-177586/9	082320010.D
Level 9	STD200 560-177586/10	082320011.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/KG)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Dichlorodifluoromethane	FB	Ave	+++++ 167452	+++++ 336020	13060 489910	25462 647056	66321	+++++ 50.0	+++++ 100	5.00 150	10.0 200	20.0
Chloromethane	FB	Ave	+++++ 264849	+++++ 524341	25627 822326	48294 1090978	105549	+++++ 50.0	+++++ 100	5.00 150	10.0 200	20.0
Vinyl chloride	FB	Ave	5437 264085	10154 531220	25017 810638	48664 1078252	104955	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
1,3-Butadiene	FB	Ave	6039 257017	11465 491658	25585 759952	47896 979756	100608	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
Ethylene oxide	FB	Ave	+++++ 212872	8720 505059	19738 706175	39599 913983	90224	+++++ 500	20.0 1000	50.0 1500	100 2000	200
Bromomethane	FB	Ave	+++++ 182043	+++++ 358945	18228 552873	36354 704211	72017	+++++ 50.0	+++++ 100	5.00 150	10.0 200	20.0
Chloroethane	FB	Ave	+++++ 157672	+++++ 306072	16566 480892	30631 633808	63481	+++++ 50.0	+++++ 100	5.00 150	10.0 200	20.0
Dichlorofluoromethane	FB	Ave	8999 408928	17643 814255	41901 1278424	81531 1724141	161792	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
Trichlorofluoromethane	FB	Ave	6603 353657	13888 708389	32628 1111587	66766 1466127	136146	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
Ethyl ether	FB	Ave	+++++ 205949	8592 428663	20366 674329	40216 911773	82496	+++++ 50.0	2.00 100	5.00 150	10.0 200	20.0
Acrolein	FB	Ave	11652 561929	21937 1181005	54798 1917202	106077 2554073	212032	9.88 494	19.8 988	49.4 1481	98.8 1975	198
1,1-Dichloroethene	FB	Ave	6856 335745	14413 679013	33974 1071601	64004 1433676	131096	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	3350 189764	7302 388108	18422 595380	36056 785266	74003	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
Acetone	FB	Ave	14503 633909	27102 1260945	71794 2001281	124082 2819761	244638	5.00 250	10.0 500	25.0 750	50.0 1000	100

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Lab Name: Eurofins TestAmerica, Corpus Christ Job No.: 560-92246-1 Analy Batch No.: 177586

SDG No.:

Instrument ID: VGCMS#1 GC Column: VMS160808A ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/23/2020 16:18 Calibration End Date: 08/23/2020 19:38 Calibration ID: 12647

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/KG)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Methyl iodide	FB	Ave	6759 388982	15620 794157	38121 1272353	74577 1727962	150799	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
Carbon disulfide	FB	Ave	13792 702518	27775 1435022	70146 2324302	133190 3098140	277492	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
Acetonitrile	FB	Ave	+++++ 321053	+++++ 617665	31382 1033548	61937 1404977	127352	+++++ 500	+++++ 1000	50.0 1500	100 2000	200
3-Chloro-1-propene	FB	Ave	2373 134361	5210 267395	13139 437452	26510 560474	53987	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
Methyl acetate	FB	Ave	12487 626032	23191 1267356	62625 2010663	115529 2764102	238894	2.00 100	4.00 200	10.0 300	20.0 400	40.0
Methylene Chloride	FB	Ave	+++++ 224089	+++++ 460300	24552 732909	45212 999931	89230	+++++ 50.0	+++++ 100	5.00 150	10.0 200	20.0
2-Methyl-2-propanol	FB	Ave	12029 590871	24672 1190766	63949 1943551	116160 2635202	227139	10.0 500	20.0 1000	50.0 1500	100 2000	200
Acrylonitrile	FB	Ave	29108 1524786	59918 3107087	154055 4949591	298985 6786232	583557	10.0 500	20.0 1000	50.0 1500	100 2000	200
trans-1,2-Dichloroethene	FB	Ave	6645 327582	13198 666956	32950 1067267	63846 1439225	127556	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
Methyl tert-butyl ether	FB	Ave	13680 711874	29264 1472917	74270 2352631	140584 3211171	278746	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
Hexane	FB	Ave	+++++ 48038	+++++ 99330	4512 155847	8217 200875	17382	+++++ 50.0	+++++ 100	5.00 150	10.0 200	20.0
1,1-Dichloroethane	FB	Ave	7883 405053	16151 826802	40264 1326853	78442 1800090	154783	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
Vinyl acetate	FB	Ave	+++++ 118062	3942 245476	11205 403519	20086 528859	42302	+++++ 100	4.00 200	10.0 300	20.0 400	40.0
2-Chloro-1,3-butadiene	FB	Ave	7955 383994	15367 785875	37861 1264757	72595 1683777	148011	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
Isopropyl ether	FB	Ave	3347 197128	7577 405252	19619 648026	37987 884545	75002	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
Tert-butyl ethyl ether	FB	Ave	13414 710972	27714 1463083	71195 2324717	137795 3157738	278051	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
2,2-Dichloropropane	FB	Ave	5543 282847	11820 549585	28423 886488	57270 1206778	113851	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
cis-1,2-Dichloroethene	FB	Ave	4688 248515	10358 511404	25445 819285	48095 1117483	94257	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
2-Butanone (MEK)	FB	Ave	19774 1036359	39353 2100745	101682 3436023	188694 4726616	374671	5.00 250	10.0 500	25.0 750	50.0 1000	100
Propionitrile	FB	Ave	+++++ 604109	22149 1223787	62298 2002349	115441 2753722	228690	+++++ 500	20.0 1000	50.0 1500	100 2000	200
Ethyl acetate	FB	Ave	+++++ 760150	29381 1527783	76302 2531953	140278 3512483	268116	+++++ 100	4.00 200	10.0 300	20.0 400	40.0

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Corpus Christ Job No.: 560-92246-1 Analy Batch No.: 177586

SDG No.:

Instrument ID: VGCMS#1 GC Column: VMS160808A ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/23/2020 16:18 Calibration End Date: 08/23/2020 19:38 Calibration ID: 12647

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/KG)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Chlorobromomethane	FB	Ave	2679 167825	6653 346956	16705 559757	32364 763604	63888	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
Methacrylonitrile	FB	Ave	25699 1395073	53911 2868767	139310 4657975	261525 6371065	513957	10.0 500	20.0 1000	50.0 1500	100 2000	200
Tetrahydrofuran	FB	Ave	+++++ 294554	11557 609017	30896 1010673	56827 1398353	110460	+++++ 100	4.00 200	10.0 300	20.0 400	40.0
Chloroform	FB	Ave	7106 378538	15473 784983	37277 1279769	72247 1758061	144200	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
1,1,1-Trichloroethane	FB	Ave	6471 341528	13176 710276	33617 1160532	64216 1565616	128412	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
Cyclohexane	FB	Ave	9232 422625	18000 888730	42473 1399586	79992 1848402	163096	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
Carbon tetrachloride	FB	Ave	5472 302794	11391 632821	29174 1027204	55731 1398101	112125	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
1,1-Dichloropropene	FB	Ave	5641 316982	12740 655976	29869 1064923	58055 1443412	117975	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
Benzene	FB	Ave	17267 904867	36160 1863972	90634 3059426	167530 4164255	337678	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
Isobutyl alcohol	FB	Ave	+++++ 450387	19644 902221	45867 1489480	87220 2020865	164642	+++++ 1250	50.0 2500	125 3750	250 5000	500
1,2-Dichloroethane	FB	Ave	6133 315182	12367 648164	31261 1045965	58839 1422291	117573	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
Isooctane	FB	Ave	12110 579883	24156 1253597	56987 1957537	113943 2543935	222551	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
Tert-amyl methyl ether	FB	Ave	12921 680465	27983 1400691	69535 2220702	130854 3074778	268643	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
n-Heptane	FB	Ave	+++++ 237065	+++++ 487473	25760 772454	44196 986625	82364	+++++ 50.0	+++++ 100	5.00 150	10.0 200	20.0
Trichloroethene	FB	Ave	4558 246286	9500 512802	24891 850722	44188 1156241	91901	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
Ethyl acrylate	FB	Ave	+++++ 41206	+++++ 82765	4010 144230	6523 191915	14301	+++++ 50.0	+++++ 100	5.00 150	10.0 200	20.0
Methylcyclohexane	FB	Ave	6759 352462	14197 737387	34456 1154037	64828 1528302	133259	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
1,2-Dichloropropane	FB	Ave	3988 225570	7931 460684	21534 764421	39261 1036261	81322	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
Dibromomethane	FB	Ave	2634 140458	5584 300391	13718 490025	27122 669554	53333	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
1,4-Dioxane	FB	Ave	+++++ 58485	+++++ 114893	6356 189301	9956 255053	22109	+++++ 1000	+++++ 2000	100 3000	200 4000	400
Methyl methacrylate	FB	Ave	+++++ 403446	13131 817993	37752 1402659	66364 1905866	138777	+++++ 100	4.00 200	10.0 300	20.0 400	40.0

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Corpus Christ Job No.: 560-92246-1 Analy Batch No.: 177586

SDG No.:

Instrument ID: VGCMS#1 GC Column: VMS160808A ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/23/2020 16:18 Calibration End Date: 08/23/2020 19:38 Calibration ID: 12647

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/KG)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Dichlorobromomethane	FB	Ave	4983 280413	10087 585562	25824 970929	50075 1330948	99605	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
2-Nitropropane	FB	Ave	+++++ 208756	6925 441362	18464 760586	32479 1040646	68685	+++++ 100	4.00 200	10.0 300	20.0 400	40.0
2-Chloroethyl vinyl ether	FB	Ave	+++++ 167273	5428 333771	14602 582992	26142 778788	54667	+++++ 50.0	2.00 100	5.00 150	10.0 200	20.0
cis-1,3-Dichloropropene	FB	Ave	5526 360427	12315 742464	33175 1245697	60691 1695857	125551	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
4-Methyl-2-pentanone (MIBK)	CBNZd5	Ave	36711 1988957	76893 3982384	201411 6452872	368278 8595218	722666	5.00 250	10.0 500	25.0 750	50.0 1000	100
Toluene	CBNZd5	Ave	16842 921388	33494 1874710	90125 3181044	160771 4277281	331592	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
1-Octene	CBNZd5	Ave	+++++ 126373	5535 257486	13596 409853	23687 520330	47464	+++++ 50.0	2.00 100	5.00 150	10.0 200	20.0
trans-1,3-Dichloropropene	CBNZd5	Ave	5210 329613	10975 679975	30671 1171138	54437 1584146	111256	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
Ethyl methacrylate	CBNZd5	Ave	+++++ 328683	11460 659440	31270 1138262	56328 1540014	117019	+++++ 50.0	2.00 100	5.00 150	10.0 200	20.0
1,1,2-Trichloroethane	CBNZd5	Ave	2762 168777	6139 340550	15798 579268	30101 786416	58496	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
Tetrachloroethene	CBNZd5	Ave	3987 258242	9311 512115	25490 868473	42044 1333709	104641	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
1,3-Dichloropropane	CBNZd5	Ave	5392 346349	12228 702500	32156 1202222	59863 1623505	119531	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
2-Hexanone	CBNZd5	Ave	25689 1404685	55946 2695669	148711 4619839	255504 6084916	502084	5.00 250	10.0 500	25.0 750	50.0 1000	100
Chlorodibromomethane	CBNZd5	Ave	3446 228754	7720 484444	20011 839655	38001 1145111	79108	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
n-Butyl acetate	CBNZd5	Ave	10418 519359	18739 1015448	55757 1771770	93744 2349350	188709	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
Ethylene Dibromide	CBNZd5	Ave	3442	7957	21775	38974	79815	1.00	2.00	5.00	10.0	20.0

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FORM VI
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RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Corpus Christ Job No.: 560-92246-1 Analy Batch No.: 177586

SDG No.:

Instrument ID: VGCMS#1 GC Column: VMS160808A ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/23/2020 16:18 Calibration End Date: 08/23/2020 19:38 Calibration ID: 12647

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/KG)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			227742	461314	801642	1078828		50.0	100	150	200	
Chlorobenzene	CBNZd5	Ave	11366 628961	22742 1279521	62310 2189831	109326 2962358	222982	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
1-Chlorohexane	CBNZd5	Ave	+++++ 200191	7846 388883	21568 672604	35722 872467	71965	+++++ 50.0	2.00 100	5.00 150	10.0 200	20.0
1,1,1,2-Tetrachloroethane	CBNZd5	Ave	4011 229142	7874 480131	21377 801614	40529 1095295	83299	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
Ethylbenzene	CBNZd5	Ave	18271 994941	37208 2027388	97343 3454258	173984 4632988	360250	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
m-Xylene & p-Xylene	CBNZd5	Ave	13826 767200	29810 1561561	75100 2678623	136889 3592366	279701	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
o-Xylene	CBNZd5	Ave	14790 825753	30401 1664812	79628 2783658	146691 3771343	301157	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
Styrene	CBNZd5	Ave	11512 677093	23514 1374287	64562 2357835	116331 3195674	240478	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
Bromoform	CBNZd5	Ave	+++++ 163064	+++++ 347720	13564 609619	26504 841146	53548	+++++ 50.0	+++++ 100	5.00 150	10.0 200	20.0
Isopropylbenzene	DCBd4	Ave	17903 1029214	37951 2088527	98094 3516466	183859 4747369	376704	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
cis-1,4-Dichloro-2-butene	DCBd4	Ave	+++++ 111901	+++++ 228335	9350 409595	17054 558179	36915	+++++ 50.0	+++++ 100	5.00 150	10.0 200	20.0
Cyclohexanone	DCBd4	Ave	+++++ 20555	+++++ 39973	2123 67958	3942 92409	7895	+++++ 250	+++++ 500	25.0 750	50.0 1000	100
Bromobenzene	DCBd4	Ave	6876 382482	14544 775855	37478 1318167	67674 1795361	137819	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
1,1,2,2-Tetrachloroethane	DCBd4	Ave	5913 340388	12879 681365	34206 1156476	63097 1583099	124447	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
1,2,3-Trichloropropane	DCBd4	Ave	1900 106445	4007 213946	10327 359236	20309 492163	38591	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
trans-1,4-Dichloro-2-butene	DCBd4	Ave	+++++ 109486	4164 214137	10148 375496	19018 507051	39231	+++++ 50.0	2.00 100	5.00 150	10.0 200	20.0
N-Propylbenzene	DCBd4	Ave	20914 1150431	43377 2298047	114351 3907113	209296 5301010	420442	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
2-Chlorotoluene	DCBd4	Ave	4142 260376	9548 526337	25440 895885	46381 1228045	95519	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0

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FORM VI
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RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Corpus Christ Job No.: 560-92246-1 Analy Batch No.: 177586

SDG No.:

Instrument ID: VGCMS#1 GC Column: VMS160808A ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/23/2020 16:18 Calibration End Date: 08/23/2020 19:38 Calibration ID: 12647

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/KG)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,3,5-Trimethylbenzene	DCBd4	Ave	+++++ 858870	31563 1746703	81789 2923834	152717 3994061	316493	+++++ 50.0	2.00 100	5.00 150	10.0 200	20.0
4-Chlorotoluene	DCBd4	Ave	4600 266334	10144 532094	25937 928312	47516 1274266	93708	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
tert-Butylbenzene	DCBd4	Ave	+++++ 451219	16320 917971	42891 1545499	79538 2097372	164496	+++++ 50.0	2.00 100	5.00 150	10.0 200	20.0
Pentachloroethane	DCBd4	Ave	+++++ 150600	5025 330024	13481 557719	26836 616752	43569	+++++ 50.0	2.00 100	5.00 150	10.0 200	20.0
1,2,4-Trimethylbenzene	DCBd4	Ave	+++++ 887886	32219 1800365	85997 3023395	157894 4143443	322747	+++++ 50.0	2.00 100	5.00 150	10.0 200	20.0
sec-Butylbenzene	DCBd4	Ave	+++++ 1017755	37145 2071257	98102 3491249	181292 4737457	371786	+++++ 50.0	2.00 100	5.00 150	10.0 200	20.0
1,3-Dichlorobenzene	DCBd4	Ave	9701 531971	20997 1075446	53426 1806693	95969 2482204	194592	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
4-Isopropyltoluene	DCBd4	Ave	16250 944406	35517 1918424	90283 3218452	166435 4388203	344495	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
1,4-Dichlorobenzene	DCBd4	Ave	10376 541980	21115 1087393	54892 1848755	98718 2527856	198205	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
1,2,3-Trimethylbenzene	DCBd4	Ave	+++++ 912108	33726 1842637	87721 3105164	161828 4255120	333188	+++++ 50.0	2.00 100	5.00 150	10.0 200	20.0
Benzyl chloride	DCBd4	Ave	+++++ 146593	+++++ 303269	13266 511032	25042 698576	50460	+++++ 50.0	+++++ 100	5.00 150	10.0 200	20.0
1,2-Dichlorobenzene	DCBd4	Ave	9380 545705	20878 1108843	54013 1838802	101658 2525220	203637	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
n-Butylbenzene	DCBd4	Ave	+++++ 740421	28764 1463519	71956 2450483	135625 3324660	275781	+++++ 50.0	2.00 100	5.00 150	10.0 200	20.0
1,2-Dibromo-3-Chloropropane	DCBd4	Ave	+++++ 99828	3539 208823	8725 341837	17465 471105	35031	+++++ 50.0	2.00 100	5.00 150	10.0 200	20.0
1,3,5-Trichlorobenzene	DCBd4	Ave	+++++ 364934	14065 699264	35433 1153177	68004 1564223	140341	+++++ 50.0	2.00 100	5.00 150	10.0 200	20.0
1,2,4-Trichlorobenzene	DCBd4	Ave	+++++ 347997	13485 651454	32125 1100025	64989 1494711	134685	+++++ 50.0	2.00 100	5.00 150	10.0 200	20.0
Hexachlorobutadiene	DCBd4	Ave	+++++ 114497	4614 217454	11386 360237	22009 480602	45890	+++++ 50.0	2.00 100	5.00 150	10.0 200	20.0
Naphthalene	DCBd4	Ave	+++++ 1119492	41495 2167807	104669 3610111	205318 4934378	421027	+++++ 50.0	2.00 100	5.00 150	10.0 200	20.0
1,2,3-Trichlorobenzene	DCBd4	Ave	+++++ 316669	12641 587705	30699 999485	59246 1364870	121080	+++++ 50.0	2.00 100	5.00 150	10.0 200	20.0
Dibromofluoromethane (Surr)	FB	Ave	174552 177531	176199 185477	174321 197356	169405 205995	169563	50.0 50.0	50.0 50.0	50.0 50.0	50.0 50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	204370 209326	202615 217927	206281 228437	195236 237161	200018	50.0 50.0	50.0 50.0	50.0 50.0	50.0 50.0	50.0

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Corpus Christ Job No.: 560-92246-1 Analy Batch No.: 177586

SDG No.:

Instrument ID: VGCMS#1 GC Column: VMS160808A ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/23/2020 16:18 Calibration End Date: 08/23/2020 19:38 Calibration ID: 12647

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/KG)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Toluene-d8 (Surr)	CBNZd5	Ave	612142 676627	610835 679711	650827 755995	588182 780686	608742	50.0 50.0	50.0 50.0	50.0 50.0	50.0 50.0	50.0
4-Bromofluorobenzene (Surr)	DCBd4	Ave	242242 259541	245492 258919	256140 294014	230891 304972	233954	50.0 50.0	50.0 50.0	50.0 50.0	50.0 50.0	50.0

Curve Type Legend:
Ave = Average ISTD

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FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Corpus Christi Job No.: 560-92246-1

SDG No.:

Lab Sample ID: CCVIS 560-182388/2 Calibration Date: 01/28/2021 10:28

Instrument ID: VGCMS#1 Calib Start Date: 08/23/2020 16:18

GC Column: VMS160808A ID: 0.18(mm) Calib End Date: 08/23/2020 19:38

Lab File ID: 012821002.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.2112	0.1828		43.3	50.0	-13.4	50.0
Chloromethane	Ave	0.3581	0.3215	0.1000	44.9	50.0	-10.2	50.0
Vinyl chloride	Ave	0.3630	0.3071		42.3	50.0	-15.4	20.0
1,3-Butadiene	Ave	0.3622	0.2786		38.5	50.0	-23.1	50.0
Ethylene oxide	Ave	0.0305	0.0288		473	500	-5.4	50.0
Bromomethane	Ave	0.2478	0.2290		46.2	50.0	-7.6	50.0
Chloroethane	Ave	0.2165	0.1948		45.0	50.0	-10.1	50.0
Dichlorofluoromethane	Ave	0.5869	0.5703		48.6	50.0	-2.8	50.0
Trichlorofluoromethane	Ave	0.4816	0.4937		51.3	50.0	2.5	50.0
Ethyl ether	Ave	0.2927	0.2646		45.2	50.0	-9.6	50.0
Acrolein	Ave	0.0805	0.1019		624	494	26.5	50.0
1,1-Dichloroethene	Ave	0.4757	0.4236		44.5	50.0	-11.0	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2588	0.2388		46.1	50.0	-7.7	50.0
Acetone	Ave	0.1850	0.1986		268	250	7.3	50.0
Methyl iodide	Ave	0.5391	0.5256		48.8	50.0	-2.5	50.0
Carbon disulfide	Ave	0.9883	0.8569		43.4	50.0	-13.3	50.0
Acetonitrile	Ave	0.0442	0.0439		497	500	-0.6	50.0
3-Chloro-1-propene	Ave	0.1854	0.1660		44.8	50.0	-10.5	50.0
Methyl acetate	Ave	0.4332	0.4644		107	100	7.2	50.0
Methylene Chloride	Ave	0.3206	0.3128		48.8	50.0	-2.4	50.0
2-Methyl-2-propanol	Ave	0.0848	0.0651		384	500	-23.3	50.0
Acrylonitrile	Ave	0.2137	0.2334		546	500	9.2	50.0
trans-1,2-Dichloroethene	Ave	0.4636	0.4456		48.1	50.0	-3.9	50.0
Methyl tert-butyl ether	Ave	1.016	0.8803		43.3	50.0	-13.4	50.0
Hexane	Ave	0.0641	0.0594		46.4	50.0	-7.2	50.0
1,1-Dichloroethane	Ave	0.5685	0.5377	0.1000	47.3	50.0	-5.4	50.0
Vinyl acetate	Ave	0.0792	0.0682		86.2	100	-13.8	50.0
2-Chloro-1,3-butadiene	Ave	0.5414	0.4905		45.3	50.0	-9.4	50.0
Isopropyl ether	Ave	0.2719	0.2706		49.8	50.0	-0.5	50.0
Tert-butyl ethyl ether	Ave	0.996	0.8103		40.7	50.0	-18.7	50.0
2,2-Dichloropropane	Ave	0.3990	0.3028		37.9	50.0	-24.1	50.0
cis-1,2-Dichloroethene	Ave	0.3513	0.3346		47.6	50.0	-4.7	50.0
2-Butanone (MEK)	Ave	0.2854	0.3066		269	250	7.4	50.0
Propionitrile	Ave	0.0842	0.0890		528	500	5.7	50.0
Ethyl acetate	Ave	0.5249	0.5271		100	100	0.4	50.0
Chlorobromomethane	Ave	0.2318	0.2544		54.9	50.0	9.8	50.0
Methacrylonitrile	Ave	0.1936	0.2169		560	500	12.0	50.0
Tetrahydrofuran	Ave	0.2099	0.2152		103	100	2.5	50.0
Chloroform	Ave	0.5343	0.5400		50.5	50.0	1.1	20.0
1,1,1-Trichloroethane	Ave	0.4776	0.4478		46.9	50.0	-6.2	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Corpus Christi Job No.: 560-92246-1

SDG No.:

Lab Sample ID: CCVIS 560-182388/2 Calibration Date: 01/28/2021 10:28

Instrument ID: VGCMS#1 Calib Start Date: 08/23/2020 16:18

GC Column: VMS160808A ID: 0.18(mm) Calib End Date: 08/23/2020 19:38

Lab File ID: 012821002.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Cyclohexane	Ave	0.6076	0.5313		43.7	50.0	-12.6	50.0
Carbon tetrachloride	Ave	0.4178	0.4057		48.6	50.0	-2.9	50.0
1,1-Dichloropropene	Ave	0.4373	0.4104		46.9	50.0	-6.1	50.0
Benzene	Ave	1.269	1.225		48.3	50.0	-3.5	20.0
Isobutyl alcohol	Ave	0.0255	0.0241		1184	1250	-5.3	50.0
1,2-Dichloroethane	Ave	0.4401	0.4214		47.9	50.0	-4.2	50.0
Isooctane	Ave	0.8324	0.7593		45.6	50.0	-8.8	50.0
Tert-amyl methyl ether	Ave	0.9640	0.8532		44.3	50.0	-11.5	50.0
n-Heptane	Ave	0.3252	0.3030		46.6	50.0	-6.8	50.0
Trichloroethene	Ave	0.3440	0.3345		48.6	50.0	-2.8	50.0
Ethyl acrylate	Ave	0.0555	0.0529		47.6	50.0	-4.8	50.0
Methylcyclohexane	Ave	0.4901	0.4585		46.8	50.0	-6.5	50.0
1,2-Dichloropropane	Ave	0.3041	0.3031		49.8	50.0	-0.3	20.0
Dibromomethane	Ave	0.1995	0.1948		48.8	50.0	-2.4	50.0
1,4-Dioxane	Ave	0.0040	0.0034		842	1000	-15.8	50.0
Methyl methacrylate	Ave	0.2684	0.2705		101	100	0.8	50.0
Dichlorobromomethane	Ave	0.3814	0.3710		48.6	50.0	-2.7	50.0
2-Nitropropane	Ave	0.1392	0.1292		92.8	100	-7.2	50.0
2-Chloroethyl vinyl ether	Ave	0.2171	0.2176		50.1	50.0	0.2	50.0
cis-1,3-Dichloropropene	Ave	0.4749	0.4663		49.1	50.0	-1.8	50.0
4-Methyl-2-pentanone (MIBK)	Ave	1.387	1.572		283	250	13.3	50.0
Toluene	Ave	3.202	3.412		53.3	50.0	6.6	20.0
1-Octene	Ave	0.4520	0.4139		45.8	50.0	-8.4	50.0
trans-1,3-Dichloropropene	Ave	1.106	1.091		49.3	50.0	-1.4	50.0
Ethyl methacrylate	Ave	1.126	1.083		48.1	50.0	-3.8	50.0
1,1,2-Trichloroethane	Ave	0.5751	0.6515		56.6	50.0	13.3	50.0
Tetrachloroethene	Ave	0.8937	0.9794		54.8	50.0	9.6	50.0
1,3-Dichloropropane	Ave	1.168	1.275		54.6	50.0	9.2	50.0
2-Hexanone	Ave	0.9808	1.028		262	250	4.8	50.0
Chlorodibromomethane	Ave	0.7720	0.8561		55.5	50.0	10.9	50.0
n-Butyl acetate	Ave	1.836	1.661		45.2	50.0	-9.5	50.0
Ethylene Dibromide	Ave	0.7697	0.8585		55.8	50.0	11.5	50.0
Chlorobenzene	Ave	2.186	2.385	0.3000	54.6	50.0	9.1	50.0
1-Chlorohexane	Ave	0.7004	0.7193		51.4	50.0	2.7	50.0
1,1,1,2-Tetrachloroethane	Ave	0.7921	0.8664		54.7	50.0	9.4	50.0
Ethylbenzene	Ave	3.477	3.475		50.0	50.0	-0.0	20.0
m-Xylene & p-Xylene	Ave	2.699	2.578		47.8	50.0	-4.5	50.0
o-Xylene	Ave	2.857	2.724		47.7	50.0	-4.6	50.0
Styrene	Ave	2.315	2.211		47.8	50.0	-4.5	50.0
Bromoform	Ave	0.5616	0.5487	0.1000	48.9	50.0	-2.3	50.0
Isopropylbenzene	Ave	3.259	3.251		49.9	50.0	-0.2	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Corpus Christi Job No.: 560-92246-1

SDG No.:

Lab Sample ID: CCVIS 560-182388/2 Calibration Date: 01/28/2021 10:28

Instrument ID: VGCMS#1 Calib Start Date: 08/23/2020 16:18

GC Column: VMS160808A ID: 0.18(mm) Calib End Date: 08/23/2020 19:38

Lab File ID: 012821002.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
cis-1,4-Dichloro-2-butene	Ave	0.3496	0.3022		43.2	50.0	-13.6	50.0
Cyclohexanone	Ave	0.0134	0.0189		353	250	41.1	50.0
Bromobenzene	Ave	1.223	1.189		48.6	50.0	-2.8	50.0
1,1,2,2-Tetrachloroethane	Ave	1.090	1.143	0.3000	52.4	50.0	4.8	50.0
1,2,3-Trichloropropane	Ave	0.3408	0.3667		53.8	50.0	7.6	50.0
trans-1,4-Dichloro-2-butene	Ave	0.3469	0.3193		46.0	50.0	-7.9	50.0
N-Propylbenzene	Ave	3.683	3.674		49.9	50.0	-0.2	50.0
2-Chlorotoluene	Ave	0.8214	0.8689		52.9	50.0	5.8	50.0
4-Chlorotoluene	Ave	0.8480	0.8703		51.3	50.0	2.6	50.0
1,3,5-Trimethylbenzene	Ave	2.749	2.755		50.1	50.0	0.3	50.0
tert-Butylbenzene	Ave	1.439	1.418		49.3	50.0	-1.4	50.0
Pentachloroethane	Ave	0.4632	0.5081		54.9	50.0	9.7	50.0
1,2,4-Trimethylbenzene	Ave	2.838	2.823		49.7	50.0	-0.5	50.0
sec-Butylbenzene	Ave	3.260	3.340		51.2	50.0	2.5	50.0
1,3-Dichlorobenzene	Ave	1.717	1.717		50.0	50.0	-0.0	50.0
4-Isopropyltoluene	Ave	2.991	3.070		51.3	50.0	2.6	50.0
1,4-Dichlorobenzene	Ave	1.759	1.754		49.9	50.0	-0.3	50.0
1,2,3-Trimethylbenzene	Ave	2.919	3.016		51.7	50.0	3.3	50.0
Benzyl chloride	Ave	0.4663	0.4273		45.8	50.0	-8.4	50.0
1,2-Dichlorobenzene	Ave	1.750	1.778		50.8	50.0	1.6	50.0
n-Butylbenzene	Ave	2.376	2.387		50.2	50.0	0.5	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.3144	0.3048		48.5	50.0	-3.1	50.0
1,3,5-Trichlorobenzene	Ave	1.160	1.217		52.5	50.0	4.9	50.0
1,2,4-Trichlorobenzene	Ave	1.098	1.051		47.8	50.0	-4.3	50.0
Hexachlorobutadiene	Ave	0.3691	0.3275		44.4	50.0	-11.3	50.0
Naphthalene	Ave	3.532	3.346		47.4	50.0	-5.3	50.0
1,2,3-Trichlorobenzene	Ave	1.007	0.9506		47.2	50.0	-5.6	50.0
Dibromofluoromethane (Surr)	Ave	0.2508	0.2640		52.6	50.0	5.2	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2926	0.2898		49.5	50.0	-1.0	50.0
Toluene-d8 (Surr)	Ave	2.329	2.555		54.9	50.0	9.7	50.0
4-Bromofluorobenzene (Surr)	Ave	0.8314	0.7962		47.9	50.0	-4.2	50.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Corpus Chri Job No.: 560-92246-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 560-182388/8

Matrix: Water Lab File ID: 012821008.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 01/28/2021 12:58

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: VMS160808A ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 182388 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.000300	U	0.00100	0.000300
71-43-2	Benzene	0.000330	U	0.00100	0.000330
75-34-3	1,1-Dichloroethane	0.000168	U	0.00100	0.000168
127-18-4	Tetrachloroethene	0.000189	U	0.00100	0.000189
91-20-3	Naphthalene	0.000200	U	0.00500	0.000200

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	101		69-130
460-00-4	4-Bromofluorobenzene (Surr)	92		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		70-140
2037-26-5	Toluene-d8 (Surr)	111		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Corpus Chri Job No.: 560-92246-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 560-182388/3

Matrix: Water Lab File ID: 012821003.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 01/28/2021 10:53

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: VMS160808A ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 182388 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.02543		0.00100	0.000300
71-43-2	Benzene	0.02650		0.00100	0.000330
75-34-3	1,1-Dichloroethane	0.02531		0.00100	0.000168
127-18-4	Tetrachloroethene	0.03056		0.00100	0.000189
91-20-3	Naphthalene	0.02466		0.00500	0.000200

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	105		69-130
460-00-4	4-Bromofluorobenzene (Surr)	98		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		70-140
2037-26-5	Toluene-d8 (Surr)	115		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Corpus Chri Job No.: 560-92246-1

SDG No.:

Client Sample ID: Artesia-MW11-012621 MS Lab Sample ID: 560-92246-1 MS

Matrix: Water Lab File ID: 012821004.D

Analysis Method: 8260B Date Collected: 01/26/2021 12:35

Sample wt/vol: 5(mL) Date Analyzed: 01/28/2021 11:18

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: VMS160808A ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 182388 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.02169		0.00100	0.000300
71-43-2	Benzene	0.02312		0.00100	0.000330
75-34-3	1,1-Dichloroethane	0.02611		0.00100	0.000168
127-18-4	Tetrachloroethene	0.02543		0.00100	0.000189
91-20-3	Naphthalene	0.02258		0.00500	0.000200

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	103		69-130
460-00-4	4-Bromofluorobenzene (Surr)	97		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		70-140
2037-26-5	Toluene-d8 (Surr)	109		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Corpus Chri Job No.: 560-92246-1

SDG No.:

Client Sample ID: Artesia-MW11-012621 MSD Lab Sample ID: 560-92246-1 MSD

Matrix: Water Lab File ID: 012821005.D

Analysis Method: 8260B Date Collected: 01/26/2021 12:35

Sample wt/vol: 5(mL) Date Analyzed: 01/28/2021 11:42

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: VMS160808A ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 182388 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.02141		0.00100	0.000300
71-43-2	Benzene	0.02331		0.00100	0.000330
75-34-3	1,1-Dichloroethane	0.02476		0.00100	0.000168
127-18-4	Tetrachloroethene	0.02477		0.00100	0.000189
91-20-3	Naphthalene	0.02297		0.00500	0.000200

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane (Surr)	102		69-130
460-00-4	4-Bromofluorobenzene (Surr)	100		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		70-140
2037-26-5	Toluene-d8 (Surr)	102		70-130

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Corpus Christi Job No.: 560-92246-1

SDG No.:

Instrument ID: VGCMS#1 Start Date: 08/23/2020 15:26

Analysis Batch Number: 177586 End Date: 08/23/2020 20:28

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 560-177586/1		08/23/2020 15:26	1	082320001.D	VMS160808A 0.18(mm)
STD01 560-177586/2 IC		08/23/2020 16:18	1	082320003.D	VMS160808A 0.18(mm)
STD02 560-177586/3 IC		08/23/2020 16:43	1	082320004.D	VMS160808A 0.18(mm)
STD05 560-177586/4 IC		08/23/2020 17:08	1	082320005.D	VMS160808A 0.18(mm)
STD10 560-177586/5 IC		08/23/2020 17:33	1	082320006.D	VMS160808A 0.18(mm)
STD20 560-177586/6 IC		08/23/2020 17:58	1	082320007.D	VMS160808A 0.18(mm)
STD50 560-177586/7 ICIS		08/23/2020 18:23	1	082320008.D	VMS160808A 0.18(mm)
STD100 560-177586/8 IC		08/23/2020 18:48	1	082320009.D	VMS160808A 0.18(mm)
STD150 560-177586/9 IC		08/23/2020 19:13	1	082320010.D	VMS160808A 0.18(mm)
STD200 560-177586/10 IC		08/23/2020 19:38	1	082320011.D	VMS160808A 0.18(mm)
ICV 560-177586/12		08/23/2020 20:28	1		VMS160808A 0.18(mm)

8260B

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Corpus Christi Job No.: 560-92246-1

SDG No.:

Instrument ID: VGCMS#1 Start Date: 01/28/2021 10:01

Analysis Batch Number: 182388 End Date: 01/28/2021 20:28

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 560-182388/1		01/28/2021 10:01	1	012821001.D	VMS160808A 0.18(mm)
CCVIS 560-182388/2		01/28/2021 10:28	1	012821002.D	VMS160808A 0.18(mm)
LCS 560-182388/3		01/28/2021 10:53	1	012821003.D	VMS160808A 0.18(mm)
560-92246-1 MS	Artesia-MW11-012621 MS	01/28/2021 11:18	1	012821004.D	VMS160808A 0.18(mm)
560-92246-1 MSD	Artesia-MW11-012621 MSD	01/28/2021 11:42	1	012821005.D	VMS160808A 0.18(mm)
ZZZZZ		01/28/2021 12:32	5		VMS160808A 0.18(mm)
MB 560-182388/8		01/28/2021 12:58	1	012821008.D	VMS160808A 0.18(mm)
560-92246-4	Artesia-TB-012621	01/28/2021 13:23	1	012821009.D	VMS160808A 0.18(mm)
560-92246-1	Artesia-MW11-012621	01/28/2021 13:48	1	012821010.D	VMS160808A 0.18(mm)
560-92246-3	Artesia-MW12-012621	01/28/2021 14:13	1	012821011.D	VMS160808A 0.18(mm)
560-92246-5	Artesia-MW36-012621	01/28/2021 14:38	1	012821012.D	VMS160808A 0.18(mm)
560-92246-6	Artesia-MW37-012621	01/28/2021 15:03	1	012821013.D	VMS160808A 0.18(mm)
560-92246-7	Artesia-MW38-012621	01/28/2021 15:28	1	012821014.D	VMS160808A 0.18(mm)
560-92246-2	Artesia-MW17C-012621	01/28/2021 15:53	1	012821015.D	VMS160808A 0.18(mm)
560-92246-8	Artesia-MD37-012621	01/28/2021 16:18	1	012821016.D	VMS160808A 0.18(mm)
ZZZZZ		01/28/2021 16:43	5		VMS160808A 0.18(mm)
ZZZZZ		01/28/2021 17:08	5		VMS160808A 0.18(mm)
ZZZZZ		01/28/2021 17:33	5		VMS160808A 0.18(mm)
ZZZZZ		01/28/2021 17:58	1		VMS160808A 0.18(mm)
ZZZZZ		01/28/2021 18:23	1		VMS160808A 0.18(mm)
ZZZZZ		01/28/2021 18:48	1		VMS160808A 0.18(mm)
ZZZZZ		01/28/2021 19:13	1		VMS160808A 0.18(mm)
ZZZZZ		01/28/2021 19:38	1		VMS160808A 0.18(mm)
ZZZZZ		01/28/2021 20:03	1		VMS160808A 0.18(mm)
ZZZZZ		01/28/2021 20:28	1		VMS160808A 0.18(mm)

8260B

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Corpus C Job No.: 560-92246-1

SDG No.:

Batch Number: 182388 Batch Start Date: 01/28/21 10:01 Batch Analyst: Suporn, Arisa 1

Batch Method: 8260B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	V190906_ISSS 00001	V200521_BFB 00001	V201229CCV100 00001	V210104ICV100 00001
BFB 560-182388/1		8260B		5 mL	5 mL		2 uL		
CCVIS 560-182388/2		8260B		5 mL	5 mL	1 uL		25 uL	
LCS 560-182388/3		8260B		5 mL	5 mL	1 uL			12.5 uL
560-92246-B-1 MS	Artesia-MW11-012621	8260B	T	5 mL	5 mL	1 uL			12.5 uL
560-92246-B-1 MSD	Artesia-MW11-012621	8260B	T	5 mL	5 mL	1 uL			12.5 uL
MB 560-182388/8		8260B		5 mL	5 mL	1 uL			
560-92246-A-4	Artesia-TB-012621	8260B	T	5 mL	5 mL	1 uL			
560-92246-B-1	Artesia-MW11-012621	8260B	T	5 mL	5 mL	1 uL			
560-92246-B-3	Artesia-MW12-012621	8260B	T	5 mL	5 mL	1 uL			
560-92246-B-5	Artesia-MW36-012621	8260B	T	5 mL	5 mL	1 uL			
560-92246-C-6	Artesia-MW37-012621	8260B	T	5 mL	5 mL	1 uL			
560-92246-B-7	Artesia-MW38-012621	8260B	T	5 mL	5 mL	1 uL			
560-92246-B-2	Artesia-MW17C-012621	8260B	T	5 mL	5 mL	1 uL			
560-92246-B-8	Artesia-MD37-012621	8260B	T	5 mL	5 mL	1 uL			

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY

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COVER PAGE
GENERAL CHEMISTRY

Lab Name: Eurofins TestAmerica, Corpus Chr Job Number: 560-92246-1

SDG No.:

Project: Dowell - Artesia, 01/26/2021

Client Sample ID	Lab Sample ID
Artesia-MW11-012621	560-92246-1
Artesia-MW17C-012621	560-92246-2
Artesia-MW12-012621	560-92246-3
Artesia-MW36-012621	560-92246-5
Artesia-MW37-012621	560-92246-6
Artesia-MW38-012621	560-92246-7
Artesia-MD37-012621	560-92246-8

Comments:

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: Artesia-MW11-012621 Lab Sample ID: 560-92246-1

Lab Name: Eurofins TestAmerica, Corpus Christi Job No.: 560-92246-1

SDG ID.:

Matrix: Water Date Sampled: 01/26/2021 12:35

Reporting Basis: WET Date Received: 01/27/2021 11:20

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
14808-79-8	Sulfate	1920	100	37.7	mg/L			100	300.0

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1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: Artesia-MW17C-012621 Lab Sample ID: 560-92246-2

Lab Name: Eurofins TestAmerica, Corpus Christi Job No.: 560-92246-1

SDG ID.:

Matrix: Water Date Sampled: 01/26/2021 11:35

Reporting Basis: WET Date Received: 01/27/2021 11:20

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
14808-79-8	Sulfate	1870	100	37.7	mg/L			100	300.0

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1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: Artesia-MW12-012621 Lab Sample ID: 560-92246-3

Lab Name: Eurofins TestAmerica, Corpus Christi Job No.: 560-92246-1

SDG ID.:

Matrix: Water Date Sampled: 01/26/2021 10:35

Reporting Basis: WET Date Received: 01/27/2021 11:20

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
14808-79-8	Sulfate	2100	100	37.7	mg/L			100	300.0

Released to Imaging: 6/14/2022 10:51:35 AM

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: Artesia-MW36-012621 Lab Sample ID: 560-92246-5

Lab Name: Eurofins TestAmerica, Corpus Christi Job No.: 560-92246-1

SDG ID.:

Matrix: Water Date Sampled: 01/26/2021 13:35

Reporting Basis: WET Date Received: 01/27/2021 11:20

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
14808-79-8	Sulfate	1890	100	37.7	mg/L			100	300.0

Released to Imaging: 6/14/2022 10:51:35 AM

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: Artesia-MW37-012621 Lab Sample ID: 560-92246-6

Lab Name: Eurofins TestAmerica, Corpus Christi Job No.: 560-92246-1

SDG ID.:

Matrix: Water Date Sampled: 01/26/2021 12:30

Reporting Basis: WET Date Received: 01/27/2021 11:20

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
14808-79-8	Sulfate	2570	100	37.7	mg/L			100	300.0

Released to Imaging: 6/14/2022 10:51:35 AM

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: Artesia-MW38-012621 Lab Sample ID: 560-92246-7

Lab Name: Eurofins TestAmerica, Corpus Christi Job No.: 560-92246-1

SDG ID.:

Matrix: Water Date Sampled: 01/26/2021 12:05

Reporting Basis: WET Date Received: 01/27/2021 11:20

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
14808-79-8	Sulfate	1830	100	37.7	mg/L			100	300.0

Released to Imaging: 6/14/2022 10:51:35 AM

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: Artesia-MD37-012621 Lab Sample ID: 560-92246-8

Lab Name: Eurofins TestAmerica, Corpus Christi Job No.: 560-92246-1

SDG ID.:

Matrix: Water Date Sampled: 01/26/2021 12:35

Reporting Basis: WET Date Received: 01/27/2021 11:20

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
14808-79-8	Sulfate	2420	100	37.7	mg/L			100	300.0

Released to Imaging: 6/14/2022 10:51:35 AM

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: Eurofins TestAmerica, Corpus Chris Job No.: 560-92246-1

SDG No.:

Analyst: JLC Batch Start Date: 01/28/2021

Reporting Units: mg/L Analytical Batch No.: 182460

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
2	ICV	14:01	Sulfate	19.91	20.0	100	90-110		IC2001028ICV_00002
3	ICB	14:35	Sulfate	0.377				U	
12	CCV	19:41	Sulfate	51.53	50.0	103	90-110		IC210113CCV_00002
13	CCB	20:15	Sulfate	0.377				U	
23	CCV	01:54	Sulfate	50.94	50.0	102	90-110		IC210113CCV_00002
24	CCB	02:28	Sulfate	0.377				U	

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM II-IN

3-IN
METHOD BLANK
GENERAL CHEMISTRY

Lab Name: Eurofins TestAmerica, Corpus Chr Job No.: 560-92246-1

SDG No.:

Method	Lab Sample ID	Analyte	Result	Qual	Units	RL	Dil
Batch ID: 182460 Date: 01/28/2021 15:09							
300.0	MB 560-182460/4	Sulfate	0.377	U	mg/L	1.00	1

FORM III-IN

5-IN
MATRIX SPIKE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: Eurofins TestAmerica, Corpus Chris Job No.: 560-92246-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 182460 Date: 01/28/2021 21:23											
300.0	560-92246-1	Sulfate	1920		mg/L						
300.0	560-92246-1 MS	Sulfate	4178		mg/L	2000	113	80-120			

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM V-IN

5-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: Eurofins TestAmerica, Corpus Chris Job No.: 560-92246-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 182460 Date: 01/28/2021 21:57											
300.0	560-92246-1 MSD	Sulfate	3933		mg/L	2000	101	80-120	6	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM V-IN

7A-IN
LAB CONTROL SAMPLE
GENERAL CHEMISTRY

Lab Name: Eurofins TestAmerica, Corpus Chris Job No.: 560-92246-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 182460 Date: 01/28/2021 15:43											
						LCS Source: IC2001028ICV_00002					
300.0	LCS 560-182460/5	Sulfate	20.29		mg/L	20.0	101	90-110			

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA-IN

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins TestAmerica, Corpus Ch Job Number: 560-92246-1

SDG Number:

Matrix: Water Instrument ID: ICMetro

Method: 300.0 MDL Date: 11/23/2010 10:53

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Sulfate		1	0.377

FORM IX - IN

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins TestAmerica, Corpus Ch Job Number: 560-92246-1

SDG Number:

Matrix: Water Instrument ID: ICMetro

Method: 300.0 XMDL Date: 11/23/2010 10:54

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Sulfate		1	0.377

FORM IX - IN

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins TestAmerica, Corpus Christi Job No.: 560-92246-1

SDG No.:

Instrument ID: ICMetro Analysis Method: 300.0

Start Date: 01/28/2021 13:26 End Date: 01/30/2021 06:44

Lab Sample Id	D/F	Type	Time	Analytes																								
				SO4																								
ZZZZZZ			13:26																									
ICV 560-182460/2	1		14:01	X																								
ICB 560-182460/3	1		14:35	X																								
MB 560-182460/4	1	T	15:09	X																								
LCS 560-182460/5	1	T	15:43	X																								
ZZZZZZ			16:17																									
ZZZZZZ			16:51																									
ZZZZZZ			17:25																									
ZZZZZZ			17:59																									
ZZZZZZ			18:33																									
ZZZZZZ			19:07																									
CCV 560-182460/12	1		19:41	X																								
CCB 560-182460/13	1		20:15	X																								
560-92246-1	100	T	20:49	X																								
560-92246-1 MS	100	T	21:23	X																								
560-92246-1 MSD	100	T	21:57	X																								
560-92246-2	100	T	22:31	X																								
560-92246-3	100	T	23:05	X																								
560-92246-5	100	T	23:38	X																								
560-92246-6	100	T	00:12	X																								
560-92246-7	100	T	00:46	X																								
560-92246-8	100	T	01:20	X																								
CCV 560-182460/23	1		01:54	X																								
CCB 560-182460/24	1		02:28	X																								
ZZZZZZ			03:02																									
ZZZZZZ			03:36																									
ZZZZZZ			04:10																									
ZZZZZZ			04:44																									
ZZZZZZ			05:18																									
ZZZZZZ			05:52																									
ZZZZZZ			06:25																									
ZZZZZZ			06:59																									
ZZZZZZ			07:33																									
ZZZZZZ			08:07																									
ZZZZZZ			08:41																									
ZZZZZZ			09:15																									
CCV 560-182460/37			09:49																									
CCB 560-182460/38			10:23																									
ZZZZZZ			10:57																									
ZZZZZZ			11:31																									
ZZZZZZ			12:05																									

FORM XIII-IN

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins TestAmerica, Corpus Christi Job No.: 560-92246-1

SDG No.:

Instrument ID: ICMetro Analysis Method: 300.0

Start Date: 01/28/2021 13:26 End Date: 01/30/2021 06:44

Lab Sample Id	D/F	Type	Time	Analytes																								
				SO4																								
ZZZZZZ			12:38																									
ZZZZZZ			13:12																									
ZZZZZZ			13:46																									
ZZZZZZ			14:20																									
ZZZZZZ			14:54																									
ZZZZZZ			15:28																									
ZZZZZZ			16:02																									
ZZZZZZ			16:36																									
CCV 560-182460/50			17:10																									
CCB 560-182460/51			17:44																									
ZZZZZZ			18:18																									
ZZZZZZ			18:51																									
ZZZZZZ			19:25																									
ZZZZZZ			19:59																									
ZZZZZZ			20:33																									
ZZZZZZ			21:07																									
ZZZZZZ			21:41																									
ZZZZZZ			22:15																									
ZZZZZZ			22:49																									
CCV 560-182460/61			23:23																									
CCB 560-182460/62			23:57																									
ZZZZZZ			00:31																									
ZZZZZZ			01:04																									
ZZZZZZ			01:38																									
ZZZZZZ			02:12																									
ZZZZZZ			02:46																									
ZZZZZZ			03:20																									
ZZZZZZ			03:54																									
ZZZZZZ			04:28																									
ZZZZZZ			05:02																									
ZZZZZZ			05:36																									
CCV 560-182460/73			06:10																									
CCB 560-182460/74			06:44																									

Prep Types:
T = Total/NA

FORM XIII-IN

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Corpus C Job No.: 560-92246-1

SDG No.:

Batch Number: 182460 Batch Start Date: 01/28/21 13:26 Batch Analyst: Cooper, Jenna L

Batch Method: 300.0 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	IC2001028ICV 00002	IC200921MS 00003	IC210113CCV 00002			
ICV 560-182460/2		300.0		1 mL					
LCS 560-182460/5		300.0		1 mL					
CCV 560-182460/12		300.0				1 mL			
560-92246-J-1 MS	Artesia-MW11-012 621	300.0	T		1 mL				
560-92246-J-1 MSD	Artesia-MW11-012 621	300.0	T		1 mL				
CCV 560-182460/23		300.0				1 mL			

Batch Notes	
Eluent 1 ID	1828587

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

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Released to Imaging: 6/14/2022 10:51:35 AM
Received by OCD: 3/25/2022 8:51:12 AM

Eurofins Xenco, Corpus Christi
1733 N. Padre Island Drive
Corpus Christi, TX 78408
Phone (361) 289-2471 Fax (361) 289-2673

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: MB + AF	Lab PM: McDaniel, Bethany A	Carrier Tracking No(s): 7830-5509-8435	COC No: 600-80598-21675.2
Client Contact: Aleeca Forsberg	Phone:	E-Mail: Bethany.McDaniel@Eurofinset.com	State of Origin:	Page: Page 2 of 2
Company: Jacobs Engineering Group, Inc.	PWSID:			Job #: 92246
Address: 3721 Rutledge Rd NE Suite B-1	Due Date Requested:			
City: Albuquerque	TAT Requested (days):			
State, Zip: NM, 87109	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 148018479			
Email: aleeca.forsberg@jacobs.com	WO #: D3367411 C.CS.TPE.AR.21-04-02			
Project Name: Dowell - Artesia	Project #: 60004334			
Site:	SSOW#:			

Analysis Requested

Loc: 560
92246

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300 - Local Method	8260B - (MOD) Volatile Organic Compound Custom L	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	A		
Artesia-MW11-012621	1/26/21	1235	G	Water	N	Y	X	X	11	only 2 sulfate bottles
Artesia-MW17C-012621	1/26/21	1135	G	Water	N	N	X	X	4	
Artesia-MW12-012621	1/26/21	1035	G	Water	N	N	X	X	4	
Artesia-TB-012621	1/26/21	0800	G	Water	N	N		X	1	only 1 voa sent. Bubble
Artesia-MW36-012621	1/26/21	1335	G	Water	N	N	X	X		
Artesia-MW37-012621	1/26/21	1230	G	Water	N	N	X	X		
Artesia-MW35-012621	1/26/21	1205	G	Water	N	N	X	X		
Artesia-MD37-012621	1/26/21	1235	G	Water	N	N	X	X		
				Water						No temp Blank

560-92246 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	1/26/21 1400	Jacobs		1/27/21 1120	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 4.0 IR13 3.6 IR8 FAS

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: Jacobs Engineering Group, Inc. Job Number: 560-92246-1

Login Number: 92246 **List Source: Eurofins TestAmerica, Corpus Christi**
List Number: 1
Creator: Sanchez, Allyse A

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	Check done at department level as required.

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Data Usability Review: Data Package			
Client Name:	**Dowell Artesia**	Project Number:	**D3367411 A.CS.EV.AR.21-05-03**
Project / Affected Property:	**1H2021 Groundwater**	Project Manager:	**Aleeca Forsberg/ABQ**
Laboratory:	**Eurofins-Stafford**	Lab SDG # / Job #:	**860-2789-1**
Reviewer:	**John Ynfante/HOU**		
Level of Review / Validation:	**Level 3**		

ITEM	YES	NO	N/A	COMMENTS
Laboratory Data Package Signature Page included?	☑	☐	☐	
Date of sample collection included?	☑	☐	☐	
Sample receipt temperature ≤ 6° C?	☑	☐	☐	2.9 deg C
Signed COCs included?	☑	☐	☐	
Field ID included?	☑	☐	☐	
Laboratory ID included?	☑	☐	☐	
Date of analysis included?	☑	☐	☐	
Date of sample preparation included?	☑	☐	☐	
Detection levels included?	☑	☐	☐	
Method reference included?	☑	☐	☐	
Sample matrix included?	☑	☐	☐	
Sample results included?	☑	☐	☐	
Case narrative included, where required?	☑	☐	☐	

Definitions: AA - Atomic Absorption; %D - Percent Difference, ICP - Inductively Coupled Plasma; IDL - Instrument Detection Limit; MDL - Method Detection Limit; MQL - Method Quantitation Limit; %R - Percent Recovery; RF - Response Factor; RPD - Relative Percent Difference; RRT - Relative Retention Time; RSD - Relative Standard Deviation.

COMMENTS
VOCs: No DV flags applied.
Sulfate: No DV flags applied.

Data Usability Review: VOCs (GC/MS), SW-846 8260B

Client Name:	**Dowell Artesia**	Project Number:	**D3367411 A.CS.EV.AR.21-05-03**
Project / Affected Property:	**1H2021 Groundwater**	Project Manager:	**Aleeca Forsberg/ABQ**
Laboratory:	**Eurofins-Stafford**	Lab SDG # / Job #:	**860-2789-1**
Reviewer:	**John Ynfante/HOU**		
Level of Review / Validation:	**Level 3**		

ITEM	YES	NO	N/A	COMMENTS
Preparatory/analytical holding time met?	☑	☐	☐	
Surrogate data included in lab package?	☑	☐	☐	
%R criteria met? (use limits listed below or specify lab limits). Reject %R <10%.	☑	☐	☐	
R5 Method blank data included in Lab Package?	☑	☐	☐	
Criteria met?	☑	☐	☐	
QC check samples/LCS data included in lab package?	☑	☐	☐	
%R criteria met? (specified limits)	☑	☐	☐	
Matrix spike data included in lab package?	☑	☐	☐	
%R criteria met? (laboratory specified limits)	☑	☐	☐	
RPD criteria met? (< 20% water, <50% soil)	☑	☐	☐	
Initial calibration documentation included in lab package?	☑	☐	☐	
RF criteria met for SPCC? RRF <0.05 rejected.	☑	☐	☐	
%RSD criteria met for CCC? (<30% RSD for CCC, >15% RSD must have fit)	☑	☐	☐	
Calibration verification data included in lab package?	☑	☐	☐	
RF criteria met for SPCC? RRF <0.05 rejected.	☑	☐	☐	
%D criteria met for CCC? (20% Max, Qualify >25%D)	☑	☐	☐	
Instrument Tune documentation included in lab package?	☑	☐	☐	
Instrument Tune Criteria met?	☑	☐	☐	
Internal standard data included in lab package?	☑	☐	☐	
Area within limits? (within -50% to +100% of last calibration check?	☑	☐	☐	
RRT within limits? (<30 sec. Difference from last calibration check?	☑	☐	☐	

Surrogates	Control Limits	Lab Limits?
1,2-Dichloroethane-d4	water 80-120%, soil 80-120%	
Dibromofluoromethane	water 86-118%, soil 80-120%	
Toluene-d8	water 88-110%, soil 81-117%	
4-Bromofluorobenzene	water 86-115%, soil 74-121%	

Notes:

* SPCC: chloromethane (0.1); 1,1-dichloroethane (0.1); bromoform (0.1); chlorobenzene (0.3); and 1,1,2,2-tetrachloroethane (0.3).

Definitions: AA - Atomic Absorption; %D - Percent Difference, ICP - Inductively Coupled Plasma; IDL - Instrument Detection Limit; MDL - Method Detection Limit; MQL - Method Quantitation Limit; %R - Percent Recovery; RF - Response Factor; RPD - Relative P

COMMENTS

TB: No target analytes detected in trip blank Artesia-TB01-042821.

FD: Precision between Artesia-MW30-042821 and its field duplicate Artesia-MD30-042821 is within acceptance criteria.

FD: Precision between Artesia-MW11-042821 and its field duplicate Artesia-MD11-042821 is within acceptance criteria.

Data Usability Review: Sulfate EPA 300

Client Name:	**Dowell Artesia**	Project Number:	**D3367411 A.CS.EV.AR.21-05-03**
Project / Affected Property:	**1H2021 Groundwater**	Project Manager:	**Aleeca Forsberg/ABQ**
Laboratory:	**Eurofins-Stafford**	Lab SDG # / Job #:	**860-2789-1**
Reviewer:	**John Ynfante/HOU**		
Level of Review / Validation:	**Level 3**		

	ITEM	YES	NO	N/A	COMMENTS
	Preparatory/analytical holding time met?	☑	☐	☐	
	Method blank data included in Lab Package?	☑	☐	☐	
	Criteria met? (<MQL)	☑	☐	☐	
	QC check samples/LCS data included in lab package?	☑	☐	☐	
	%R criteria met?	☑	☐	☐	
	Matrix spike data included in lab package?	☑	☐	☐	
	%R criteria met? (AA/ICP 75-125%, Hg 85-115%)	☑	☐	☐	
	Sample duplicate data included in lab package?	☑	☐	☐	
	RPD criteria met? (RPD < 20%)	☑	☐	☐	
	Initial calibration documentation included in lab package?	☑	☐	☐	
	Calibration verification data included in lab package?	☑	☐	☐	
	%R criteria met? (Initial 90-110%)	☑	☐	☐	

Notes:

Definitions: AA - Atomic Absorption; %D - Percent Difference, ICP - Inductively Coupled Plasma; IDL - Instrument Detection Limit; MDL - Method Detection Limit; MQL - Method Quantitation Limit; %R - Percent Recovery; RF - Response Factor; RPD - Relative P

COMMENTS

FD: Precision between Artesia-MW11-042821 and its field duplicate Artesia-MD11-042821 is within acceptance criteria.

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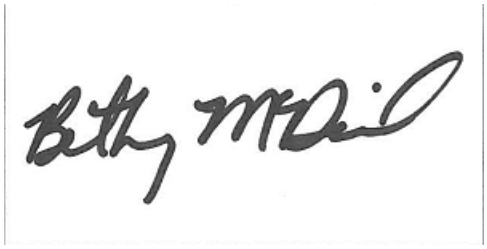
ANALYTICAL REPORT

Job Number: 860-2789-1

Job Description: Dowell - Artesia

For:
Jacobs Engineering Group, Inc.
3721 Rutledge Rd NE
Suite B-1
Albuquerque, NM 87109

Attention: Aleeca Forsberg



Approved for release.
Bethany A McDaniel
Senior Project Manager
5/5/2021 10:53 AM

Bethany A McDaniel, Senior Project Manager
4147 Greenbriar Dr, Stafford, TX, 77477
(713)358-2005
Bethany.McDaniel@Eurofinset.com
05/05/2021

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

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Definitions/Glossary

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-2789-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
860-2789-1

Receipt
The samples were received on 4/29/2021 10:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.9°C

GC/MS VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-2789-1

Client Sample ID: Artesia-TB01-042821 — Lab Sample ID: 860-2789-1

No Detections.

Client Sample ID: Artesia-Outlet-042821 — Lab Sample ID: 860-2789-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.00155		0.00100	0.000244	mg/L	1		8260C	Total/NA

Client Sample ID: Artesia-MID-042821 — Lab Sample ID: 860-2789-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.00649		0.00100	0.000216	mg/L	1		8260C	Total/NA
1,1-Dichloroethane	0.00316		0.00100	0.000244	mg/L	1		8260C	Total/NA

Client Sample ID: Artesia-Inlet-042821 — Lab Sample ID: 860-2789-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.00787		0.00100	0.000216	mg/L	1		8260C	Total/NA
1,1-Dichloroethane	0.00235		0.00100	0.000244	mg/L	1		8260C	Total/NA
Tetrachloroethene	0.00849		0.00100	0.000500	mg/L	1		8260C	Total/NA

Client Sample ID: Artesia-MW30-042821 — Lab Sample ID: 860-2789-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.00178		0.00100	0.000216	mg/L	1		8260C	Total/NA
1,1-Dichloroethane	0.00102		0.00100	0.000244	mg/L	1		8260C	Total/NA
Tetrachloroethene	0.00266		0.00100	0.000500	mg/L	1		8260C	Total/NA

Client Sample ID: Artesia-MD30-042821 — Lab Sample ID: 860-2789-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.00205		0.00100	0.000216	mg/L	1		8260C	Total/NA
1,1-Dichloroethane	0.00107		0.00100	0.000244	mg/L	1		8260C	Total/NA
Tetrachloroethene	0.00311		0.00100	0.000500	mg/L	1		8260C	Total/NA

Client Sample ID: Artesia-MW37-042821 — Lab Sample ID: 860-2789-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.00347		0.00100	0.000216	mg/L	1		8260C	Total/NA
Benzene	0.00253		0.00100	0.000214	mg/L	1		8260C	Total/NA
1,1-Dichloroethane	0.0288		0.00100	0.000244	mg/L	1		8260C	Total/NA
Tetrachloroethene	0.00393		0.00100	0.000500	mg/L	1		8260C	Total/NA
Sulfate	2680		10.0	2.18	mg/L	20		300.0	Total/NA

Client Sample ID: Artesia-MW38-042821 — Lab Sample ID: 860-2789-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.00336		0.00100	0.000216	mg/L	1		8260C	Total/NA
Benzene	0.00140		0.00100	0.000214	mg/L	1		8260C	Total/NA
1,1-Dichloroethane	0.114		0.00100	0.000244	mg/L	1		8260C	Total/NA
Tetrachloroethene	0.00456		0.00100	0.000500	mg/L	1		8260C	Total/NA
Sulfate	2410		5.00	1.09	mg/L	10		300.0	Total/NA

Client Sample ID: Artesia-MW17C-042821 — Lab Sample ID: 860-2789-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	2280		10.0	2.18	mg/L	20		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Xenco, Stafford

Detection Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-2789-1

Client Sample ID: Artesia-MW22-042821 — Lab Sample ID: 860-2789-10

No Detections.

Client Sample ID: Artesia-MW25-042821 — Lab Sample ID: 860-2789-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.000528	J	0.00100	0.000216	mg/L	1		8260C	Total/NA
1,1-Dichloroethane	0.000771	J	0.00100	0.000244	mg/L	1		8260C	Total/NA

Client Sample ID: Artesia-MW28-042821 — Lab Sample ID: 860-2789-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.00506		0.00100	0.000216	mg/L	1		8260C	Total/NA
1,1-Dichloroethane	0.00306		0.00100	0.000244	mg/L	1		8260C	Total/NA
Tetrachloroethene	0.00649		0.00100	0.000500	mg/L	1		8260C	Total/NA

Client Sample ID: Artesia-MW29-042821 — Lab Sample ID: 860-2789-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.0130		0.00100	0.000216	mg/L	1		8260C	Total/NA
1,1-Dichloroethane	0.00681		0.00100	0.000244	mg/L	1		8260C	Total/NA
Tetrachloroethene	0.0197		0.00100	0.000500	mg/L	1		8260C	Total/NA

Client Sample ID: Artesia-MW31-042821 — Lab Sample ID: 860-2789-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.00116		0.00100	0.000244	mg/L	1		8260C	Total/NA

Client Sample ID: Artesia-MW32-042821 — Lab Sample ID: 860-2789-15

No Detections.

Client Sample ID: Artesia-MW34-042821 — Lab Sample ID: 860-2789-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.000973	J	0.00100	0.000244	mg/L	1		8260C	Total/NA
Tetrachloroethene	0.000544	J	0.00100	0.000500	mg/L	1		8260C	Total/NA

Client Sample ID: Artesia-MW35-042821 — Lab Sample ID: 860-2789-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.0127		0.00100	0.000216	mg/L	1		8260C	Total/NA
Tetrachloroethene	0.0137		0.00100	0.000500	mg/L	1		8260C	Total/NA

Client Sample ID: Artesia-MW12-042821 — Lab Sample ID: 860-2789-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.000737	J	0.00100	0.000214	mg/L	1		8260C	Total/NA
1,1-Dichloroethane	0.0433		0.00100	0.000244	mg/L	1		8260C	Total/NA
Sulfate	2520		10.0	2.18	mg/L	20		300.0	Total/NA

Client Sample ID: Artesia-MW11-042821 — Lab Sample ID: 860-2789-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.00360		0.00100	0.000244	mg/L	1		8260C	Total/NA
Sulfate	2930		10.0	2.18	mg/L	20		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-2789-1

Client Sample ID: Artesia-MD11-042821 — Lab Sample ID: 860-2789-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.00402		0.00100	0.000244	mg/L	1		8260C	Total/NA
Sulfate	3010		10.0	2.18	mg/L	20		300.0	Total/NA

Client Sample ID: Artesia-MW36-042821 — Lab Sample ID: 860-2789-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.00131		0.00100	0.000214	mg/L	1		8260C	Total/NA
1,1-Dichloroethane	0.0174		0.00100	0.000244	mg/L	1		8260C	Total/NA
Tetrachloroethene	0.00645		0.00100	0.000500	mg/L	1		8260C	Total/NA
Sulfate	2220		10.0	2.18	mg/L	20		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-2789-1

Client Sample ID: Artesia-TB01-042821
Lab Sample ID: 860-2789-1
Date Collected: 04/28/21 07:00
Matrix: Water
Date Received: 04/29/21 10:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.000216	U	0.00100	0.000216	mg/L			05/01/21 13:12	1
Benzene	0.000214	U	0.00100	0.000214	mg/L			05/01/21 13:12	1
1,1-Dichloroethane	0.000244	U	0.00100	0.000244	mg/L			05/01/21 13:12	1
Tetrachloroethene	0.000500	U	0.00100	0.000500	mg/L			05/01/21 13:12	1
Naphthalene	0.00200	U	0.0100	0.00200	mg/L			05/01/21 13:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*74 - 124*		*05/01/21 13:12*	*1*
Dibromofluoromethane (Surr)	*114*		*75 - 131*		*05/01/21 13:12*	*1*
1,2-Dichloroethane-d4 (Surr)	*116*		*63 - 144*		*05/01/21 13:12*	*1*
Toluene-d8 (Surr)	*103*		*80 - 117*		*05/01/21 13:12*	*1*

Client Sample ID: Artesia-Outlet-042821
Lab Sample ID: 860-2789-2
Date Collected: 04/28/21 08:35
Matrix: Water
Date Received: 04/29/21 10:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.000216	U	0.00100	0.000216	mg/L			05/01/21 13:27	1
Benzene	0.000214	U	0.00100	0.000214	mg/L			05/01/21 13:27	1
1,1-Dichloroethane	**0.00155**		0.00100	0.000244	mg/L			05/01/21 13:27	1
Tetrachloroethene	0.000500	U	0.00100	0.000500	mg/L			05/01/21 13:27	1
Naphthalene	0.00200	U	0.0100	0.00200	mg/L			05/01/21 13:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*74 - 124*		*05/01/21 13:27*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 131*		*05/01/21 13:27*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*63 - 144*		*05/01/21 13:27*	*1*
Toluene-d8 (Surr)	*99*		*80 - 117*		*05/01/21 13:27*	*1*

Client Sample ID: Artesia-MID-042821
Lab Sample ID: 860-2789-3
Date Collected: 04/28/21 08:40
Matrix: Water
Date Received: 04/29/21 10:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	**0.00649**		0.00100	0.000216	mg/L			05/01/21 13:46	1
Benzene	0.000214	U	0.00100	0.000214	mg/L			05/01/21 13:46	1
1,1-Dichloroethane	**0.00316**		0.00100	0.000244	mg/L			05/01/21 13:46	1
Tetrachloroethene	0.000500	U	0.00100	0.000500	mg/L			05/01/21 13:46	1
Naphthalene	0.00200	U	0.0100	0.00200	mg/L			05/01/21 13:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*74 - 124*		*05/01/21 13:46*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 131*		*05/01/21 13:46*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*63 - 144*		*05/01/21 13:46*	*1*
Toluene-d8 (Surr)	*101*		*80 - 117*		*05/01/21 13:46*	*1*

Client Sample Results

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-2789-1

Client Sample ID: Artesia-Inlet-042821
Lab Sample ID: 860-2789-4
Date Collected: 04/28/21 08:45
Matrix: Water
Date Received: 04/29/21 10:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	**0.00787**		0.00100	0.000216	mg/L			05/01/21 14:05	1
Benzene	0.000214	U	0.00100	0.000214	mg/L			05/01/21 14:05	1
1,1-Dichloroethane	**0.00235**		0.00100	0.000244	mg/L			05/01/21 14:05	1
Tetrachloroethene	**0.00849**		0.00100	0.000500	mg/L			05/01/21 14:05	1
Naphthalene	0.00200	U	0.0100	0.00200	mg/L			05/01/21 14:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*74 - 124*		*05/01/21 14:05*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 131*		*05/01/21 14:05*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*63 - 144*		*05/01/21 14:05*	*1*
Toluene-d8 (Surr)	*100*		*80 - 117*		*05/01/21 14:05*	*1*

Client Sample ID: Artesia-MW30-042821
Lab Sample ID: 860-2789-5
Date Collected: 04/28/21 09:00
Matrix: Water
Date Received: 04/29/21 10:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	**0.00178**		0.00100	0.000216	mg/L			05/01/21 14:24	1
Benzene	0.000214	U	0.00100	0.000214	mg/L			05/01/21 14:24	1
1,1-Dichloroethane	**0.00102**		0.00100	0.000244	mg/L			05/01/21 14:24	1
Tetrachloroethene	**0.00266**		0.00100	0.000500	mg/L			05/01/21 14:24	1
Naphthalene	0.00200	U	0.0100	0.00200	mg/L			05/01/21 14:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*74 - 124*		*05/01/21 14:24*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 131*		*05/01/21 14:24*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*63 - 144*		*05/01/21 14:24*	*1*
Toluene-d8 (Surr)	*99*		*80 - 117*		*05/01/21 14:24*	*1*

Client Sample ID: Artesia-MD30-042821
Lab Sample ID: 860-2789-6
Date Collected: 04/28/21 09:05
Matrix: Water
Date Received: 04/29/21 10:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	**0.00205**		0.00100	0.000216	mg/L			05/01/21 14:43	1
Benzene	0.000214	U	0.00100	0.000214	mg/L			05/01/21 14:43	1
1,1-Dichloroethane	**0.00107**		0.00100	0.000244	mg/L			05/01/21 14:43	1
Tetrachloroethene	**0.00311**		0.00100	0.000500	mg/L			05/01/21 14:43	1
Naphthalene	0.00200	U	0.0100	0.00200	mg/L			05/01/21 14:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*74 - 124*		*05/01/21 14:43*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 131*		*05/01/21 14:43*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*63 - 144*		*05/01/21 14:43*	*1*
Toluene-d8 (Surr)	*100*		*80 - 117*		*05/01/21 14:43*	*1*

Client Sample Results

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-2789-1

Client Sample ID: Artesia-MW37-042821
Lab Sample ID: 860-2789-7
Date Collected: 04/28/21 10:25
Matrix: Water
Date Received: 04/29/21 10:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.00347		0.00100	0.000216	mg/L			05/01/21 15:02	1
Benzene	0.00253		0.00100	0.000214	mg/L			05/01/21 15:02	1
1,1-Dichloroethane	0.0288		0.00100	0.000244	mg/L			05/01/21 15:02	1
Tetrachloroethene	0.00393		0.00100	0.000500	mg/L			05/01/21 15:02	1
Naphthalene	0.00200	U	0.0100	0.00200	mg/L			05/01/21 15:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*74 - 124*		*05/01/21 15:02*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 131*		*05/01/21 15:02*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*63 - 144*		*05/01/21 15:02*	*1*
Toluene-d8 (Surr)	*99*		*80 - 117*		*05/01/21 15:02*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	2680		10.0	2.18	mg/L			04/30/21 13:27	20

Client Sample ID: Artesia-MW38-042821
Lab Sample ID: 860-2789-8
Date Collected: 04/28/21 11:20
Matrix: Water
Date Received: 04/29/21 10:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.00336		0.00100	0.000216	mg/L			05/01/21 15:21	1
Benzene	0.00140		0.00100	0.000214	mg/L			05/01/21 15:21	1
1,1-Dichloroethane	0.114		0.00100	0.000244	mg/L			05/01/21 15:21	1
Tetrachloroethene	0.00456		0.00100	0.000500	mg/L			05/01/21 15:21	1
Naphthalene	0.00200	U	0.0100	0.00200	mg/L			05/01/21 15:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*74 - 124*		*05/01/21 15:21*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 131*		*05/01/21 15:21*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*63 - 144*		*05/01/21 15:21*	*1*
Toluene-d8 (Surr)	*101*		*80 - 117*		*05/01/21 15:21*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	2410		5.00	1.09	mg/L			04/30/21 12:50	10

Client Sample ID: Artesia-MW17C-042821
Lab Sample ID: 860-2789-9
Date Collected: 04/28/21 12:15
Matrix: Water
Date Received: 04/29/21 10:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.000216	U	0.00100	0.000216	mg/L			05/01/21 15:40	1
Benzene	0.000214	U	0.00100	0.000214	mg/L			05/01/21 15:40	1
1,1-Dichloroethane	0.000244	U	0.00100	0.000244	mg/L			05/01/21 15:40	1
Tetrachloroethene	0.000500	U	0.00100	0.000500	mg/L			05/01/21 15:40	1
Naphthalene	0.00200	U	0.0100	0.00200	mg/L			05/01/21 15:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*74 - 124*		*05/01/21 15:40*	*1*

Client Sample Results

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-2789-1

Client Sample ID: Artesia-MW17C-042821
Lab Sample ID: 860-2789-9
Date Collected: 04/28/21 12:15
Matrix: Water
Date Received: 04/29/21 10:30

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*99*		*75 - 131*		*05/01/21 15:40*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*63 - 144*		*05/01/21 15:40*	*1*
Toluene-d8 (Surr)	*98*		*80 - 117*		*05/01/21 15:40*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**2280**		10.0	2.18	mg/L			04/30/21 15:29	20

Client Sample ID: Artesia-MW22-042821
Lab Sample ID: 860-2789-10
Date Collected: 04/28/21 11:35
Matrix: Water
Date Received: 04/29/21 10:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.000216	U	0.00100	0.000216	mg/L			05/01/21 15:59	1
Benzene	0.000214	U	0.00100	0.000214	mg/L			05/01/21 15:59	1
1,1-Dichloroethane	0.000244	U	0.00100	0.000244	mg/L			05/01/21 15:59	1
Tetrachloroethene	0.000500	U	0.00100	0.000500	mg/L			05/01/21 15:59	1
Naphthalene	0.00200	U	0.0100	0.00200	mg/L			05/01/21 15:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*74 - 124*		*05/01/21 15:59*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 131*		*05/01/21 15:59*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*63 - 144*		*05/01/21 15:59*	*1*
Toluene-d8 (Surr)	*102*		*80 - 117*		*05/01/21 15:59*	*1*

Client Sample ID: Artesia-MW25-042821
Lab Sample ID: 860-2789-11
Date Collected: 04/28/21 12:15
Matrix: Water
Date Received: 04/29/21 10:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	**0.000528**	**J**	0.00100	0.000216	mg/L			05/01/21 16:18	1
Benzene	0.000214	U	0.00100	0.000214	mg/L			05/01/21 16:18	1
1,1-Dichloroethane	**0.000771**	**J**	0.00100	0.000244	mg/L			05/01/21 16:18	1
Tetrachloroethene	0.000500	U	0.00100	0.000500	mg/L			05/01/21 16:18	1
Naphthalene	0.00200	U	0.0100	0.00200	mg/L			05/01/21 16:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*74 - 124*		*05/01/21 16:18*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 131*		*05/01/21 16:18*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*63 - 144*		*05/01/21 16:18*	*1*
Toluene-d8 (Surr)	*101*		*80 - 117*		*05/01/21 16:18*	*1*

Client Sample ID: Artesia-MW28-042821
Lab Sample ID: 860-2789-12
Date Collected: 04/28/21 10:05
Matrix: Water
Date Received: 04/29/21 10:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	**0.00506**		0.00100	0.000216	mg/L			05/01/21 16:37	1

Client Sample Results

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-2789-1

Client Sample ID: Artesia-MW28-042821

Lab Sample ID: 860-2789-12
Matrix: Water
Date Collected: 04/28/21 10:05
Date Received: 04/29/21 10:30

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.000214	U	0.00100	0.000214	mg/L			05/01/21 16:37	1
1,1-Dichloroethane	**0.00306**		0.00100	0.000244	mg/L			05/01/21 16:37	1
Tetrachloroethene	**0.00649**		0.00100	0.000500	mg/L			05/01/21 16:37	1
Naphthalene	0.00200	U	0.0100	0.00200	mg/L			05/01/21 16:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*74 - 124*		*05/01/21 16:37*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 131*		*05/01/21 16:37*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*63 - 144*		*05/01/21 16:37*	*1*
Toluene-d8 (Surr)	*100*		*80 - 117*		*05/01/21 16:37*	*1*

Client Sample ID: Artesia-MW29-042821

Lab Sample ID: 860-2789-13
Matrix: Water
Date Collected: 04/28/21 09:30
Date Received: 04/29/21 10:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	**0.0130**		0.00100	0.000216	mg/L			05/01/21 16:56	1
Benzene	0.000214	U	0.00100	0.000214	mg/L			05/01/21 16:56	1
1,1-Dichloroethane	**0.00681**		0.00100	0.000244	mg/L			05/01/21 16:56	1
Tetrachloroethene	**0.0197**		0.00100	0.000500	mg/L			05/01/21 16:56	1
Naphthalene	0.00200	U	0.0100	0.00200	mg/L			05/01/21 16:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*74 - 124*		*05/01/21 16:56*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 131*		*05/01/21 16:56*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*63 - 144*		*05/01/21 16:56*	*1*
Toluene-d8 (Surr)	*99*		*80 - 117*		*05/01/21 16:56*	*1*

Client Sample ID: Artesia-MW31-042821

Lab Sample ID: 860-2789-14
Matrix: Water
Date Collected: 04/28/21 11:20
Date Received: 04/29/21 10:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.000216	U	0.00100	0.000216	mg/L			05/01/21 17:15	1
Benzene	0.000214	U	0.00100	0.000214	mg/L			05/01/21 17:15	1
1,1-Dichloroethane	**0.00116**		0.00100	0.000244	mg/L			05/01/21 17:15	1
Tetrachloroethene	0.000500	U	0.00100	0.000500	mg/L			05/01/21 17:15	1
Naphthalene	0.00200	U	0.0100	0.00200	mg/L			05/01/21 17:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*74 - 124*		*05/01/21 17:15*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 131*		*05/01/21 17:15*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*63 - 144*		*05/01/21 17:15*	*1*
Toluene-d8 (Surr)	*101*		*80 - 117*		*05/01/21 17:15*	*1*

Client Sample Results

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-2789-1

Client Sample ID: Artesia-MW32-042821
Lab Sample ID: 860-2789-15
Date Collected: 04/28/21 12:00
Matrix: Water
Date Received: 04/29/21 10:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.000216	U	0.00100	0.000216	mg/L			05/01/21 17:34	1
Benzene	0.000214	U	0.00100	0.000214	mg/L			05/01/21 17:34	1
1,1-Dichloroethane	0.000244	U	0.00100	0.000244	mg/L			05/01/21 17:34	1
Tetrachloroethene	0.000500	U	0.00100	0.000500	mg/L			05/01/21 17:34	1
Naphthalene	0.00200	U	0.0100	0.00200	mg/L			05/01/21 17:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*74 - 124*		*05/01/21 17:34*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 131*		*05/01/21 17:34*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*63 - 144*		*05/01/21 17:34*	*1*
Toluene-d8 (Surr)	*99*		*80 - 117*		*05/01/21 17:34*	*1*

Client Sample ID: Artesia-MW34-042821
Lab Sample ID: 860-2789-16
Date Collected: 04/28/21 10:30
Matrix: Water
Date Received: 04/29/21 10:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.000216	U	0.00100	0.000216	mg/L			05/01/21 17:53	1
Benzene	0.000214	U	0.00100	0.000214	mg/L			05/01/21 17:53	1
1,1-Dichloroethane	**0.000973**	**J**	0.00100	0.000244	mg/L			05/01/21 17:53	1
Tetrachloroethene	**0.000544**	**J**	0.00100	0.000500	mg/L			05/01/21 17:53	1
Naphthalene	0.00200	U	0.0100	0.00200	mg/L			05/01/21 17:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*74 - 124*		*05/01/21 17:53*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 131*		*05/01/21 17:53*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*63 - 144*		*05/01/21 17:53*	*1*
Toluene-d8 (Surr)	*100*		*80 - 117*		*05/01/21 17:53*	*1*

Client Sample ID: Artesia-MW35-042821
Lab Sample ID: 860-2789-17
Date Collected: 04/28/21 09:45
Matrix: Water
Date Received: 04/29/21 10:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	**0.0127**		0.00100	0.000216	mg/L			05/01/21 18:12	1
Tetrachloroethene	**0.0137**		0.00100	0.000500	mg/L			05/01/21 18:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*74 - 124*		*05/01/21 18:12*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 131*		*05/01/21 18:12*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*63 - 144*		*05/01/21 18:12*	*1*
Toluene-d8 (Surr)	*100*		*80 - 117*		*05/01/21 18:12*	*1*

Client Sample ID: Artesia-MW12-042821
Lab Sample ID: 860-2789-18
Date Collected: 04/28/21 13:10
Matrix: Water
Date Received: 04/29/21 10:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.000216	U	0.00100	0.000216	mg/L			05/01/21 18:11	1

Client Sample Results

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-2789-1

Client Sample ID: Artesia-MW12-042821
Lab Sample ID: 860-2789-18
Date Collected: 04/28/21 13:10
Matrix: Water
Date Received: 04/29/21 10:30

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.000737**	**J**	0.00100	0.000214	mg/L			05/01/21 18:11	1
1,1-Dichloroethane	**0.0433**		0.00100	0.000244	mg/L			05/01/21 18:11	1
Tetrachloroethene	0.000500	U	0.00100	0.000500	mg/L			05/01/21 18:11	1
Naphthalene	0.00200	U	0.0100	0.00200	mg/L			05/01/21 18:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*74 - 124*		*05/01/21 18:11*	*1*
Dibromofluoromethane (Surr)	*114*		*75 - 131*		*05/01/21 18:11*	*1*
1,2-Dichloroethane-d4 (Surr)	*122*		*63 - 144*		*05/01/21 18:11*	*1*
Toluene-d8 (Surr)	*105*		*80 - 117*		*05/01/21 18:11*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**2520**		10.0	2.18	mg/L			04/30/21 15:41	20

Client Sample ID: Artesia-MW11-042821
Lab Sample ID: 860-2789-19
Date Collected: 04/28/21 14:15
Matrix: Water
Date Received: 04/29/21 10:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.000216	U	0.00100	0.000216	mg/L			05/02/21 00:47	1
Benzene	0.000214	U	0.00100	0.000214	mg/L			05/02/21 00:47	1
1,1-Dichloroethane	**0.00360**		0.00100	0.000244	mg/L			05/02/21 00:47	1
Tetrachloroethene	0.000500	U	0.00100	0.000500	mg/L			05/02/21 00:47	1
Naphthalene	0.00200	U	0.0100	0.00200	mg/L			05/02/21 00:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*74 - 124*		*05/02/21 00:47*	*1*
Dibromofluoromethane (Surr)	*113*		*75 - 131*		*05/02/21 00:47*	*1*
1,2-Dichloroethane-d4 (Surr)	*121*		*63 - 144*		*05/02/21 00:47*	*1*
Toluene-d8 (Surr)	*107*		*80 - 117*		*05/02/21 00:47*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**2930**		10.0	2.18	mg/L			04/30/21 15:53	20

Client Sample ID: Artesia-MD11-042821
Lab Sample ID: 860-2789-20
Date Collected: 04/28/21 14:20
Matrix: Water
Date Received: 04/29/21 10:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.000216	U	0.00100	0.000216	mg/L			05/02/21 01:06	1
Benzene	0.000214	U	0.00100	0.000214	mg/L			05/02/21 01:06	1
1,1-Dichloroethane	**0.00402**		0.00100	0.000244	mg/L			05/02/21 01:06	1
Tetrachloroethene	0.000500	U	0.00100	0.000500	mg/L			05/02/21 01:06	1
Naphthalene	0.00200	U	0.0100	0.00200	mg/L			05/02/21 01:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*74 - 124*		*05/02/21 01:06*	*1*
Dibromofluoromethane (Surr)	*113*		*75 - 131*		*05/02/21 01:06*	*1*

Client Sample Results

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-2789-1

Client Sample ID: Artesia-MD11-042821

Lab Sample ID: 860-2789-20
Matrix: Water
Date Collected: 04/28/21 14:20
Date Received: 04/29/21 10:30

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*118*		*63 - 144*		*05/02/21 01:06*	*1*
Toluene-d8 (Surr)	*106*		*80 - 117*		*05/02/21 01:06*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**3010**		10.0	2.18	mg/L			04/30/21 16:05	20

Client Sample ID: Artesia-MW36-042821

Lab Sample ID: 860-2789-21
Matrix: Water
Date Collected: 04/28/21 14:15
Date Received: 04/29/21 10:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.000216	U	0.00100	0.000216	mg/L			05/01/21 14:11	1
Benzene	**0.00131**		0.00100	0.000214	mg/L			05/01/21 14:11	1
1,1-Dichloroethane	**0.0174**		0.00100	0.000244	mg/L			05/01/21 14:11	1
Tetrachloroethene	**0.00645**		0.00100	0.000500	mg/L			05/01/21 14:11	1
Naphthalene	0.00200	U	0.0100	0.00200	mg/L			05/01/21 14:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*74 - 124*		*05/01/21 14:11*	*1*
Dibromofluoromethane (Surr)	*116*		*75 - 131*		*05/01/21 14:11*	*1*
1,2-Dichloroethane-d4 (Surr)	*120*		*63 - 144*		*05/01/21 14:11*	*1*
Toluene-d8 (Surr)	*105*		*80 - 117*		*05/01/21 14:11*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**2220**		10.0	2.18	mg/L			04/30/21 14:28	20

Default Detection Limits

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-2789-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	RL	MDL	Units
1,1-Dichloroethane	0.00100	0.000244	mg/L
1,1-Dichloroethene	0.00100	0.000216	mg/L
Benzene	0.00100	0.000214	mg/L
Naphthalene	0.0100	0.00200	mg/L
Tetrachloroethene	0.00100	0.000500	mg/L

Method: 300.0 - Anions, Ion Chromatography

Analyte	RL	MDL	Units
Sulfate	0.500	0.109	mg/L

Surrogate Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-2789-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	DCA	TOL
Lab Sample ID	Client Sample ID	(74-124)	(75-131)	(63-144)	(80-117)
860-2789-1	Artesia-TB01-042821	110	114	116	103
860-2789-2	Artesia-Outlet-042821	101	98	100	99
860-2789-3	Artesia-MID-042821	99	100	101	101
860-2789-4	Artesia-Inlet-042821	100	99	100	100
860-2789-5	Artesia-MW30-042821	98	99	100	99
860-2789-6	Artesia-MD30-042821	101	98	101	100
860-2789-7	Artesia-MW37-042821	101	99	102	99
860-2789-8	Artesia-MW38-042821	101	99	100	101
860-2789-9	Artesia-MW17C-042821	97	99	101	98
860-2789-10	Artesia-MW22-042821	101	99	101	102
860-2789-11	Artesia-MW25-042821	102	98	101	101
860-2789-12	Artesia-MW28-042821	99	100	101	100
860-2789-13	Artesia-MW29-042821	100	98	102	99
860-2789-14	Artesia-MW31-042821	101	99	102	101
860-2789-15	Artesia-MW32-042821	99	99	101	99
860-2789-16	Artesia-MW34-042821	100	99	102	100
860-2789-17	Artesia-MW35-042821	99	100	102	100
860-2789-18	Artesia-MW12-042821	108	114	122	105
860-2789-19	Artesia-MW11-042821	108	113	121	107
860-2789-20	Artesia-MD11-042821	111	113	118	106
860-2789-21	Artesia-MW36-042821	102	116	120	105
860-2789-21 MS	Artesia-MW36-042821	97	107	107	100
860-2789-21 MSD	Artesia-MW36-042821	95	107	104	99
LCS 860-6026/3	Lab Control Sample	94	109	109	101
LCS 860-6027/3	Lab Control Sample	100	100	99	99
LCS 860-6039/3	Lab Control Sample	95	111	109	99
LCSD 860-6026/4	Lab Control Sample Dup	94	108	104	100
LCSD 860-6027/4	Lab Control Sample Dup	98	99	98	100
LCSD 860-6039/4	Lab Control Sample Dup	96	111	105	98
MB 860-6026/10	Method Blank	110	111	118	106
MB 860-6027/9	Method Blank	99	97	101	101
MB 860-6039/10	Method Blank	109	115	121	105

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

QC Sample Results

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-2789-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 860-6026/10
Matrix: Water
Analysis Batch: 6026

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.000216	U	0.00100	0.000216	mg/L			05/01/21 12:52	1
Benzene	0.000214	U	0.00100	0.000214	mg/L			05/01/21 12:52	1
1,1-Dichloroethane	0.000244	U	0.00100	0.000244	mg/L			05/01/21 12:52	1
Tetrachloroethene	0.000500	U	0.00100	0.000500	mg/L			05/01/21 12:52	1
Naphthalene	0.00200	U	0.0100	0.00200	mg/L			05/01/21 12:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*74 - 124*		*05/01/21 12:52*	*1*
Dibromofluoromethane (Surr)	*111*		*75 - 131*		*05/01/21 12:52*	*1*
1,2-Dichloroethane-d4 (Surr)	*118*		*63 - 144*		*05/01/21 12:52*	*1*
Toluene-d8 (Surr)	*106*		*80 - 117*		*05/01/21 12:52*	*1*

Lab Sample ID: LCS 860-6026/3
Matrix: Water
Analysis Batch: 6026

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,1-Dichloroethene			0.0500	0.04753		mg/L		95	59 - 172		
Benzene			0.0500	0.05091		mg/L		102	66 - 142		
1,1-Dichloroethane			0.0500	0.05044		mg/L		101	72 - 125		
Tetrachloroethene			0.0500	0.04672		mg/L		93	71 - 125		
Naphthalene			0.0500	0.04958		mg/L		99	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*94*		*74 - 124*
Dibromofluoromethane (Surr)	*109*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*109*		*63 - 144*
Toluene-d8 (Surr)	*101*		*80 - 117*

Lab Sample ID: LCSD 860-6026/4
Matrix: Water
Analysis Batch: 6026

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethene			0.0500	0.05040		mg/L		101	59 - 172	6	25
Benzene			0.0500	0.05080		mg/L		102	66 - 142	0	25
1,1-Dichloroethane			0.0500	0.05023		mg/L		100	72 - 125	0	25
Tetrachloroethene			0.0500	0.04886		mg/L		98	71 - 125	4	25
Naphthalene			0.0500	0.05065		mg/L		101	70 - 130	2	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*94*		*74 - 124*
Dibromofluoromethane (Surr)	*108*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*104*		*63 - 144*
Toluene-d8 (Surr)	*100*		*80 - 117*

QC Sample Results

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-2789-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-2789-21 MS
Matrix: Water
Analysis Batch: 6026

Client Sample ID: Artesia-MW36-042821
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	0.000216	U	0.0500	0.05423		mg/L		108	59 - 172
Benzene	0.00131		0.0500	0.05453		mg/L		106	66 - 142
1,1-Dichloroethane	0.0174		0.0500	0.07098		mg/L		107	72 - 125
Tetrachloroethene	0.00645		0.0500	0.05690		mg/L		101	71 - 125
Naphthalene	0.00200	U	0.0500	0.05410		mg/L		108	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*74 - 124*
Dibromofluoromethane (Surr)	*107*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*107*		*63 - 144*
Toluene-d8 (Surr)	*100*		*80 - 117*

Lab Sample ID: 860-2789-21 MSD
Matrix: Water
Analysis Batch: 6026

Client Sample ID: Artesia-MW36-042821
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethene	0.000216	U	0.0500	0.05408		mg/L		108	59 - 172	0	25
Benzene	0.00131		0.0500	0.05697		mg/L		111	66 - 142	4	25
1,1-Dichloroethane	0.0174		0.0500	0.06996		mg/L		105	72 - 125	1	25
Tetrachloroethene	0.00645		0.0500	0.06054		mg/L		108	71 - 125	6	25
Naphthalene	0.00200	U	0.0500	0.06228		mg/L		125	70 - 130	14	25

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*74 - 124*
Dibromofluoromethane (Surr)	*107*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*104*		*63 - 144*
Toluene-d8 (Surr)	*99*		*80 - 117*

Lab Sample ID: MB 860-6027/9
Matrix: Water
Analysis Batch: 6027

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.000216	U	0.00100	0.000216	mg/L			05/01/21 12:05	1
Benzene	0.000214	U	0.00100	0.000214	mg/L			05/01/21 12:05	1
1,1-Dichloroethane	0.000244	U	0.00100	0.000244	mg/L			05/01/21 12:05	1
Tetrachloroethene	0.000500	U	0.00100	0.000500	mg/L			05/01/21 12:05	1
Naphthalene	0.00200	U	0.0100	0.00200	mg/L			05/01/21 12:05	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*74 - 124*		*05/01/21 12:05*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 131*		*05/01/21 12:05*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*63 - 144*		*05/01/21 12:05*	*1*
Toluene-d8 (Surr)	*101*		*80 - 117*		*05/01/21 12:05*	*1*

QC Sample Results

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-2789-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-6027/3
Matrix: Water
Analysis Batch: 6027

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,1-Dichloroethene			0.0500	0.05355		mg/L		107	59 - 172		
Benzene			0.0500	0.05031		mg/L		101	66 - 142		
1,1-Dichloroethane			0.0500	0.05059		mg/L		101	72 - 125		
Tetrachloroethene			0.0500	0.05338		mg/L		107	71 - 125		
Naphthalene			0.0500	0.05315		mg/L		106	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*74 - 124*
Dibromofluoromethane (Surr)	*100*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*99*		*63 - 144*
Toluene-d8 (Surr)	*99*		*80 - 117*

Lab Sample ID: LCSD 860-6027/4
Matrix: Water
Analysis Batch: 6027

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethene			0.0500	0.05070		mg/L		101	59 - 172	5	25
Benzene			0.0500	0.04829		mg/L		97	66 - 142	4	25
1,1-Dichloroethane			0.0500	0.04865		mg/L		97	72 - 125	4	25
Tetrachloroethene			0.0500	0.05228		mg/L		105	71 - 125	2	25
Naphthalene			0.0500	0.05393		mg/L		108	70 - 130	1	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*74 - 124*
Dibromofluoromethane (Surr)	*99*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*98*		*63 - 144*
Toluene-d8 (Surr)	*100*		*80 - 117*

Lab Sample ID: MB 860-6039/10
Matrix: Water
Analysis Batch: 6039

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.000216	U	0.00100	0.000216	mg/L			05/01/21 23:47	1
Benzene	0.000214	U	0.00100	0.000214	mg/L			05/01/21 23:47	1
1,1-Dichloroethane	0.000244	U	0.00100	0.000244	mg/L			05/01/21 23:47	1
Tetrachloroethene	0.000500	U	0.00100	0.000500	mg/L			05/01/21 23:47	1
Naphthalene	0.00200	U	0.0100	0.00200	mg/L			05/01/21 23:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*74 - 124*		*05/01/21 23:47*	*1*
Dibromofluoromethane (Surr)	*115*		*75 - 131*		*05/01/21 23:47*	*1*
1,2-Dichloroethane-d4 (Surr)	*121*		*63 - 144*		*05/01/21 23:47*	*1*
Toluene-d8 (Surr)	*105*		*80 - 117*		*05/01/21 23:47*	*1*

QC Sample Results

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-2789-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-6039/3
Matrix: Water
Analysis Batch: 6039

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,1-Dichloroethene			0.0500	0.05076		mg/L		102	59 - 172		
Benzene			0.0500	0.05468		mg/L		109	66 - 142		
1,1-Dichloroethane			0.0500	0.05710		mg/L		114	72 - 125		
Tetrachloroethene			0.0500	0.04798		mg/L		96	71 - 125		
Naphthalene			0.0500	0.05414		mg/L		108	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*74 - 124*
Dibromofluoromethane (Surr)	*111*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*109*		*63 - 144*
Toluene-d8 (Surr)	*99*		*80 - 117*

Lab Sample ID: LCSD 860-6039/4
Matrix: Water
Analysis Batch: 6039

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethene			0.0500	0.05343		mg/L		107	59 - 172	5	25
Benzene			0.0500	0.05637		mg/L		113	66 - 142	3	25
1,1-Dichloroethane			0.0500	0.05798		mg/L		116	72 - 125	2	25
Tetrachloroethene			0.0500	0.04940		mg/L		99	71 - 125	3	25
Naphthalene			0.0500	0.05763		mg/L		115	70 - 130	6	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*74 - 124*
Dibromofluoromethane (Surr)	*111*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*105*		*63 - 144*
Toluene-d8 (Surr)	*98*		*80 - 117*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-5842/3
Matrix: Water
Analysis Batch: 5842

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	0.109	U	0.500	0.109	mg/L			04/30/21 09:00	1

Lab Sample ID: MB 860-5842/41
Matrix: Water
Analysis Batch: 5842

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	0.109	U	0.500	0.109	mg/L			04/30/21 16:45	1

QC Sample Results

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-2789-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 860-5842/4
Matrix: Water
Analysis Batch: 5842

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfate	10.0	10.09		mg/L		101	90 - 110

Lab Sample ID: LCS 860-5842/42
Matrix: Water
Analysis Batch: 5842

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfate	10.0	10.14		mg/L		101	90 - 110

Lab Sample ID: LCSD 860-5842/43
Matrix: Water
Analysis Batch: 5842

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfate	10.0	10.11		mg/L		101	90 - 110	0	20

Lab Sample ID: LCSD 860-5842/5
Matrix: Water
Analysis Batch: 5842

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfate	10.0	10.11		mg/L		101	90 - 110	0	20

QC Association Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-2789-1

GC/MS VOA

Analysis Batch: 6026

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-2789-1	Artesia-TB01-042821	Total/NA	Water	8260C	
860-2789-18	Artesia-MW12-042821	Total/NA	Water	8260C	
860-2789-21	Artesia-MW36-042821	Total/NA	Water	8260C	
MB 860-6026/10	Method Blank	Total/NA	Water	8260C	
LCS 860-6026/3	Lab Control Sample	Total/NA	Water	8260C	
LCSD 860-6026/4	Lab Control Sample Dup	Total/NA	Water	8260C	
860-2789-21 MS	Artesia-MW36-042821	Total/NA	Water	8260C	
860-2789-21 MSD	Artesia-MW36-042821	Total/NA	Water	8260C	

Analysis Batch: 6027

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-2789-2	Artesia-Outlet-042821	Total/NA	Water	8260C	
860-2789-3	Artesia-MID-042821	Total/NA	Water	8260C	
860-2789-4	Artesia-Inlet-042821	Total/NA	Water	8260C	
860-2789-5	Artesia-MW30-042821	Total/NA	Water	8260C	
860-2789-6	Artesia-MD30-042821	Total/NA	Water	8260C	
860-2789-7	Artesia-MW37-042821	Total/NA	Water	8260C	
860-2789-8	Artesia-MW38-042821	Total/NA	Water	8260C	
860-2789-9	Artesia-MW17C-042821	Total/NA	Water	8260C	
860-2789-10	Artesia-MW22-042821	Total/NA	Water	8260C	
860-2789-11	Artesia-MW25-042821	Total/NA	Water	8260C	
860-2789-12	Artesia-MW28-042821	Total/NA	Water	8260C	
860-2789-13	Artesia-MW29-042821	Total/NA	Water	8260C	
860-2789-14	Artesia-MW31-042821	Total/NA	Water	8260C	
860-2789-15	Artesia-MW32-042821	Total/NA	Water	8260C	
860-2789-16	Artesia-MW34-042821	Total/NA	Water	8260C	
860-2789-17	Artesia-MW35-042821	Total/NA	Water	8260C	
MB 860-6027/9	Method Blank	Total/NA	Water	8260C	
LCS 860-6027/3	Lab Control Sample	Total/NA	Water	8260C	
LCSD 860-6027/4	Lab Control Sample Dup	Total/NA	Water	8260C	

Analysis Batch: 6039

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-2789-19	Artesia-MW11-042821	Total/NA	Water	8260C	
860-2789-20	Artesia-MD11-042821	Total/NA	Water	8260C	
MB 860-6039/10	Method Blank	Total/NA	Water	8260C	
LCS 860-6039/3	Lab Control Sample	Total/NA	Water	8260C	
LCSD 860-6039/4	Lab Control Sample Dup	Total/NA	Water	8260C	

HPLC/IC

Analysis Batch: 5842

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-2789-7	Artesia-MW37-042821	Total/NA	Water	300.0	
860-2789-8	Artesia-MW38-042821	Total/NA	Water	300.0	
860-2789-9	Artesia-MW17C-042821	Total/NA	Water	300.0	
860-2789-18	Artesia-MW12-042821	Total/NA	Water	300.0	
860-2789-19	Artesia-MW11-042821	Total/NA	Water	300.0	
860-2789-20	Artesia-MD11-042821	Total/NA	Water	300.0	
860-2789-21	Artesia-MW36-042821	Total/NA	Water	300.0	
MB 860-5842/3	Method Blank	Total/NA	Water	300.0	

QC Association Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-2789-1

HPLC/IC (Continued)

Analysis Batch: 5842 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-5842/41	Method Blank	Total/NA	Water	300.0	
LCS 860-5842/4	Lab Control Sample	Total/NA	Water	300.0	
LCS 860-5842/42	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-5842/43	Lab Control Sample Dup	Total/NA	Water	300.0	
LCSD 860-5842/5	Lab Control Sample Dup	Total/NA	Water	300.0	

Lab Chronicle

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-2789-1

Client Sample ID: Artesia-TB01-042821
Lab Sample ID: 860-2789-1
Date Collected: 04/28/21 07:00
Matrix: Water
Date Received: 04/29/21 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	6026	05/01/21 13:12	T1S	XS

Client Sample ID: Artesia-Outlet-042821
Lab Sample ID: 860-2789-2
Date Collected: 04/28/21 08:35
Matrix: Water
Date Received: 04/29/21 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	6027	05/01/21 13:27	A1S	XS

Client Sample ID: Artesia-MID-042821
Lab Sample ID: 860-2789-3
Date Collected: 04/28/21 08:40
Matrix: Water
Date Received: 04/29/21 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	6027	05/01/21 13:46	A1S	XS

Client Sample ID: Artesia-Inlet-042821
Lab Sample ID: 860-2789-4
Date Collected: 04/28/21 08:45
Matrix: Water
Date Received: 04/29/21 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	6027	05/01/21 14:05	A1S	XS

Client Sample ID: Artesia-MW30-042821
Lab Sample ID: 860-2789-5
Date Collected: 04/28/21 09:00
Matrix: Water
Date Received: 04/29/21 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	6027	05/01/21 14:24	A1S	XS

Client Sample ID: Artesia-MD30-042821
Lab Sample ID: 860-2789-6
Date Collected: 04/28/21 09:05
Matrix: Water
Date Received: 04/29/21 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	6027	05/01/21 14:43	A1S	XS

Client Sample ID: Artesia-MW37-042821
Lab Sample ID: 860-2789-7
Date Collected: 04/28/21 10:25
Matrix: Water
Date Received: 04/29/21 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	6027	05/01/21 15:02	A1S	XS
Total/NA	Analysis	300.0		20	5842	04/30/21 13:27	W1N	XS

Lab Chronicle

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-2789-1

Client Sample ID: Artesia-MW38-042821
Lab Sample ID: 860-2789-8
Date Collected: 04/28/21 11:20
Matrix: Water
Date Received: 04/29/21 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	6027	05/01/21 15:21	A1S	XS
Total/NA	Analysis	300.0		10	5842	04/30/21 12:50	W1N	XS

Client Sample ID: Artesia-MW17C-042821
Lab Sample ID: 860-2789-9
Date Collected: 04/28/21 12:15
Matrix: Water
Date Received: 04/29/21 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	6027	05/01/21 15:40	A1S	XS
Total/NA	Analysis	300.0		20	5842	04/30/21 15:29	W1N	XS

Client Sample ID: Artesia-MW22-042821
Lab Sample ID: 860-2789-10
Date Collected: 04/28/21 11:35
Matrix: Water
Date Received: 04/29/21 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	6027	05/01/21 15:59	A1S	XS

Client Sample ID: Artesia-MW25-042821
Lab Sample ID: 860-2789-11
Date Collected: 04/28/21 12:15
Matrix: Water
Date Received: 04/29/21 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	6027	05/01/21 16:18	A1S	XS

Client Sample ID: Artesia-MW28-042821
Lab Sample ID: 860-2789-12
Date Collected: 04/28/21 10:05
Matrix: Water
Date Received: 04/29/21 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	6027	05/01/21 16:37	A1S	XS

Client Sample ID: Artesia-MW29-042821
Lab Sample ID: 860-2789-13
Date Collected: 04/28/21 09:30
Matrix: Water
Date Received: 04/29/21 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	6027	05/01/21 16:56	A1S	XS

Client Sample ID: Artesia-MW31-042821
Lab Sample ID: 860-2789-14
Date Collected: 04/28/21 11:20
Matrix: Water
Date Received: 04/29/21 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	6027	05/01/21 17:15	A1S	XS

Lab Chronicle

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-2789-1

Client Sample ID: Artesia-MW32-042821
Lab Sample ID: 860-2789-15
Date Collected: 04/28/21 12:00
Matrix: Water
Date Received: 04/29/21 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	6027	05/01/21 17:34	A1S	XS

Client Sample ID: Artesia-MW34-042821
Lab Sample ID: 860-2789-16
Date Collected: 04/28/21 10:30
Matrix: Water
Date Received: 04/29/21 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	6027	05/01/21 17:53	A1S	XS

Client Sample ID: Artesia-MW35-042821
Lab Sample ID: 860-2789-17
Date Collected: 04/28/21 09:45
Matrix: Water
Date Received: 04/29/21 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	6027	05/01/21 18:12	A1S	XS

Client Sample ID: Artesia-MW12-042821
Lab Sample ID: 860-2789-18
Date Collected: 04/28/21 13:10
Matrix: Water
Date Received: 04/29/21 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	6026	05/01/21 18:11	T1S	XS
Total/NA	Analysis	300.0		20	5842	04/30/21 15:41	W1N	XS

Client Sample ID: Artesia-MW11-042821
Lab Sample ID: 860-2789-19
Date Collected: 04/28/21 14:15
Matrix: Water
Date Received: 04/29/21 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	6039	05/02/21 00:47	A1S	XS
Total/NA	Analysis	300.0		20	5842	04/30/21 15:53	W1N	XS

Client Sample ID: Artesia-MD11-042821
Lab Sample ID: 860-2789-20
Date Collected: 04/28/21 14:20
Matrix: Water
Date Received: 04/29/21 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	6039	05/02/21 01:06	A1S	XS
Total/NA	Analysis	300.0		20	5842	04/30/21 16:05	W1N	XS

Client Sample ID: Artesia-MW36-042821
Lab Sample ID: 860-2789-21
Date Collected: 04/28/21 14:15
Matrix: Water
Date Received: 04/29/21 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	6026	05/01/21 14:11	T1S	XS

Lab Chronicle

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-2789-1

Client Sample ID: Artesia-MW36-042821

Date Collected: 04/28/21 14:15
Date Received: 04/29/21 10:30

Lab Sample ID: 860-2789-21

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		20	5842	04/30/21 14:28	W1N	XS

Laboratory References:

XS = Eurofins Xenco, Stafford, 4147 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Accreditation/Certification Summary

Client: Jacobs Engineering Group, Inc.
Job ID: 860-2789-1
Project/Site: Dowell - Artesia

Laboratory: Eurofins Xenco, Stafford

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	20-025-0	08-04-21
Florida	NELAP	E871002	06-30-21
Louisiana	NELAP	03054	06-30-21
North Carolina (WW/SW)	State	681	12-31-21
Oklahoma	State	1306	08-31-21
Texas	NELAP	T104704215-21-39	06-30-21

Method Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-2789-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	XS
300.0	Anions, Ion Chromatography	MCAWW	XS
5030C	Purge and Trap	SW846	XS

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

XS = Eurofins Xenco, Stafford, 4147 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Sample Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-2789-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
860-2789-1	Artesia-TB01-042821	Water	04/28/21 07:00	04/29/21 10:30	
860-2789-2	Artesia-Outlet-042821	Water	04/28/21 08:35	04/29/21 10:30	
860-2789-3	Artesia-MID-042821	Water	04/28/21 08:40	04/29/21 10:30	
860-2789-4	Artesia-Inlet-042821	Water	04/28/21 08:45	04/29/21 10:30	
860-2789-5	Artesia-MW30-042821	Water	04/28/21 09:00	04/29/21 10:30	
860-2789-6	Artesia-MD30-042821	Water	04/28/21 09:05	04/29/21 10:30	
860-2789-7	Artesia-MW37-042821	Water	04/28/21 10:25	04/29/21 10:30	
860-2789-8	Artesia-MW38-042821	Water	04/28/21 11:20	04/29/21 10:30	
860-2789-9	Artesia-MW17C-042821	Water	04/28/21 12:15	04/29/21 10:30	
860-2789-10	Artesia-MW22-042821	Water	04/28/21 11:35	04/29/21 10:30	
860-2789-11	Artesia-MW25-042821	Water	04/28/21 12:15	04/29/21 10:30	
860-2789-12	Artesia-MW28-042821	Water	04/28/21 10:05	04/29/21 10:30	
860-2789-13	Artesia-MW29-042821	Water	04/28/21 09:30	04/29/21 10:30	
860-2789-14	Artesia-MW31-042821	Water	04/28/21 11:20	04/29/21 10:30	
860-2789-15	Artesia-MW32-042821	Water	04/28/21 12:00	04/29/21 10:30	
860-2789-16	Artesia-MW34-042821	Water	04/28/21 10:30	04/29/21 10:30	
860-2789-17	Artesia-MW35-042821	Water	04/28/21 09:45	04/29/21 10:30	
860-2789-18	Artesia-MW12-042821	Water	04/28/21 13:10	04/29/21 10:30	
860-2789-19	Artesia-MW11-042821	Water	04/28/21 14:15	04/29/21 10:30	
860-2789-20	Artesia-MD11-042821	Water	04/28/21 14:20	04/29/21 10:30	
860-2789-21	Artesia-MW36-042821	Water	04/28/21 14:15	04/29/21 10:30	

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Instrument ID: A292 Analysis Batch Number: 5780

Lab Sample ID: IC 860-5780/2 Client Sample ID:

Date Analyzed: 04/29/21 19:40 Lab File ID: 860-0001243-034.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Dichlorodifluoromethane	1.06	Peak assignment corrected	alvesn	04/30/21 07:50
tert-Butyl alcohol	2.62	Peak assignment corrected	alvesn	04/30/21 07:51
Propane Nitrile (Propionitrile)	3.55	Peak assignment corrected	alvesn	04/30/21 07:51
1,1,1-Trichloroethane	3.84	Peak assignment corrected	alvesn	04/30/21 07:52
Isobutanol	4.05	Peak assignment corrected	alvesn	04/30/21 07:52
Dibromomethane	4.79	Peak assignment corrected	alvesn	04/30/21 07:52
1,4-Dioxane (P-Dioxane)	4.80	Peak assignment corrected	alvesn	04/30/21 07:53
2-Chloroethyl vinyl ether	5.11	Peak assignment corrected	alvesn	04/30/21 07:53
1,2-Dibromoethane	6.08	Peak assignment corrected	alvesn	04/30/21 07:53
1-Chlorohexane	6.41	Peak assignment corrected	alvesn	04/30/21 07:53
1,1,2,2-Tetrachloroethane	7.37	Peak assignment corrected	alvesn	04/30/21 07:54
trans-1,4-Dichloro-2-butene	7.41	Peak assignment corrected	alvesn	04/30/21 07:54
2-Chlorotoluene	7.51	Peak assignment corrected	alvesn	04/30/21 07:54

Lab Sample ID: IC 860-5780/3 Client Sample ID:

Date Analyzed: 04/29/21 19:59 Lab File ID: 860-0001243-035.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetonitrile	2.42	Peak assignment corrected	alvesn	04/30/21 07:55
1,1,1-Trichloroethane	3.84	Peak assignment corrected	alvesn	04/30/21 07:55
Cyclohexane	3.87	Peak assignment corrected	alvesn	04/30/21 07:56

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Instrument ID: A292 Analysis Batch Number: 5780

Lab Sample ID: IC 860-5780/4 Client Sample ID:

Date Analyzed: 04/29/21 20:18 Lab File ID: 860-0001243-036.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1,1-Trichloroethane	3.84	Peak assignment corrected	alvesn	04/30/21 07:57
Cyclohexane	3.87	Peak assignment corrected	alvesn	04/30/21 07:57
1,1,2,2-Tetrachloroethane	7.37	Shouldering	alvesn	04/30/21 07:58

Lab Sample ID: IC 860-5780/5 Client Sample ID:

Date Analyzed: 04/29/21 20:37 Lab File ID: 860-0001243-037.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1,1-Trichloroethane	3.84	Peak assignment corrected	alvesn	04/30/21 07:59
1,1,2,2-Tetrachloroethane	7.37	Shouldering	alvesn	04/30/21 08:01

Lab Sample ID: ICIS 860-5780/6 Client Sample ID:

Date Analyzed: 04/29/21 20:56 Lab File ID: 860-0001243-038.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1,1-Trichloroethane	3.84	Peak assignment corrected	alvesn	04/30/21 07:46
1,1,2,2-Tetrachloroethane	7.37	Shouldering	alvesn	04/30/21 07:49

Lab Sample ID: IC 860-5780/7 Client Sample ID:

Date Analyzed: 04/29/21 21:15 Lab File ID: 860-0001243-039.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Pentafluorobenzene	3.86	Peak assignment corrected	alvesn	04/30/21 08:02

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Instrument ID: A292 Analysis Batch Number: 5780

Lab Sample ID: IC 860-5780/8 Client Sample ID:

Date Analyzed: 04/29/21 21:34 Lab File ID: 860-0001243-040.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Pentafluorobenzene	3.86	Peak assignment corrected	alvesn	04/30/21 08:04
1,1,2,2-Tetrachloroethane	7.37	Shouldering	alvesn	04/30/21 08:05
1,4-Dichlorobenzene-d4	8.12	Peak assignment corrected	alvesn	04/30/21 08:04

Lab Sample ID: ICV 860-5780/9 Client Sample ID:

Date Analyzed: 04/29/21 22:12 Lab File ID: 860-0001243-042.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1,1-Trichloroethane	3.84	Peak assignment corrected	alvesn	04/30/21 08:20

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Instrument ID: A292 Analysis Batch Number: 6027

Lab Sample ID: CCVIS 860-6027/2 Client Sample ID:

Date Analyzed: 05/01/21 09:29 Lab File ID: E12208745.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1,1-Trichloroethane	3.83	Peak assignment corrected	shenw	05/01/21 10:20

8260C

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Instrument ID: A322 Analysis Batch Number: 5288

Lab Sample ID: IC 860-5288/2 Client Sample ID:

Date Analyzed: 04/27/21 09:51 Lab File ID: A3224204.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Iodomethane (Methyl Iodide)	2.48	Baseline	shenw	04/27/21 10:40
tert-Butyl alcohol	2.86	Baseline	shenw	04/27/21 10:40
2,2-Dichloropropane	3.76	Peak assignment corrected	shenw	04/27/21 10:35
1,1,1-Trichloroethane	4.15	Peak assignment corrected	shenw	04/27/21 10:35
Dibromomethane	5.17	Peak assignment corrected	shenw	04/27/21 10:36
1,4-Dioxane (P-Dioxane)	5.19	Peak assignment corrected	shenw	04/27/21 10:36
1,2-Dibromoethane	6.59	Peak assignment corrected	shenw	04/27/21 10:37
1,1,2,2-Tetrachloroethane	8.00	Peak assignment corrected	shenw	04/27/21 10:37
trans-1,4-Dichloro-2-butene	8.05	Baseline	shenw	04/27/21 10:45
1,4-Dichlorobenzene	8.84	Peak assignment corrected	shenw	04/27/21 10:38
1,2-Dibromo-3-Chloropropane	9.80	Peak assignment corrected	shenw	04/27/21 10:38
1-Methylnaphthalene	11.64	Peak assignment corrected	shenw	04/27/21 10:39

Lab Sample ID: IC 860-5288/3 Client Sample ID:

Date Analyzed: 04/27/21 10:10 Lab File ID: A3224205.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1,1-Trichloroethane	4.15	Peak assignment corrected	shenw	04/27/21 10:47
Cyclohexane	4.19	Peak assignment corrected	shenw	04/27/21 10:47
1,4-Dioxane (P-Dioxane)	5.20	Baseline	shenw	04/27/21 12:31
1,4-Dichlorobenzene	8.84	Peak assignment corrected	shenw	04/27/21 10:47

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Instrument ID: A322 Analysis Batch Number: 5288

Lab Sample ID: IC 860-5288/4 Client Sample ID:

Date Analyzed: 04/27/21 10:30 Lab File ID: A3224206.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Propene	1.13	Peak assignment corrected	shenw	04/27/21 11:08
cis-1,2-Dichloroethene	3.77	Peak assignment corrected	shenw	04/27/21 11:08
1,1,1-Trichloroethane	4.15	Peak assignment corrected	shenw	04/27/21 11:08
1,4-Dichlorobenzene	8.84	Peak assignment corrected	shenw	04/27/21 11:08

Lab Sample ID: IC 860-5288/5 Client Sample ID:

Date Analyzed: 04/27/21 10:50 Lab File ID: A3224207.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
cis-1,2-Dichloroethene	3.77	Peak assignment corrected	shenw	04/27/21 11:10
1,1,1-Trichloroethane	4.15	Peak assignment corrected	shenw	04/27/21 11:10

Lab Sample ID: ICIS 860-5288/6 Client Sample ID:

Date Analyzed: 04/27/21 11:10 Lab File ID: A3224208.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	1.30	Peak assignment corrected	shenw	04/27/21 12:11
1,3-Butadiene	1.41	Peak assignment corrected	shenw	04/27/21 12:11
1,1,1-Trichloroethane	4.15	Peak assignment corrected	shenw	04/27/21 12:12

Lab Sample ID: IC 860-5288/7 Client Sample ID:

Date Analyzed: 04/27/21 11:29 Lab File ID: A3224209.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Pentafluorobenzene	4.17	Peak assignment corrected	shenw	04/27/21 12:11

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Instrument ID: A322 Analysis Batch Number: 5288

Lab Sample ID: IC 860-5288/8 Client Sample ID:

Date Analyzed: 04/27/21 11:49 Lab File ID: A3224210.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Pentafluorobenzene	4.18	Peak assignment corrected	shenw	04/27/21 12:11

Lab Sample ID: ICV 860-5288/11 Client Sample ID:

Date Analyzed: 04/27/21 12:48 Lab File ID: A3224213.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1,1-Trichloroethane	4.15	Peak assignment corrected	shenw	04/27/21 13:08

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Instrument ID: A322 Analysis Batch Number: 6026

Lab Sample ID: CCVIS 860-6026/2 Client Sample ID:

Date Analyzed: 05/01/21 09:11 Lab File ID: A3224442.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1,1-Trichloroethane	4.15	Peak assignment corrected	shenw	05/01/21 09:34

Lab Sample ID: 860-2789-21 Client Sample ID: Artesia-MW36-042821

Date Analyzed: 05/01/21 14:11 Lab File ID: A3224454.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1-Dichloroethane	3.32	Peak assignment corrected	somsaengt	05/03/21 12:05
1,1-Dichloroethene		Invalid Compound ID	somsaengt	05/03/21 12:05

Lab Sample ID: 860-2789-18 Client Sample ID: Artesia-MW12-042821

Date Analyzed: 05/01/21 18:11 Lab File ID: A3224466.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1-Dichloroethene		Invalid Compound ID	somsaengt	05/03/21 12:13

HPLC/IC MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Instrument ID: A166 Analysis Batch Number: 5018

Lab Sample ID: ICRT 860-5018/6 Client Sample ID:

Date Analyzed: 04/24/21 14:28 Lab File ID: 24_Apr_2021 14_28.d GC Column: AS-18 ID: 0.004(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Sulfate	5.83	Peak assignment corrected	mavanij	04/25/21 12:50

Lab Sample ID: IC 860-5018/9 Client Sample ID:

Date Analyzed: 04/24/21 15:04 Lab File ID: 24_Apr_2021 15_04.d GC Column: AS-18 ID: 0.004(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Sulfate	5.56	Peak assignment corrected	mavanij	04/25/21 12:52

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
VM8260ISSS50_00001							1,3-Dichloropropene, Total	
							Tentatively Identified Compound	
							Total BTEX	
							Trihalomethanes, Total	
							Xylenes, Total	
					VMISX_00001	250 uL	1,4-Dichlorobenzene-d4	50 ug/mL
							1,4-Difluorobenzene	50 ug/mL
							Chlorobenzene-d5	50 ug/mL
							Pentafluorobenzene	50 ug/mL
					VMSSX_00001	250 uL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene (Surr)	50 ug/mL
							BFB	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
.VMISX_00001	06/30/22		Agilent, Lot 0006537237		(Purchased Reagent)		1,4-Dichlorobenzene-d4	20000 ug/mL
							1,4-Difluorobenzene	20000 ug/mL
							Chlorobenzene-d5	20000 ug/mL
							Pentafluorobenzene	20000 ug/mL
.VMSSX_00001	06/30/22		Agilent, Lot 0006537232		(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	20000 ug/mL
							4-Bromofluorobenzene (Surr)	20000 ug/mL
							BFB	20000 ug/mL
							Dibromofluoromethane (Surr)	20000 ug/mL
							Toluene-d8 (Surr)	20000 ug/mL
VM8260LCS_00005	10/02/21	04/02/21	Methanol, Lot 5153580-4	10 mL	VMVOCMixX2s_00001	250 uL	1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							Benzene	50 ug/mL
							Naphthalene	50 ug/mL
							Tetrachloroethene	50 ug/mL
.VMVOCMixX2s_00001	11/23/23		SPEX, Lot AA200207015		(Purchased Reagent)		1,1-Dichloroethane	2000 ug/mL
							1,1-Dichloroethene	2000 ug/mL
							Benzene	2000 ug/mL
							Naphthalene	2000 ug/mL
							Tetrachloroethene	2000 ug/mL
VM8260STD_00015	07/31/21	04/26/21	Methanol, Lot 5153580-9	10 mL	VM12MNapX_00001	500 uL	1-Methylnaphthalene	50 ug/mL
							2-Methylnaphthalene	50 ug/mL
					VM13ButaX_00001	500 uL	Butadiene	50 ug/mL
					VM2CEVEX_00001	100 uL	2-Chloroethyl vinyl ether	50 ug/mL
					VM4EthylTX_00001	500 uL	4-Ethyltoluene	50 ug/mL
					VMAceNiX_00001	250 uL	Acetonitrile	250 ug/mL
					VMAcroAcryX_00003	1250 uL	Acrolein	250 ug/mL
							Acrylonitrile	250 ug/mL
					VMCalMixX_00002	500 uL	2-Butanone (MEK)	250 ug/mL
							2-Hexanone	250 ug/mL
							4-Methyl-2-pentanone (MIBK)	250 ug/mL
							Acetone	250 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					VMCusStdX_00002	1000 uL	1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,4-Dioxane	500 ug/mL
							1-Chlorohexane	50 ug/mL
							Carbon disulfide	50 ug/mL
							Cyclohexane	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Methyl acetate	500 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Tetrahydrofuran	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
					VMDicycloX_00001	500 uL	Dicyclopentadiene	50 ug/mL
					VMOxygenX_00001	250 uL	2-Methyl-2-propanol	250 ug/mL
							Isopropyl ether	50 ug/mL
							Tert-amyl methyl ether	50 ug/mL
							Tert-butyl ethyl ether	50 ug/mL
					VMPropeneX_00001	500 uL	Propene	50 ug/mL
					VMVAstd_00001	250 uL	Vinyl acetate	250.044 ug/mL
					VMVOCMixX_00002	250 uL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromoform	50 ug/mL
							Bromomethane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloroform	50 ug/mL
							Chloromethane	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromomethane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	100 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.VM12MNapX_00001	07/09/30		AccuStandard, Lot 220071053		(Purchased Reagent)		1-Methylnaphthalene	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
.VM13ButaX_00001	09/01/23		Absolute Standards, Lot 090120		(Purchased Reagent)		Butadiene	1000 ug/mL
.VM2CEVEX_00001	03/31/23		Agilent, Lot 0006546244		(Purchased Reagent)		2-Chloroethyl vinyl ether	5000 ug/mL
.VM4EthylTX_00001	10/08/24		Absolute Standards, Lot 100819		(Purchased Reagent)		4-Ethyltoluene	1000 ug/mL
.VMAceNiX_00001	02/01/22		Sigma-Aldrich, Lot SHBL7595		(Purchased Reagent)		Acetonitrile	10000 ug/mL
.VMAcroAcryX_00003	07/31/21		Agilent, Lot 0006597910		(Purchased Reagent)		Acrolein	2000 ug/mL
							Acrylonitrile	2000 ug/mL
.VMCalMixX_00002	06/30/23		Restek, Lot A0159420		(Purchased Reagent)		2-Butanone (MEK)	5000 ug/mL
							2-Hexanone	5000 ug/mL
							4-Methyl-2-pentanone (MIBK)	5000 ug/mL
							Acetone	5000 ug/mL
.VMCusStdX_00002	03/31/23		Agilent, Lot 0006587119		(Purchased Reagent)		1,1,2-Trichloro-1,2,2-trifluoroethane	500 ug/mL
							1,4-Dioxane	5000 ug/mL
							1-Chlorohexane	500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added	Carbon disulfide	500 ug/mL
							Cyclohexane	500 ug/mL
							Ethyl methacrylate	500 ug/mL
							Hexane	500 ug/mL
							Iodomethane	500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl tert-butyl ether	500 ug/mL
							Methylcyclohexane	500 ug/mL
							Tetrahydrofuran	500 ug/mL
							trans-1,4-Dichloro-2-butene	500 ug/mL
.VMDicycloX_00001	05/15/25	Absolute Standards, Lot 051520			(Purchased Reagent)		Dicyclopentadiene	1000 ug/mL
.VMOxygenX_00001	05/28/22	AccuStandard, Lot 219051626			(Purchased Reagent)		2-Methyl-2-propanol	10000 ug/mL
							Isopropyl ether	2000 ug/mL
							Tert-amyl methyl ether	2000 ug/mL
							Tert-butyl ethyl ether	2000 ug/mL
.VMPropeneX_00001	01/14/23	SPEX, Lot AA200626004			(Purchased Reagent)		Propene	1000 ug/mL
.VMVAstd_00001	10/12/22	04/12/21	Methanol, Lot 5153580-4	10 mL	VMVAStock_00001	107.2 uL	Vinyl acetate	10001.8 ug/mL
..VMVAStock_00001	03/31/24	Agilent, Lot 0006601349			(Purchased Reagent)		Vinyl acetate	0.933 g/mL
.VMVOCMixX_00002	04/30/23	Agilent, Lot 0006518399			(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 ug/mL
							1,1,1-Trichloroethane	2000 ug/mL
							1,1,2,2-Tetrachloroethane	2000 ug/mL
							1,1,2-Trichloroethane	2000 ug/mL
							1,1-Dichloroethane	2000 ug/mL
							1,1-Dichloroethene	2000 ug/mL
							1,1-Dichloropropene	2000 ug/mL
							1,2,3-Trichlorobenzene	2000 ug/mL
							1,2,3-Trichloropropane	2000 ug/mL
							1,2,4-Trichlorobenzene	2000 ug/mL
							1,2,4-Trimethylbenzene	2000 ug/mL
							1,2-Dibromo-3-Chloropropane	2000 ug/mL
							1,2-Dichlorobenzene	2000 ug/mL
							1,2-Dichloroethane	2000 ug/mL
							1,2-Dichloropropane	2000 ug/mL
							1,3,5-Trimethylbenzene	2000 ug/mL
							1,3-Dichlorobenzene	2000 ug/mL
							1,3-Dichloropropane	2000 ug/mL
							1,4-Dichlorobenzene	2000 ug/mL
							2,2-Dichloropropane	2000 ug/mL
							2-Chlorotoluene	2000 ug/mL
							4-Chlorotoluene	2000 ug/mL
							4-Isopropyltoluene	2000 ug/mL
							Benzene	2000 ug/mL
							Bromobenzene	2000 ug/mL
							Bromoform	2000 ug/mL
							Bromomethane	2000 ug/mL
							Carbon tetrachloride	2000 ug/mL
							Chlorobenzene	2000 ug/mL
							Chlorobromomethane	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chlorodibromomethane	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloroform	2000 ug/mL
							Chloromethane	2000 ug/mL
							cis-1,2-Dichloroethene	2000 ug/mL
							cis-1,3-Dichloropropene	2000 ug/mL
							Dibromomethane	2000 ug/mL
							Dichlorobromomethane	2000 ug/mL
							Dichlorodifluoromethane	2000 ug/mL
							Ethylbenzene	2000 ug/mL
							Ethylene Dibromide	2000 ug/mL
							Hexachlorobutadiene	2000 ug/mL
							Isopropylbenzene	2000 ug/mL
							m-Xylene & p-Xylene	4000 ug/mL
							Methylene Chloride	2000 ug/mL
							n-Butylbenzene	2000 ug/mL
							N-Propylbenzene	2000 ug/mL
							Naphthalene	2000 ug/mL
							o-Xylene	2000 ug/mL
							sec-Butylbenzene	2000 ug/mL
							Styrene	2000 ug/mL
							tert-Butylbenzene	2000 ug/mL
							Tetrachloroethene	2000 ug/mL
							Toluene	2000 ug/mL
							trans-1,2-Dichloroethene	2000 ug/mL
							trans-1,3-Dichloropropene	2000 ug/mL
							Trichloroethene	2000 ug/mL
							Trichlorofluoromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
VM8260STD_00016	07/31/21	04/29/21	Methanol, Lot 5153580-9	10 mL	VM12MNapX_00001	500 uL	1-Methylnaphthalene	50 ug/mL
							2-Methylnaphthalene	50 ug/mL
					VM13ButaX_00001	500 uL	Butadiene	50 ug/mL
					VM2CEVEX_00001	100 uL	2-Chloroethyl vinyl ether	50 ug/mL
					VM4EthylTX_00001	500 uL	4-Ethyltoluene	50 ug/mL
					VMAceNiX_00001	250 uL	Acetonitrile	250 ug/mL
					VMAcroAcryX_00003	1250 uL	Acrolein	250 ug/mL
							Acrylonitrile	250 ug/mL
					VMCalMixX_00002	500 uL	2-Butanone (MEK)	250 ug/mL
							2-Hexanone	250 ug/mL
							4-Methyl-2-pentanone (MIBK)	250 ug/mL
							Acetone	250 ug/mL
					VMCusStdX_00002	1000 uL	1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,4-Dioxane	500 ug/mL
							1-Chlorohexane	50 ug/mL
							Carbon disulfide	50 ug/mL
							Cyclohexane	50 ug/mL
							Ethyl methacrylate	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Methyl acetate	500 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Tetrahydrofuran	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
					VMDicycloX_00001	500 uL	Dicyclopentadiene	50 ug/mL
					VMOxygenX_00001	250 uL	2-Methyl-2-propanol	250 ug/mL
							Isopropyl ether	50 ug/mL
							Tert-amyl methyl ether	50 ug/mL
							Tert-butyl ethyl ether	50 ug/mL
					VMPropeneX_00001	500 uL	Propene	50 ug/mL
					VMVAstd_00001	250 uL	Vinyl acetate	250.044 ug/mL
					VMVOCMixX_00002	250 uL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromoform	50 ug/mL
							Bromomethane	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloroform	50 ug/mL
							Chloromethane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromomethane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	100 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.VM12MNapX_00001	07/09/30	AccuStandard, Lot 220071053			(Purchased Reagent)		1-Methylnaphthalene	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
.VM13ButaX_00001	09/01/23	Absolute Standards, Lot 090120			(Purchased Reagent)		Butadiene	1000 ug/mL
.VM2CEVEX_00001	03/31/23	Agilent, Lot 0006546244			(Purchased Reagent)		2-Chloroethyl vinyl ether	5000 ug/mL
.VM4EthylTX_00001	10/08/24	Absolute Standards, Lot 100819			(Purchased Reagent)		4-Ethyltoluene	1000 ug/mL
.VMAceNiX_00001	02/01/22	Sigma-Aldrich, Lot SHBL7595			(Purchased Reagent)		Acetonitrile	10000 ug/mL
.VMAcroAcryX_00003	07/31/21	Agilent, Lot 0006597910			(Purchased Reagent)		Acrolein	2000 ug/mL
							Acrylonitrile	2000 ug/mL
.VMCalMixX_00002	06/30/23	Restek, Lot A0159420			(Purchased Reagent)		2-Butanone (MEK)	5000 ug/mL
							2-Hexanone	5000 ug/mL
							4-Methyl-2-pentanone (MIBK)	5000 ug/mL
							Acetone	5000 ug/mL
.VMCusStdX_00002	03/31/23	Agilent, Lot 0006587119			(Purchased Reagent)		1,1,2-Trichloro-1,2,2-trifluoroethane	500 ug/mL
							1,4-Dioxane	5000 ug/mL
							1-Chlorohexane	500 ug/mL
							Carbon disulfide	500 ug/mL
							Cyclohexane	500 ug/mL
							Ethyl methacrylate	500 ug/mL
							Hexane	500 ug/mL
							Iodomethane	500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl tert-butyl ether	500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methylcyclohexane	500 ug/mL
							Tetrahydrofuran	500 ug/mL
							trans-1,4-Dichloro-2-butene	500 ug/mL
.VMDicycloX_00001	05/15/25	Absolute Standards, Lot 051520			(Purchased Reagent)		Dicyclopentadiene	1000 ug/mL
.VMOxygenX_00001	05/28/22	AccuStandard, Lot 219051626			(Purchased Reagent)		2-Methyl-2-propanol	10000 ug/mL
							Isopropyl ether	2000 ug/mL
							Tert-amyl methyl ether	2000 ug/mL
							Tert-butyl ethyl ether	2000 ug/mL
.VMPropeneX_00001	01/14/23	SPEX, Lot AA200626004			(Purchased Reagent)		Propene	1000 ug/mL
.VMVAstd_00001	10/12/22	04/12/21	Methanol, Lot 5153580-4	10 mL	VMVAStock_00001	107.2 uL	Vinyl acetate	10001.8 ug/mL
..VMVAStock_00001	03/31/24	Agilent, Lot 0006601349			(Purchased Reagent)		Vinyl acetate	0.933 g/mL
.VMVOCMixX_00002	04/30/23	Agilent, Lot 0006518399			(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 ug/mL
							1,1,1-Trichloroethane	2000 ug/mL
							1,1,2,2-Tetrachloroethane	2000 ug/mL
							1,1,2-Trichloroethane	2000 ug/mL
							1,1-Dichloroethane	2000 ug/mL
							1,1-Dichloroethene	2000 ug/mL
							1,1-Dichloropropene	2000 ug/mL
							1,2,3-Trichlorobenzene	2000 ug/mL
							1,2,3-Trichloropropane	2000 ug/mL
							1,2,4-Trichlorobenzene	2000 ug/mL
							1,2,4-Trimethylbenzene	2000 ug/mL
							1,2-Dibromo-3-Chloropropane	2000 ug/mL
							1,2-Dichlorobenzene	2000 ug/mL
							1,2-Dichloroethane	2000 ug/mL
							1,2-Dichloropropane	2000 ug/mL
							1,3,5-Trimethylbenzene	2000 ug/mL
							1,3-Dichlorobenzene	2000 ug/mL
							1,3-Dichloropropane	2000 ug/mL
							1,4-Dichlorobenzene	2000 ug/mL
							2,2-Dichloropropane	2000 ug/mL
							2-Chlorotoluene	2000 ug/mL
							4-Chlorotoluene	2000 ug/mL
							4-Isopropyltoluene	2000 ug/mL
							Benzene	2000 ug/mL
							Bromobenzene	2000 ug/mL
							Bromoform	2000 ug/mL
							Bromomethane	2000 ug/mL
							Carbon tetrachloride	2000 ug/mL
							Chlorobenzene	2000 ug/mL
							Chlorobromomethane	2000 ug/mL
							Chlorodibromomethane	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloroform	2000 ug/mL
							Chloromethane	2000 ug/mL
							cis-1,2-Dichloroethene	2000 ug/mL
							cis-1,3-Dichloropropene	2000 ug/mL
							Dibromomethane	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dichlorobromomethane	2000 ug/mL
							Dichlorodifluoromethane	2000 ug/mL
							Ethylbenzene	2000 ug/mL
							Ethylene Dibromide	2000 ug/mL
							Hexachlorobutadiene	2000 ug/mL
							Isopropylbenzene	2000 ug/mL
							m-Xylene & p-Xylene	4000 ug/mL
							Methylene Chloride	2000 ug/mL
							n-Butylbenzene	2000 ug/mL
							N-Propylbenzene	2000 ug/mL
							Naphthalene	2000 ug/mL
							o-Xylene	2000 ug/mL
							sec-Butylbenzene	2000 ug/mL
							Styrene	2000 ug/mL
							tert-Butylbenzene	2000 ug/mL
							Tetrachloroethene	2000 ug/mL
							Toluene	2000 ug/mL
							trans-1,2-Dichloroethene	2000 ug/mL
							trans-1,3-Dichloropropene	2000 ug/mL
							Trichloroethene	2000 ug/mL
							Trichlorofluoromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
VMAppIISTD_00004	07/16/21	04/29/21	Methanol, Lot 5153580-9	10 mL	VMCusStdAppII_00001	500 uL	2-Chloro-1,3-butadiene	50 ug/mL
							3-Chloro-1-propene	50 ug/mL
							Methacrylonitrile	50 ug/mL
							Methyl methacrylate	50 ug/mL
							Propionitrile	50 ug/mL
					VMIsobutaSTD_00001	250 uL	Isobutyl alcohol	500 ug/mL
.VMCusStdAppII_00001	07/16/21	AccuStandard, Lot 220061242			(Purchased Reagent)		2-Chloro-1,3-butadiene	1000 ug/mL
							3-Chloro-1-propene	1000 ug/mL
							Methacrylonitrile	1000 ug/mL
							Methyl methacrylate	1000 ug/mL
							Propionitrile	1000 ug/mL
.VMIsobutaSTD_00001	09/04/25	Absolute, Lot 090420			(Purchased Reagent)		Isobutyl alcohol	20000 ug/mL
VMIsoSTD_00002	09/27/21	03/27/21	Methanol, Lot 5153580-4	5 mL	VMIsooctaneX_00001	500 uL	Isooctane	100 ug/mL
.VMIsooctaneX_00001	07/13/25	Absolute, Lot 071320			(Purchased Reagent)		Isooctane	1000 ug/mL
WC-IC-P2_00001	03/31/22	CPI, Lot 10068635-3			(Purchased Reagent)		Sulfate	1000 ug/mL
WC-IC-S2_00002	02/28/22	HPS, Lot 2105333-500			(Purchased Reagent)		Bromide	1000 ug/mL
							Chloride	1000 ug/mL
							Fluoride	1000 ug/mL
							Sulfate	1000 ug/mL

Method 8260C

Volatile Organic Compounds (GC/MS) by Method 8260C

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): DB-624 ID: 0.25(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
Artesia-TB01-042821	860-2789-1	114	116	103	110
Artesia-Outlet-042821	860-2789-2	98	100	99	101
Artesia-MID-042821	860-2789-3	100	101	101	99
Artesia-Inlet-042821	860-2789-4	99	100	100	100
Artesia-MW30-042821	860-2789-5	99	100	99	98
Artesia-MD30-042821	860-2789-6	98	101	100	101
Artesia-MW37-042821	860-2789-7	99	102	99	101
Artesia-MW38-042821	860-2789-8	99	100	101	101
Artesia-MW17C-042821	860-2789-9	99	101	98	97
Artesia-MW22-042821	860-2789-10	99	101	102	101
Artesia-MW25-042821	860-2789-11	98	101	101	102
Artesia-MW28-042821	860-2789-12	100	101	100	99
Artesia-MW29-042821	860-2789-13	98	102	99	100
Artesia-MW31-042821	860-2789-14	99	102	101	101
Artesia-MW32-042821	860-2789-15	99	101	99	99
Artesia-MW34-042821	860-2789-16	99	102	100	100
Artesia-MW35-042821	860-2789-17	100	102	100	99
Artesia-MW12-042821	860-2789-18	114	122	105	108
Artesia-MW11-042821	860-2789-19	113	121	107	108
Artesia-MD11-042821	860-2789-20	113	118	106	111
Artesia-MW36-042821	860-2789-21	116	120	105	102
	MB 860-6026/10	111	118	106	110
	MB 860-6027/9	97	101	101	99
	MB 860-6039/10	115	121	105	109
	LCS 860-6026/3	109	109	101	94
	LCS 860-6027/3	100	99	99	100

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	75-131
DCA = 1,2-Dichloroethane-d4 (Surr)	63-144
TOL = Toluene-d8 (Surr)	80-117
BFB = 4-Bromofluorobenzene (Surr)	74-124

Column to be used to flag recovery values

FORM II 8260C

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): DB-624 ID: 0.25(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
	LCS 860-6039/3	111	109	99	95
	LCSD 860-6026/4	108	104	100	94
	LCSD 860-6027/4	99	98	100	98
	LCSD 860-6039/4	111	105	98	96
Artesia-MW36-04282 1 MS	860-2789-21 MS	107	107	100	97
Artesia-MW36-04282 1 MSD	860-2789-21 MSD	107	104	99	95

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	75-131
DCA = 1,2-Dichloroethane-d4 (Surr)	63-144
TOL = Toluene-d8 (Surr)	80-117
BFB = 4-Bromofluorobenzene (Surr)	74-124

Column to be used to flag recovery values

FORM II 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A3224443.D

Lab ID: LCS 860-6026/3 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethene	0.0500	0.04753	95	59-172	
Benzene	0.0500	0.05091	102	66-142	
1,1-Dichloroethane	0.0500	0.05044	101	72-125	
Tetrachloroethene	0.0500	0.04672	93	71-125	
Naphthalene	0.0500	0.04958	99	70-130	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Matrix: Water Level: Low Lab File ID: E12208746.D

Lab ID: LCS 860-6027/3 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethene	0.0500	0.05355	107	59-172	
Benzene	0.0500	0.05031	101	66-142	
1,1-Dichloroethane	0.0500	0.05059	101	72-125	
Tetrachloroethene	0.0500	0.05338	107	71-125	
Naphthalene	0.0500	0.05315	106	70-130	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A3224476.D

Lab ID: LCS 860-6039/3 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethene	0.0500	0.05076	102	59-172	
Benzene	0.0500	0.05468	109	66-142	
1,1-Dichloroethane	0.0500	0.05710	114	72-125	
Tetrachloroethene	0.0500	0.04798	96	71-125	
Naphthalene	0.0500	0.05414	108	70-130	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A3224444.D

Lab ID: LCSD 860-6026/4 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1-Dichloroethene	0.0500	0.05040	101	6	25	59-172	
Benzene	0.0500	0.05080	102	0	25	66-142	
1,1-Dichloroethane	0.0500	0.05023	100	0	25	72-125	
Tetrachloroethene	0.0500	0.04886	98	4	25	71-125	
Naphthalene	0.0500	0.05065	101	2	25	70-130	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Matrix: Water Level: Low Lab File ID: E12208747.D

Lab ID: LCSD 860-6027/4 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1-Dichloroethene	0.0500	0.05070	101	5	25	59-172	
Benzene	0.0500	0.04829	97	4	25	66-142	
1,1-Dichloroethane	0.0500	0.04865	97	4	25	72-125	
Tetrachloroethene	0.0500	0.05228	105	2	25	71-125	
Naphthalene	0.0500	0.05393	108	1	25	70-130	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A3224477.D

Lab ID: LCSD 860-6039/4 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1-Dichloroethene	0.0500	0.05343	107	5	25	59-172	
Benzene	0.0500	0.05637	113	3	25	66-142	
1,1-Dichloroethane	0.0500	0.05798	116	2	25	72-125	
Tetrachloroethene	0.0500	0.04940	99	3	25	71-125	
Naphthalene	0.0500	0.05763	115	6	25	70-130	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A3224445.D

Lab ID: 860-2789-21 MS Client ID: Artesia-MW36-042821 MS

COMPOUND	SPIKE ADDED (mg/L)	SAMPLE CONCENTRATION (mg/L)	MS CONCENTRATION (mg/L)	MS % REC	QC LIMITS REC	#
1,1-Dichloroethene	0.0500	0.000216 U	0.05423	108	59-172	
Benzene	0.0500	0.00131	0.05453	106	66-142	
1,1-Dichloroethane	0.0500	0.0174	0.07098	107	72-125	
Tetrachloroethene	0.0500	0.00645	0.05690	101	71-125	
Naphthalene	0.0500	0.00200 U	0.05410	108	70-130	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A3224446.D

Lab ID: 860-2789-21 MSD Client ID: Artesia-MW36-042821 MSD

COMPOUND	SPIKE ADDED (mg/L)	MSD CONCENTRATION (mg/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1-Dichloroethene	0.0500	0.05408	108	0	25	59-172	
Benzene	0.0500	0.05697	111	4	25	66-142	
1,1-Dichloroethane	0.0500	0.06996	105	1	25	72-125	
Tetrachloroethene	0.0500	0.06054	108	6	25	71-125	
Naphthalene	0.0500	0.06228	125	14	25	70-130	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Lab File ID: E12208752.D Lab Sample ID: MB 860-6027/9

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: A292 Date Analyzed: 05/01/2021 12:05

GC Column: DB-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 860-6027/3	E12208746.D	05/01/2021 10:07
	LCSD 860-6027/4	E12208747.D	05/01/2021 10:26
Artesia-Outlet-042821	860-2789-2	E12208756.D	05/01/2021 13:27
Artesia-MID-042821	860-2789-3	E12208757.D	05/01/2021 13:46
Artesia-Inlet-042821	860-2789-4	E12208758.D	05/01/2021 14:05
Artesia-MW30-042821	860-2789-5	E12208759.D	05/01/2021 14:24
Artesia-MD30-042821	860-2789-6	E12208760.D	05/01/2021 14:43
Artesia-MW37-042821	860-2789-7	E12208761.D	05/01/2021 15:02
Artesia-MW38-042821	860-2789-8	E12208762.D	05/01/2021 15:21
Artesia-MW17C-042821	860-2789-9	E12208763.D	05/01/2021 15:40
Artesia-MW22-042821	860-2789-10	E12208764.D	05/01/2021 15:59
Artesia-MW25-042821	860-2789-11	E12208765.D	05/01/2021 16:18
Artesia-MW28-042821	860-2789-12	E12208766.D	05/01/2021 16:37
Artesia-MW29-042821	860-2789-13	E12208767.D	05/01/2021 16:56
Artesia-MW31-042821	860-2789-14	E12208768.D	05/01/2021 17:15
Artesia-MW32-042821	860-2789-15	E12208769.D	05/01/2021 17:34
Artesia-MW34-042821	860-2789-16	E12208770.D	05/01/2021 17:53
Artesia-MW35-042821	860-2789-17	E12208771.D	05/01/2021 18:12

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Lab File ID: A3224450.D Lab Sample ID: MB 860-6026/10

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: A322 Date Analyzed: 05/01/2021 12:52

GC Column: DB-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 860-6026/3	A3224443.D	05/01/2021 09:50
	LCSD 860-6026/4	A3224444.D	05/01/2021 10:10
Artesia-MW36-042821 MS	860-2789-21 MS	A3224445.D	05/01/2021 11:00
Artesia-MW36-042821 MSD	860-2789-21 MSD	A3224446.D	05/01/2021 11:32
Artesia-TB01-042821	860-2789-1	A3224451.D	05/01/2021 13:12
Artesia-MW36-042821	860-2789-21	A3224454.D	05/01/2021 14:11
Artesia-MW12-042821	860-2789-18	A3224466.D	05/01/2021 18:11

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Lab File ID: A3224483.D Lab Sample ID: MB 860-6039/10

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: A322 Date Analyzed: 05/01/2021 23:47

GC Column: DB-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 860-6039/3	A3224476.D	05/01/2021 21:29
	LCSD 860-6039/4	A3224477.D	05/01/2021 21:48
Artesia-MW11-042821	860-2789-19	A3224486.D	05/02/2021 00:47
Artesia-MD11-042821	860-2789-20	A3224487.D	05/02/2021 01:06

FORM IV 8260C

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Lab File ID: 860-0001243-033.D BFB Injection Date: 04/29/2021

Instrument ID: A292 BFB Injection Time: 19:21

Analysis Batch No.: 5780

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.0	
75	30.0 - 60.0 % of mass 95	47.4	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.4	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	85.4	
175	5.0 - 9.0 % of mass 174	6.2	(7.2) 1
176	95.0 - 101.0 % of mass 174	82.3	(96.3) 1
177	5.0 - 9.0 % of mass 176	5.5	(6.7) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 860-5780/2	860-0001243-0	04/29/2021	19:40
	IC 860-5780/3	860-0001243-0	04/29/2021	19:59
	IC 860-5780/4	860-0001243-0	04/29/2021	20:18
	IC 860-5780/5	860-0001243-0	04/29/2021	20:37
	ICIS 860-5780/6	860-0001243-0	04/29/2021	20:56
	IC 860-5780/7	860-0001243-0	04/29/2021	21:15
	IC 860-5780/8	860-0001243-0	04/29/2021	21:34
	ICV 860-5780/9	860-0001243-0	04/29/2021	22:12

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FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Lab File ID: E12208744.D BFB Injection Date: 05/01/2021

Instrument ID: A292 BFB Injection Time: 08:15

Analysis Batch No.: 6027

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.0	
75	30.0 - 60.0 % of mass 95	47.0	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.7	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	87.1	
175	5.0 - 9.0 % of mass 174	6.4	(7.4) 1
176	95.0 - 101.0 % of mass 174	84.1	(96.6) 1
177	5.0 - 9.0 % of mass 176	5.6	(6.7) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 860-6027/2	E12208745.D	05/01/2021	9:29
	LCS 860-6027/3	E12208746.D	05/01/2021	10:07
	LCSD 860-6027/4	E12208747.D	05/01/2021	10:26
	MB 860-6027/9	E12208752.D	05/01/2021	12:05
Artesia-Outlet-042821	860-2789-2	E12208756.D	05/01/2021	13:27
Artesia-MID-042821	860-2789-3	E12208757.D	05/01/2021	13:46
Artesia-Inlet-042821	860-2789-4	E12208758.D	05/01/2021	14:05
Artesia-MW30-042821	860-2789-5	E12208759.D	05/01/2021	14:24
Artesia-MD30-042821	860-2789-6	E12208760.D	05/01/2021	14:43
Artesia-MW37-042821	860-2789-7	E12208761.D	05/01/2021	15:02
Artesia-MW38-042821	860-2789-8	E12208762.D	05/01/2021	15:21
Artesia-MW17C-042821	860-2789-9	E12208763.D	05/01/2021	15:40
Artesia-MW22-042821	860-2789-10	E12208764.D	05/01/2021	15:59
Artesia-MW25-042821	860-2789-11	E12208765.D	05/01/2021	16:18
Artesia-MW28-042821	860-2789-12	E12208766.D	05/01/2021	16:37
Artesia-MW29-042821	860-2789-13	E12208767.D	05/01/2021	16:56
Artesia-MW31-042821	860-2789-14	E12208768.D	05/01/2021	17:15
Artesia-MW32-042821	860-2789-15	E12208769.D	05/01/2021	17:34
Artesia-MW34-042821	860-2789-16	E12208770.D	05/01/2021	17:53
Artesia-MW35-042821	860-2789-17	E12208771.D	05/01/2021	18:12

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FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Lab File ID: A3224203.D BFB Injection Date: 04/27/2021

Instrument ID: A322 BFB Injection Time: 09:24

Analysis Batch No.: 5288

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	20.1	
75	30.0 - 60.0 % of mass 95	49.0	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	5.9	
173	Less than 2.0 % of mass 174	0.2	(0.2) 1
174	Greater than 50% of mass 95	87.9	
175	5.0 - 9.0 % of mass 174	6.7	(7.6) 1
176	95.0 - 101.0 % of mass 174	86.5	(98.4) 1
177	5.0 - 9.0 % of mass 176	5.8	(6.7) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 860-5288/2	A3224204.D	04/27/2021	9:51
	IC 860-5288/3	A3224205.D	04/27/2021	10:10
	IC 860-5288/4	A3224206.D	04/27/2021	10:30
	IC 860-5288/5	A3224207.D	04/27/2021	10:50
	ICIS 860-5288/6	A3224208.D	04/27/2021	11:10
	IC 860-5288/7	A3224209.D	04/27/2021	11:29
	IC 860-5288/8	A3224210.D	04/27/2021	11:49
	ICV 860-5288/11	A3224213.D	04/27/2021	12:48

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FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Lab File ID: A3224441.D BFB Injection Date: 05/01/2021

Instrument ID: A322 BFB Injection Time: 08:20

Analysis Batch No.: 6026

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	22.2	
75	30.0 - 60.0 % of mass 95	51.7	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.5	
173	Less than 2.0 % of mass 174	0.2	(0.3) 1
174	Greater than 50% of mass 95	88.3	
175	5.0 - 9.0 % of mass 174	5.4	(6.1) 1
176	95.0 - 101.0 % of mass 174	84.1	(95.3) 1
177	5.0 - 9.0 % of mass 176	5.3	(6.4) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 860-6026/2	A3224442.D	05/01/2021	9:11
	LCS 860-6026/3	A3224443.D	05/01/2021	9:50
	LCSD 860-6026/4	A3224444.D	05/01/2021	10:10
Artesia-MW36-042821 MS	860-2789-21 MS	A3224445.D	05/01/2021	11:00
Artesia-MW36-042821 MSD	860-2789-21 MSD	A3224446.D	05/01/2021	11:32
	MB 860-6026/10	A3224450.D	05/01/2021	12:52
Artesia-TB01-042821	860-2789-1	A3224451.D	05/01/2021	13:12
Artesia-MW36-042821	860-2789-21	A3224454.D	05/01/2021	14:11
Artesia-MW12-042821	860-2789-18	A3224466.D	05/01/2021	18:11

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Lab File ID: A3224474.D BFB Injection Date: 05/01/2021

Instrument ID: A322 BFB Injection Time: 20:49

Analysis Batch No.: 6039

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	22.7	
75	30.0 - 60.0 % of mass 95	54.7	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.4	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	79.8	
175	5.0 - 9.0 % of mass 174	5.5	(6.8) 1
176	95.0 - 101.0 % of mass 174	76.6	(96.0) 1
177	5.0 - 9.0 % of mass 176	5.3	(6.9) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 860-6039/2	A3224475.D	05/01/2021	21:09
	LCS 860-6039/3	A3224476.D	05/01/2021	21:29
	LCSD 860-6039/4	A3224477.D	05/01/2021	21:48
	MB 860-6039/10	A3224483.D	05/01/2021	23:47
Artesia-MW11-042821	860-2789-19	A3224486.D	05/02/2021	0:47
Artesia-MD11-042821	860-2789-20	A3224487.D	05/02/2021	1:06

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FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Sample No.: ICIS 860-5780/6 Date Analyzed: 04/29/2021 20:56

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): 860-0001243-038.D Heated Purge: (Y/N) N

Calibration ID: 697

		PFB		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		461118	3.86	664671	4.37	562442	6.41
UPPER LIMIT		922236	4.36	1329342	4.87	1124884	6.91
LOWER LIMIT		230559	3.36	332336	3.87	281221	5.91
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 860-5780/9		453650	3.86	659224	4.37	553427	6.41
CCVIS 860-6027/2		442111	3.85	638292	4.37	537245	6.41

PFB = Pentafluorobenzene
DFBZ = 1,4-Difluorobenzene
CBNZd5 = Chlorobenzene-d5

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Sample No.: ICIS 860-5780/6 Date Analyzed: 04/29/2021 20:56

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): 860-0001243-038.D Heated Purge: (Y/N) N

Calibration ID: 697

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		283838	8.11				
UPPER LIMIT		567676	8.61				
LOWER LIMIT		141919	7.61				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 860-5780/9		278438	8.11				
CCVIS 860-6027/2		272667	8.11				

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Sample No.: CCVIS 860-6027/2 Date Analyzed: 05/01/2021 09:29

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): E12208745.D Heated Purge: (Y/N) N

Calibration ID: 697

		PFB		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		442111	3.85	638292	4.37	537245	6.41
UPPER LIMIT		884222	4.35	1276584	4.87	1074490	6.91
LOWER LIMIT		221056	3.35	319146	3.87	268623	5.91
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 860-6027/3		443659	3.85	632603	4.37	538354	6.41
LCSD 860-6027/4		444253	3.86	636599	4.37	539028	6.41
MB 860-6027/9		445929	3.86	639728	4.37	530797	6.41
860-2789-2	Artesia-Outlet-042821	462454	3.85	665501	4.37	568374	6.41
860-2789-3	Artesia-MID-042821	444396	3.86	645707	4.37	541072	6.41
860-2789-4	Artesia-Inlet-042821	448405	3.86	642524	4.37	542759	6.41
860-2789-5	Artesia-MW30-042821	453501	3.86	657084	4.37	562609	6.41
860-2789-6	Artesia-MD30-042821	452063	3.86	645964	4.37	545149	6.41
860-2789-7	Artesia-MW37-042821	447116	3.86	641206	4.37	546297	6.41
860-2789-8	Artesia-MW38-042821	442396	3.86	639294	4.37	533415	6.41
860-2789-9	Artesia-MW17C-042821	452944	3.86	657542	4.37	563961	6.41
860-2789-10	Artesia-MW22-042821	445496	3.86	636220	4.37	527302	6.41
860-2789-11	Artesia-MW25-042821	444504	3.86	637561	4.37	532330	6.41
860-2789-12	Artesia-MW28-042821	440904	3.86	637739	4.37	537754	6.41
860-2789-13	Artesia-MW29-042821	440414	3.86	634622	4.37	541661	6.41
860-2789-14	Artesia-MW31-042821	438243	3.86	625110	4.37	522607	6.41
860-2789-15	Artesia-MW32-042821	433127	3.86	627683	4.37	537607	6.41
860-2789-16	Artesia-MW34-042821	434272	3.86	625022	4.37	532144	6.41
860-2789-17	Artesia-MW35-042821	434195	3.86	625956	4.37	525347	6.41

PFB = Pentafluorobenzene
DFBZ = 1,4-Difluorobenzene
CBNZd5 = Chlorobenzene-d5

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Sample No.: CCVIS 860-6027/2 Date Analyzed: 05/01/2021 09:29

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): E12208745.D Heated Purge: (Y/N) N

Calibration ID: 697

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		272667	8.11				
UPPER LIMIT		545334	8.61				
LOWER LIMIT		136334	7.61				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 860-6027/3		266454	8.11				
LCSD 860-6027/4		271962	8.11				
MB 860-6027/9		261422	8.11				
860-2789-2	Artesia-Outlet-042821	273890	8.11				
860-2789-3	Artesia-MID-042821	264248	8.11				
860-2789-4	Artesia-Inlet-042821	263025	8.11				
860-2789-5	Artesia-MW30-042821	285167	8.11				
860-2789-6	Artesia-MD30-042821	259973	8.12				
860-2789-7	Artesia-MW37-042821	267783	8.12				
860-2789-8	Artesia-MW38-042821	256959	8.11				
860-2789-9	Artesia-MW17C-042821	287750	8.12				
860-2789-10	Artesia-MW22-042821	255742	8.11				
860-2789-11	Artesia-MW25-042821	252288	8.12				
860-2789-12	Artesia-MW28-042821	266417	8.11				
860-2789-13	Artesia-MW29-042821	267846	8.11				
860-2789-14	Artesia-MW31-042821	253514	8.12				
860-2789-15	Artesia-MW32-042821	266360	8.12				
860-2789-16	Artesia-MW34-042821	260670	8.12				
860-2789-17	Artesia-MW35-042821	260189	8.11				

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Sample No.: ICIS 860-5288/6 Date Analyzed: 04/27/2021 11:10

Instrument ID: A322 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): A3224208.D Heated Purge: (Y/N) N

Calibration ID: 678

		PFB		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		1009610	4.17	1484383	4.72	1231938	6.95
UPPER LIMIT		2019220	4.67	2968766	5.22	2463876	7.45
LOWER LIMIT		504805	3.67	742192	4.22	615969	6.45
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 860-5288/11		1056776	4.17	1551705	4.72	1266768	6.95
CCVIS 860-6026/2		830931	4.17	1242078	4.72	1121710	6.95
CCVIS 860-6039/2		725036	4.17	1117706	4.72	1039117	6.95

PFB = Pentafluorobenzene
DFBZ = 1,4-Difluorobenzene
CBNZd5 = Chlorobenzene-d5

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Sample No.: ICIS 860-5288/6 Date Analyzed: 04/27/2021 11:10

Instrument ID: A322 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): A3224208.D Heated Purge: (Y/N) N

Calibration ID: 678

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		600571	8.82				
UPPER LIMIT		1201142	9.32				
LOWER LIMIT		300286	8.32				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 860-5288/11		621023	8.82				
CCVIS 860-6026/2		578196	8.82				
CCVIS 860-6039/2		517667	8.82				

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Sample No.: CCVIS 860-6026/2 Date Analyzed: 05/01/2021 09:11

Instrument ID: A322 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): A3224442.D Heated Purge: (Y/N) N

Calibration ID: 678

		PFB		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		830931	4.17	1242078	4.72	1121710	6.95
UPPER LIMIT		1661862	4.67	2484156	5.22	2243420	7.45
LOWER LIMIT		415466	3.67	621039	4.22	560855	6.45
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 860-6026/3		902965	4.17	1355744	4.72	1197650	6.94
LCSD 860-6026/4		903067	4.17	1387079	4.72	1253177	6.94
860-2789-21 MS	Artesia-MW36-042821 MS	879779	4.17	1343869	4.72	1196791	6.95
860-2789-21 MSD	Artesia-MW36-042821 MSD	959724	4.17	1435321	4.72	1255186	6.95
MB 860-6026/10		752178	4.17	1200241	4.72	1010314	6.95
860-2789-1	Artesia-TB01-042821	745883	4.17	1211288	4.72	1045040	6.95
860-2789-21	Artesia-MW36-042821	706390	4.17	1161568	4.72	978768	6.95
860-2789-18	Artesia-MW12-042821	682665	4.17	1082676	4.72	939211	6.95

PFB = Pentafluorobenzene
DFBZ = 1,4-Difluorobenzene
CBNZd5 = Chlorobenzene-d5

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Sample No.: CCVIS 860-6026/2 Date Analyzed: 05/01/2021 09:11

Instrument ID: A322 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): A3224442.D Heated Purge: (Y/N) N

Calibration ID: 678

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		578196	8.82				
UPPER LIMIT		1156392	9.32				
LOWER LIMIT		289098	8.32				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 860-6026/3		610354	8.82				
LCSD 860-6026/4		638316	8.82				
860-2789-21 MS	Artesia-MW36-042821 MS	609958	8.82				
860-2789-21 MSD	Artesia-MW36-042821 MSD	626997	8.82				
MB 860-6026/10		447227	8.82				
860-2789-1	Artesia-TB01-042821	456411	8.82				
860-2789-21	Artesia-MW36-042821	473687	8.82				
860-2789-18	Artesia-MW12-042821	427626	8.82				

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Sample No.: CCVIS 860-6039/2 Date Analyzed: 05/01/2021 21:09

Instrument ID: A322 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): A3224475.D Heated Purge: (Y/N) N

Calibration ID: 678

		PFB		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		725036	4.17	1117706	4.72	1039117	6.95
UPPER LIMIT		1450072	4.67	2235412	5.22	2078234	7.45
LOWER LIMIT		362518	3.67	558853	4.22	519559	6.45
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 860-6039/3		816118	4.17	1266011	4.72	1136110	6.95
LCSD 860-6039/4		841655	4.17	1283087	4.72	1157914	6.95
MB 860-6039/10		716086	4.18	1157363	4.72	974223	6.95
860-2789-19	Artesia-MW11-042821	711840	4.17	1132408	4.72	942064	6.95
860-2789-20	Artesia-MD11-042821	674708	4.17	1093859	4.72	931660	6.95

PFB = Pentafluorobenzene
DFBZ = 1,4-Difluorobenzene
CBNZd5 = Chlorobenzene-d5

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Sample No.: CCVIS 860-6039/2 Date Analyzed: 05/01/2021 21:09

Instrument ID: A322 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): A3224475.D Heated Purge: (Y/N) N

Calibration ID: 678

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		517667	8.82				
UPPER LIMIT		1035334	9.32				
LOWER LIMIT		258834	8.32				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 860-6039/3		567993	8.82				
LCSD 860-6039/4		565755	8.82				
MB 860-6039/10		434696	8.82				
860-2789-19	Artesia-MW11-042821	425273	8.82				
860-2789-20	Artesia-MD11-042821	413499	8.82				

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Client Sample ID: Artesia-TB01-042821 Lab Sample ID: 860-2789-1

Matrix: Water Lab File ID: A3224451.D

Analysis Method: 8260C Date Collected: 04/28/2021 07:00

Sample wt/vol: 5(mL) Date Analyzed: 05/01/2021 13:12

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 6026 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.000216	U	0.00100	0.000216
71-43-2	Benzene	0.000214	U	0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.000244	U	0.00100	0.000244
127-18-4	Tetrachloroethene	0.000500	U	0.00100	0.000500
91-20-3	Naphthalene	0.00200	U	0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	110		74-124
1868-53-7	Dibromofluoromethane (Surr)	114		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	116		63-144
2037-26-5	Toluene-d8 (Surr)	103		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Client Sample ID: Artesia-Outlet-042821 Lab Sample ID: 860-2789-2

Matrix: Water Lab File ID: E12208756.D

Analysis Method: 8260C Date Collected: 04/28/2021 08:35

Sample wt/vol: 5(mL) Date Analyzed: 05/01/2021 13:27

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 6027 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.000216	U	0.00100	0.000216
71-43-2	Benzene	0.000214	U	0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.00155		0.00100	0.000244
127-18-4	Tetrachloroethene	0.000500	U	0.00100	0.000500
91-20-3	Naphthalene	0.00200	U	0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	101		74-124
1868-53-7	Dibromofluoromethane (Surr)	98		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		63-144
2037-26-5	Toluene-d8 (Surr)	99		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Client Sample ID: Artesia-MID-042821 Lab Sample ID: 860-2789-3

Matrix: Water Lab File ID: E12208757.D

Analysis Method: 8260C Date Collected: 04/28/2021 08:40

Sample wt/vol: 5(mL) Date Analyzed: 05/01/2021 13:46

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 6027 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.00649		0.00100	0.000216
71-43-2	Benzene	0.000214	U	0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.00316		0.00100	0.000244
127-18-4	Tetrachloroethene	0.000500	U	0.00100	0.000500
91-20-3	Naphthalene	0.00200	U	0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	99		74-124
1868-53-7	Dibromofluoromethane (Surr)	100		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		63-144
2037-26-5	Toluene-d8 (Surr)	101		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Client Sample ID: Artesia-Inlet-042821 Lab Sample ID: 860-2789-4

Matrix: Water Lab File ID: E12208758.D

Analysis Method: 8260C Date Collected: 04/28/2021 08:45

Sample wt/vol: 5(mL) Date Analyzed: 05/01/2021 14:05

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 6027 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.00787		0.00100	0.000216
71-43-2	Benzene	0.000214	U	0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.00235		0.00100	0.000244
127-18-4	Tetrachloroethene	0.00849		0.00100	0.000500
91-20-3	Naphthalene	0.00200	U	0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	100		74-124
1868-53-7	Dibromofluoromethane (Surr)	99		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		63-144
2037-26-5	Toluene-d8 (Surr)	100		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Client Sample ID: Artesia-MW30-042821 Lab Sample ID: 860-2789-5

Matrix: Water Lab File ID: E12208759.D

Analysis Method: 8260C Date Collected: 04/28/2021 09:00

Sample wt/vol: 5(mL) Date Analyzed: 05/01/2021 14:24

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 6027 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.00178		0.00100	0.000216
71-43-2	Benzene	0.000214	U	0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.00102		0.00100	0.000244
127-18-4	Tetrachloroethene	0.00266		0.00100	0.000500
91-20-3	Naphthalene	0.00200	U	0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	98		74-124
1868-53-7	Dibromofluoromethane (Surr)	99		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		63-144
2037-26-5	Toluene-d8 (Surr)	99		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Client Sample ID: Artesia-MD30-042821 Lab Sample ID: 860-2789-6

Matrix: Water Lab File ID: E12208760.D

Analysis Method: 8260C Date Collected: 04/28/2021 09:05

Sample wt/vol: 5(mL) Date Analyzed: 05/01/2021 14:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 6027 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.00205		0.00100	0.000216
71-43-2	Benzene	0.000214	U	0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.00107		0.00100	0.000244
127-18-4	Tetrachloroethene	0.00311		0.00100	0.000500
91-20-3	Naphthalene	0.00200	U	0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	101		74-124
1868-53-7	Dibromofluoromethane (Surr)	98		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		63-144
2037-26-5	Toluene-d8 (Surr)	100		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Client Sample ID: Artesia-MW37-042821 Lab Sample ID: 860-2789-7

Matrix: Water Lab File ID: E12208761.D

Analysis Method: 8260C Date Collected: 04/28/2021 10:25

Sample wt/vol: 5(mL) Date Analyzed: 05/01/2021 15:02

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 6027 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.00347		0.00100	0.000216
71-43-2	Benzene	0.00253		0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.0288		0.00100	0.000244
127-18-4	Tetrachloroethene	0.00393		0.00100	0.000500
91-20-3	Naphthalene	0.00200	U	0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	101		74-124
1868-53-7	Dibromofluoromethane (Surr)	99		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		63-144
2037-26-5	Toluene-d8 (Surr)	99		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Client Sample ID: Artesia-MW38-042821 Lab Sample ID: 860-2789-8

Matrix: Water Lab File ID: E12208762.D

Analysis Method: 8260C Date Collected: 04/28/2021 11:20

Sample wt/vol: 5(mL) Date Analyzed: 05/01/2021 15:21

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 6027 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.00336		0.00100	0.000216
71-43-2	Benzene	0.00140		0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.114		0.00100	0.000244
127-18-4	Tetrachloroethene	0.00456		0.00100	0.000500
91-20-3	Naphthalene	0.00200	U	0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	101		74-124
1868-53-7	Dibromofluoromethane (Surr)	99		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		63-144
2037-26-5	Toluene-d8 (Surr)	101		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Client Sample ID: Artesia-MW17C-042821 Lab Sample ID: 860-2789-9

Matrix: Water Lab File ID: E12208763.D

Analysis Method: 8260C Date Collected: 04/28/2021 12:15

Sample wt/vol: 5(mL) Date Analyzed: 05/01/2021 15:40

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 6027 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.000216	U	0.00100	0.000216
71-43-2	Benzene	0.000214	U	0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.000244	U	0.00100	0.000244
127-18-4	Tetrachloroethene	0.000500	U	0.00100	0.000500
91-20-3	Naphthalene	0.00200	U	0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	97		74-124
1868-53-7	Dibromofluoromethane (Surr)	99		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		63-144
2037-26-5	Toluene-d8 (Surr)	98		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Client Sample ID: Artesia-MW22-042821 Lab Sample ID: 860-2789-10

Matrix: Water Lab File ID: E12208764.D

Analysis Method: 8260C Date Collected: 04/28/2021 11:35

Sample wt/vol: 5(mL) Date Analyzed: 05/01/2021 15:59

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 6027 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.000216	U	0.00100	0.000216
71-43-2	Benzene	0.000214	U	0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.000244	U	0.00100	0.000244
127-18-4	Tetrachloroethene	0.000500	U	0.00100	0.000500
91-20-3	Naphthalene	0.00200	U	0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	101		74-124
1868-53-7	Dibromofluoromethane (Surr)	99		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		63-144
2037-26-5	Toluene-d8 (Surr)	102		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Client Sample ID: Artesia-MW25-042821 Lab Sample ID: 860-2789-11

Matrix: Water Lab File ID: E12208765.D

Analysis Method: 8260C Date Collected: 04/28/2021 12:15

Sample wt/vol: 5(mL) Date Analyzed: 05/01/2021 16:18

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 6027 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.000528	J	0.00100	0.000216
71-43-2	Benzene	0.000214	U	0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.000771	J	0.00100	0.000244
127-18-4	Tetrachloroethene	0.000500	U	0.00100	0.000500
91-20-3	Naphthalene	0.00200	U	0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	102		74-124
1868-53-7	Dibromofluoromethane (Surr)	98		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		63-144
2037-26-5	Toluene-d8 (Surr)	101		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Client Sample ID: Artesia-MW28-042821 Lab Sample ID: 860-2789-12

Matrix: Water Lab File ID: E12208766.D

Analysis Method: 8260C Date Collected: 04/28/2021 10:05

Sample wt/vol: 5(mL) Date Analyzed: 05/01/2021 16:37

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 6027 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.00506		0.00100	0.000216
71-43-2	Benzene	0.000214	U	0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.00306		0.00100	0.000244
127-18-4	Tetrachloroethene	0.00649		0.00100	0.000500
91-20-3	Naphthalene	0.00200	U	0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	99		74-124
1868-53-7	Dibromofluoromethane (Surr)	100		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		63-144
2037-26-5	Toluene-d8 (Surr)	100		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Client Sample ID: Artesia-MW29-042821 Lab Sample ID: 860-2789-13

Matrix: Water Lab File ID: E12208767.D

Analysis Method: 8260C Date Collected: 04/28/2021 09:30

Sample wt/vol: 5(mL) Date Analyzed: 05/01/2021 16:56

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 6027 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.0130		0.00100	0.000216
71-43-2	Benzene	0.000214	U	0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.00681		0.00100	0.000244
127-18-4	Tetrachloroethene	0.0197		0.00100	0.000500
91-20-3	Naphthalene	0.00200	U	0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	100		74-124
1868-53-7	Dibromofluoromethane (Surr)	98		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		63-144
2037-26-5	Toluene-d8 (Surr)	99		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Client Sample ID: Artesia-MW31-042821 Lab Sample ID: 860-2789-14

Matrix: Water Lab File ID: E12208768.D

Analysis Method: 8260C Date Collected: 04/28/2021 11:20

Sample wt/vol: 5(mL) Date Analyzed: 05/01/2021 17:15

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 6027 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.000216	U	0.00100	0.000216
71-43-2	Benzene	0.000214	U	0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.00116		0.00100	0.000244
127-18-4	Tetrachloroethene	0.000500	U	0.00100	0.000500
91-20-3	Naphthalene	0.00200	U	0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	101		74-124
1868-53-7	Dibromofluoromethane (Surr)	99		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		63-144
2037-26-5	Toluene-d8 (Surr)	101		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Client Sample ID: Artesia-MW32-042821 Lab Sample ID: 860-2789-15

Matrix: Water Lab File ID: E12208769.D

Analysis Method: 8260C Date Collected: 04/28/2021 12:00

Sample wt/vol: 5(mL) Date Analyzed: 05/01/2021 17:34

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 6027 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.000216	U	0.00100	0.000216
71-43-2	Benzene	0.000214	U	0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.000244	U	0.00100	0.000244
127-18-4	Tetrachloroethene	0.000500	U	0.00100	0.000500
91-20-3	Naphthalene	0.00200	U	0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	99		74-124
1868-53-7	Dibromofluoromethane (Surr)	99		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		63-144
2037-26-5	Toluene-d8 (Surr)	99		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Client Sample ID: Artesia-MW34-042821 Lab Sample ID: 860-2789-16

Matrix: Water Lab File ID: E12208770.D

Analysis Method: 8260C Date Collected: 04/28/2021 10:30

Sample wt/vol: 5(mL) Date Analyzed: 05/01/2021 17:53

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 6027 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.000216	U	0.00100	0.000216
71-43-2	Benzene	0.000214	U	0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.000973	J	0.00100	0.000244
127-18-4	Tetrachloroethene	0.000544	J	0.00100	0.000500
91-20-3	Naphthalene	0.00200	U	0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	100		74-124
1868-53-7	Dibromofluoromethane (Surr)	99		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		63-144
2037-26-5	Toluene-d8 (Surr)	100		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Client Sample ID: Artesia-MW35-042821 Lab Sample ID: 860-2789-17

Matrix: Water Lab File ID: E12208771.D

Analysis Method: 8260C Date Collected: 04/28/2021 09:45

Sample wt/vol: 5(mL) Date Analyzed: 05/01/2021 18:12

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 6027 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.0127		0.00100	0.000216
127-18-4	Tetrachloroethene	0.0137		0.00100	0.000500

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	99		74-124
1868-53-7	Dibromofluoromethane (Surr)	100		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		63-144
2037-26-5	Toluene-d8 (Surr)	100		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Client Sample ID: Artesia-MW12-042821 Lab Sample ID: 860-2789-18

Matrix: Water Lab File ID: A3224466.D

Analysis Method: 8260C Date Collected: 04/28/2021 13:10

Sample wt/vol: 5(mL) Date Analyzed: 05/01/2021 18:11

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 6026 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.000216	U	0.00100	0.000216
71-43-2	Benzene	0.000737	J	0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.0433		0.00100	0.000244
127-18-4	Tetrachloroethene	0.000500	U	0.00100	0.000500
91-20-3	Naphthalene	0.00200	U	0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	108		74-124
1868-53-7	Dibromofluoromethane (Surr)	114		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	122		63-144
2037-26-5	Toluene-d8 (Surr)	105		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Client Sample ID: Artesia-MW11-042821 Lab Sample ID: 860-2789-19

Matrix: Water Lab File ID: A3224486.D

Analysis Method: 8260C Date Collected: 04/28/2021 14:15

Sample wt/vol: 5(mL) Date Analyzed: 05/02/2021 00:47

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 6039 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.000216	U	0.00100	0.000216
71-43-2	Benzene	0.000214	U	0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.00360		0.00100	0.000244
127-18-4	Tetrachloroethene	0.000500	U	0.00100	0.000500
91-20-3	Naphthalene	0.00200	U	0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	108		74-124
1868-53-7	Dibromofluoromethane (Surr)	113		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	121		63-144
2037-26-5	Toluene-d8 (Surr)	107		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Client Sample ID: Artesia-MD11-042821 Lab Sample ID: 860-2789-20

Matrix: Water Lab File ID: A3224487.D

Analysis Method: 8260C Date Collected: 04/28/2021 14:20

Sample wt/vol: 5(mL) Date Analyzed: 05/02/2021 01:06

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 6039 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.000216	U	0.00100	0.000216
71-43-2	Benzene	0.000214	U	0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.00402		0.00100	0.000244
127-18-4	Tetrachloroethene	0.000500	U	0.00100	0.000500
91-20-3	Naphthalene	0.00200	U	0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	111		74-124
1868-53-7	Dibromofluoromethane (Surr)	113		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	118		63-144
2037-26-5	Toluene-d8 (Surr)	106		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Client Sample ID: Artesia-MW36-042821 Lab Sample ID: 860-2789-21

Matrix: Water Lab File ID: A3224454.D

Analysis Method: 8260C Date Collected: 04/28/2021 14:15

Sample wt/vol: 5(mL) Date Analyzed: 05/01/2021 14:11

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 6026 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.000216	U	0.00100	0.000216
71-43-2	Benzene	0.00131		0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.0174		0.00100	0.000244
127-18-4	Tetrachloroethene	0.00645		0.00100	0.000500
91-20-3	Naphthalene	0.00200	U	0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	102		74-124
1868-53-7	Dibromofluoromethane (Surr)	116		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	120		63-144
2037-26-5	Toluene-d8 (Surr)	105		80-117

Received by OCD: 3/25/2022 8:51:12 AM

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Stafford Job No.: 860-2789-1 Analy Batch No.: 5780

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2021 19:40 Calibration End Date: 04/29/2021 21:34 Calibration ID: 697

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-5780/2	860-0001243-034.D
Level 2	IC 860-5780/3	860-0001243-035.D
Level 3	IC 860-5780/4	860-0001243-036.D
Level 4	IC 860-5780/5	860-0001243-037.D
Level 5	ICIS 860-5780/6	860-0001243-038.D
Level 6	IC 860-5780/7	860-0001243-039.D
Level 7	IC 860-5780/8	860-0001243-040.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Propene	+++++ 0.2640	0.3243 0.2410	0.3045	0.2626	0.2696	Ave		0.2777				11.1		20.0			
Dichlorodifluoromethane	0.2102 0.3261	0.3400 0.3005	0.3471	0.3079	0.3251	Ave		0.3081				15.0		20.0			
Chloromethane	0.4144 0.4315	0.4452 0.4006	0.4448	0.4293	0.4362	Ave		0.4289				3.8		20.0			
Vinyl chloride	0.4024 0.4466	0.4641 0.4064	0.4720	0.4492	0.4538	Ave		0.4421				6.2		20.0			
1,3-Butadiene	0.3188 0.3758	0.3960 0.3443	0.3932	0.3702	0.3789	Ave		0.3682				7.5		20.0			
Bromomethane	+++++ 0.2480	0.4122 0.1806	0.3810	0.3320	0.3059	Qua	0.1013	0.3708	-0.001268			7.7			1.0000		0.9900
Chloroethane	0.5109 0.2347	0.3524 0.1945	0.2826	0.2713	0.2608	Qua	0.0409	0.2994	-0.000694			30.2			0.9990		0.9900
Trichlorofluoromethane	0.4406 0.5872	0.5903 0.5406	0.6174	0.5849	0.6017	Ave		0.5661				10.6		20.0			
Acrolein	0.0724 0.0877	0.0811 0.0830	0.0865	0.0843	0.0844	Ave		0.0828				6.1		20.0			
1,1-Dichloroethene	0.3333 0.3967	0.4031 0.3627	0.4150	0.4022	0.4013	Ave		0.3878				7.5		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.1920 0.3045	0.3037 0.2826	0.3201	0.2853	0.3064	Ave		0.2849				15.1		20.0			
Acetone	0.0621 0.0471	0.0493 0.0451	0.0477	0.0466	0.0452	Ave		0.0490				12.1		20.0			
Iodomethane (Methyl Iodide)	+++++ 0.5934	0.4400 0.5304	0.5152	0.5669	0.5990	Ave		0.5408				11.0		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

Released to Imaging: 6/14/2022 10:51:35 AM

Received by OCD: 3/25/2022 8:51:12 AM

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Stafford Job No.: 860-2789-1 Analy Batch No.: 5780

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2021 19:40 Calibration End Date: 04/29/2021 21:34 Calibration ID: 697

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Carbon disulfide	1.1442 1.1998	1.2564 1.0906	1.2477	1.2278	1.2225	Ave		1.1984				5.0		20.0			
Acetonitrile	+++++ 0.0361	0.0357 0.0371	0.0349	0.0334	0.0368	Ave		0.0357				3.8		20.0			
Allyl Chloride (3-Chloropropene)	0.1774 0.2165	0.2192 0.2455	0.2104	0.2117	0.2441	Ave		0.2178				10.6		20.0			
Methyl acetate	0.3113 0.3491	0.3352 0.3344	0.3545	0.3393	0.3418	Ave		0.3379				4.1		20.0			
Methylene Chloride	0.5760 0.4487	0.5076 0.4210	0.4970	0.4638	0.4579	Ave		0.4817				10.5		20.0			
tert-Butyl alcohol	0.0421 0.0398	0.0342 0.0404	0.0395	0.0389	0.0384	Ave		0.0390				6.3		20.0			
Acrylonitrile	0.1529 0.1795	0.1691 0.1727	0.1806	0.1732	0.1754	Ave		0.1719				5.4		20.0			
trans-1,2-Dichloroethene	0.3788 0.4367	0.4656 0.4022	0.4560	0.4459	0.4392	Ave		0.4321				7.1		20.0			
MTBE	1.1720 1.3328	1.3492 1.2733	1.3814	1.3348	1.3276	Ave		1.3102				5.3		20.0			
n-Hexane	0.3679 0.5332	0.5464 0.5119	0.5635	0.5056	0.5341	Ave		0.5089				12.8		20.0			
1,1-Dichloroethane	0.6905 0.7673	0.8102 0.7241	0.8163	0.7876	0.7888	Ave		0.7693				6.0		20.0			
Vinyl acetate	0.8594 0.8531	0.9307 0.8971	1.0763	0.9761	0.9036	Ave		0.9280				8.4		20.0			
Isopropyl ether	1.2722 1.2902	1.4090 1.2067	1.4188	1.3712	1.3243	Ave		1.3275				5.8		20.0			
Chloroprene	0.4985 0.5232	0.6390 0.5826	0.5589	0.5208	0.6082	Ave		0.5616				9.1		20.0			
Ethyl tert-butyl ether	1.2672 1.3918	1.4251 1.3261	1.4558	1.4090	1.3857	Ave		1.3801				4.6		20.0			
2,2-Dichloropropane	0.6035 0.6345	0.6571 0.5863	0.6767	0.6550	0.6469	Ave		0.6371				5.0		20.0			
cis-1,2-Dichloroethene	0.6604 0.7267	0.7467 0.6751	0.7657	0.7420	0.7348	Ave		0.7216				5.4		20.0			
2-Butanone	0.0462 0.0578	0.0533 0.0560	0.0580	0.0562	0.0562	Ave		0.0548				7.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

Released to Imaging: 6/14/2022 10:51:35 AM

Received by OCD: 3/25/2022 8:51:12 AM

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Stafford Job No.: 860-2789-1 Analy Batch No.: 5780

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2021 19:40 Calibration End Date: 04/29/2021 21:34 Calibration ID: 697

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Propane Nitrile (Propionitrile)	+++++ 0.0669	0.0649 0.0686	0.0659	0.0688	0.0684	Ave		0.0673				2.4		20.0			
Methacrylonitrile	0.2021 0.2073	0.1973 0.2073	0.2008	0.2019	0.2083	Ave		0.2036				2.0		20.0			
Bromochloromethane	0.2858 0.3274	0.3268 0.3123	0.3463	0.3322	0.3259	Ave		0.3224				5.9		20.0			
Tetrahydrofuran	+++++ 0.1385	0.1403 0.1331	0.1558	0.1379	0.1395	Ave		0.1409				5.5		20.0			
Chloroform	0.7174 0.7938	0.8515 0.7404	0.8475	0.8208	0.8014	Ave		0.7961				6.4		20.0			
1,1,1-Trichloroethane	0.6333 0.6710	0.6991 0.6163	0.6994	0.6728	0.6756	Ave		0.6668				4.7		20.0			
Cyclohexane	+++++ 0.5276	0.7983 0.4960	0.6915	0.5480	0.5450	Ave		0.6011				19.6		20.0			
1,1-Dichloropropene	0.5359 0.5937	0.6249 0.5482	0.6271	0.6098	0.5966	Ave		0.5909				6.1		20.0			
Carbon tetrachloride	0.5210 0.5860	0.6030 0.5466	0.5914	0.5819	0.5870	Ave		0.5739				5.1		20.0			
Isobutanol	0.0107 0.0106	0.0096 0.0106	0.0107	0.0110	0.0108	Ave		0.0106				4.1		20.0			
Benzene	1.2964 1.2426	1.3613 1.1533	1.3219	1.2883	1.2657	Ave		1.2757				5.2		20.0			
1,2-Dichloroethane	0.3915 0.4212	0.4412 0.4005	0.4501	0.4345	0.4254	Ave		0.4235				5.0		20.0			
2,2,4-Trimethylpentane	0.5990 0.8114	0.8101 0.7809	0.7335	0.7513	0.8076	Ave		0.7563				10.0		20.0			
Tert-amyl methyl ether	0.8154 0.9035	0.9134 0.8668	0.9200	0.9207	0.9100	Ave		0.8928				4.3		20.0			
Trichloroethene	0.2829 0.3316	0.3394 0.3056	0.3335	0.3335	0.3286	Ave		0.3221				6.3		20.0			
Methylcyclohexane	0.3246 0.4617	0.4594 0.4452	0.4763	0.4369	0.4584	Ave		0.4375				11.7		20.0			
1,2-Dichloropropane	0.3090 0.3525	0.3580 0.3324	0.3639	0.3555	0.3551	Ave		0.3466				5.6		20.0			
Dibromomethane	0.1986 0.2131	0.2154 0.2037	0.2206	0.2122	0.2119	Ave		0.2108				3.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Stafford Job No.: 860-2789-1 Analy Batch No.: 5780

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2021 19:40 Calibration End Date: 04/29/2021 21:34 Calibration ID: 697

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Methyl methacrylate	0.2295 0.2401	0.2384 0.2397	0.2314	0.2283	0.2395	Ave		0.2353				2.3		20.0			
1,4-Dioxane (P-Dioxane)	+++++ 0.0026	0.0014 +++++	0.0026	0.0023	0.0024	Lin1	-0.0045	0.0026				12.3			0.9960		0.9900
Bromodichloromethane	0.3555 0.4289	0.4405 0.4089	0.4369	0.4297	0.4256	Ave		0.4180				7.0		20.0			
2-Chloroethyl vinyl ether	0.1583 0.2089	0.1975 0.2029	0.2004	0.2005	0.2042	Ave		0.1961				8.7		20.0			
cis-1,3-Dichloropropene	0.4433 0.5400	0.5170 0.5174	0.5270	0.5319	0.5322	Ave		0.5155				6.4		20.0			
4-Methyl-2-pentanone	0.2796 0.2975	0.2883 0.2812	0.3026	0.2942	0.2948	Ave		0.2912				2.9		20.0			
Toluene	0.9058 0.8890	0.9775 0.8372	0.9478	0.9136	0.9110	Ave		0.9117				4.8		20.0			
trans-1,3-Dichloropropene	0.5101 0.5587	0.5578 0.5439	0.5605	0.5540	0.5561	Ave		0.5487				3.3		20.0			
Ethyl methacrylate	0.4538 0.5465	0.5111 0.5313	0.5389	0.5246	0.5438	Ave		0.5214				6.2		20.0			
1,1,2-Trichloroethane	0.2705 0.3068	0.3115 0.2963	0.3164	0.3104	0.3128	Ave		0.3035				5.2		20.0			
Tetrachloroethene	0.3067 0.3221	0.3354 0.2997	0.3309	0.3274	0.3309	Ave		0.3219				4.2		20.0			
1,3-Dichloropropane	0.5171 0.5641	0.5922 0.5400	0.5869	0.5627	0.5666	Ave		0.5614				4.6		20.0			
2-Hexanone	0.2150 0.2489	0.2439 0.2380	0.2505	0.2430	0.2504	Ave		0.2414				5.2		20.0			
Dibromochloromethane	0.3490 0.3963	0.3916 0.3862	0.3906	0.3879	0.3918	Ave		0.3848				4.2		20.0			
1,2-Dibromoethane	0.3168 0.3699	0.3699 0.3600	0.3714	0.3644	0.3712	Ave		0.3605				5.5		20.0			
1-Chlorohexane	0.7333 0.3383	0.4372 0.3212	0.3863	0.3538	0.3510	Lin1	0.4513	0.3286				7.5			0.9990		0.9900
Chlorobenzene	0.9791 1.0089	1.0522 0.9580	1.0611	1.0329	1.0302	Ave		1.0175				3.7		20.0			
1,1,1,2-Tetrachloroethane	0.3039 0.3697	0.3720 0.3513	0.3710	0.3691	0.3697	Ave		0.3581				7.0		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Stafford Job No.: 860-2789-1 Analy Batch No.: 5780

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2021 19:40 Calibration End Date: 04/29/2021 21:34 Calibration ID: 697

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Ethylbenzene	1.5988 1.6955	1.8053 1.5927	1.7734	1.7372	1.7509	Ave		1.7077				4.9		20.0			
m,p-Xylenes	1.2596 1.3233	1.4242 1.2325	1.4060	1.3609	1.3612	Ave		1.3382				5.3		20.0			
o-Xylene	1.2869 1.3853	1.4784 1.3078	1.4503	1.4079	1.4129	Ave		1.3899				5.1		20.0			
Styrene	0.9968 1.0854	1.1069 1.0343	1.1054	1.0832	1.0950	Ave		1.0724				3.9		20.0			
Bromoform	0.2150 0.2752	0.2594 0.2708	0.2546	0.2551	0.2663	Ave		0.2566				7.8		20.0			
Isopropylbenzene	1.5038 1.6533	1.7092 1.5683	1.7355	1.6892	1.6814	Ave		1.6487				5.0		20.0			
1,1,2,2-Tetrachloroethane	0.7768 0.8561	0.8740 0.8977	0.8828	0.8600	0.8653	Ave		0.8589				4.5		20.0			
Bromobenzene	0.8321 0.8843	0.9331 0.8917	0.9089	0.9008	0.8953	Ave		0.8923				3.5		20.0			
1,2,3-Trichloropropane	0.8712 0.9973	0.9684 1.0253	0.9835	0.9877	0.9866	Ave		0.9743				5.0		20.0			
trans-1,4-Dichloro-2-butene	0.1667 0.2023	0.1912 0.2064	0.1941	0.1925	0.1980	Ave		0.1930				6.7		20.0			
N-Propylbenzene	3.5202 3.8058	4.1167 3.7561	3.9383	3.9327	3.9132	Ave		3.8547				4.8		20.0			
2-Chlorotoluene	2.5169 2.6467	2.8416 2.6212	2.7419	2.7274	2.7005	Ave		2.6851				3.8		20.0			
4-Ethyltoluene	2.9425 3.2304	3.4185 3.1873	3.3160	3.3037	3.3243	Ave		3.2461				4.7		20.0			
1,3,5-Trimethylbenzene	2.5486 2.7923	2.9837 2.7709	2.8729	2.8727	2.8605	Ave		2.8145				4.8		20.0			
4-Chlorotoluene	2.4728 2.6593	2.8733 2.6344	2.7822	2.7582	2.7302	Ave		2.7015				4.7		20.0			
tert-Butylbenzene	2.1241 2.3387	2.5088 2.3441	2.3696	2.3411	2.3723	Ave		2.3427				4.8		20.0			
1,2,4-Trimethylbenzene	2.4999 2.7612	2.9303 2.7630	2.8314	2.8050	2.8151	Ave		2.7723				4.8		20.0			
sec-Butylbenzene	2.9830 3.3782	3.5706 3.3774	3.4954	3.4480	3.4552	Ave		3.3868				5.6		20.0			

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FORM VI
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CURVE EVALUATION

Lab Name: Eurofins Stafford Job No.: 860-2789-1 Analy Batch No.: 5780

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2021 19:40 Calibration End Date: 04/29/2021 21:34 Calibration ID: 697

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,3-Dichlorobenzene	1.5122 1.6268	1.7379 1.6503	1.6677	1.6529	1.6523	Ave		1.6429				4.1		20.0			
p-Cymene (p-Isopropyltoluene)	2.5140 2.9154	3.0230 2.9369	2.9796	2.9639	2.9689	Ave		2.9002				6.0		20.0			
1,4-Dichlorobenzene	1.5610 1.6189	1.7481 1.6404	1.6648	1.6234	1.6517	Ave		1.6441				3.4		20.0			
Dicyclopentadiene	3.1683 3.3746	3.6861 3.3230	3.5934	3.5406	3.4703	Ave		3.4509				5.1		20.0			
n-Butylbenzene	2.1630 2.5837	2.6804 2.6154	2.6055	2.6134	2.6350	Ave		2.5566				6.9		20.0			
1,2-Dichlorobenzene	1.4177 1.5354	1.6331 1.5652	1.5542	1.5458	1.5562	Ave		1.5439				4.2		20.0			
1,2-Dibromo-3-Chloropropane	0.1314 0.1765	0.1511 0.1909	0.1545	0.1611	0.1685	Ave		0.1620				11.8		20.0			
1,2,4-Trichlorobenzene	0.9502 1.1118	1.0221 1.1492	1.0431	1.0618	1.0971	Ave		1.0622				6.2		20.0			
Hexachlorobutadiene	0.3975 0.5139	0.5007 0.5306	0.5077	0.5110	0.5166	Ave		0.4968				9.0		20.0			
Naphthalene	1.7972 2.2777	1.9084 2.3941	2.1349	2.1762	2.1988	Ave		2.1268				9.8		20.0			
1,2,3-Trichlorobenzene	0.7568 0.9128	0.8582 0.9654	0.8661	0.8795	0.8920	Ave		0.8758				7.3		20.0			
2-Methylnaphthalene	+++++ 0.6943	0.4451 0.8050	0.6251	0.6306	0.6229	Ave		0.6372				18.4		20.0			
1-Methylnaphthalene	+++++ 0.4978	0.3295 0.5900	0.4733	0.4667	0.4570	Ave		0.4690				17.9		20.0			
Dibromofluoromethane (Surr)	0.4511 0.4503	0.4571 0.4555	0.4587	0.4566	0.4507	Ave		0.4543				0.8		20.0			
1,2-Dichloroethane-d4 (Surr)	0.3460 0.3366	0.3510 0.3390	0.3483	0.3416	0.3402	Ave		0.3432				1.5		20.0			
Toluene-d8 (Surr)	1.4069 1.3801	1.4233 1.4040	1.3985	1.4019	1.4026	Ave		1.4025				0.9		20.0			
4-Bromofluorobenzene (Surr)	0.9843 0.9882	0.9914 1.0212	0.9915	0.9854	0.9909	Ave		0.9933				1.3		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Stafford Job No.: 860-2789-1 Analy Batch No.: 5780

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2021 19:40 Calibration End Date: 04/29/2021 21:34 Calibration ID: 697

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-5780/2	860-0001243-034.D
Level 2	IC 860-5780/3	860-0001243-035.D
Level 3	IC 860-5780/4	860-0001243-036.D
Level 4	IC 860-5780/5	860-0001243-037.D
Level 5	ICIS 860-5780/6	860-0001243-038.D
Level 6	IC 860-5780/7	860-0001243-039.D
Level 7	IC 860-5780/8	860-0001243-040.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Propene	PFB	Ave	+++++ 239332	15319 314243	28087	60631	124305	+++++ 100	5.00 150	10.0	25.0	50.0
Dichlorodifluoromethane	PFB	Ave	1981 295593	16061 391883	32015	71097	149895	1.00 100	5.00 150	10.0	25.0	50.0
Chloromethane	PFB	Ave	3906 391090	21031 522448	41026	99122	201152	1.00 100	5.00 150	10.0	25.0	50.0
Vinyl chloride	PFB	Ave	3793 404824	21925 529902	43535	103714	209271	1.00 100	5.00 150	10.0	25.0	50.0
1,3-Butadiene	PFB	Ave	3005 340625	18708 449000	36266	85492	174730	1.00 100	5.00 150	10.0	25.0	50.0
Bromomethane	PFB	Qua	+++++ 224782	19472 235511	35140	76669	141055	+++++ 100	5.00 150	10.0	25.0	50.0
Chloroethane	PFB	Qua	4816 212744	16646 253659	26065	62647	120241	1.00 100	5.00 150	10.0	25.0	50.0
Trichlorofluoromethane	PFB	Ave	4153 532272	27884 704974	56943	135068	277453	1.00 100	5.00 150	10.0	25.0	50.0
Acrolein	PFB	Ave	3414 397477	19151 541051	39874	97312	194581	5.00 500	25.0 750	50.0	125	250
1,1-Dichloroethene	PFB	Ave	3142 359548	19042 472972	38277	92865	185054	1.00 100	5.00 150	10.0	25.0	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	PFB	Ave	1810 275984	14347 368513	29521	65873	141280	1.00 100	5.00 150	10.0	25.0	50.0
Acetone	PFB	Ave	2927 213632	11655 293942	22002	53858	104145	5.00 500	25.0 750	50.0	125	250
Iodomethane (Methyl Iodide)	PFB	Ave	+++++ 537845	20784 691701	47519	130899	276228	+++++ 100	5.00 150	10.0	25.0	50.0

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RESPONSE AND CONCENTRATION

Lab Name: Eurofins Stafford Job No.: 860-2789-1 Analy Batch No.: 5780

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2021 19:40 Calibration End Date: 04/29/2021 21:34 Calibration ID: 697

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Carbon disulfide	PFB	Ave	10785 1087504	59352 1422207	115074	283511	563696	1.00 100	5.00 150	10.0	25.0	50.0
Acetonitrile	PFB	Ave	+++++ 163460	8425 241979	16092	38614	84941	+++++ 500	25.0 750	50.0	125	250
Allyl Chloride (3-Chloropropene)	PFB	Ave	1672 196234	10356 320092	19403	48882	112553	1.00 100	5.00 150	10.0	25.0	50.0
Methyl acetate	PFB	Ave	29346 3164007	158344 4360598	326975	783449	1575929	10.0 1000	50.0 1500	100	250	500
Methylene Chloride	PFB	Ave	5429 406745	23977 549016	45834	107099	211153	1.00 100	5.00 150	10.0	25.0	50.0
tert-Butyl alcohol	PFB	Ave	1985 180203	8069 263582	18210	44964	88602	5.00 500	25.0 750	50.0	125	250
Acrylonitrile	PFB	Ave	7207 813487	39940 1126167	83289	200007	404302	5.00 500	25.0 750	50.0	125	250
trans-1,2-Dichloroethene	PFB	Ave	3570 395859	21996 524455	42055	102959	202517	1.00 100	5.00 150	10.0	25.0	50.0
MTBE	PFB	Ave	11047 1208065	63733 1660477	127402	308209	612202	1.00 100	5.00 150	10.0	25.0	50.0
n-Hexane	PFB	Ave	3468 483270	25810 667529	51971	116744	246275	1.00 100	5.00 150	10.0	25.0	50.0
1,1-Dichloroethane	PFB	Ave	6508 695516	38274 944218	75286	181862	363742	1.00 100	5.00 150	10.0	25.0	50.0
Vinyl acetate	PFB	Ave	40510 3866741	219857 5850339	496420	1127141	2083786	5.00 500	25.0 750	50.0	125	250
Isopropyl ether	PFB	Ave	11991 1169448	66558 1573625	130855	316609	610668	1.00 100	5.00 150	10.0	25.0	50.0
Chloroprene	PFB	Ave	4699 474186	30184 759772	51544	120264	280433	1.00 100	5.00 150	10.0	25.0	50.0
Ethyl tert-butyl ether	PFB	Ave	11944 1261506	67317 1729309	134266	325354	638969	1.00 100	5.00 150	10.0	25.0	50.0
2,2-Dichloropropane	PFB	Ave	5688 575067	31042 764533	62408	151238	298294	1.00 100	5.00 150	10.0	25.0	50.0
cis-1,2-Dichloroethene	PFB	Ave	6225 658647	35274 880367	70616	171329	338819	1.00 100	5.00 150	10.0	25.0	50.0
2-Butanone	PFB	Ave	2176 262150	12600 365014	26766	64909	129548	5.00 500	25.0 750	50.0	125	250

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Lab Name: Eurofins Stafford Job No.: 860-2789-1 Analy Batch No.: 5780

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2021 19:40 Calibration End Date: 04/29/2021 21:34 Calibration ID: 697

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Propane Nitrile (Propionitrile)	PFB	Ave	+++++ 60636	3065 89487	6076	15895	31543	+++++ 100	5.00 150	10.0	25.0	50.0
Methacrylonitrile	PFB	Ave	1905 187931	9318 270341	18520	46629	96031	1.00 100	5.00 150	10.0	25.0	50.0
Bromochloromethane	PFB	Ave	2694 296744	15438 407226	31939	76715	150261	1.00 100	5.00 150	10.0	25.0	50.0
Tetrahydrofuran	PFB	Ave	+++++ 125563	6629 173534	14369	31847	64306	+++++ 100	5.00 150	10.0	25.0	50.0
Chloroform	PFB	Ave	6762 719512	40222 965480	78161	189533	369517	1.00 100	5.00 150	10.0	25.0	50.0
1,1,1-Trichloroethane	PFB	Ave	5969 608227	33022 803714	64505	155356	311547	1.00 100	5.00 150	10.0	25.0	50.0
Cyclohexane	PFB	Ave	+++++ 478222	37712 646743	63775	126544	251326	+++++ 100	5.00 150	10.0	25.0	50.0
1,1-Dichloropropene	PFB	Ave	5051 538134	29518 714850	57838	140807	275121	1.00 100	5.00 150	10.0	25.0	50.0
Carbon tetrachloride	PFB	Ave	4911 531170	28484 712843	54546	134375	270677	1.00 100	5.00 150	10.0	25.0	50.0
Isobutanol	DFBZ	Ave	1460 138634	6590 199164	14416	36622	71619	10.0 1000	50.0 1500	100	250	500
Benzene	DFBZ	Ave	17695 1626851	93074 2177007	178732	429824	841307	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dichloroethane	DFBZ	Ave	5343 551468	30167 755875	60851	144962	282756	1.00 100	5.00 150	10.0	25.0	50.0
2,2,4-Trimethylpentane	DFBZ	Ave	16351 2124761	110777 2947894	198343	501319	1073626	2.00 200	10.0 300	20.0	50.0	100
Tert-amyl methyl ether	DFBZ	Ave	11129 1182960	62451 1636119	124387	307189	604834	1.00 100	5.00 150	10.0	25.0	50.0
Trichloroethene	DFBZ	Ave	3861 434215	23205 576749	45086	111262	218399	1.00 100	5.00 150	10.0	25.0	50.0
Methylcyclohexane	DFBZ	Ave	4431 604465	31409 840293	64398	145772	304706	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dichloropropane	DFBZ	Ave	4217 461552	24479 627516	49196	118621	235999	1.00 100	5.00 150	10.0	25.0	50.0
Dibromomethane	DFBZ	Ave	2711 279060	14725 384544	29822	70805	140836	1.00 100	5.00 150	10.0	25.0	50.0

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RESPONSE AND CONCENTRATION

Lab Name: Eurofins Stafford Job No.: 860-2789-1 Analy Batch No.: 5780

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2021 19:40 Calibration End Date: 04/29/2021 21:34 Calibration ID: 697

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Methyl methacrylate	DFBZ	Ave	3132 314343	16302 452530	31291	76156	159194	1.00 100	5.00 150	10.0	25.0	50.0
1,4-Dioxane (P-Dioxane)	DFBZ	Lin1	+++++ 33818	940 +++++	3474	7805	15812	+++++ 1000	50.0 +++++	100	250	500
Bromodichloromethane	DFBZ	Ave	4852 561507	30120 771852	59071	143355	282899	1.00 100	5.00 150	10.0	25.0	50.0
2-Chloroethyl vinyl ether	DFBZ	Ave	2160 273493	13502 383024	27099	66885	135704	1.00 100	5.00 150	10.0	25.0	50.0
cis-1,3-Dichloropropene	DFBZ	Ave	6051 706994	35345 976547	71248	177469	353718	1.00 100	5.00 150	10.0	25.0	50.0
4-Methyl-2-pentanone	DFBZ	Ave	19081 1947340	98554 2654079	204577	490838	979605	5.00 500	25.0 750	50.0	125	250
Toluene	CBNZ d5	Ave	10520 1001393	56236 1350297	108547	260755	512401	1.00 100	5.00 150	10.0	25.0	50.0
trans-1,3-Dichloropropene	CBNZ d5	Ave	5925 629385	32090 877195	64200	158116	312761	1.00 100	5.00 150	10.0	25.0	50.0
Ethyl methacrylate	CBNZ d5	Ave	5271 615623	29407 856888	61725	149720	305863	1.00 100	5.00 150	10.0	25.0	50.0
1,1,2-Trichloroethane	CBNZ d5	Ave	3142 345625	17922 477902	36240	88598	175922	1.00 100	5.00 150	10.0	25.0	50.0
Tetrachloroethene	CBNZ d5	Ave	3562 362850	19295 483459	37902	93446	186104	1.00 100	5.00 150	10.0	25.0	50.0
1,3-Dichloropropane	CBNZ d5	Ave	6006 635444	34071 870973	67219	160598	318664	1.00 100	5.00 150	10.0	25.0	50.0
2-Hexanone	CBNZ d5	Ave	12486 1401833	70158 1919530	143435	346835	704166	5.00 500	25.0 750	50.0	125	250
Dibromochloromethane	CBNZ d5	Ave	4053 446366	22529 622849	44736	110717	220380	1.00 100	5.00 150	10.0	25.0	50.0

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Stafford Job No.: 860-2789-1 Analy Batch No.: 5780

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2021 19:40 Calibration End Date: 04/29/2021 21:34 Calibration ID: 697

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,2-Dibromoethane	CBNZ d5	Ave	3680 416632	21279 580690	42540	104005	208764	1.00 100	5.00 150	10.0	25.0	50.0
1-Chlorohexane	CBNZ d5	Lin1	8517 381132	25154 518108	44245	100966	197404	1.00 100	5.00 150	10.0	25.0	50.0
Chlorobenzene	CBNZ d5	Ave	11372 1136427	60534 1545114	121523	294810	579439	1.00 100	5.00 150	10.0	25.0	50.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	3530 416504	21404 566597	42492	105357	207907	1.00 100	5.00 150	10.0	25.0	50.0
Ethylbenzene	CBNZ d5	Ave	18569 1909922	103867 2568895	203110	495802	984801	1.00 100	5.00 150	10.0	25.0	50.0
m,p-Xylenes	CBNZ d5	Ave	29259 2981248	163878 3975762	322050	776858	1531162	2.00 200	10.0 300	20.0	50.0	100
o-Xylene	CBNZ d5	Ave	14947 1560496	85055 2109276	166108	401822	794663	1.00 100	5.00 150	10.0	25.0	50.0
Styrene	CBNZ d5	Ave	11578 1222619	63685 1668121	126600	309146	615884	1.00 100	5.00 150	10.0	25.0	50.0
Bromoform	CBNZ d5	Ave	2497 309969	14924 436703	29165	72818	149789	1.00 100	5.00 150	10.0	25.0	50.0
Isopropylbenzene	CBNZ d5	Ave	17466 1862340	98335 2529483	198772	482130	945711	1.00 100	5.00 150	10.0	25.0	50.0
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	4581 489404	25182 704359	51921	124154	245609	1.00 100	5.00 150	10.0	25.0	50.0
Bromobenzene	DCBd 4	Ave	4907 505518	26886 699724	53455	130040	254127	1.00 100	5.00 150	10.0	25.0	50.0

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Stafford Job No.: 860-2789-1 Analy Batch No.: 5780

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2021 19:40 Calibration End Date: 04/29/2021 21:34 Calibration ID: 697

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,2,3-Trichloropropane	DCBd 4	Ave	5138 570104	27903 804542	57843	142594	280042	1.00 100	5.00 150	10.0	25.0	50.0
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	983 115662	5509 161952	11414	27795	56209	1.00 100	5.00 150	10.0	25.0	50.0
N-Propylbenzene	DCBd 4	Ave	20760 2175661	118619 2947309	231634	567740	1110705	1.00 100	5.00 150	10.0	25.0	50.0
2-Chlorotoluene	DCBd 4	Ave	14843 1513011	81877 2056741	161269	393741	766496	1.00 100	5.00 150	10.0	25.0	50.0
4-Ethyltoluene	DCBd 4	Ave	17353 1846692	98499 2500972	195035	476932	943572	1.00 100	5.00 150	10.0	25.0	50.0
1,3,5-Trimethylbenzene	DCBd 4	Ave	15030 1596295	85971 2174242	168972	414721	811927	1.00 100	5.00 150	10.0	25.0	50.0
4-Chlorotoluene	DCBd 4	Ave	14583 1520209	82791 2067093	163640	398185	774946	1.00 100	5.00 150	10.0	25.0	50.0
tert-Butylbenzene	DCBd 4	Ave	12527 1336986	72287 1839339	139370	337980	673354	1.00 100	5.00 150	10.0	25.0	50.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	14743 1578510	84432 2168060	166529	404938	799021	1.00 100	5.00 150	10.0	25.0	50.0
sec-Butylbenzene	DCBd 4	Ave	17592 1931203	102884 2650125	205587	497773	980710	1.00 100	5.00 150	10.0	25.0	50.0
1,3-Dichlorobenzene	DCBd 4	Ave	8918 929994	50076 1294965	98090	238619	468977	1.00 100	5.00 150	10.0	25.0	50.0
p-Cymene (p-Isopropyltoluene)	DCBd 4	Ave	14826 1666627	87105 2304527	175246	427880	842690	1.00 100	5.00 150	10.0	25.0	50.0

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FORM VI
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RESPONSE AND CONCENTRATION

Lab Name: Eurofins Stafford Job No.: 860-2789-1 Analy Batch No.: 5780

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2021 19:40 Calibration End Date: 04/29/2021 21:34 Calibration ID: 697

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,4-Dichlorobenzene	DCBd 4	Ave	9206 925493	50371 1287178	97914	234368	468821	1.00 100	5.00 150	10.0	25.0	50.0
Dicyclopentadiene	DCBd 4	Ave	18685 1929175	106211 2607485	211350	511141	985007	1.00 100	5.00 150	10.0	25.0	50.0
n-Butylbenzene	DCBd 4	Ave	12756 1477046	77234 2052209	153248	377285	747901	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dichlorobenzene	DCBd 4	Ave	8361 877740	47055 1228147	91410	223163	441708	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	775 100889	4353 149761	9086	23251	47827	1.00 100	5.00 150	10.0	25.0	50.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	5604 635579	29450 901743	61349	153283	311400	1.00 100	5.00 150	10.0	25.0	50.0
Hexachlorobutadiene	DCBd 4	Ave	2344 293754	14428 416309	29860	73772	146624	1.00 100	5.00 150	10.0	25.0	50.0
Naphthalene	DCBd 4	Ave	10599 1302103	54989 1878606	125567	314173	624103	1.00 100	5.00 150	10.0	25.0	50.0
1,2,3-Trichlorobenzene	DCBd 4	Ave	4463 521838	24728 757495	50940	126973	253190	1.00 100	5.00 150	10.0	25.0	50.0
2-Methylnaphthalene	DCBd 4	Ave	+++++ 396910	12825 631629	36764	91038	176795	+++++ 100	5.00 150	10.0	25.0	50.0
1-Methylnaphthalene	DCBd 4	Ave	+++++ 284551	9494 462988	27837	67372	129704	+++++ 100	5.00 150	10.0	25.0	50.0
Dibromofluoromethane (Surr)	PFB	Ave	212619 204073	215926 197975	211509	210842	207806	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	DFBZ	Ave	236123	239989	235454	227945	226140	50.0	50.0	50.0	50.0	50.0

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GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Stafford Job No.: 860-2789-1 Analy Batch No.: 5780

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2021 19:40 Calibration End Date: 04/29/2021 21:34 Calibration ID: 697

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			220363	213299				50.0	50.0			
Toluene-d8 (Surr)	CBNZ d5	Ave	817030	818870	800845	800261	788897	50.0	50.0	50.0	50.0	50.0
			777289	754809				50.0	50.0			
4-Bromofluorobenzene (Surr)	DCBd 4	Ave	290244	285652	291585	284508	281250	50.0	50.0	50.0	50.0	50.0
			282454	267105				50.0	50.0			

Curve Type Legend

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Qua = Quadratic ISTD

Calibration / Propene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

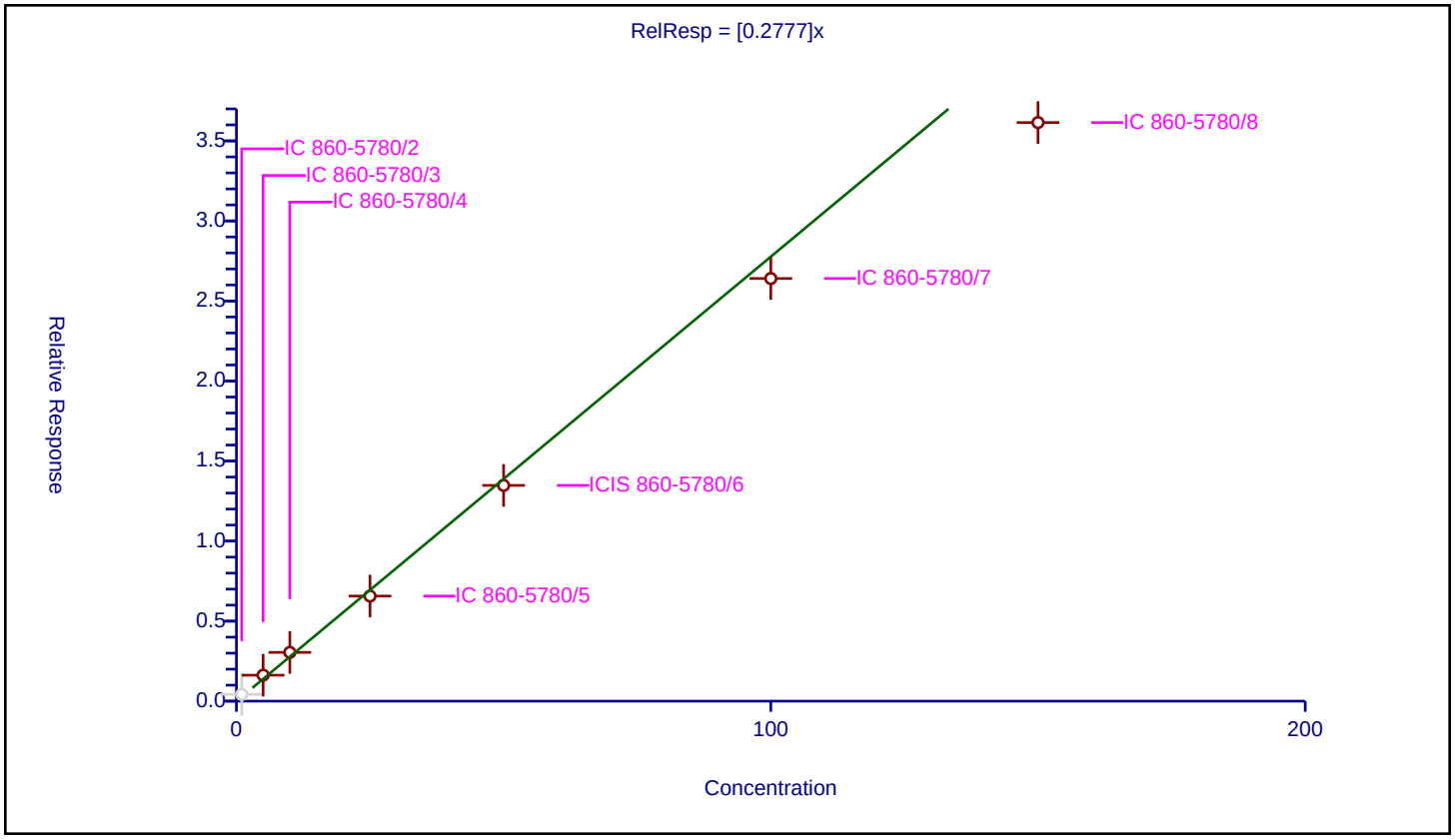
Curve Coefficients

Intercept:	0
Slope:	0.2777

Error Coefficients

Standard Error:	188000
Relative Standard Error:	11.1
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	0.422673	50.0	471286.0	0.422673	N
2	IC 860-5780/3	5.0	1.621467	50.0	472381.0	0.324293	Y
3	IC 860-5780/4	10.0	3.045335	50.0	461148.0	0.304533	Y
4	IC 860-5780/5	25.0	6.564454	50.0	461813.0	0.262578	Y
5	ICIS 860-5780/6	50.0	13.478654	50.0	461118.0	0.269573	Y
6	IC 860-5780/7	100.0	26.404736	50.0	453199.0	0.264047	Y
7	IC 860-5780/8	150.0	36.146891	50.0	434675.0	0.240979	Y



Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

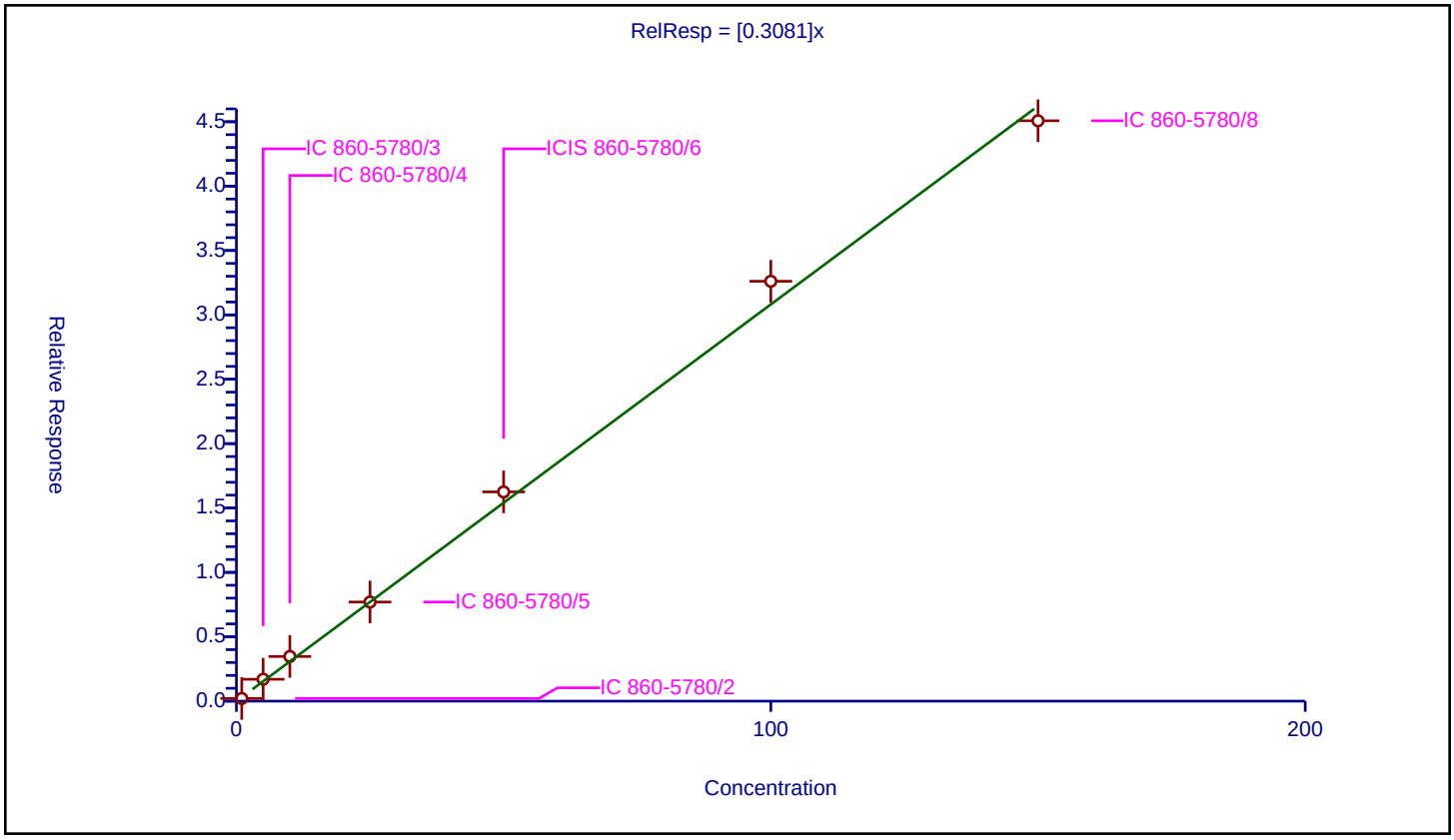
Curve Coefficients

Intercept:	0
Slope:	0.3081

Error Coefficients

Standard Error:	212000
Relative Standard Error:	15.0
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	0.21017	50.0	471286.0	0.21017	Y
2	IC 860-5780/3	5.0	1.700005	50.0	472381.0	0.340001	Y
3	IC 860-5780/4	10.0	3.471228	50.0	461148.0	0.347123	Y
4	IC 860-5780/5	25.0	7.697596	50.0	461813.0	0.307904	Y
5	ICIS 860-5780/6	50.0	16.253432	50.0	461118.0	0.325069	Y
6	IC 860-5780/7	100.0	32.611833	50.0	453199.0	0.326118	Y
7	IC 860-5780/8	150.0	45.077702	50.0	434675.0	0.300518	Y



Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

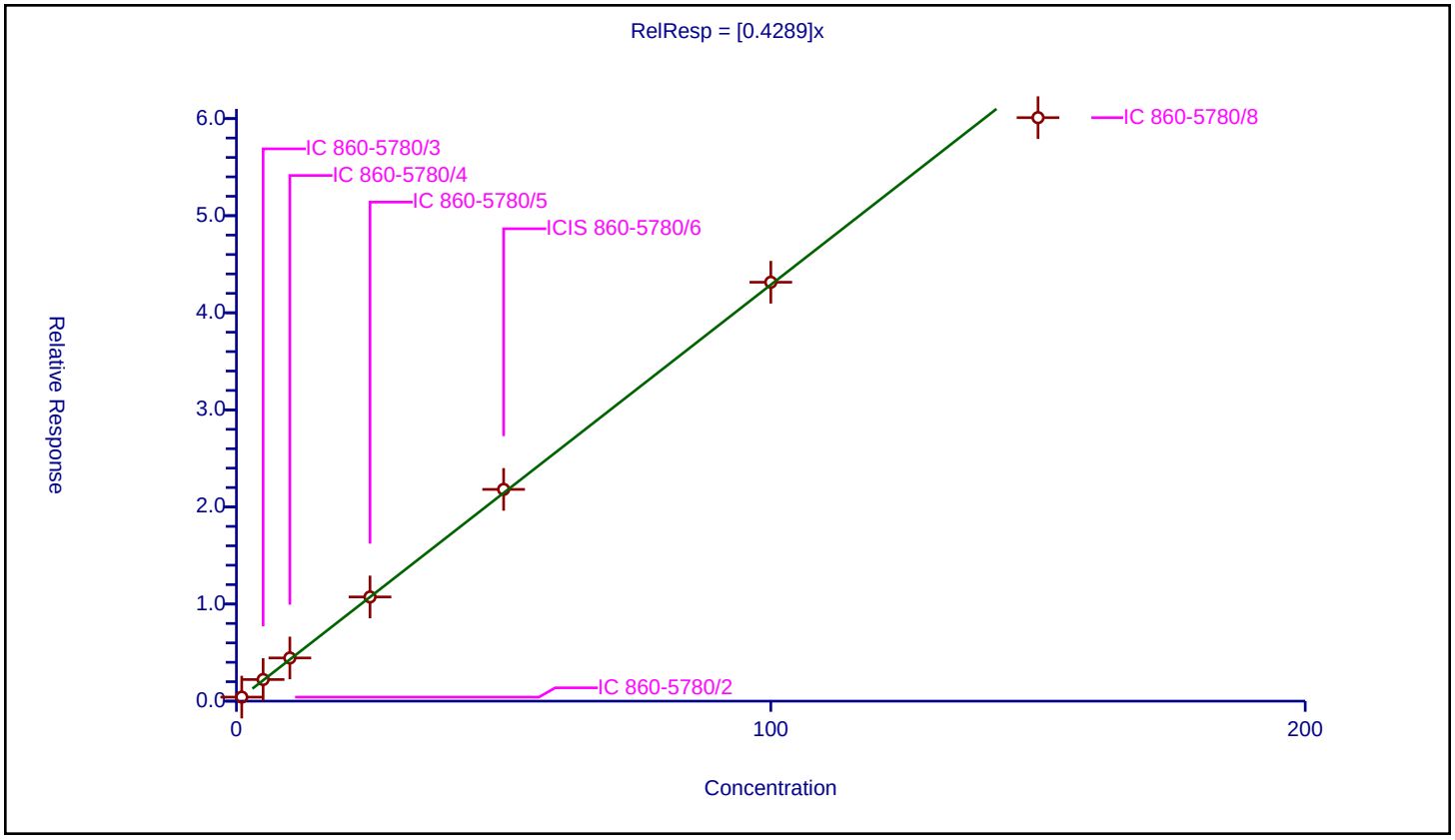
Curve Coefficients

Intercept:	0
Slope:	0.4289

Error Coefficients

Standard Error:	282000
Relative Standard Error:	3.8
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	0.414398	50.0	471286.0	0.414398	Y
2	IC 860-5780/3	5.0	2.226063	50.0	472381.0	0.445213	Y
3	IC 860-5780/4	10.0	4.448247	50.0	461148.0	0.444825	Y
4	IC 860-5780/5	25.0	10.731833	50.0	461813.0	0.429273	Y
5	ICIS 860-5780/6	50.0	21.811337	50.0	461118.0	0.436227	Y
6	IC 860-5780/7	100.0	43.147712	50.0	453199.0	0.431477	Y
7	IC 860-5780/8	150.0	60.096394	50.0	434675.0	0.400643	Y



Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

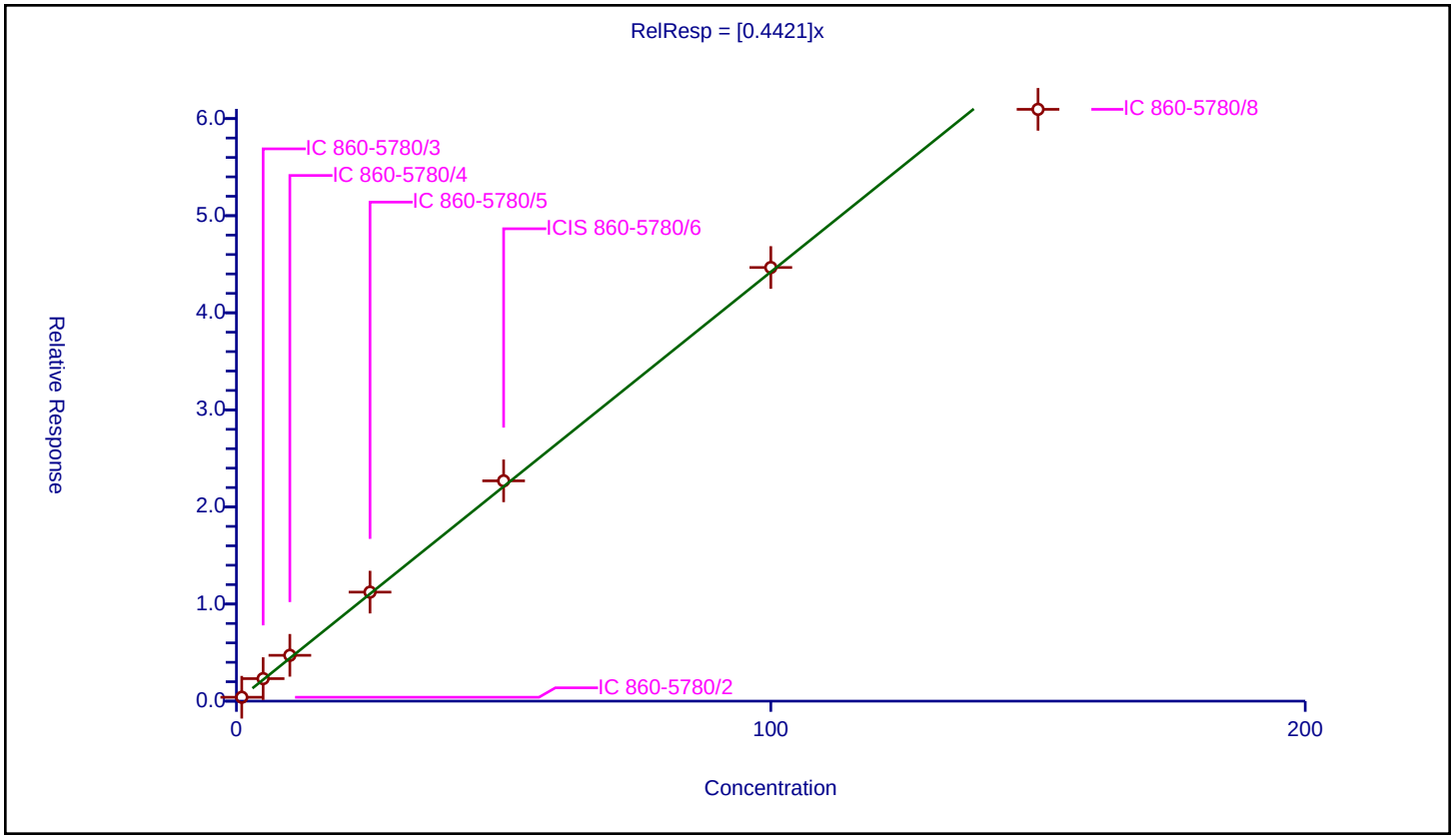
Curve Coefficients

Intercept:	0
Slope:	0.4421

Error Coefficients

Standard Error:	289000
Relative Standard Error:	6.2
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	0.40241	50.0	471286.0	0.40241	Y
2	IC 860-5780/3	5.0	2.32069	50.0	472381.0	0.464138	Y
3	IC 860-5780/4	10.0	4.720285	50.0	461148.0	0.472029	Y
4	IC 860-5780/5	25.0	11.229004	50.0	461813.0	0.44916	Y
5	ICIS 860-5780/6	50.0	22.691697	50.0	461118.0	0.453834	Y
6	IC 860-5780/7	100.0	44.662941	50.0	453199.0	0.446629	Y
7	IC 860-5780/8	150.0	60.953816	50.0	434675.0	0.406359	Y



Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

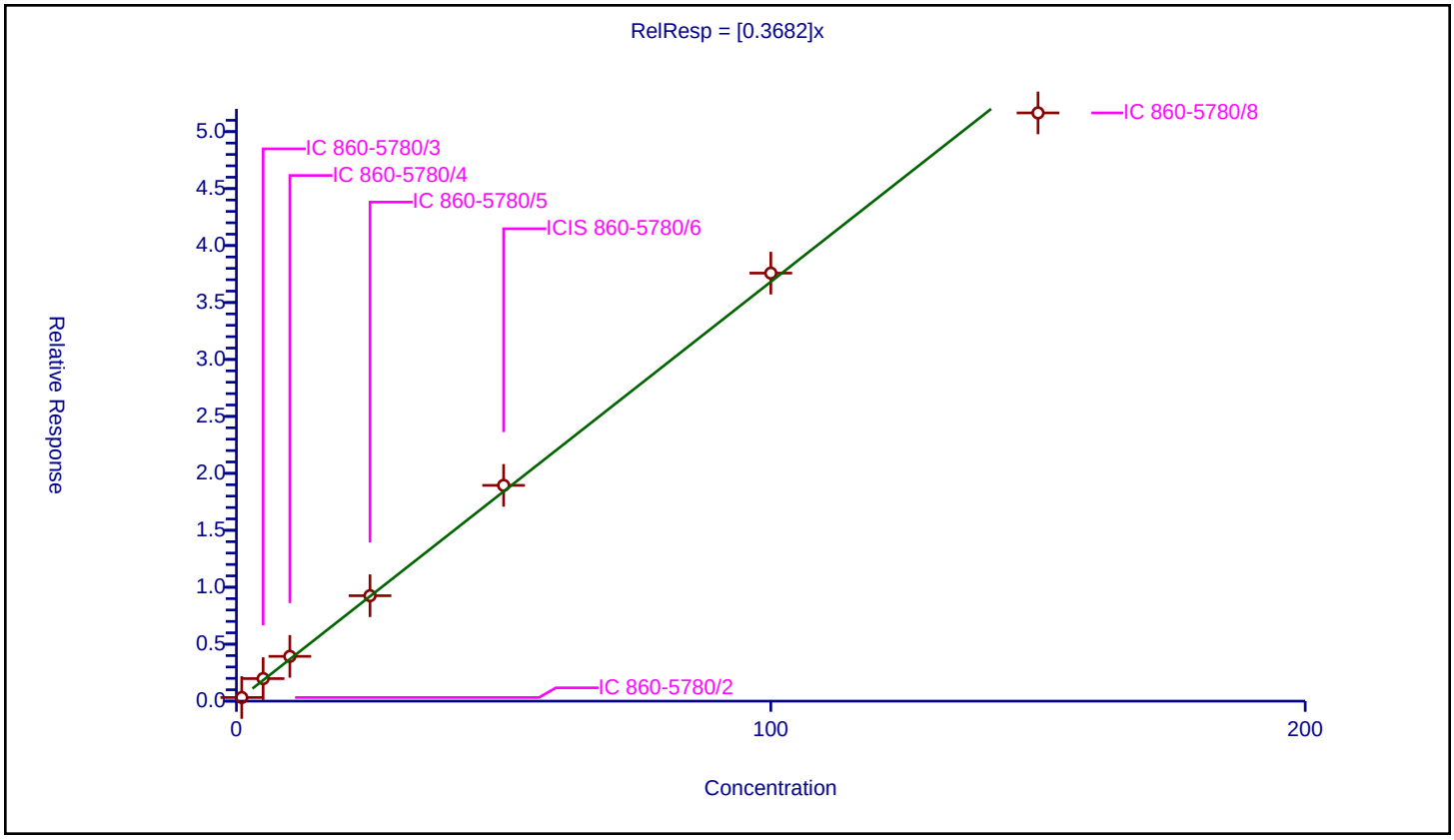
Curve Coefficients

Intercept:	0
Slope:	0.3682

Error Coefficients

Standard Error:	244000
Relative Standard Error:	7.5
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	0.318809	50.0	471286.0	0.318809	Y
2	IC 860-5780/3	5.0	1.980181	50.0	472381.0	0.396036	Y
3	IC 860-5780/4	10.0	3.932143	50.0	461148.0	0.393214	Y
4	IC 860-5780/5	25.0	9.256127	50.0	461813.0	0.370245	Y
5	ICIS 860-5780/6	50.0	18.946343	50.0	461118.0	0.378927	Y
6	IC 860-5780/7	100.0	37.58007	50.0	453199.0	0.375801	Y
7	IC 860-5780/8	150.0	51.647783	50.0	434675.0	0.344319	Y



Calibration / Bromomethane

Curve Type:	Quadratic
Weighting:	None
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

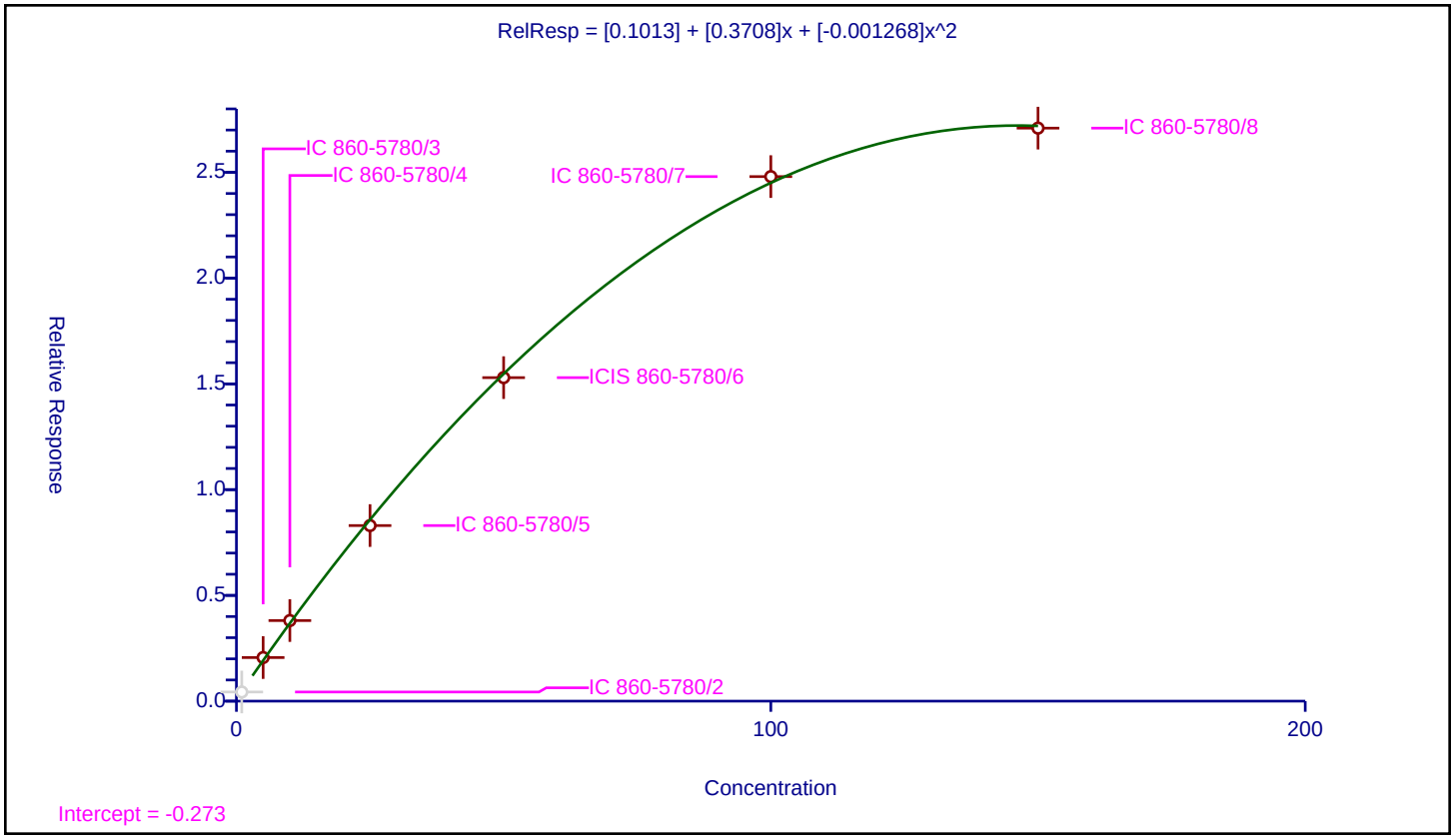
Curve Coefficients

Intercept:	0.1013
Slope:	0.3708
Second Order:	-0.001268

Error Coefficients

Standard Error:	211000
Relative Standard Error:	7.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	0.432009	50.0	471286.0	0.432009	N
2	IC 860-5780/3	5.0	2.061048	50.0	472381.0	0.41221	Y
3	IC 860-5780/4	10.0	3.810057	50.0	461148.0	0.381006	Y
4	IC 860-5780/5	25.0	8.300871	50.0	461813.0	0.332035	Y
5	ICIS 860-5780/6	50.0	15.294892	50.0	461118.0	0.305898	Y
6	IC 860-5780/7	100.0	24.799481	50.0	453199.0	0.247995	Y
7	IC 860-5780/8	150.0	27.09047	50.0	434675.0	0.180603	Y



Calibration / Chloroethane

Curve Type:	Quadratic
Weighting:	None
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

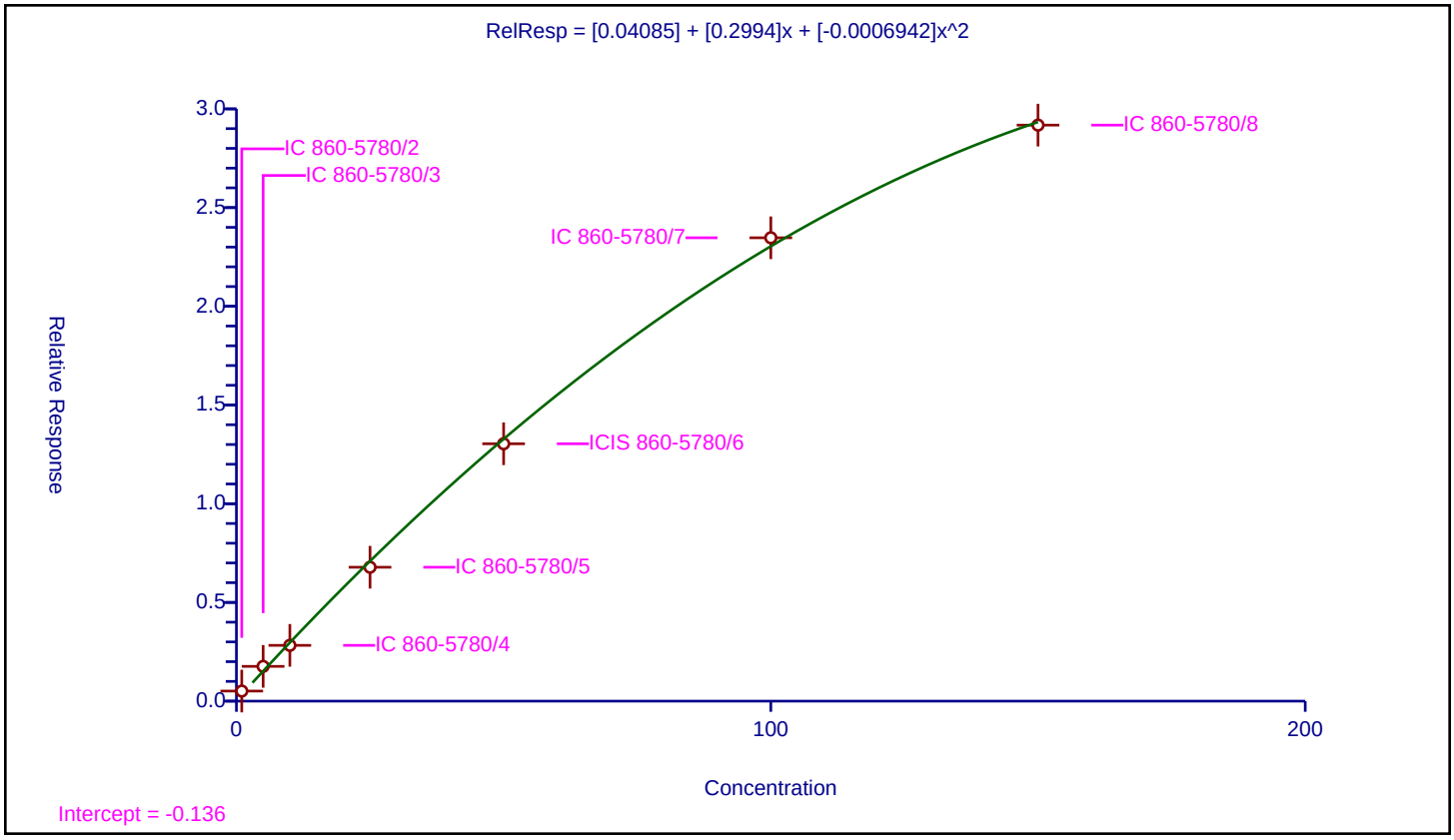
Curve Coefficients

Intercept:	0.04085
Slope:	0.2994
Second Order:	-0.0006942

Error Coefficients

Standard Error:	180000
Relative Standard Error:	30.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	0.510942	50.0	471286.0	0.510942	Y
2	IC 860-5780/3	5.0	1.761925	50.0	472381.0	0.352385	Y
3	IC 860-5780/4	10.0	2.826099	50.0	461148.0	0.28261	Y
4	IC 860-5780/5	25.0	6.782724	50.0	461813.0	0.271309	Y
5	ICIS 860-5780/6	50.0	13.037986	50.0	461118.0	0.26076	Y
6	IC 860-5780/7	100.0	23.471367	50.0	453199.0	0.234714	Y
7	IC 860-5780/8	150.0	29.178007	50.0	434675.0	0.19452	Y



Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

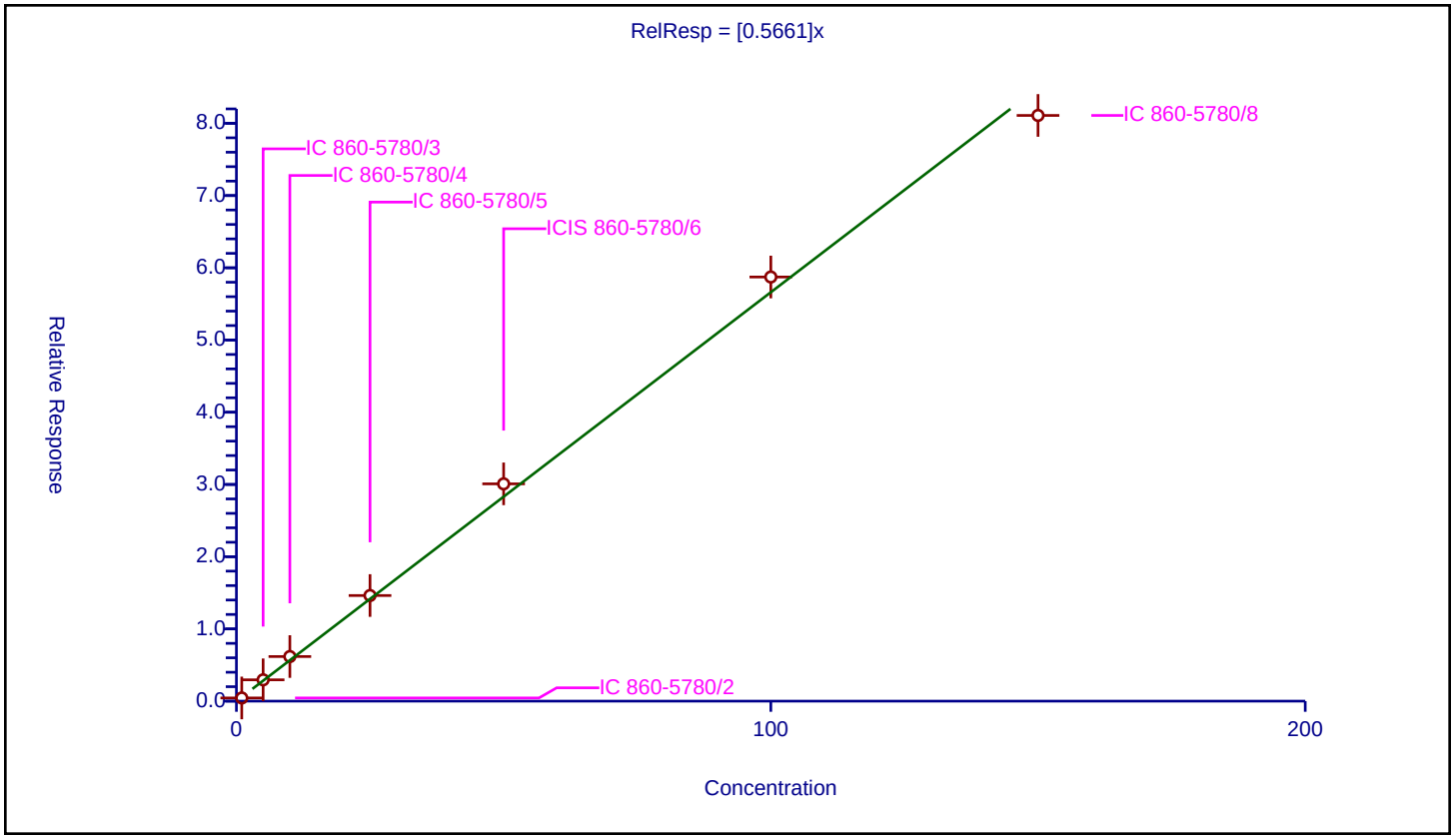
Curve Coefficients

Intercept:	0
Slope:	0.5661

Error Coefficients

Standard Error:	383000
Relative Standard Error:	10.6
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	0.440603	50.0	471286.0	0.440603	Y
2	IC 860-5780/3	5.0	2.951431	50.0	472381.0	0.590286	Y
3	IC 860-5780/4	10.0	6.174048	50.0	461148.0	0.617405	Y
4	IC 860-5780/5	25.0	14.623668	50.0	461813.0	0.584947	Y
5	ICIS 860-5780/6	50.0	30.084816	50.0	461118.0	0.601696	Y
6	IC 860-5780/7	100.0	58.723872	50.0	453199.0	0.587239	Y
7	IC 860-5780/8	150.0	81.09208	50.0	434675.0	0.540614	Y



Calibration / Acrolein

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

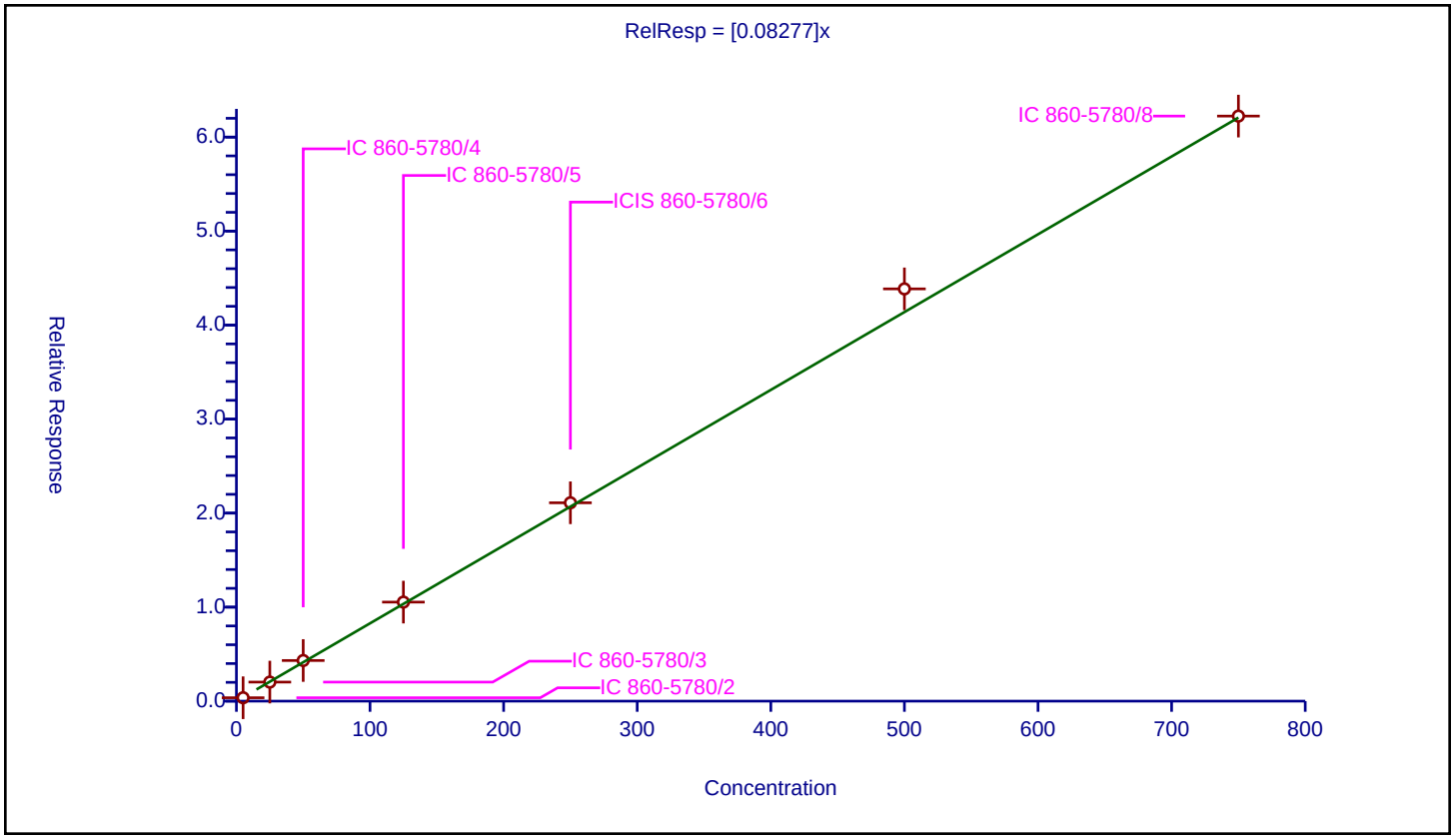
Curve Coefficients

Intercept:	0
Slope:	0.08277

Error Coefficients

Standard Error:	289000
Relative Standard Error:	6.1
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	5.0	0.3622	50.0	471286.0	0.07244	Y
2	IC 860-5780/3	25.0	2.027071	50.0	472381.0	0.081083	Y
3	IC 860-5780/4	50.0	4.323341	50.0	461148.0	0.086467	Y
4	IC 860-5780/5	125.0	10.535866	50.0	461813.0	0.084287	Y
5	ICIS 860-5780/6	250.0	21.098829	50.0	461118.0	0.084395	Y
6	IC 860-5780/7	500.0	43.852369	50.0	453199.0	0.087705	Y
7	IC 860-5780/8	750.0	62.236268	50.0	434675.0	0.082982	Y



Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

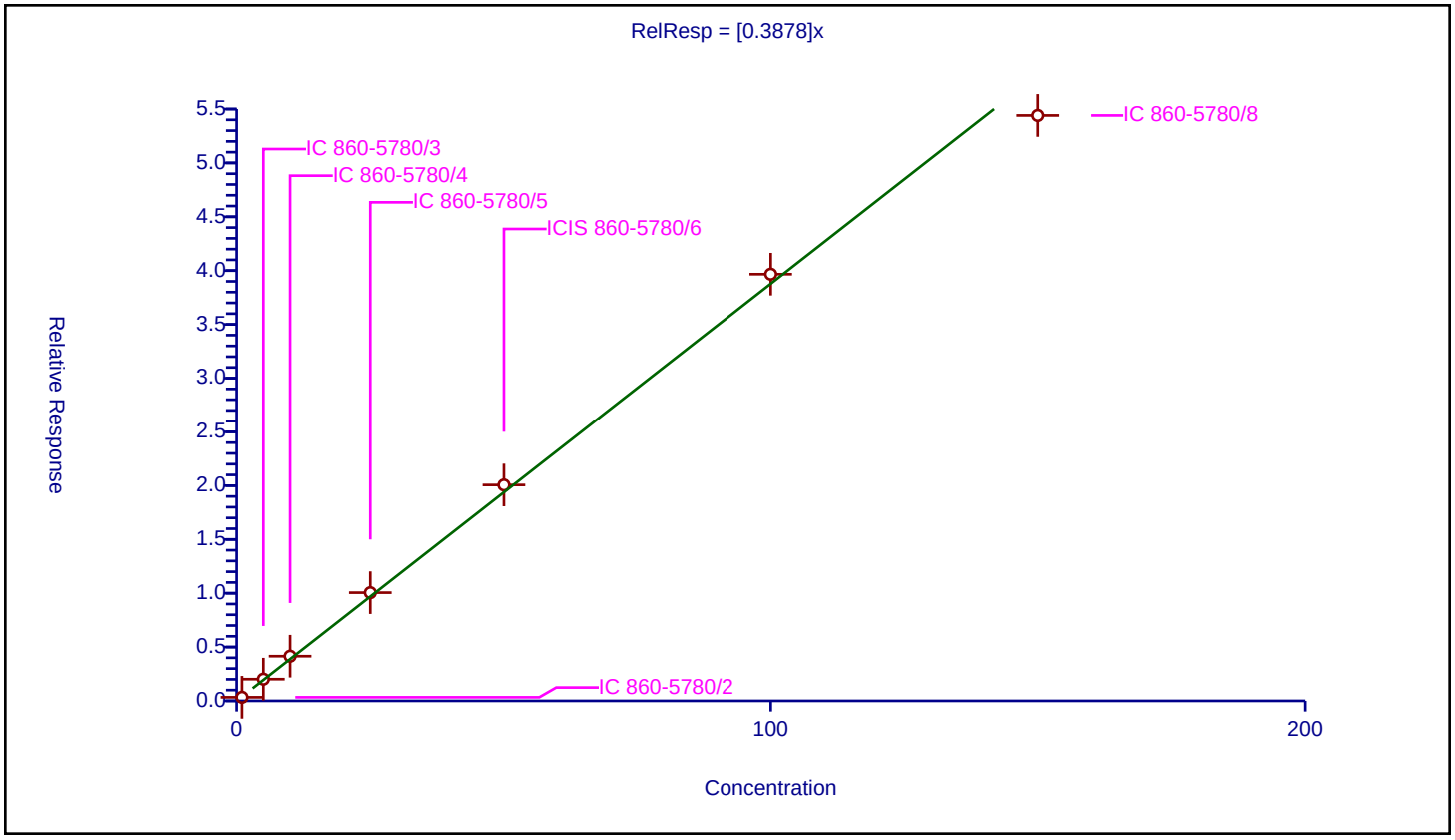
Curve Coefficients

Intercept:	0
Slope:	0.3878

Error Coefficients

Standard Error:	257000
Relative Standard Error:	7.5
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	0.333343	50.0	471286.0	0.333343	Y
2	IC 860-5780/3	5.0	2.015534	50.0	472381.0	0.403107	Y
3	IC 860-5780/4	10.0	4.150186	50.0	461148.0	0.415019	Y
4	IC 860-5780/5	25.0	10.054394	50.0	461813.0	0.402176	Y
5	ICIS 860-5780/6	50.0	20.065797	50.0	461118.0	0.401316	Y
6	IC 860-5780/7	100.0	39.667784	50.0	453199.0	0.396678	Y
7	IC 860-5780/8	150.0	54.405245	50.0	434675.0	0.362702	Y



Calibration / 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

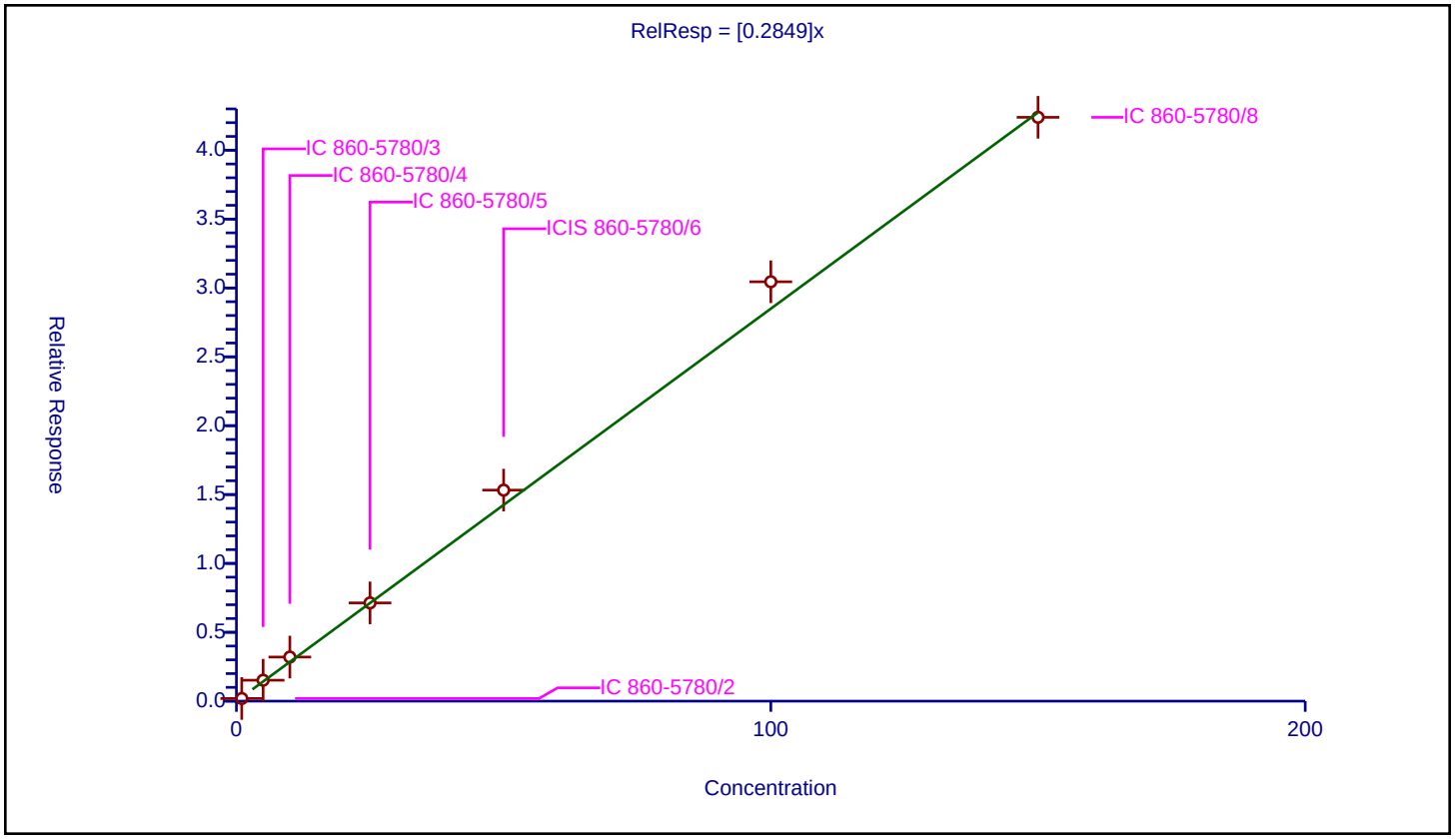
Curve Coefficients

Intercept:	0
Slope:	0.2849

Error Coefficients

Standard Error:	199000
Relative Standard Error:	15.1
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	0.192028	50.0	471286.0	0.192028	Y
2	IC 860-5780/3	5.0	1.518584	50.0	472381.0	0.303717	Y
3	IC 860-5780/4	10.0	3.200816	50.0	461148.0	0.320082	Y
4	IC 860-5780/5	25.0	7.131999	50.0	461813.0	0.28528	Y
5	ICIS 860-5780/6	50.0	15.319289	50.0	461118.0	0.306386	Y
6	IC 860-5780/7	100.0	30.448434	50.0	453199.0	0.304484	Y
7	IC 860-5780/8	150.0	42.389486	50.0	434675.0	0.282597	Y



Calibration / Acetone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

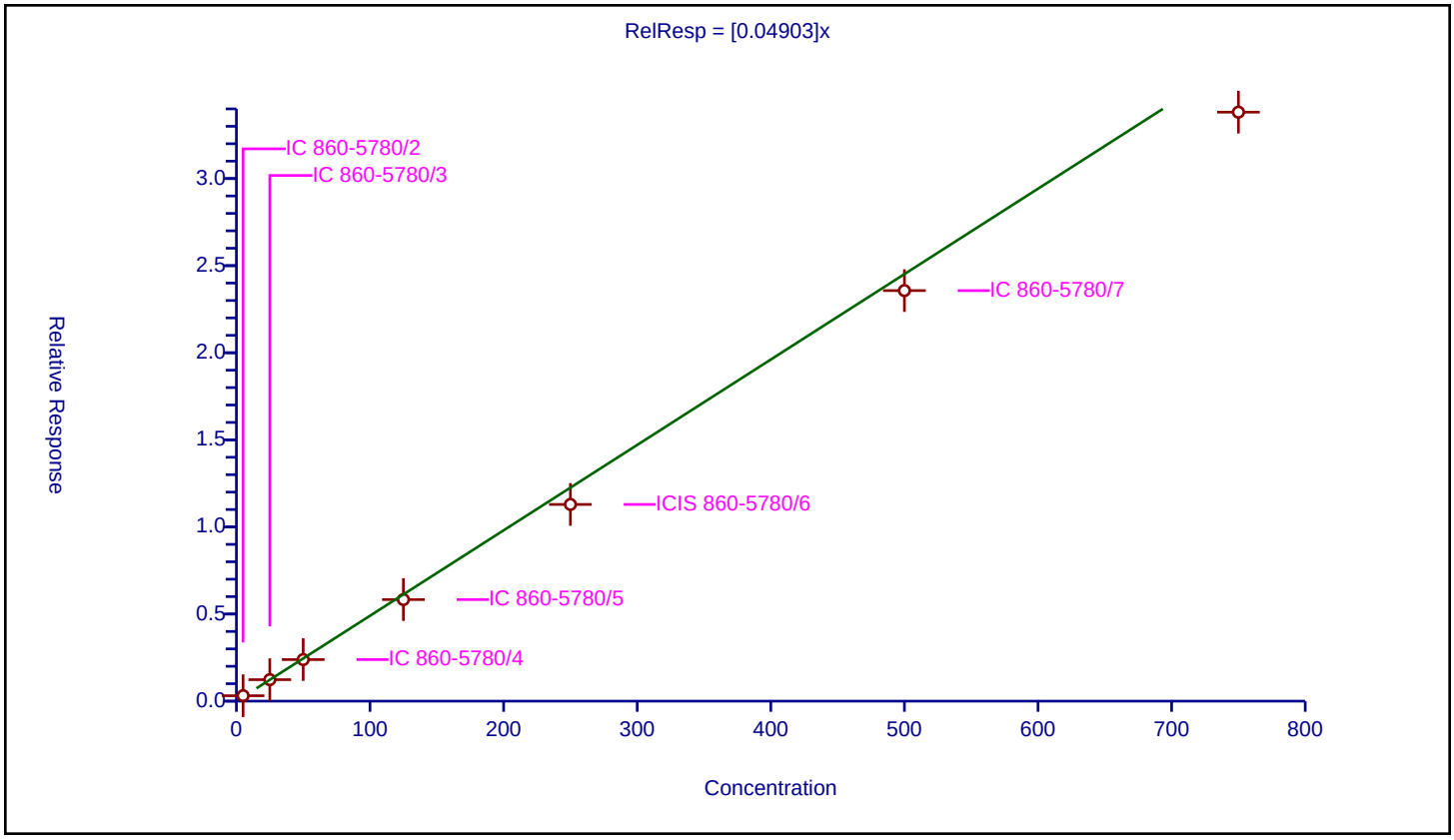
Curve Coefficients

Intercept:	0
Slope:	0.04903

Error Coefficients

Standard Error:	156000
Relative Standard Error:	12.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	5.0	0.310533	50.0	471286.0	0.062107	Y
2	IC 860-5780/3	25.0	1.233644	50.0	472381.0	0.049346	Y
3	IC 860-5780/4	50.0	2.385568	50.0	461148.0	0.047711	Y
4	IC 860-5780/5	125.0	5.831148	50.0	461813.0	0.046649	Y
5	ICIS 860-5780/6	250.0	11.292663	50.0	461118.0	0.045171	Y
6	IC 860-5780/7	500.0	23.569337	50.0	453199.0	0.047139	Y
7	IC 860-5780/8	750.0	33.811698	50.0	434675.0	0.045082	Y



Calibration / Iodomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

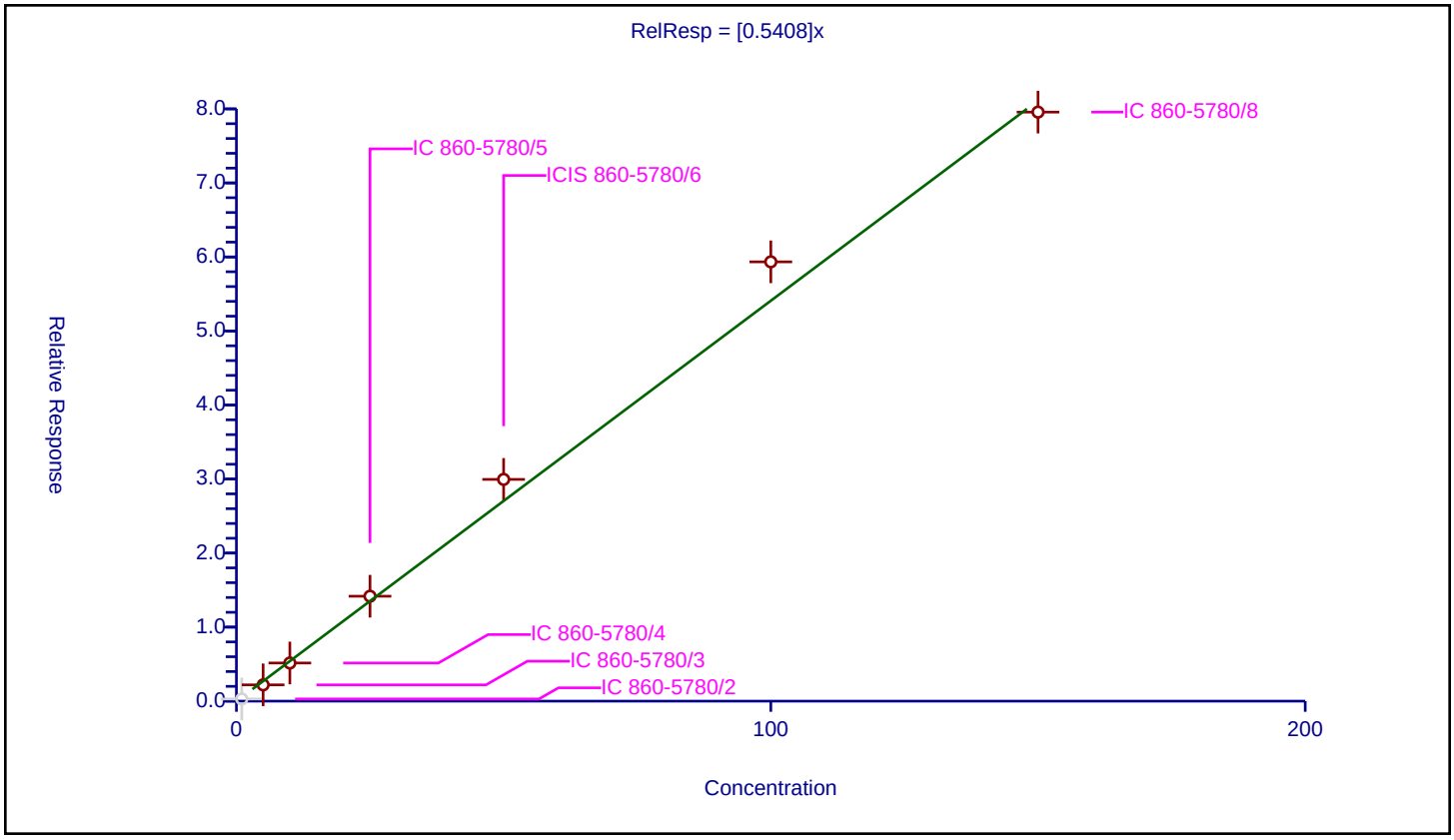
Curve Coefficients

Intercept:	0
Slope:	0.5408

Error Coefficients

Standard Error:	416000
Relative Standard Error:	11.0
Correlation Coefficient:	0.988
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	0.292604	50.0	471286.0	0.292604	N
2	IC 860-5780/3	5.0	2.199919	50.0	472381.0	0.439984	Y
3	IC 860-5780/4	10.0	5.15225	50.0	461148.0	0.515225	Y
4	IC 860-5780/5	25.0	14.172295	50.0	461813.0	0.566892	Y
5	ICIS 860-5780/6	50.0	29.951986	50.0	461118.0	0.59904	Y
6	IC 860-5780/7	100.0	59.338723	50.0	453199.0	0.593387	Y
7	IC 860-5780/8	150.0	79.565307	50.0	434675.0	0.530435	Y



Calibration / Carbon disulfide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

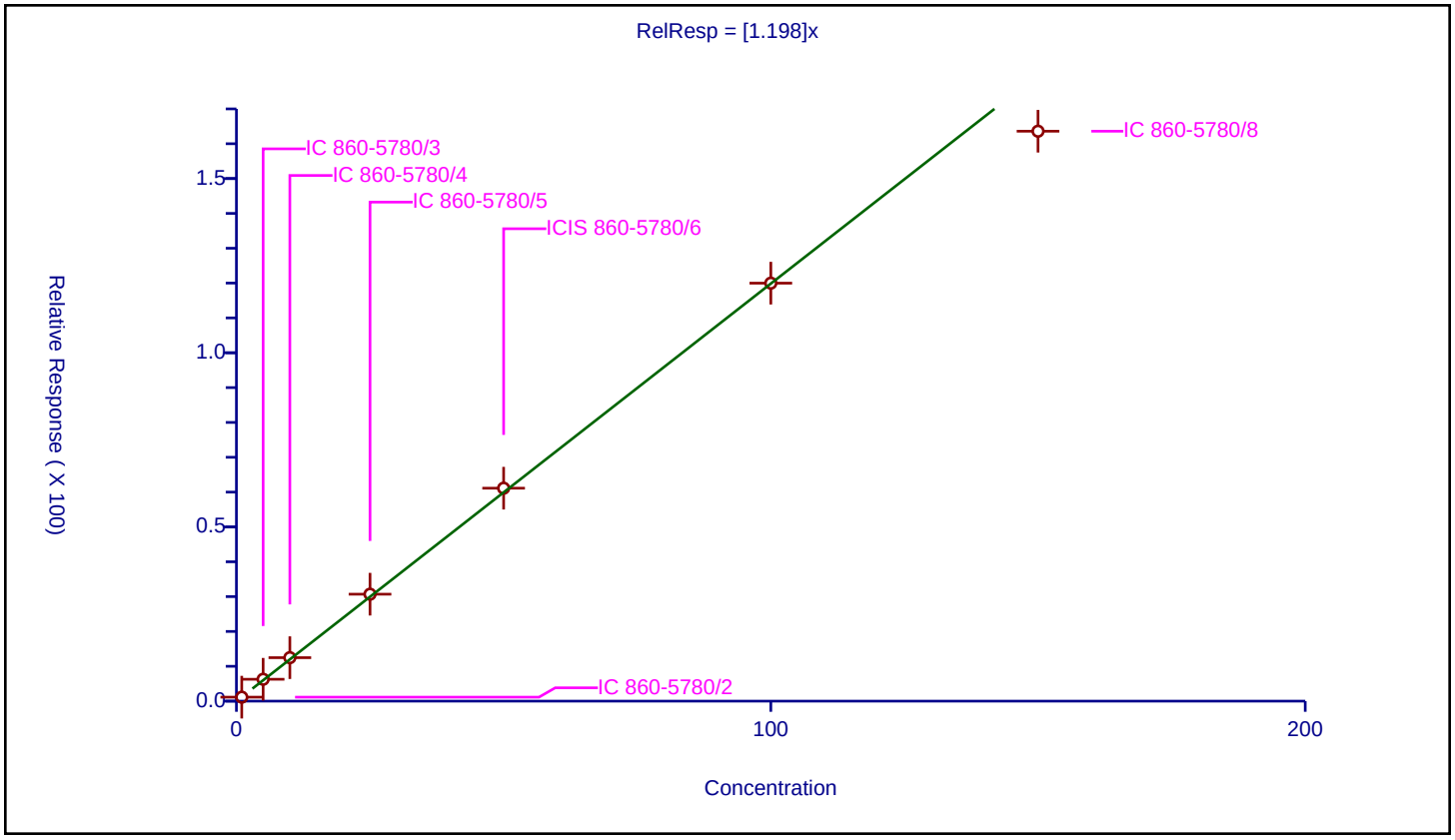
Curve Coefficients

Intercept:	0
Slope:	1.198

Error Coefficients

Standard Error:	777000
Relative Standard Error:	5.0
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	1.14421	50.0	471286.0	1.14421	Y
2	IC 860-5780/3	5.0	6.282217	50.0	472381.0	1.256443	Y
3	IC 860-5780/4	10.0	12.476905	50.0	461148.0	1.247691	Y
4	IC 860-5780/5	25.0	30.695433	50.0	461813.0	1.227817	Y
5	ICIS 860-5780/6	50.0	61.122749	50.0	461118.0	1.222455	Y
6	IC 860-5780/7	100.0	119.980847	50.0	453199.0	1.199808	Y
7	IC 860-5780/8	150.0	163.594295	50.0	434675.0	1.090629	Y



Calibration / Acetonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

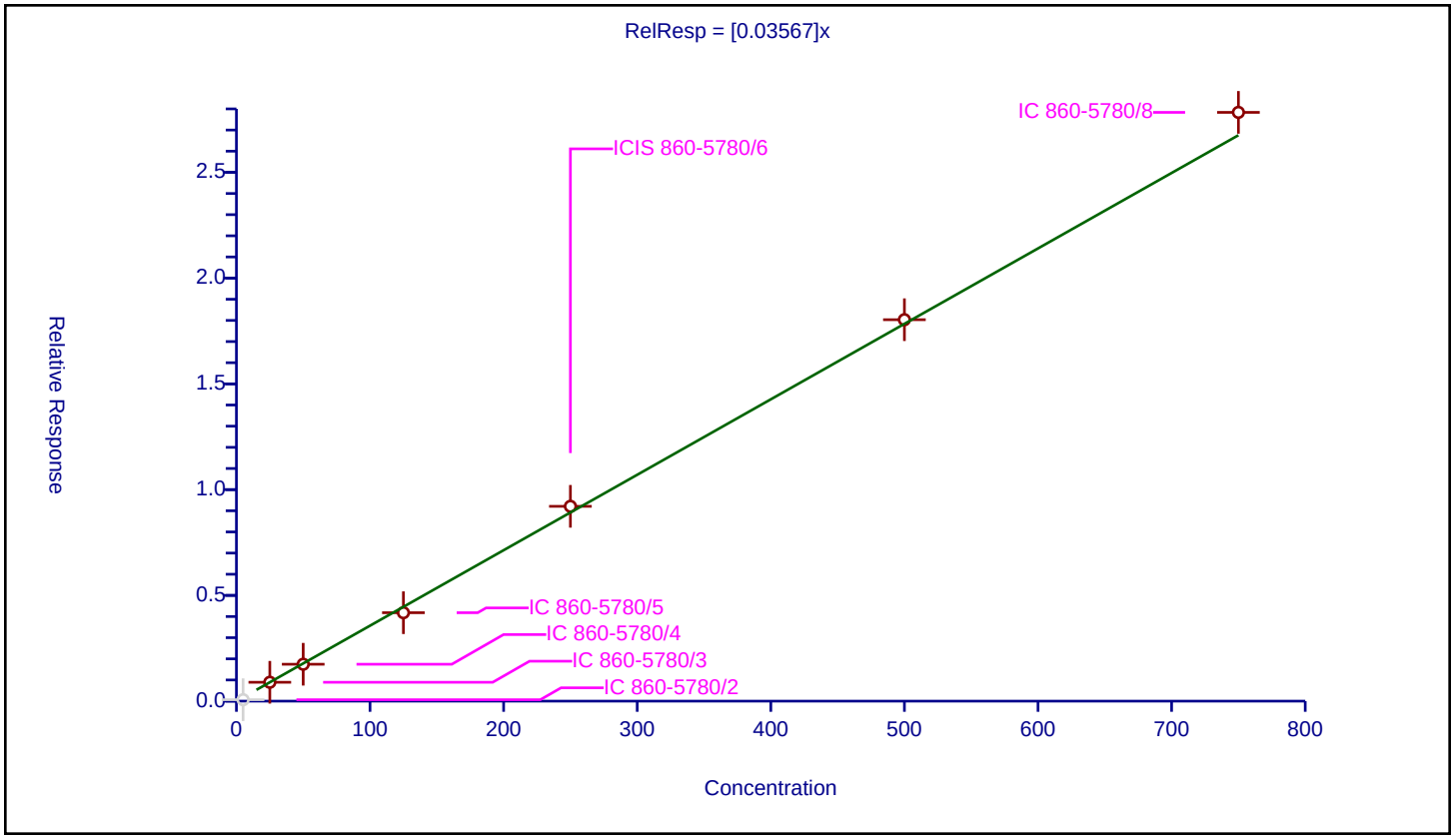
Curve Coefficients

Intercept:	0
Slope:	0.03567

Error Coefficients

Standard Error:	137000
Relative Standard Error:	3.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	5.0	0.067581	50.0	471286.0	0.013516	N
2	IC 860-5780/3	25.0	0.891759	50.0	472381.0	0.03567	Y
3	IC 860-5780/4	50.0	1.744776	50.0	461148.0	0.034896	Y
4	IC 860-5780/5	125.0	4.180697	50.0	461813.0	0.033446	Y
5	ICIS 860-5780/6	250.0	9.210332	50.0	461118.0	0.036841	Y
6	IC 860-5780/7	500.0	18.03402	50.0	453199.0	0.036068	Y
7	IC 860-5780/8	750.0	27.834474	50.0	434675.0	0.037113	Y



Calibration / 3-Chloro-1-propene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

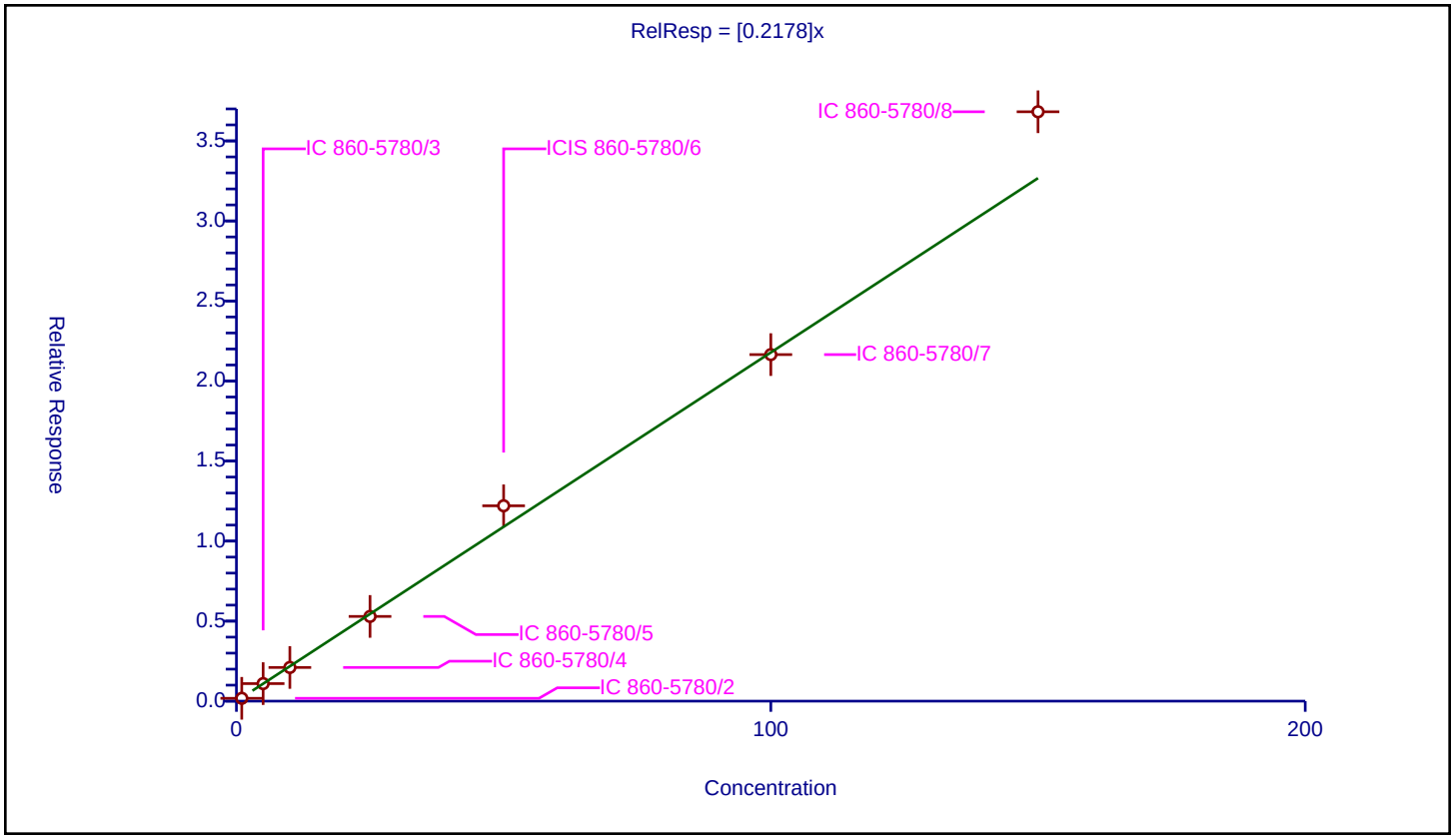
Curve Coefficients

Intercept:	0
Slope:	0.2178

Error Coefficients

Standard Error:	161000
Relative Standard Error:	10.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	0.177387	50.0	471286.0	0.177387	Y
2	IC 860-5780/3	5.0	1.096149	50.0	472381.0	0.21923	Y
3	IC 860-5780/4	10.0	2.103771	50.0	461148.0	0.210377	Y
4	IC 860-5780/5	25.0	5.292402	50.0	461813.0	0.211696	Y
5	ICIS 860-5780/6	50.0	12.20436	50.0	461118.0	0.244087	Y
6	IC 860-5780/7	100.0	21.649871	50.0	453199.0	0.216499	Y
7	IC 860-5780/8	150.0	36.819693	50.0	434675.0	0.245465	Y



Calibration / Methyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

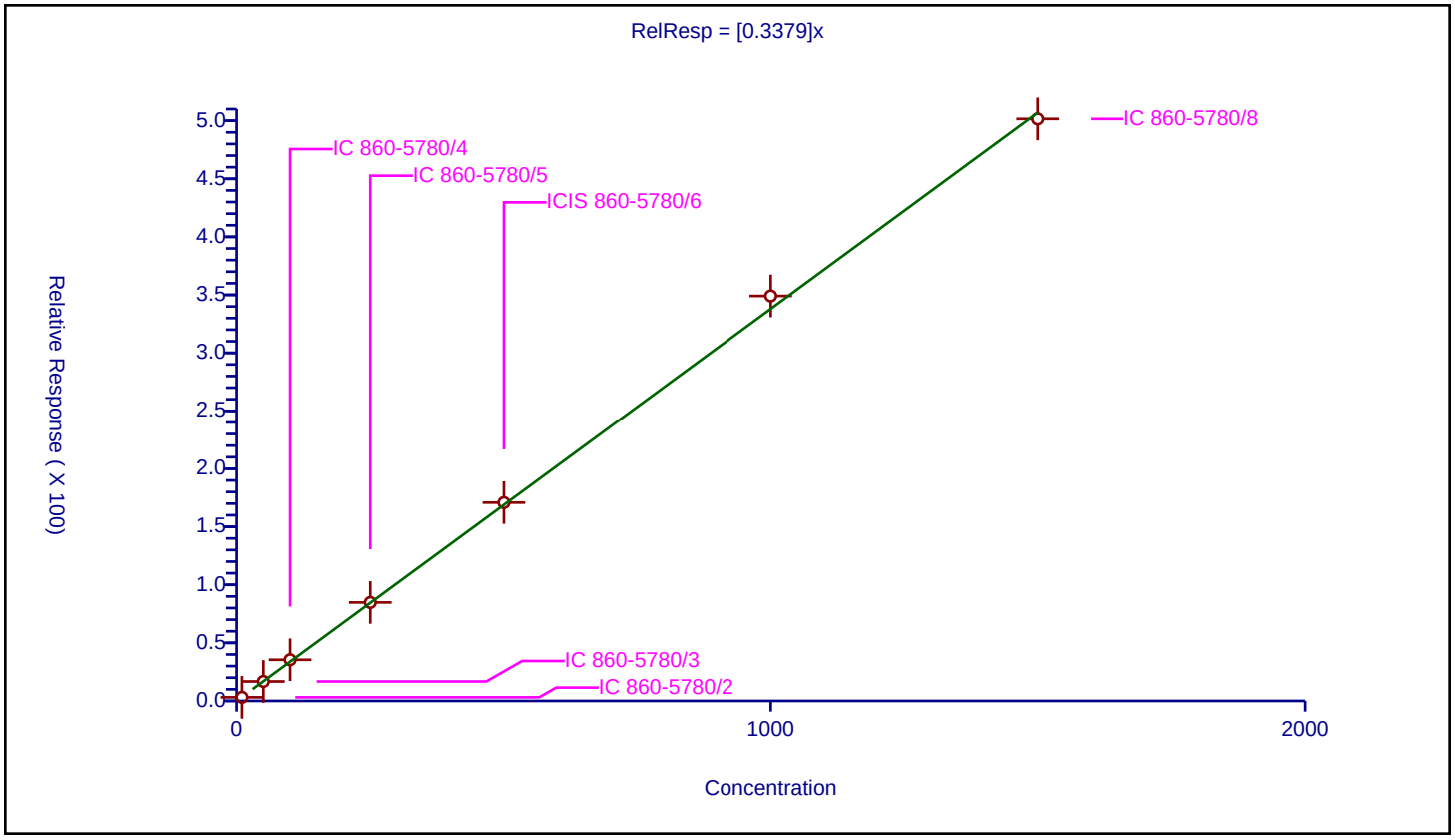
Curve Coefficients

Intercept:	0
Slope:	0.3379

Error Coefficients

Standard Error:	2320000
Relative Standard Error:	4.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	10.0	3.113396	50.0	471286.0	0.31134	Y
2	IC 860-5780/3	50.0	16.7602	50.0	472381.0	0.335204	Y
3	IC 860-5780/4	100.0	35.452284	50.0	461148.0	0.354523	Y
4	IC 860-5780/5	250.0	84.823186	50.0	461813.0	0.339293	Y
5	ICIS 860-5780/6	500.0	170.881315	50.0	461118.0	0.341763	Y
6	IC 860-5780/7	1000.0	349.074799	50.0	453199.0	0.349075	Y
7	IC 860-5780/8	1500.0	501.592914	50.0	434675.0	0.334395	Y



Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

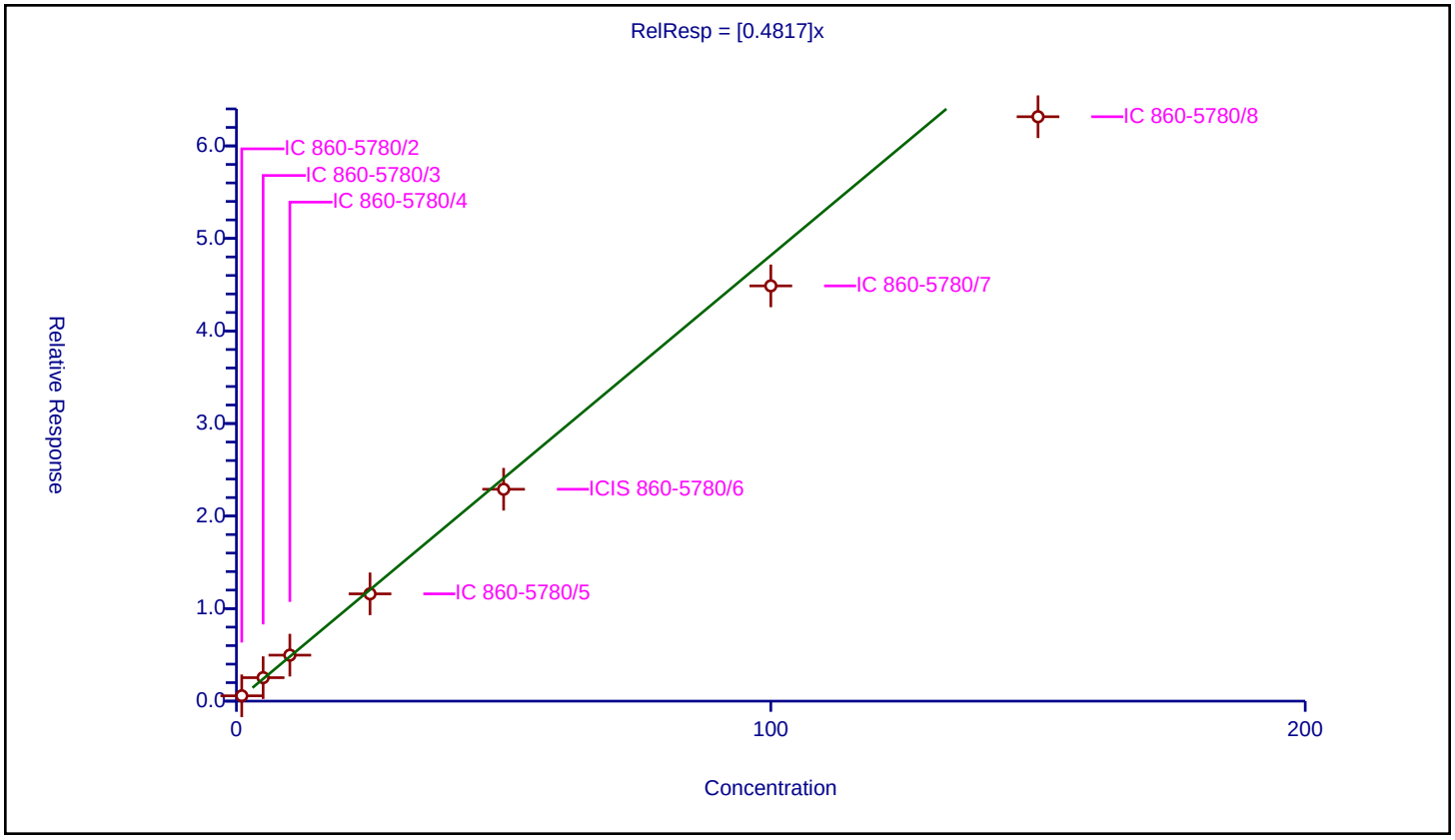
Curve Coefficients

Intercept:	0
Slope:	0.4817

Error Coefficients

Standard Error:	296000
Relative Standard Error:	10.5
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	0.575977	50.0	471286.0	0.575977	Y
2	IC 860-5780/3	5.0	2.537888	50.0	472381.0	0.507578	Y
3	IC 860-5780/4	10.0	4.969554	50.0	461148.0	0.496955	Y
4	IC 860-5780/5	25.0	11.595494	50.0	461813.0	0.46382	Y
5	ICIS 860-5780/6	50.0	22.895766	50.0	461118.0	0.457915	Y
6	IC 860-5780/7	100.0	44.874878	50.0	453199.0	0.448749	Y
7	IC 860-5780/8	150.0	63.15247	50.0	434675.0	0.421016	Y



Calibration / 2-Methyl-2-propanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

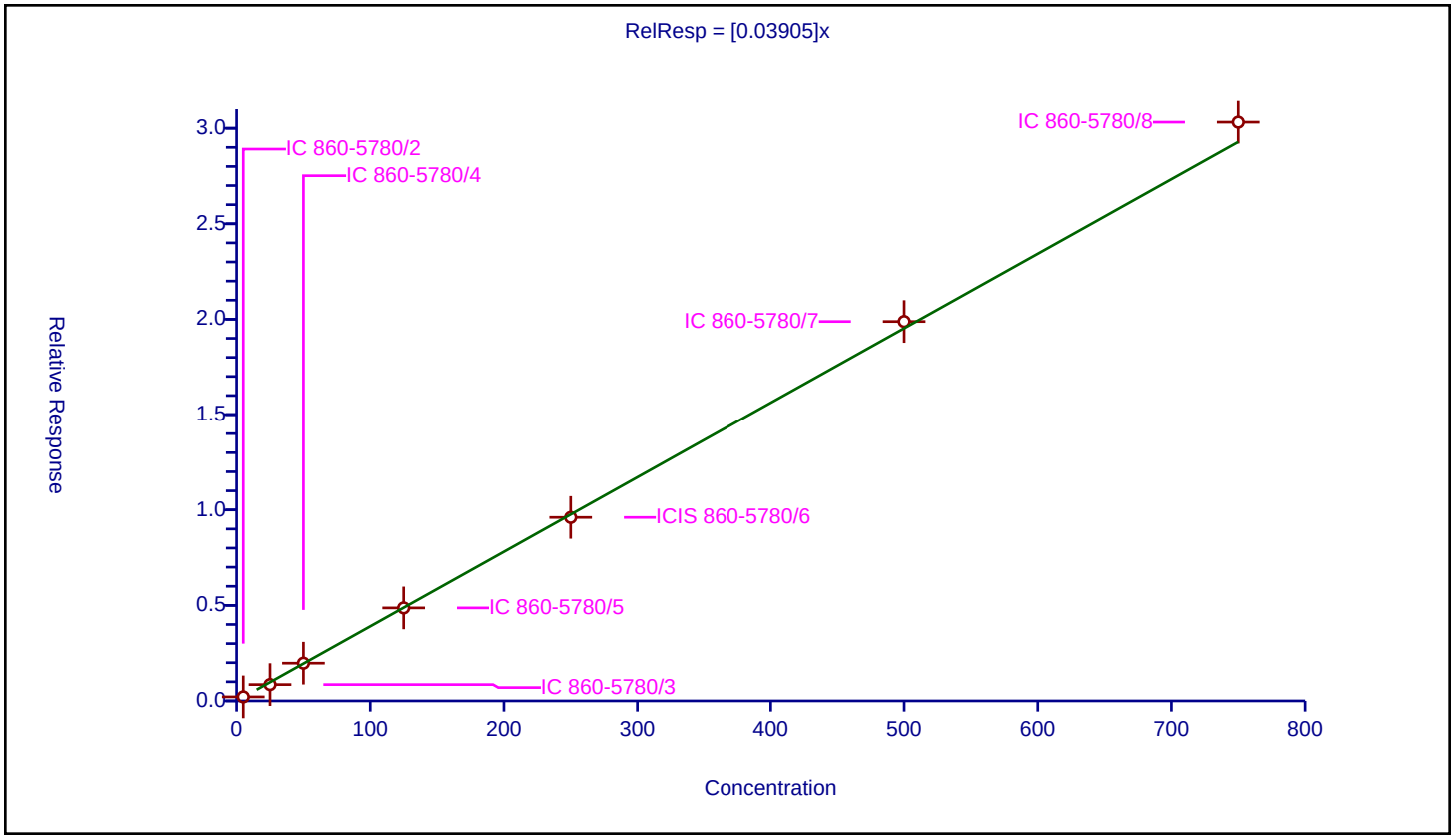
Curve Coefficients

Intercept:	0
Slope:	0.03905

Error Coefficients

Standard Error:	137000
Relative Standard Error:	6.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	5.0	0.210594	50.0	471286.0	0.042119	Y
2	IC 860-5780/3	25.0	0.854078	50.0	472381.0	0.034163	Y
3	IC 860-5780/4	50.0	1.97442	50.0	461148.0	0.039488	Y
4	IC 860-5780/5	125.0	4.868204	50.0	461813.0	0.038946	Y
5	ICIS 860-5780/6	250.0	9.607302	50.0	461118.0	0.038429	Y
6	IC 860-5780/7	500.0	19.881222	50.0	453199.0	0.039762	Y
7	IC 860-5780/8	750.0	30.319434	50.0	434675.0	0.040426	Y



Calibration / Acrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

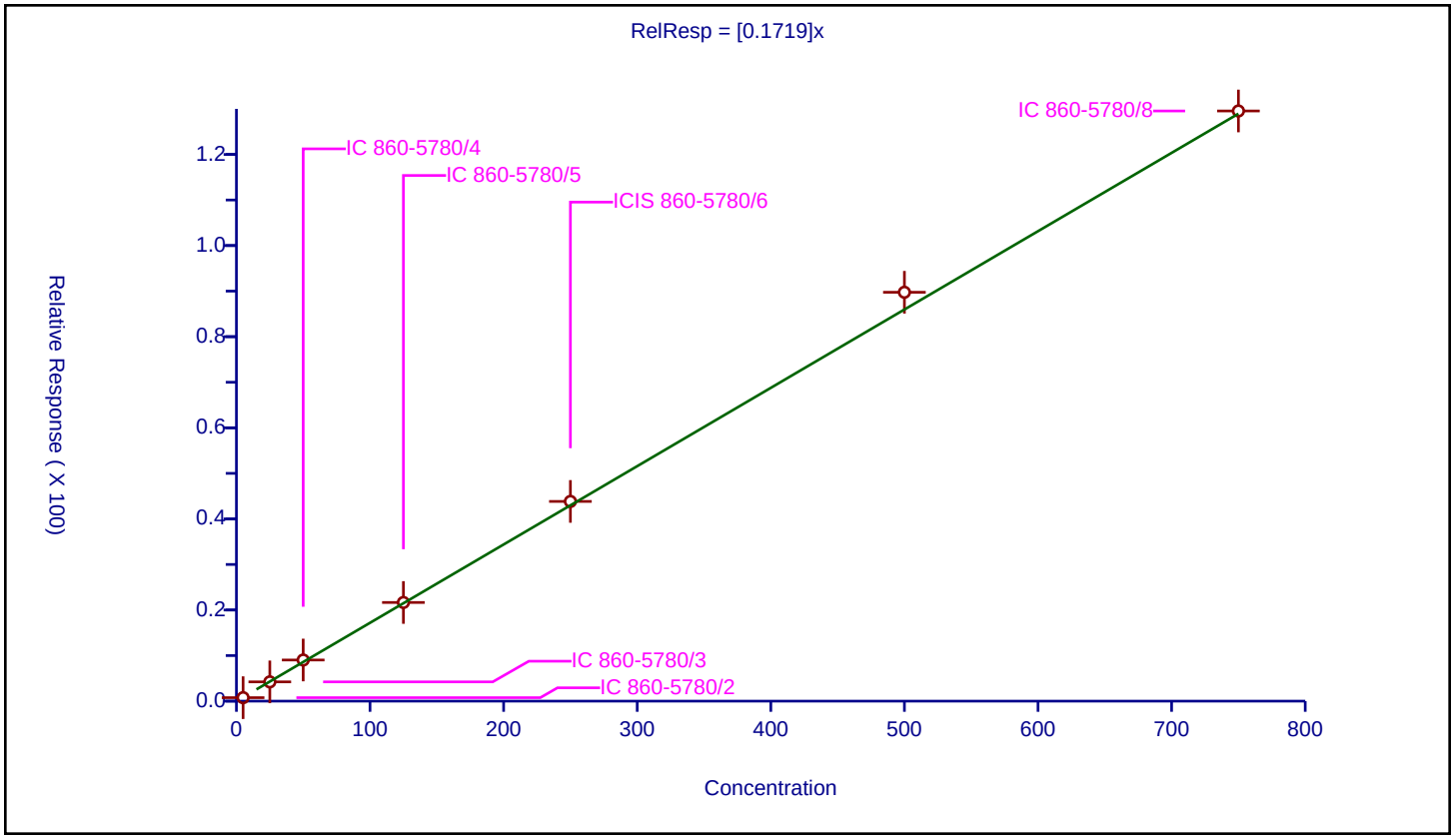
Curve Coefficients

Intercept:	0
Slope:	0.1719

Error Coefficients

Standard Error:	597000
Relative Standard Error:	5.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	5.0	0.76461	50.0	471286.0	0.152922	Y
2	IC 860-5780/3	25.0	4.22752	50.0	472381.0	0.169101	Y
3	IC 860-5780/4	50.0	9.030615	50.0	461148.0	0.180612	Y
4	IC 860-5780/5	125.0	21.654544	50.0	461813.0	0.173236	Y
5	ICIS 860-5780/6	250.0	43.839321	50.0	461118.0	0.175357	Y
6	IC 860-5780/7	500.0	89.749426	50.0	453199.0	0.179499	Y
7	IC 860-5780/8	750.0	129.541266	50.0	434675.0	0.172722	Y



Calibration / trans-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

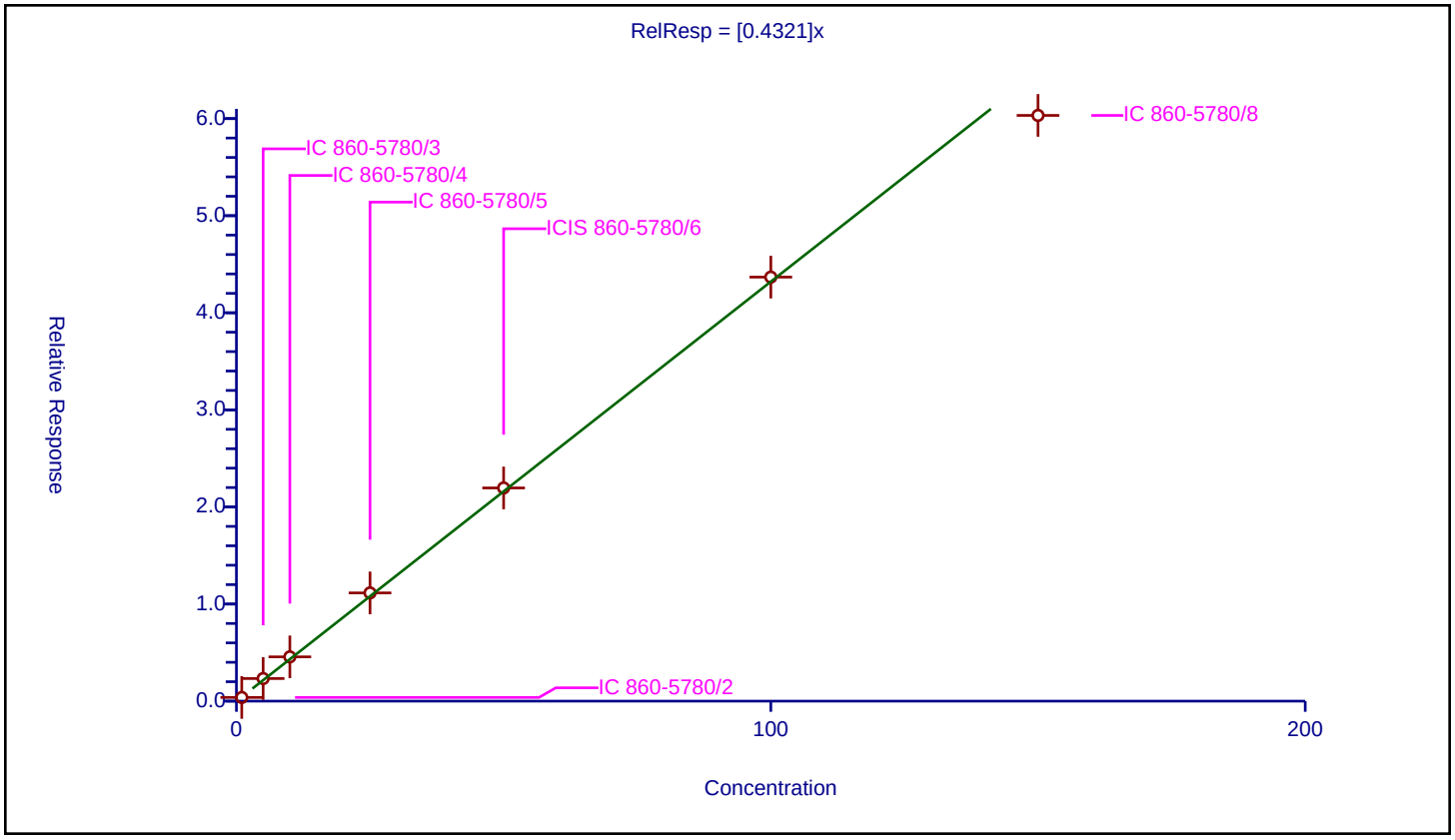
Curve Coefficients

Intercept:	0
Slope:	0.4321

Error Coefficients

Standard Error:	284000
Relative Standard Error:	7.1
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	0.378751	50.0	471286.0	0.378751	Y
2	IC 860-5780/3	5.0	2.328205	50.0	472381.0	0.465641	Y
3	IC 860-5780/4	10.0	4.559816	50.0	461148.0	0.455982	Y
4	IC 860-5780/5	25.0	11.147261	50.0	461813.0	0.44589	Y
5	ICIS 860-5780/6	50.0	21.959347	50.0	461118.0	0.439187	Y
6	IC 860-5780/7	100.0	43.673861	50.0	453199.0	0.436739	Y
7	IC 860-5780/8	150.0	60.327256	50.0	434675.0	0.402182	Y



Calibration / Methyl tert-butyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

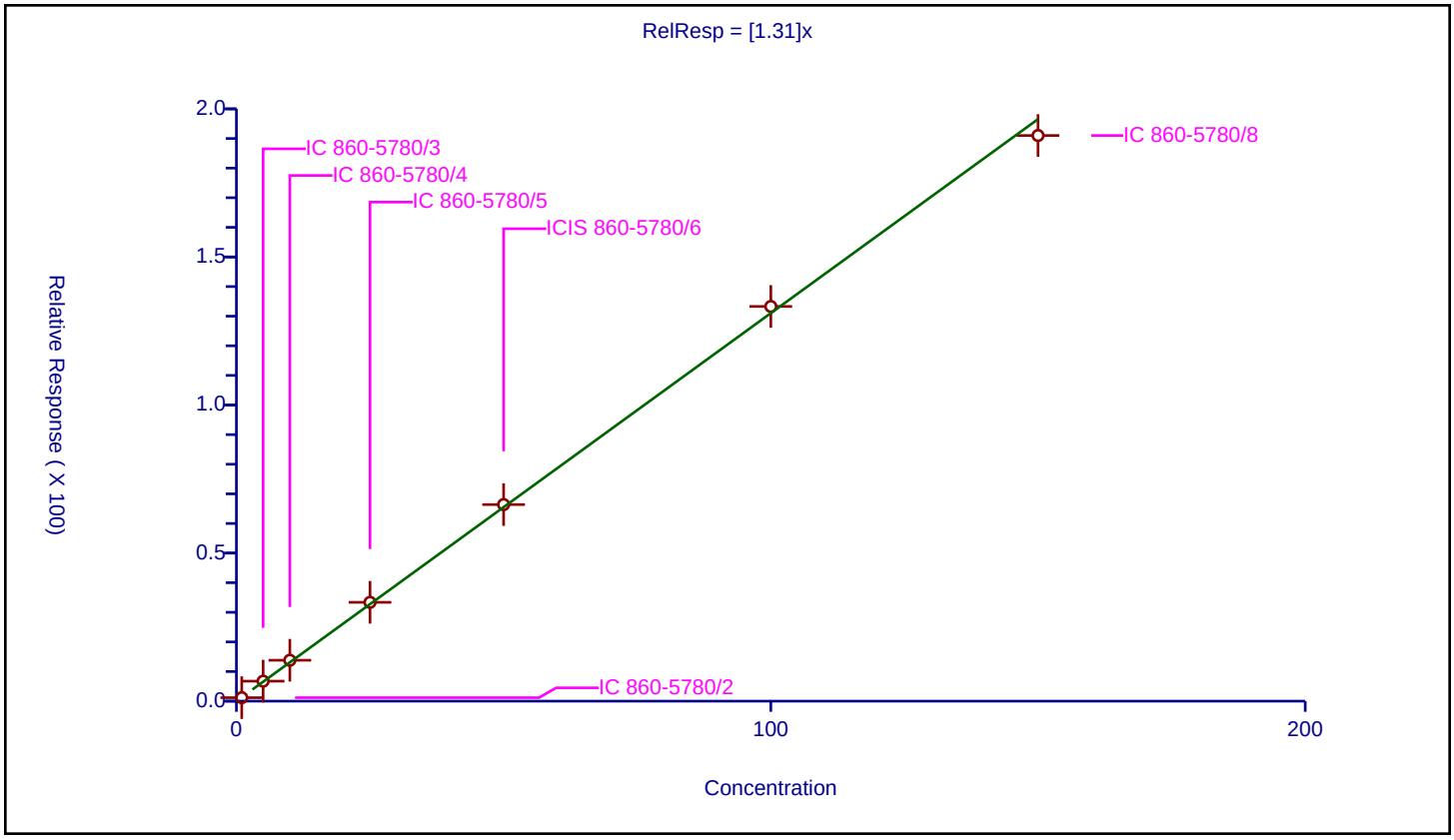
Curve Coefficients

Intercept:	0
Slope:	1.31

Error Coefficients

Standard Error:	886000
Relative Standard Error:	5.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	1.172006	50.0	471286.0	1.172006	Y
2	IC 860-5780/3	5.0	6.745932	50.0	472381.0	1.349186	Y
3	IC 860-5780/4	10.0	13.81357	50.0	461148.0	1.381357	Y
4	IC 860-5780/5	25.0	33.369459	50.0	461813.0	1.334778	Y
5	ICIS 860-5780/6	50.0	66.382358	50.0	461118.0	1.327647	Y
6	IC 860-5780/7	100.0	133.281958	50.0	453199.0	1.33282	Y
7	IC 860-5780/8	150.0	191.002128	50.0	434675.0	1.273348	Y



Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

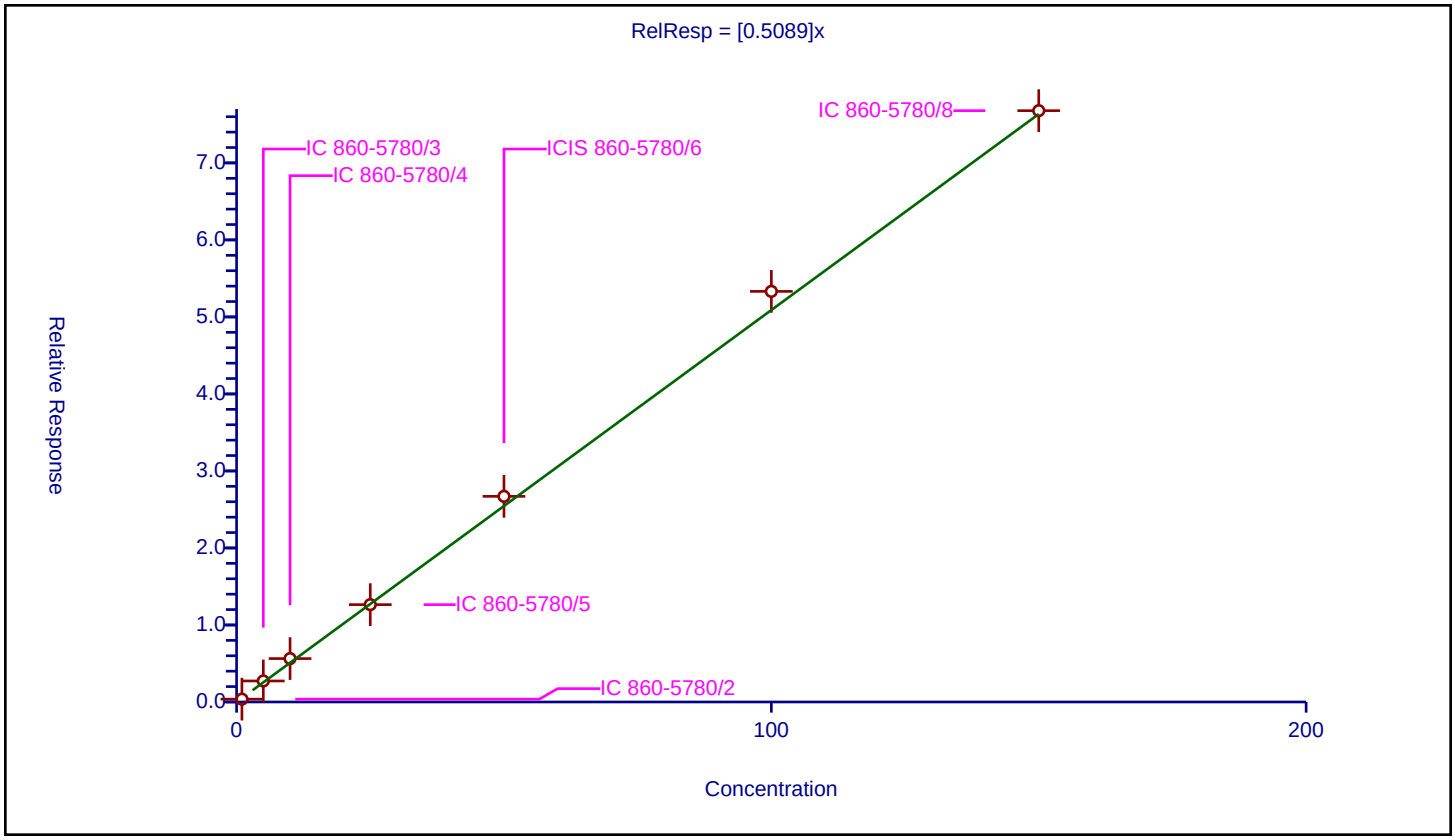
Curve Coefficients

Intercept:	0
Slope:	0.5089

Error Coefficients

Standard Error:	355000
Relative Standard Error:	12.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	0.367929	50.0	471286.0	0.367929	Y
2	IC 860-5780/3	5.0	2.731905	50.0	472381.0	0.546381	Y
3	IC 860-5780/4	10.0	5.634959	50.0	461148.0	0.563496	Y
4	IC 860-5780/5	25.0	12.639748	50.0	461813.0	0.50559	Y
5	ICIS 860-5780/6	50.0	26.704119	50.0	461118.0	0.534082	Y
6	IC 860-5780/7	100.0	53.317638	50.0	453199.0	0.533176	Y
7	IC 860-5780/8	150.0	76.784839	50.0	434675.0	0.511899	Y



Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

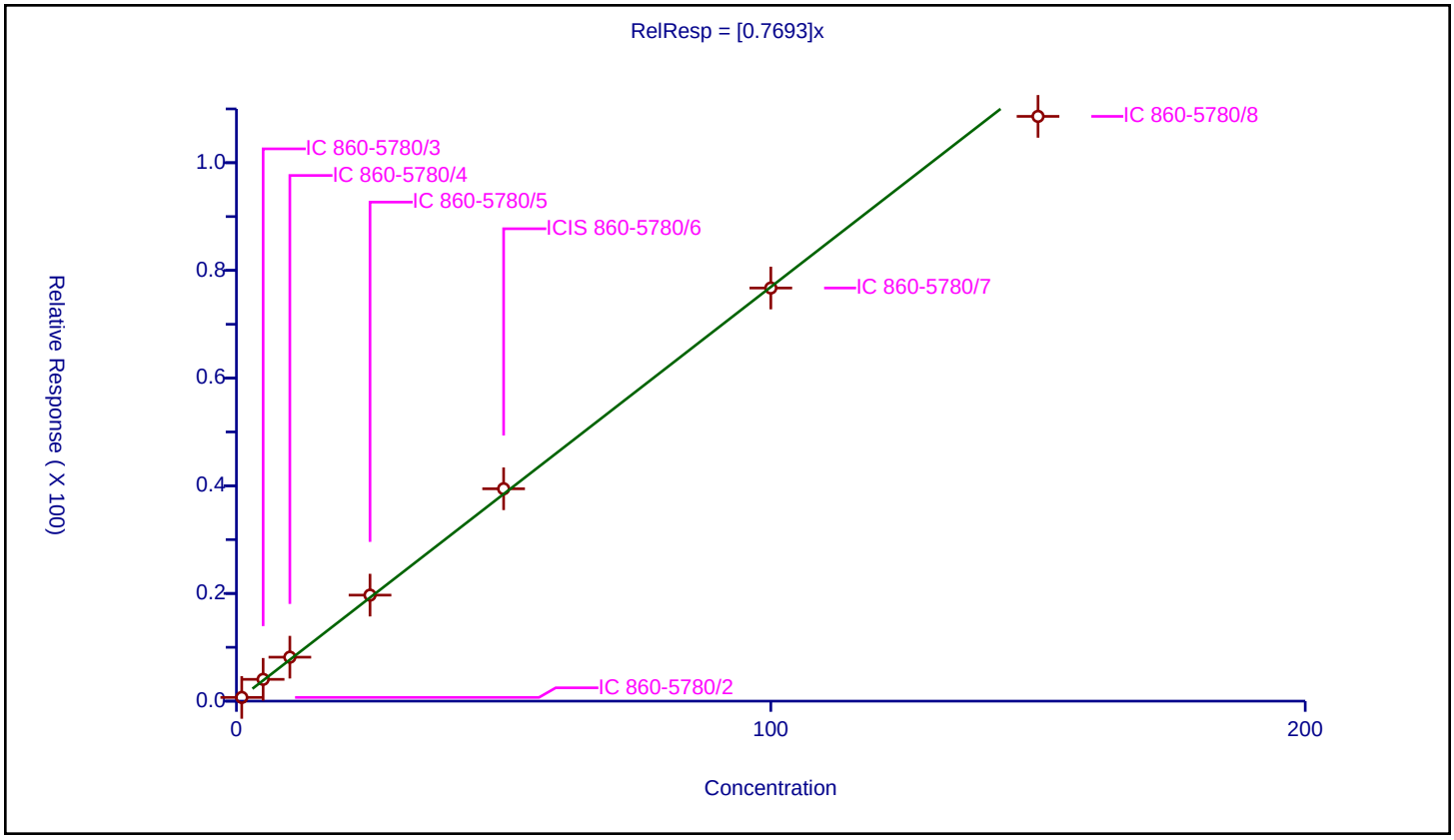
Curve Coefficients

Intercept:	0
Slope:	0.7693

Error Coefficients

Standard Error:	508000
Relative Standard Error:	6.0
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	0.690451	50.0	471286.0	0.690451	Y
2	IC 860-5780/3	5.0	4.051179	50.0	472381.0	0.810236	Y
3	IC 860-5780/4	10.0	8.162889	50.0	461148.0	0.816289	Y
4	IC 860-5780/5	25.0	19.690004	50.0	461813.0	0.7876	Y
5	ICIS 860-5780/6	50.0	39.441314	50.0	461118.0	0.788826	Y
6	IC 860-5780/7	100.0	76.734062	50.0	453199.0	0.767341	Y
7	IC 860-5780/8	150.0	108.611951	50.0	434675.0	0.72408	Y



Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

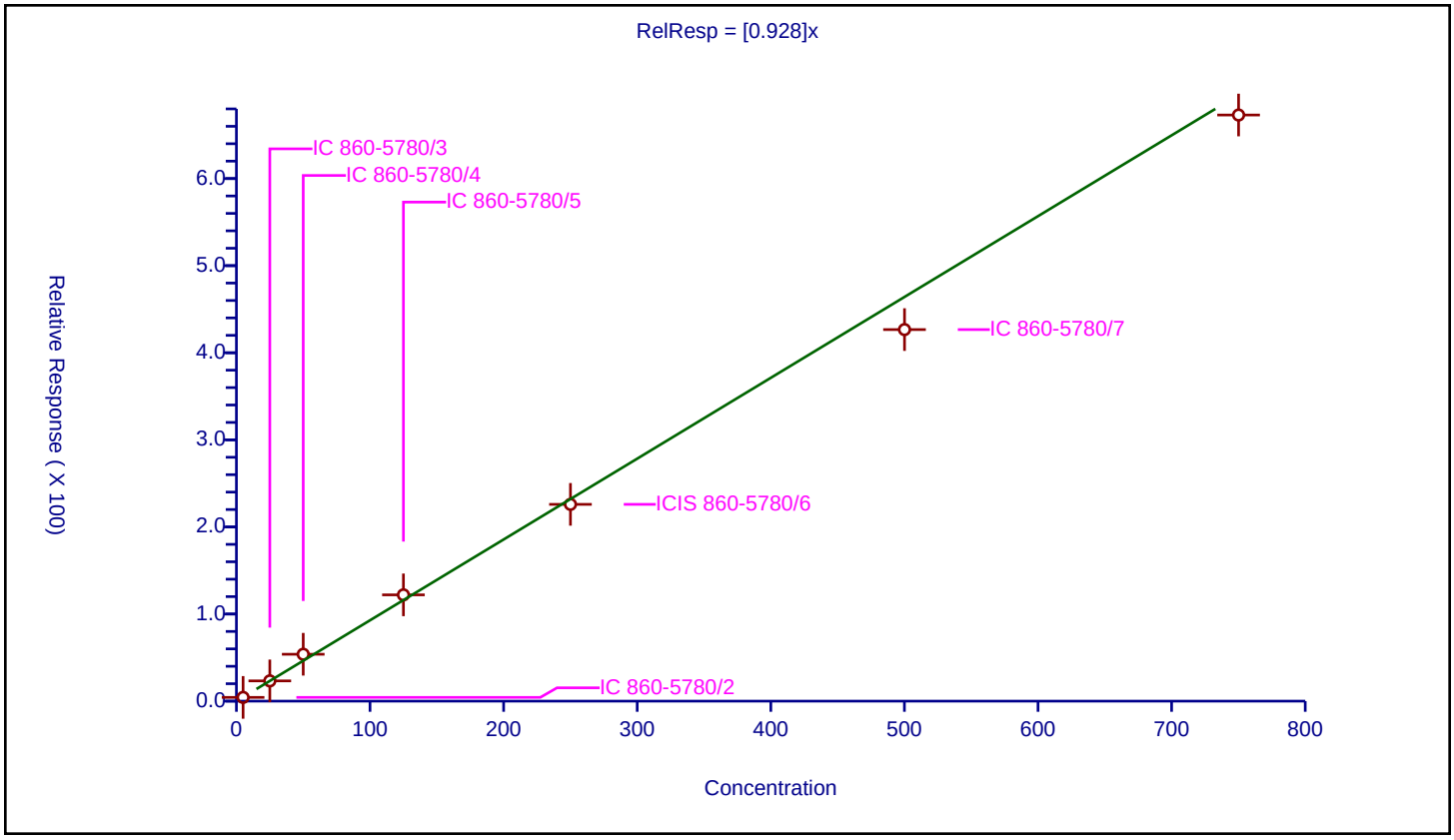
Curve Coefficients

Intercept:	0
Slope:	0.928

Error Coefficients

Standard Error:	3030000
Relative Standard Error:	8.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	5.00088	4.297815	50.0	471286.0	0.859412	Y
2	IC 860-5780/3	25.0044	23.271152	50.0	472381.0	0.930682	Y
3	IC 860-5780/4	50.0088	53.824369	50.0	461148.0	1.076298	Y
4	IC 860-5780/5	125.022	122.034352	50.0	461813.0	0.976103	Y
5	ICIS 860-5780/6	250.044	225.949323	50.0	461118.0	0.903638	Y
6	IC 860-5780/7	500.088	426.6052	50.0	453199.0	0.85306	Y
7	IC 860-5780/8	750.132	672.955541	50.0	434675.0	0.897116	Y



Calibration / Isopropyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

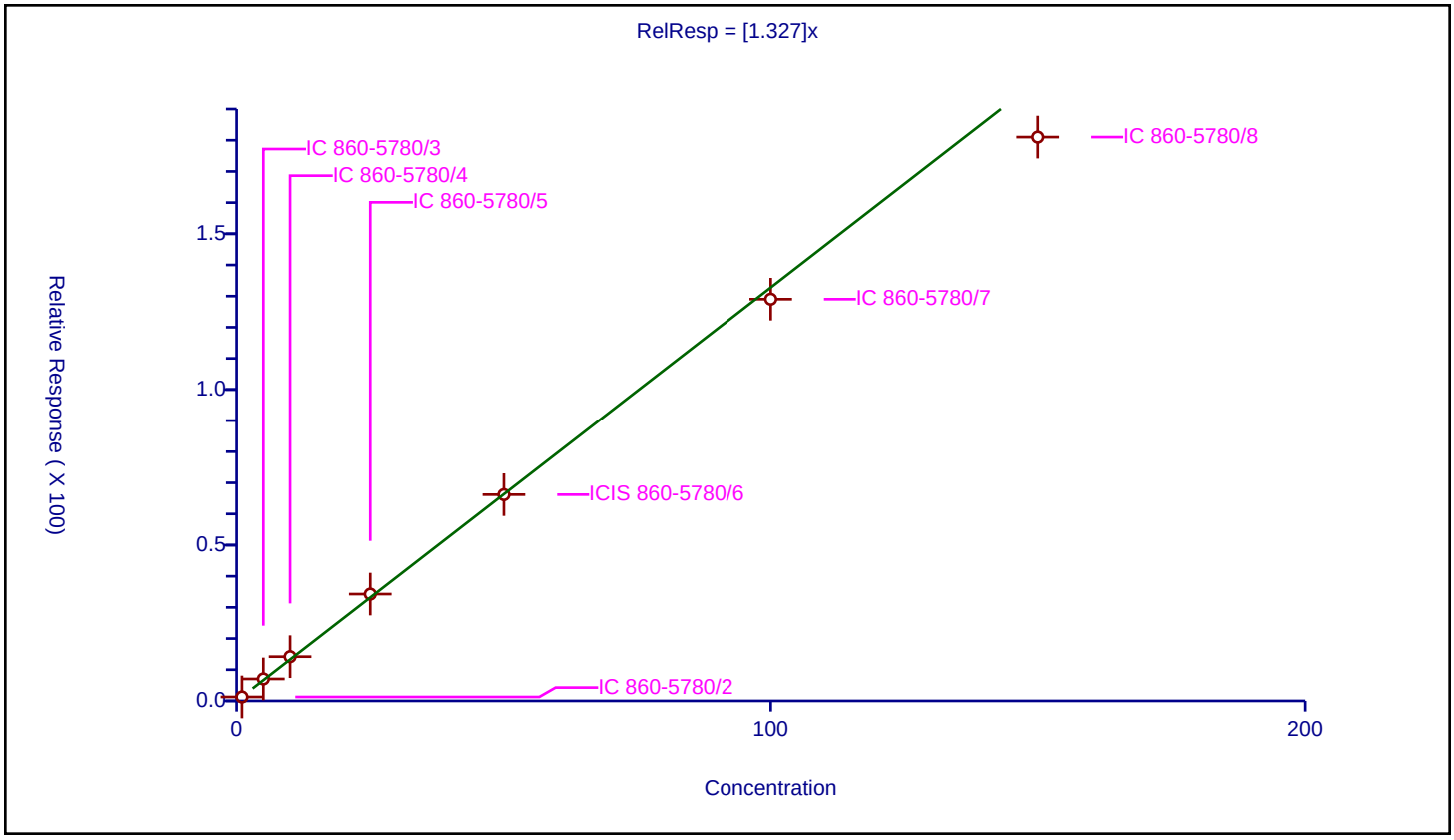
Curve Coefficients

Intercept:	0
Slope:	1.327

Error Coefficients

Standard Error:	850000
Relative Standard Error:	5.8
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	1.272157	50.0	471286.0	1.272157	Y
2	IC 860-5780/3	5.0	7.044949	50.0	472381.0	1.40899	Y
3	IC 860-5780/4	10.0	14.187961	50.0	461148.0	1.418796	Y
4	IC 860-5780/5	25.0	34.278918	50.0	461813.0	1.371157	Y
5	ICIS 860-5780/6	50.0	66.216023	50.0	461118.0	1.32432	Y
6	IC 860-5780/7	100.0	129.021467	50.0	453199.0	1.290215	Y
7	IC 860-5780/8	150.0	181.011675	50.0	434675.0	1.206745	Y



Calibration / 2-Chloro-1,3-butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

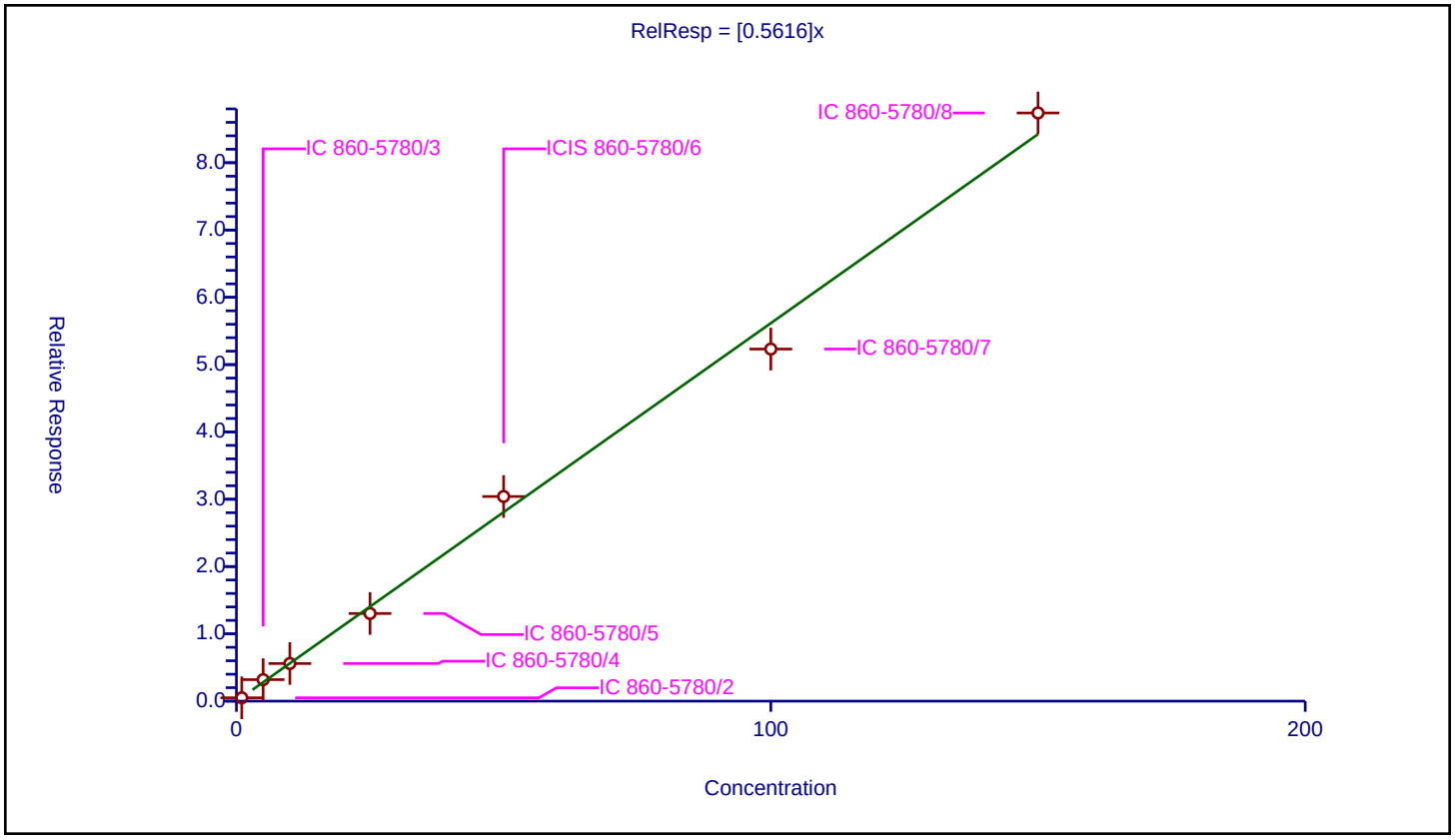
Curve Coefficients

Intercept:	0
Slope:	0.5616

Error Coefficients

Standard Error:	387000
Relative Standard Error:	9.1
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	0.49853	50.0	471286.0	0.49853	Y
2	IC 860-5780/3	5.0	3.194879	50.0	472381.0	0.638976	Y
3	IC 860-5780/4	10.0	5.588661	50.0	461148.0	0.558866	Y
4	IC 860-5780/5	25.0	13.020855	50.0	461813.0	0.520834	Y
5	ICIS 860-5780/6	50.0	30.407943	50.0	461118.0	0.608159	Y
6	IC 860-5780/7	100.0	52.315429	50.0	453199.0	0.523154	Y
7	IC 860-5780/8	150.0	87.39541	50.0	434675.0	0.582636	Y



Calibration / Tert-butyl ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

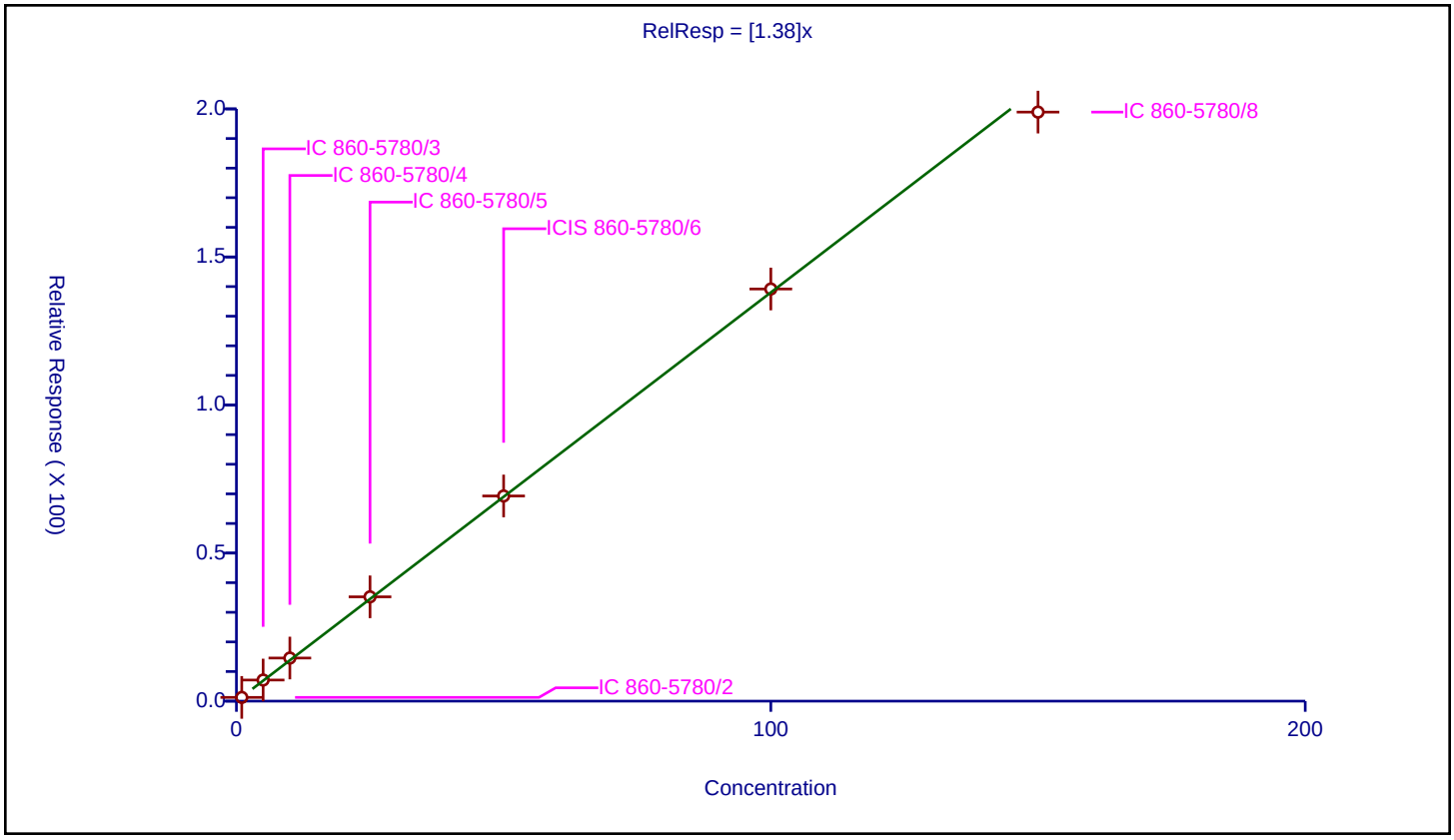
Curve Coefficients

Intercept:	0
Slope:	1.38

Error Coefficients

Standard Error:	924000
Relative Standard Error:	4.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	1.267171	50.0	471286.0	1.267171	Y
2	IC 860-5780/3	5.0	7.125287	50.0	472381.0	1.425057	Y
3	IC 860-5780/4	10.0	14.557799	50.0	461148.0	1.45578	Y
4	IC 860-5780/5	25.0	35.22573	50.0	461813.0	1.409029	Y
5	ICIS 860-5780/6	50.0	69.28476	50.0	461118.0	1.385695	Y
6	IC 860-5780/7	100.0	139.177933	50.0	453199.0	1.391779	Y
7	IC 860-5780/8	150.0	198.919768	50.0	434675.0	1.326132	Y



Calibration / 2,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

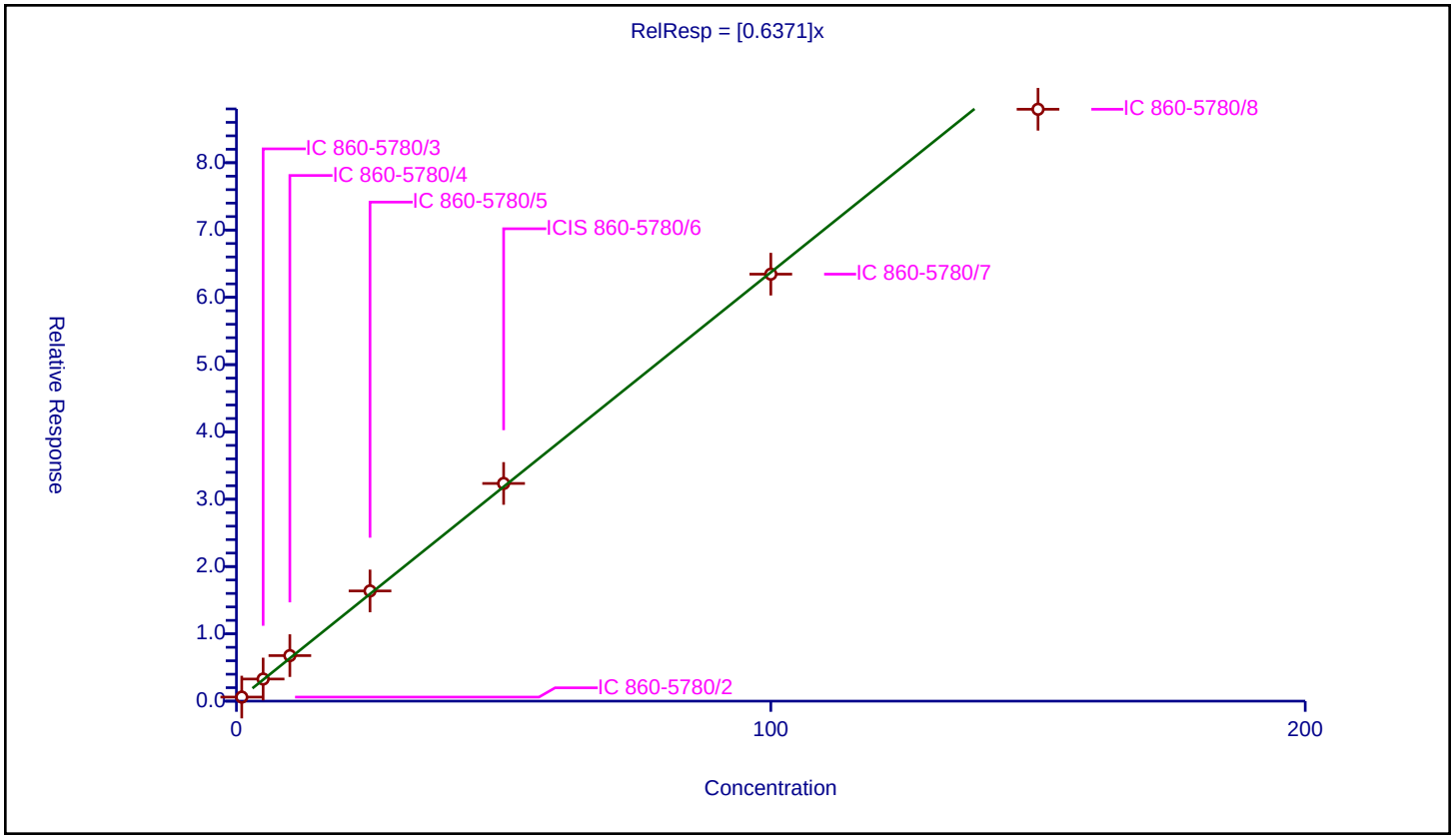
Curve Coefficients

Intercept:	0
Slope:	0.6371

Error Coefficients

Standard Error:	415000
Relative Standard Error:	5.0
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	0.603455	50.0	471286.0	0.603455	Y
2	IC 860-5780/3	5.0	3.285695	50.0	472381.0	0.657139	Y
3	IC 860-5780/4	10.0	6.766591	50.0	461148.0	0.676659	Y
4	IC 860-5780/5	25.0	16.374377	50.0	461813.0	0.654975	Y
5	ICIS 860-5780/6	50.0	32.344649	50.0	461118.0	0.646893	Y
6	IC 860-5780/7	100.0	63.445308	50.0	453199.0	0.634453	Y
7	IC 860-5780/8	150.0	87.943061	50.0	434675.0	0.586287	Y



Calibration / cis-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

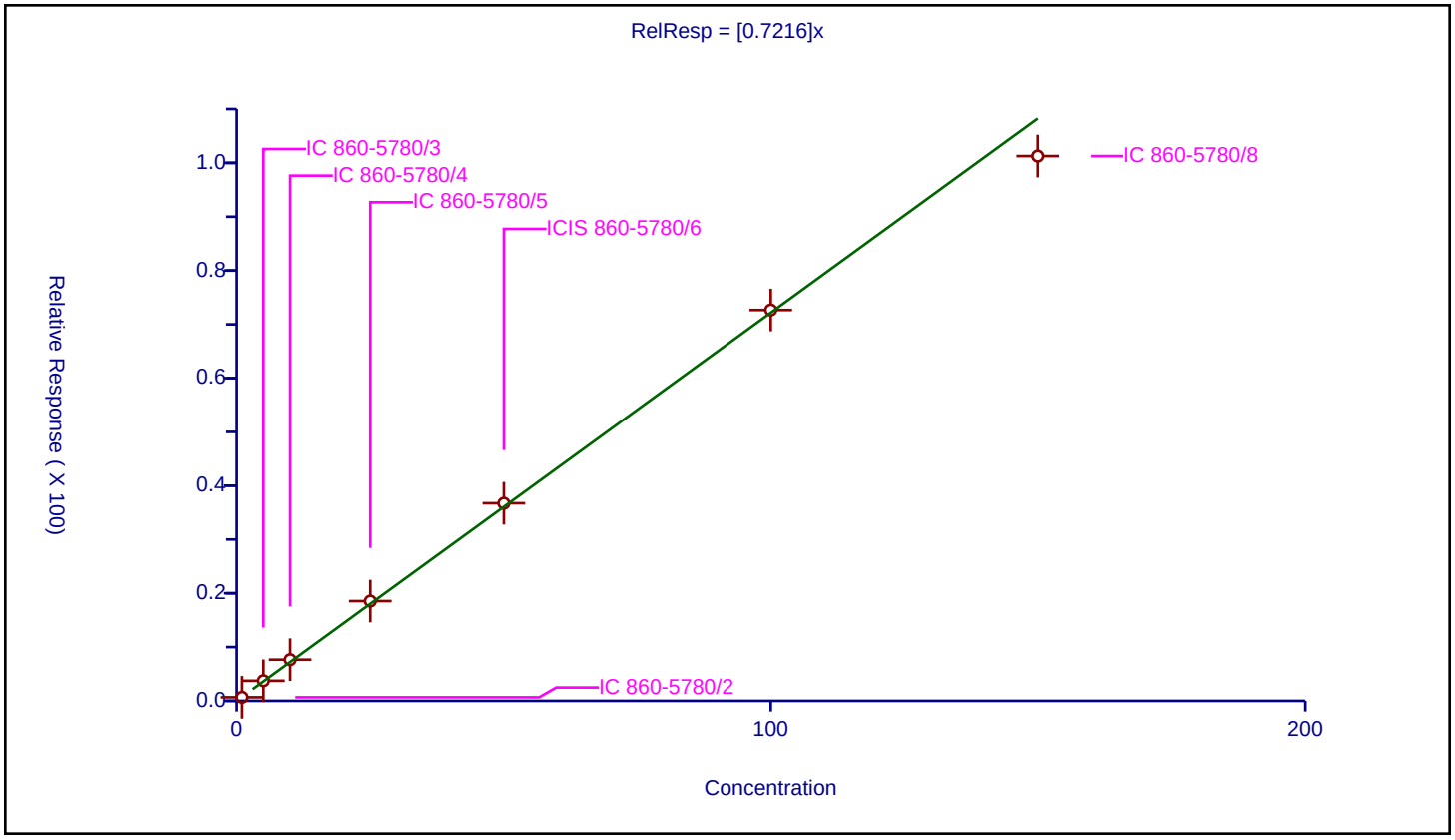
Curve Coefficients

Intercept:	0
Slope:	0.7216

Error Coefficients

Standard Error:	476000
Relative Standard Error:	5.4
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	0.660427	50.0	471286.0	0.660427	Y
2	IC 860-5780/3	5.0	3.733639	50.0	472381.0	0.746728	Y
3	IC 860-5780/4	10.0	7.656544	50.0	461148.0	0.765654	Y
4	IC 860-5780/5	25.0	18.549608	50.0	461813.0	0.741984	Y
5	ICIS 860-5780/6	50.0	36.738861	50.0	461118.0	0.734777	Y
6	IC 860-5780/7	100.0	72.666422	50.0	453199.0	0.726664	Y
7	IC 860-5780/8	150.0	101.267269	50.0	434675.0	0.675115	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

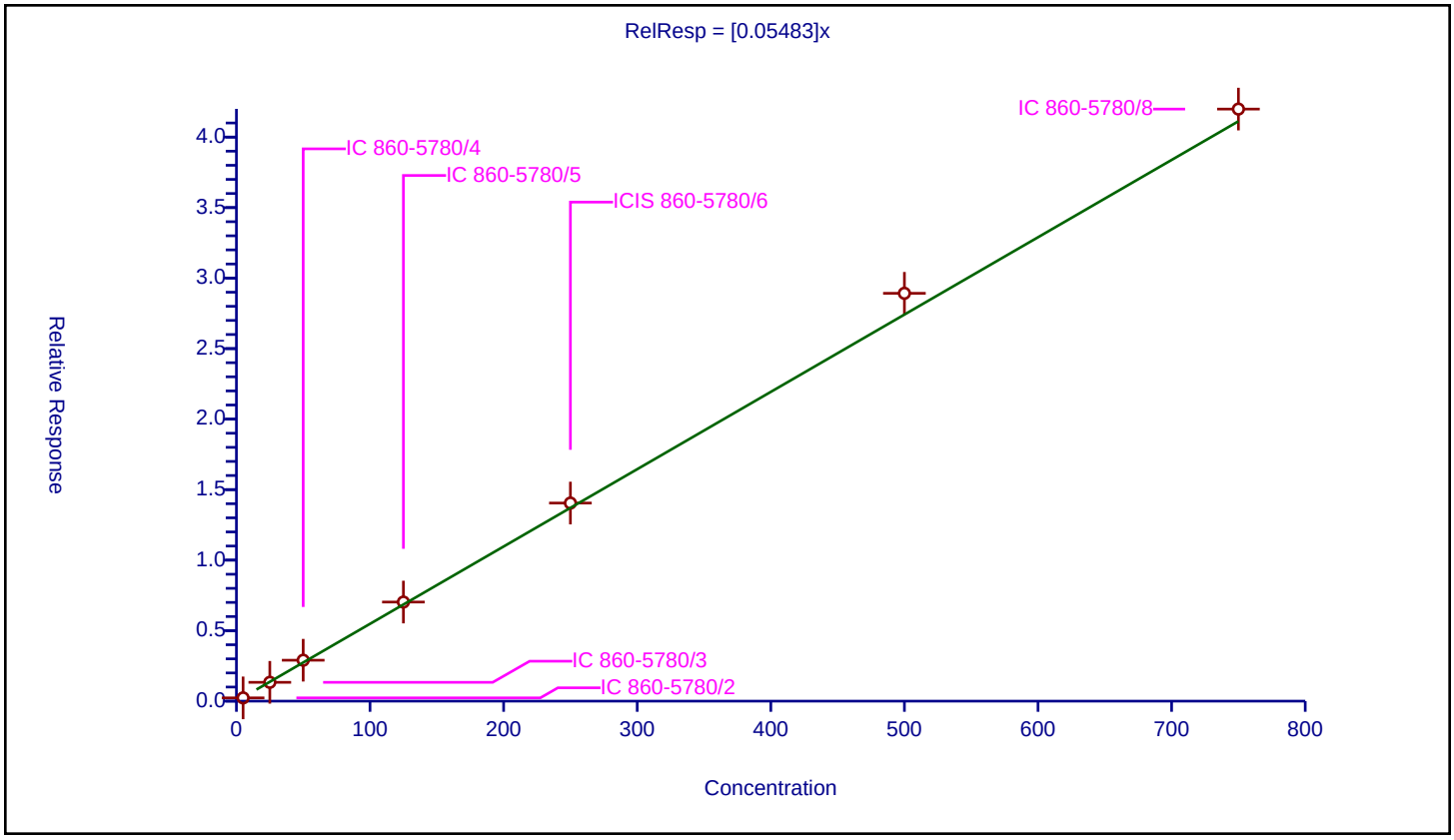
Curve Coefficients

Intercept:	0
Slope:	0.05483

Error Coefficients

Standard Error:	193000
Relative Standard Error:	7.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	5.0	0.230858	50.0	471286.0	0.046172	Y
2	IC 860-5780/3	25.0	1.333669	50.0	472381.0	0.053347	Y
3	IC 860-5780/4	50.0	2.902105	50.0	461148.0	0.058042	Y
4	IC 860-5780/5	125.0	7.027628	50.0	461813.0	0.056221	Y
5	ICIS 860-5780/6	250.0	14.047164	50.0	461118.0	0.056189	Y
6	IC 860-5780/7	500.0	28.922173	50.0	453199.0	0.057844	Y
7	IC 860-5780/8	750.0	41.987002	50.0	434675.0	0.055983	Y



Calibration / Propionitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

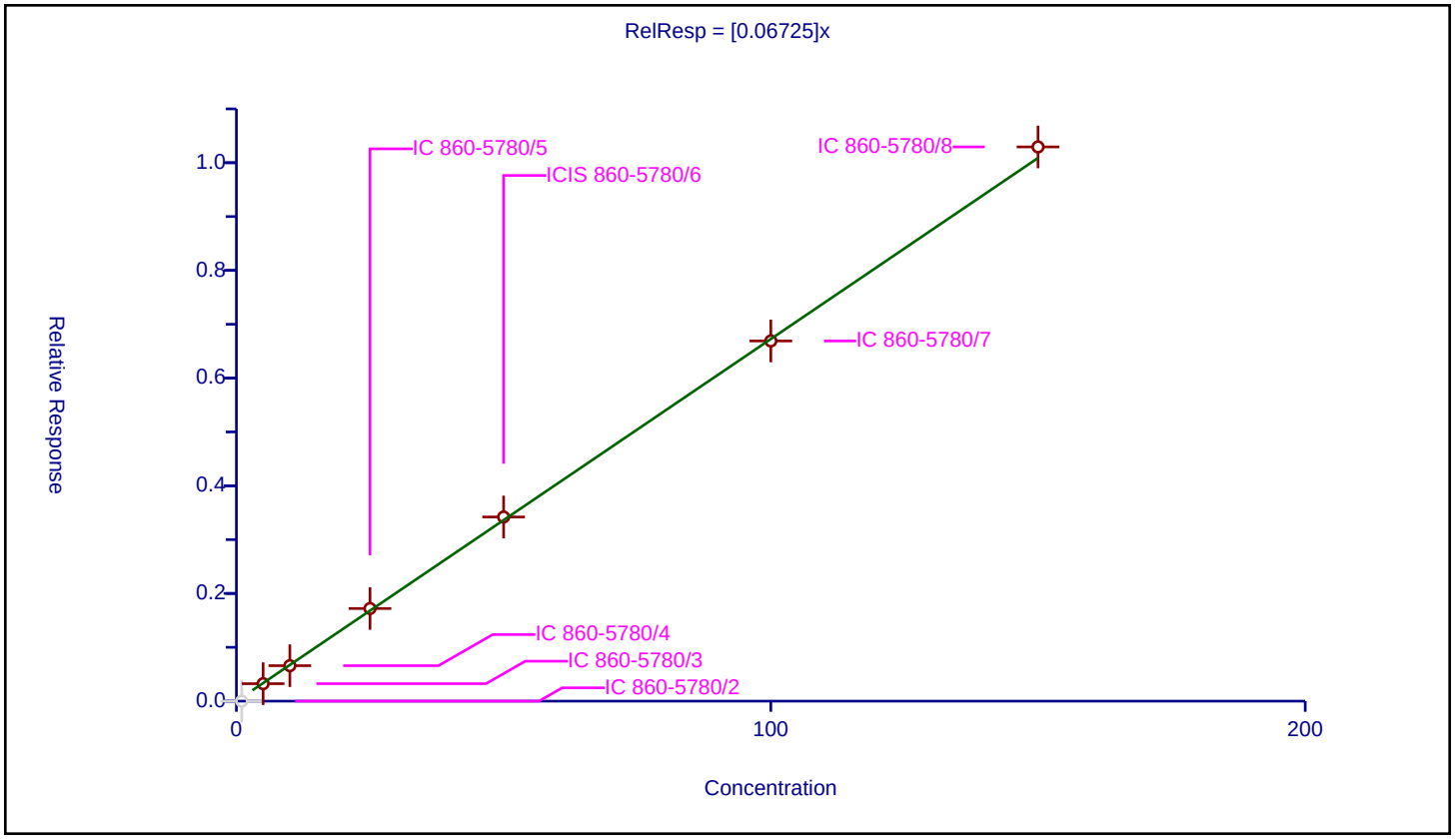
Curve Coefficients

Intercept:	0
Slope:	0.06725

Error Coefficients

Standard Error:	50900
Relative Standard Error:	2.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	0.0	50.0	471286.0	0.0	N
2	IC 860-5780/3	5.0	0.32442	50.0	472381.0	0.064884	Y
3	IC 860-5780/4	10.0	0.658791	50.0	461148.0	0.065879	Y
4	IC 860-5780/5	25.0	1.720935	50.0	461813.0	0.068837	Y
5	ICIS 860-5780/6	50.0	3.420274	50.0	461118.0	0.068405	Y
6	IC 860-5780/7	100.0	6.689776	50.0	453199.0	0.066898	Y
7	IC 860-5780/8	150.0	10.293553	50.0	434675.0	0.068624	Y



Calibration / Methacrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

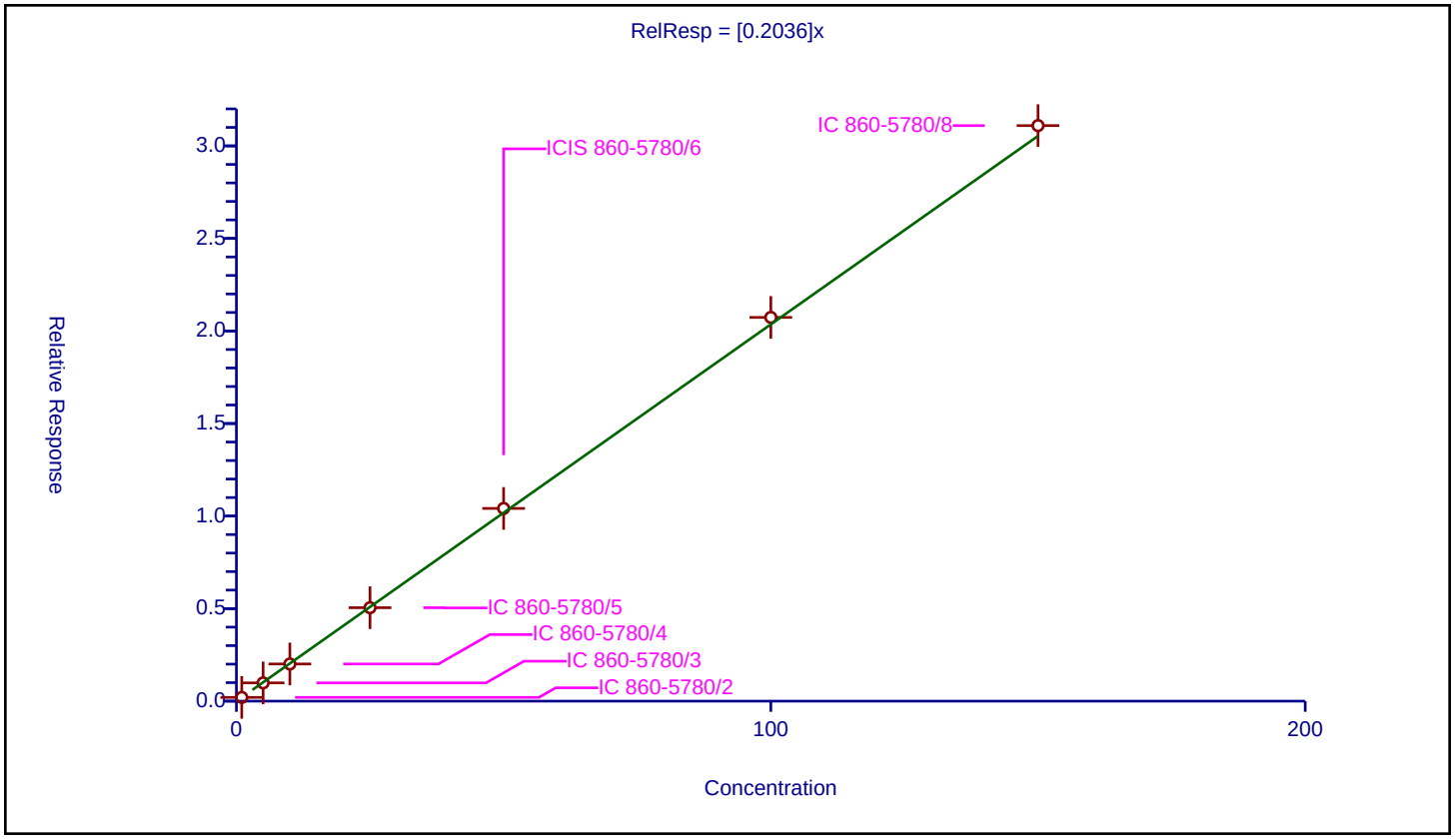
Curve Coefficients

Intercept:	0
Slope:	0.2036

Error Coefficients

Standard Error:	142000
Relative Standard Error:	2.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	0.202107	50.0	471286.0	0.202107	Y
2	IC 860-5780/3	5.0	0.98628	50.0	472381.0	0.197256	Y
3	IC 860-5780/4	10.0	2.008032	50.0	461148.0	0.200803	Y
4	IC 860-5780/5	25.0	5.048472	50.0	461813.0	0.201939	Y
5	ICIS 860-5780/6	50.0	10.412844	50.0	461118.0	0.208257	Y
6	IC 860-5780/7	100.0	20.733828	50.0	453199.0	0.207338	Y
7	IC 860-5780/8	150.0	31.096911	50.0	434675.0	0.207313	Y



Calibration / Chlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

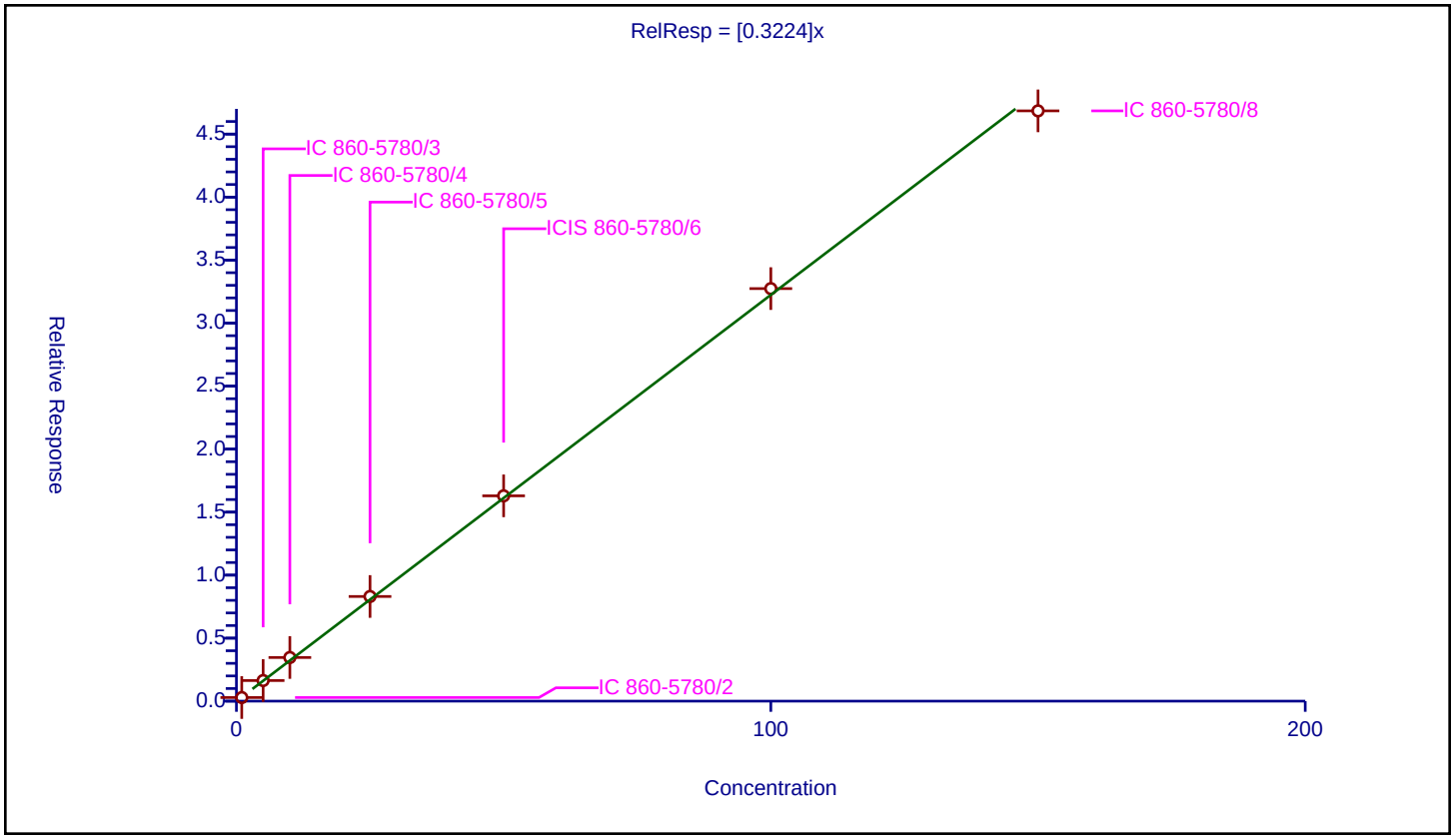
Curve Coefficients

Intercept:	0
Slope:	0.3224

Error Coefficients

Standard Error:	217000
Relative Standard Error:	5.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	0.285814	50.0	471286.0	0.285814	Y
2	IC 860-5780/3	5.0	1.634062	50.0	472381.0	0.326812	Y
3	IC 860-5780/4	10.0	3.462988	50.0	461148.0	0.346299	Y
4	IC 860-5780/5	25.0	8.305851	50.0	461813.0	0.332234	Y
5	ICIS 860-5780/6	50.0	16.293118	50.0	461118.0	0.325862	Y
6	IC 860-5780/7	100.0	32.738819	50.0	453199.0	0.327388	Y
7	IC 860-5780/8	150.0	46.842584	50.0	434675.0	0.312284	Y



Calibration / Tetrahydrofuran

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

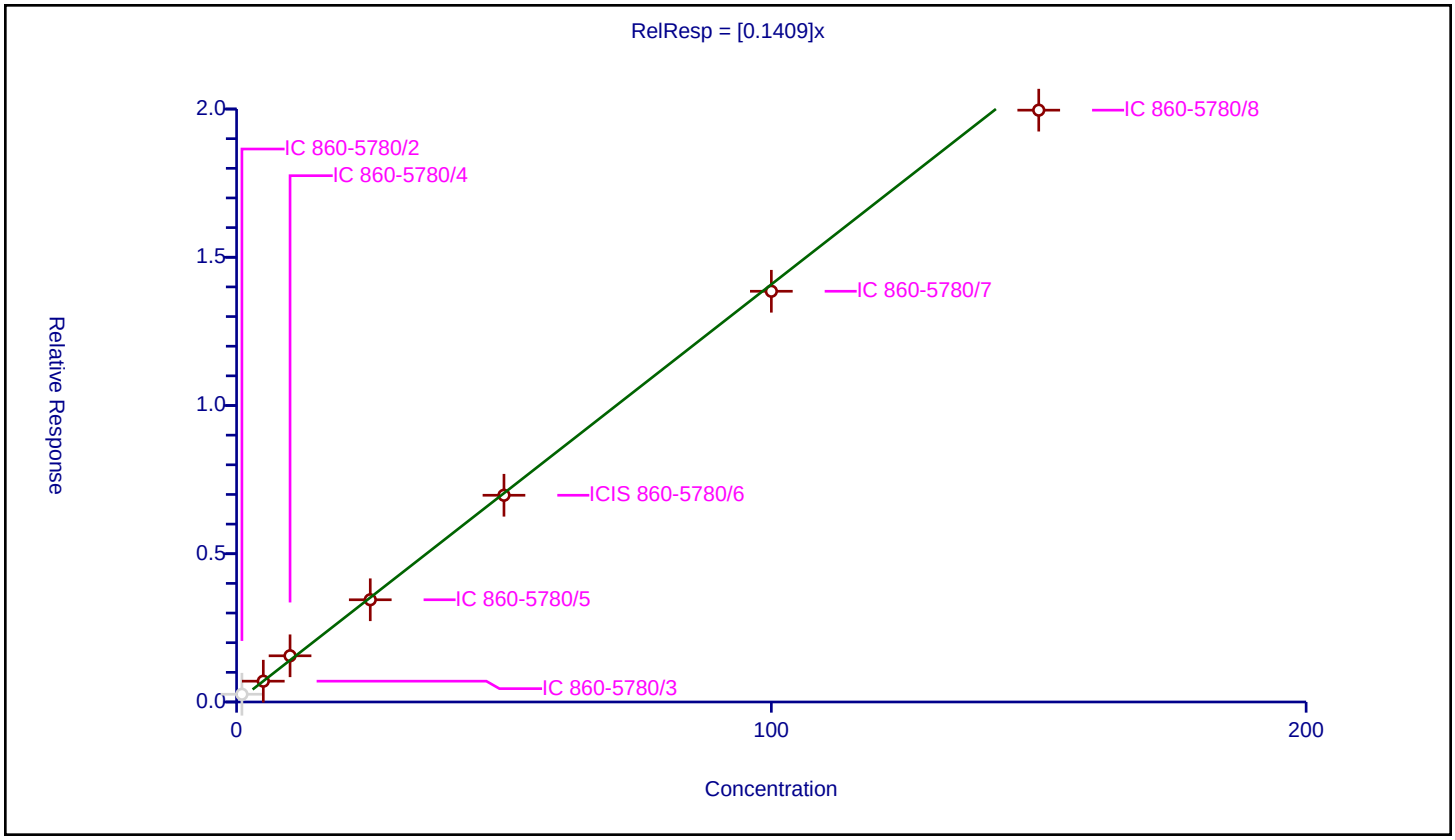
Curve Coefficients

Intercept:	0
Slope:	0.1409

Error Coefficients

Standard Error:	101000
Relative Standard Error:	5.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	0.260988	50.0	471286.0	0.260988	N
2	IC 860-5780/3	5.0	0.701658	50.0	472381.0	0.140332	Y
3	IC 860-5780/4	10.0	1.55796	50.0	461148.0	0.155796	Y
4	IC 860-5780/5	25.0	3.448041	50.0	461813.0	0.137922	Y
5	ICIS 860-5780/6	50.0	6.972836	50.0	461118.0	0.139457	Y
6	IC 860-5780/7	100.0	13.852965	50.0	453199.0	0.13853	Y
7	IC 860-5780/8	150.0	19.96135	50.0	434675.0	0.133076	Y



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

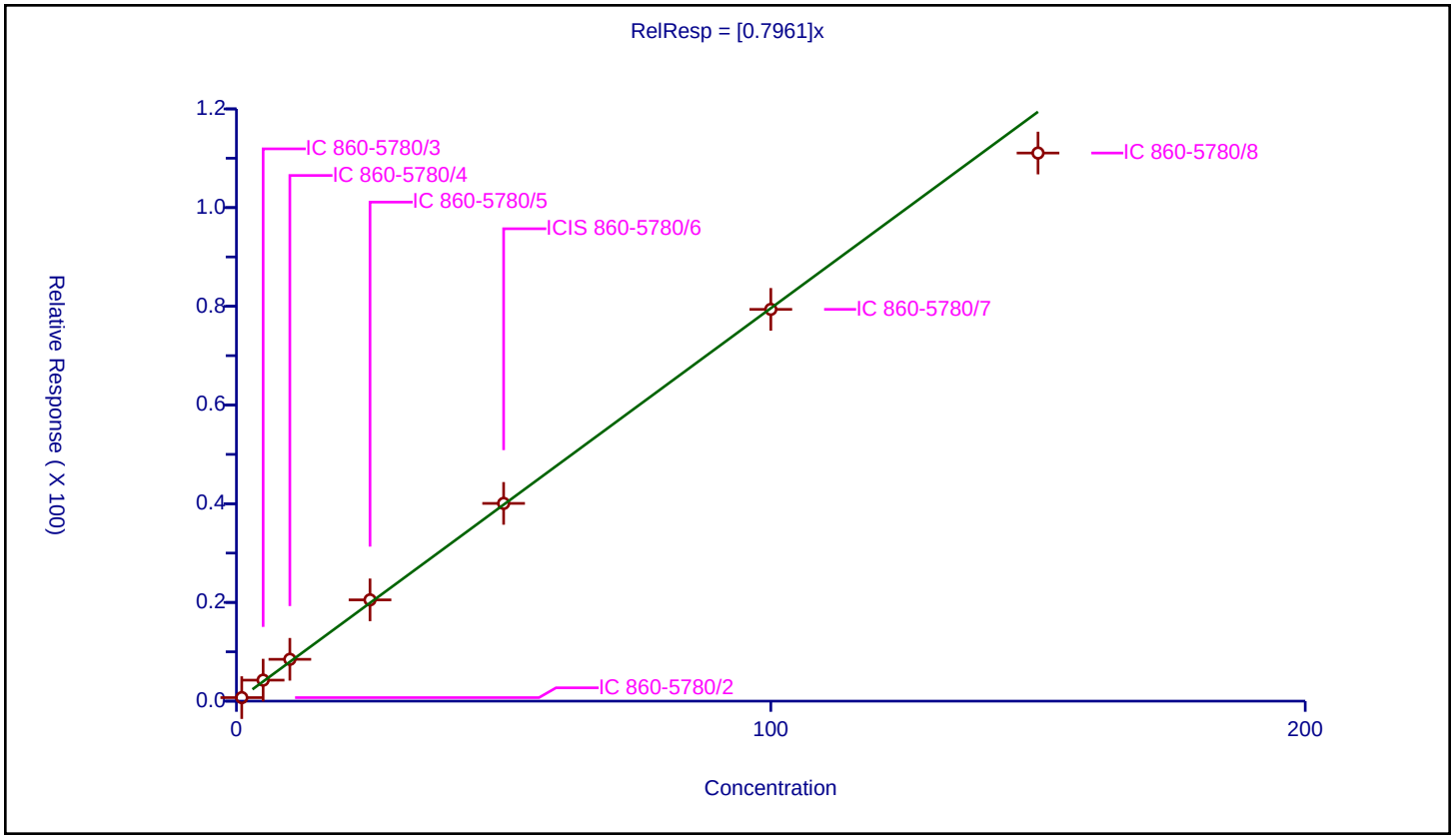
Curve Coefficients

Intercept:	0
Slope:	0.7961

Error Coefficients

Standard Error:	521000
Relative Standard Error:	6.4
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	0.717399	50.0	471286.0	0.717399	Y
2	IC 860-5780/3	5.0	4.257369	50.0	472381.0	0.851474	Y
3	IC 860-5780/4	10.0	8.474611	50.0	461148.0	0.847461	Y
4	IC 860-5780/5	25.0	20.520535	50.0	461813.0	0.820821	Y
5	ICIS 860-5780/6	50.0	40.06751	50.0	461118.0	0.80135	Y
6	IC 860-5780/7	100.0	79.381464	50.0	453199.0	0.793815	Y
7	IC 860-5780/8	150.0	111.057687	50.0	434675.0	0.740385	Y



Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

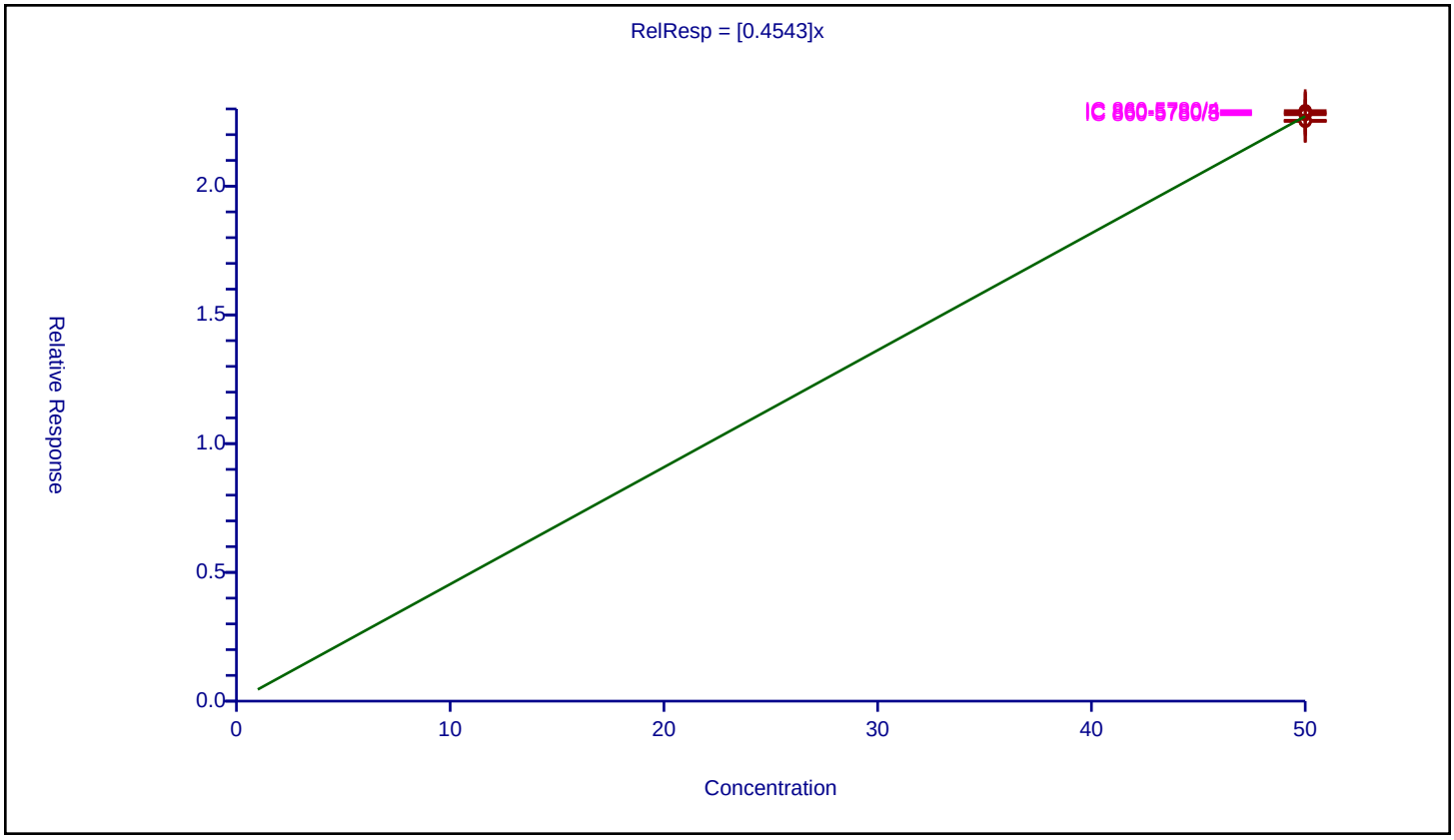
Curve Coefficients

Intercept:	0
Slope:	0.4543

Error Coefficients

Standard Error:	225000
Relative Standard Error:	0.8
Correlation Coefficient:	0.00000000000000000000
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	50.0	22.557322	50.0	471286.0	0.451146	Y
2	IC 860-5780/3	50.0	22.855068	50.0	472381.0	0.457101	Y
3	IC 860-5780/4	50.0	22.932876	50.0	461148.0	0.458658	Y
4	IC 860-5780/5	50.0	22.827638	50.0	461813.0	0.456553	Y
5	ICIS 860-5780/6	50.0	22.532844	50.0	461118.0	0.450657	Y
6	IC 860-5780/7	50.0	22.514723	50.0	453199.0	0.450294	Y
7	IC 860-5780/8	50.0	22.772761	50.0	434675.0	0.455455	Y



Calibration / 1,1,1-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

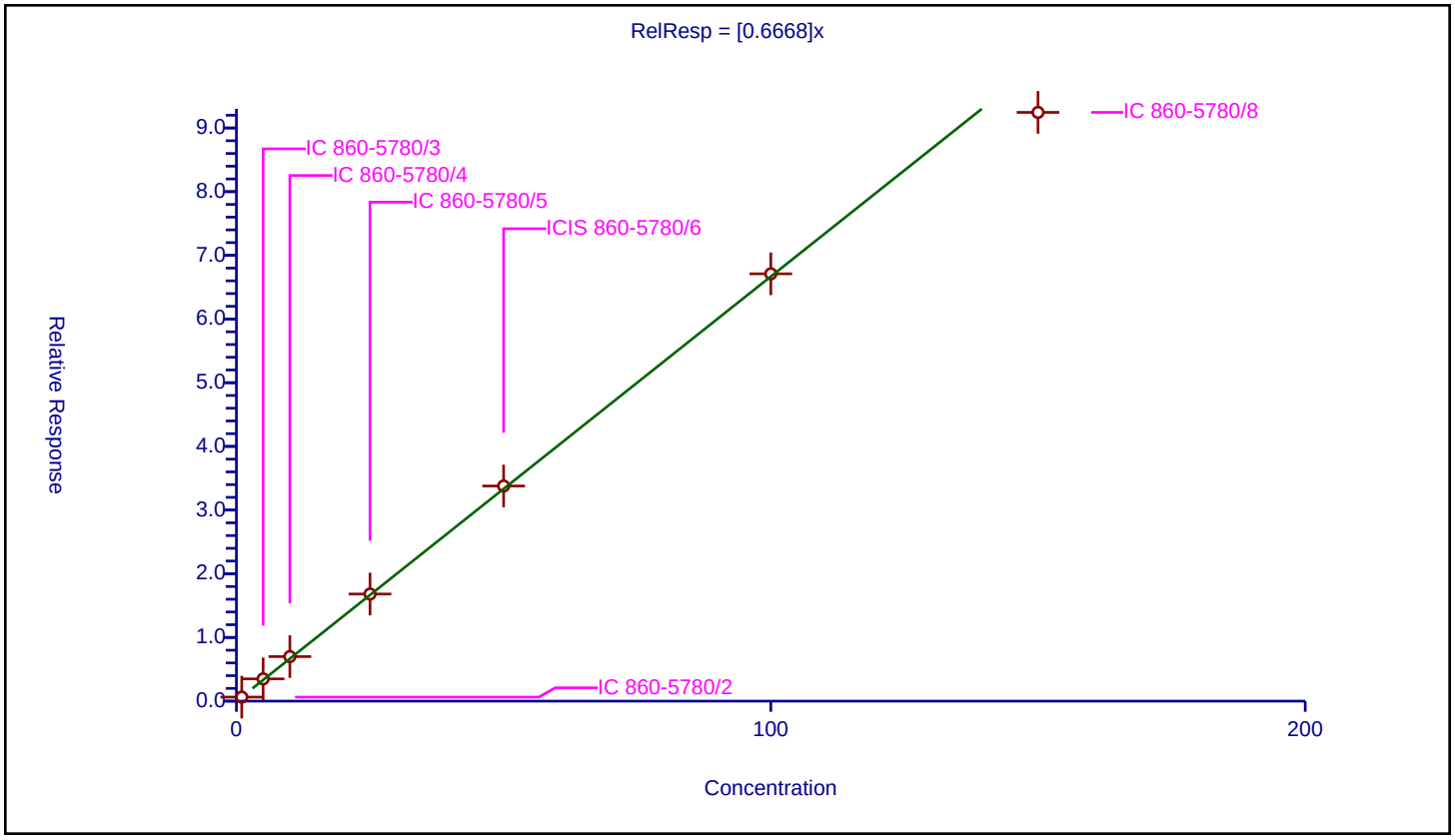
Curve Coefficients

Intercept:	0
Slope:	0.6668

Error Coefficients

Standard Error:	436000
Relative Standard Error:	4.7
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	0.633267	50.0	471286.0	0.633267	Y
2	IC 860-5780/3	5.0	3.495272	50.0	472381.0	0.699054	Y
3	IC 860-5780/4	10.0	6.993959	50.0	461148.0	0.699396	Y
4	IC 860-5780/5	25.0	16.820228	50.0	461813.0	0.672809	Y
5	ICIS 860-5780/6	50.0	33.7817	50.0	461118.0	0.675634	Y
6	IC 860-5780/7	100.0	67.103745	50.0	453199.0	0.671037	Y
7	IC 860-5780/8	150.0	92.449991	50.0	434675.0	0.616333	Y



Calibration / Cyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

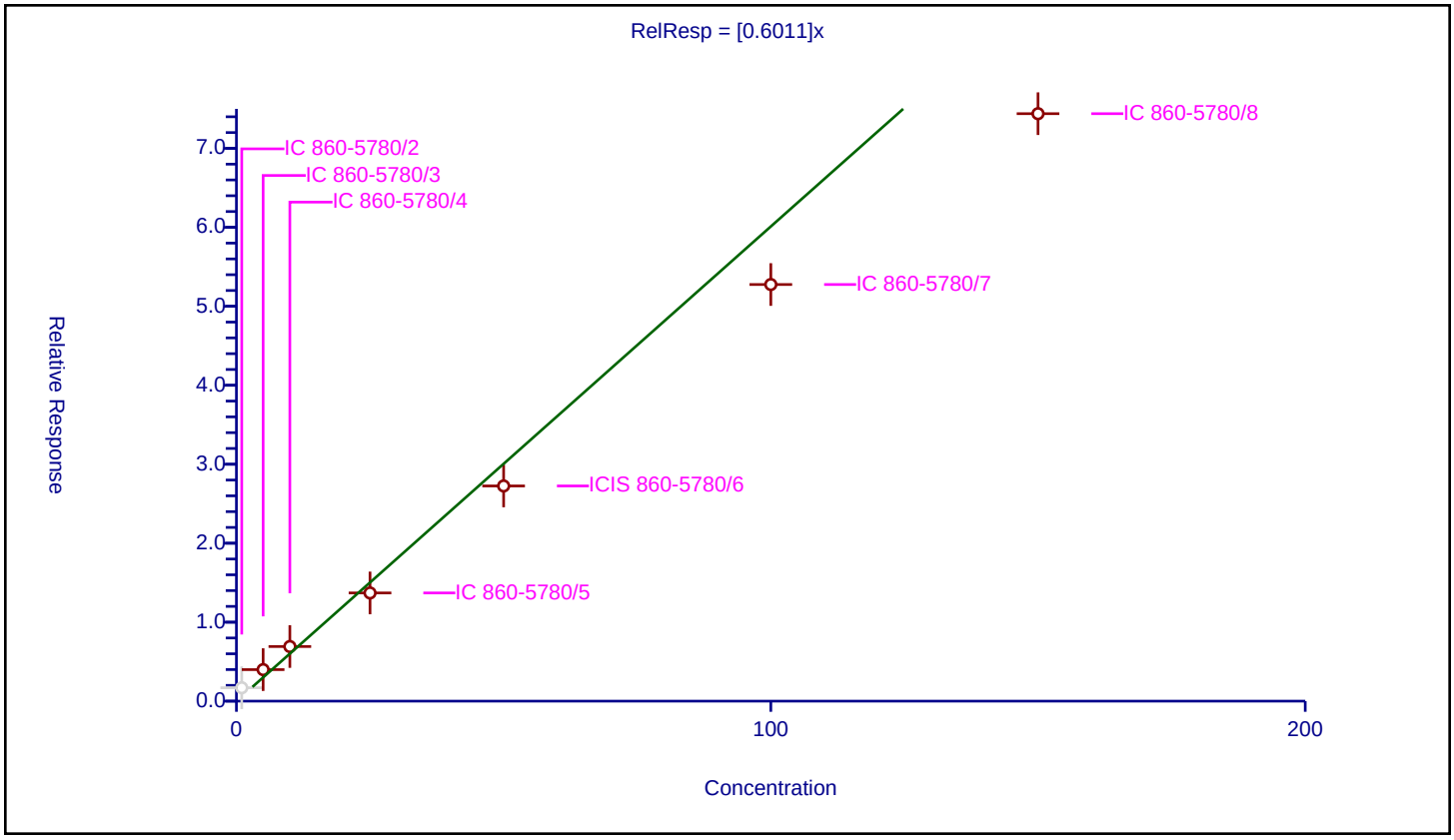
Curve Coefficients

Intercept:	0
Slope:	0.6011

Error Coefficients

Standard Error:	382000
Relative Standard Error:	19.6
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.917

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	1.695149	50.0	471286.0	1.695149	N
2	IC 860-5780/3	5.0	3.991693	50.0	472381.0	0.798339	Y
3	IC 860-5780/4	10.0	6.914808	50.0	461148.0	0.691481	Y
4	IC 860-5780/5	25.0	13.700784	50.0	461813.0	0.548031	Y
5	ICIS 860-5780/6	50.0	27.25181	50.0	461118.0	0.545036	Y
6	IC 860-5780/7	100.0	52.760708	50.0	453199.0	0.527607	Y
7	IC 860-5780/8	150.0	74.393857	50.0	434675.0	0.495959	Y



Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

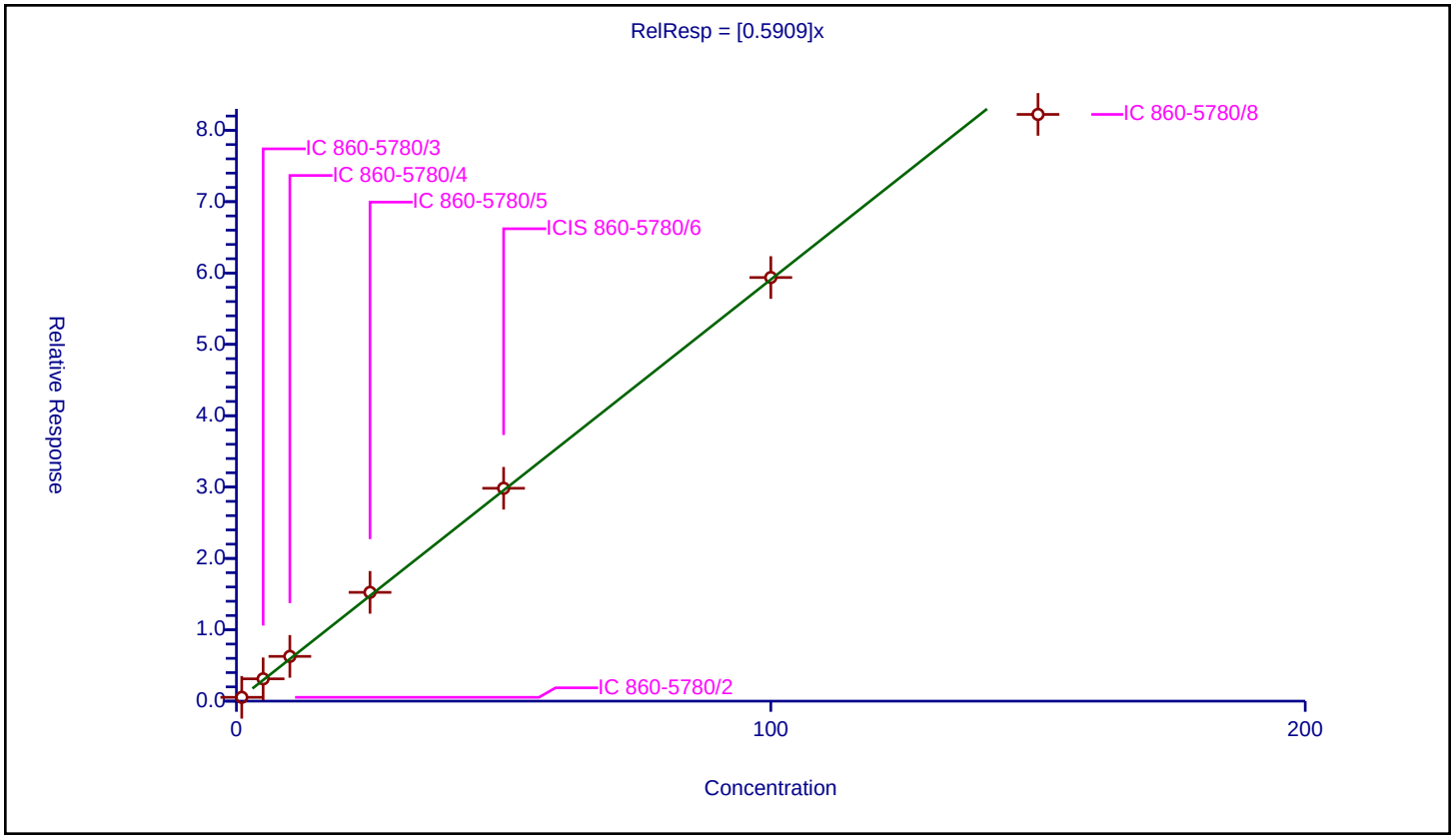
Curve Coefficients

Intercept:	0
Slope:	0.5909

Error Coefficients

Standard Error:	387000
Relative Standard Error:	6.1
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	0.535874	50.0	471286.0	0.535874	Y
2	IC 860-5780/3	5.0	3.124385	50.0	472381.0	0.624877	Y
3	IC 860-5780/4	10.0	6.271089	50.0	461148.0	0.627109	Y
4	IC 860-5780/5	25.0	15.245023	50.0	461813.0	0.609801	Y
5	ICIS 860-5780/6	50.0	29.831952	50.0	461118.0	0.596639	Y
6	IC 860-5780/7	100.0	59.370608	50.0	453199.0	0.593706	Y
7	IC 860-5780/8	150.0	82.228101	50.0	434675.0	0.548187	Y



Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

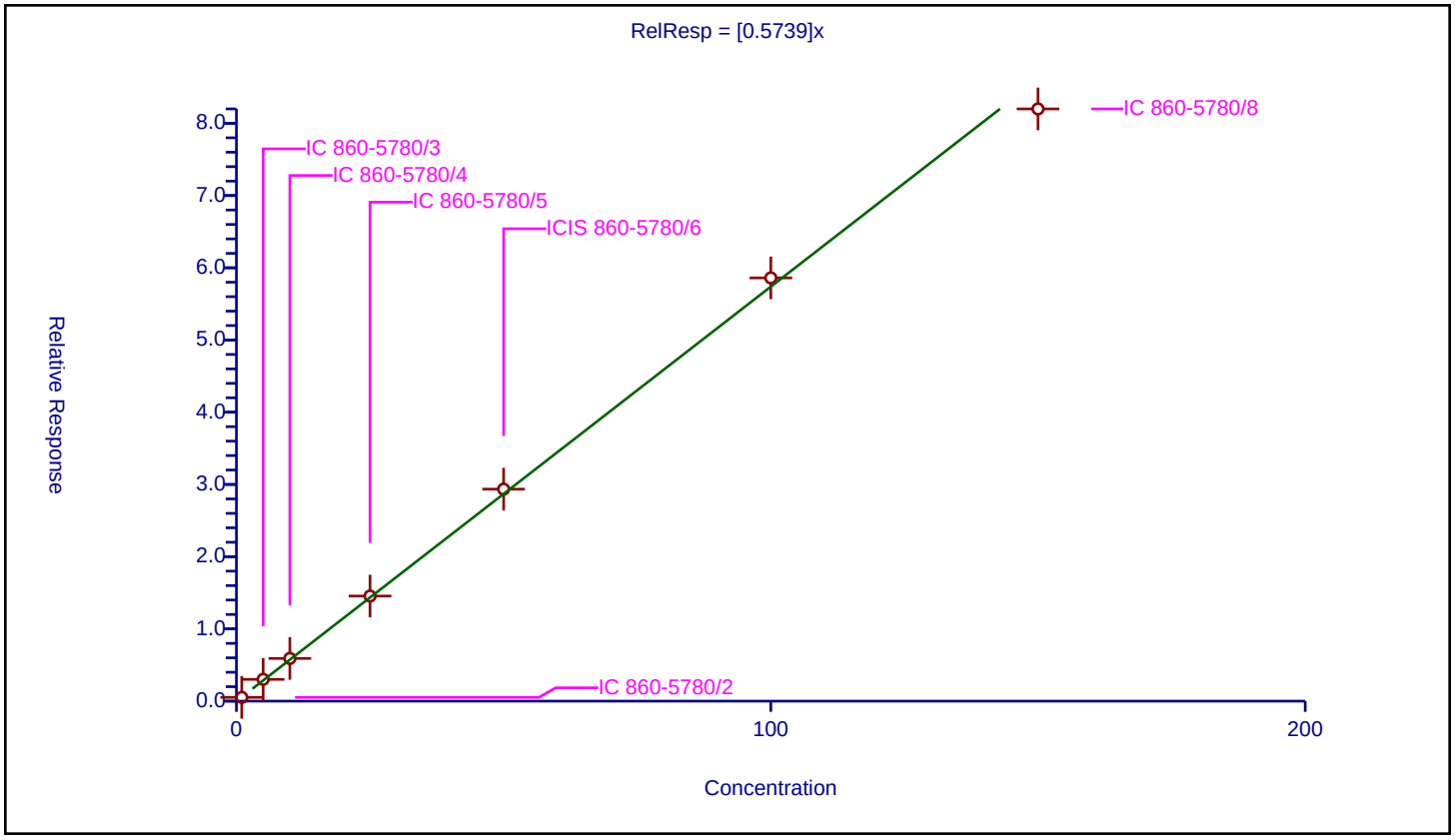
Curve Coefficients

Intercept:	0
Slope:	0.5739

Error Coefficients

Standard Error:	384000
Relative Standard Error:	5.1
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	0.521021	50.0	471286.0	0.521021	Y
2	IC 860-5780/3	5.0	3.014939	50.0	472381.0	0.602988	Y
3	IC 860-5780/4	10.0	5.914153	50.0	461148.0	0.591415	Y
4	IC 860-5780/5	25.0	14.548638	50.0	461813.0	0.581946	Y
5	ICIS 860-5780/6	50.0	29.35008	50.0	461118.0	0.587002	Y
6	IC 860-5780/7	100.0	58.602292	50.0	453199.0	0.586023	Y
7	IC 860-5780/8	150.0	81.997239	50.0	434675.0	0.546648	Y



Calibration / Isobutyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

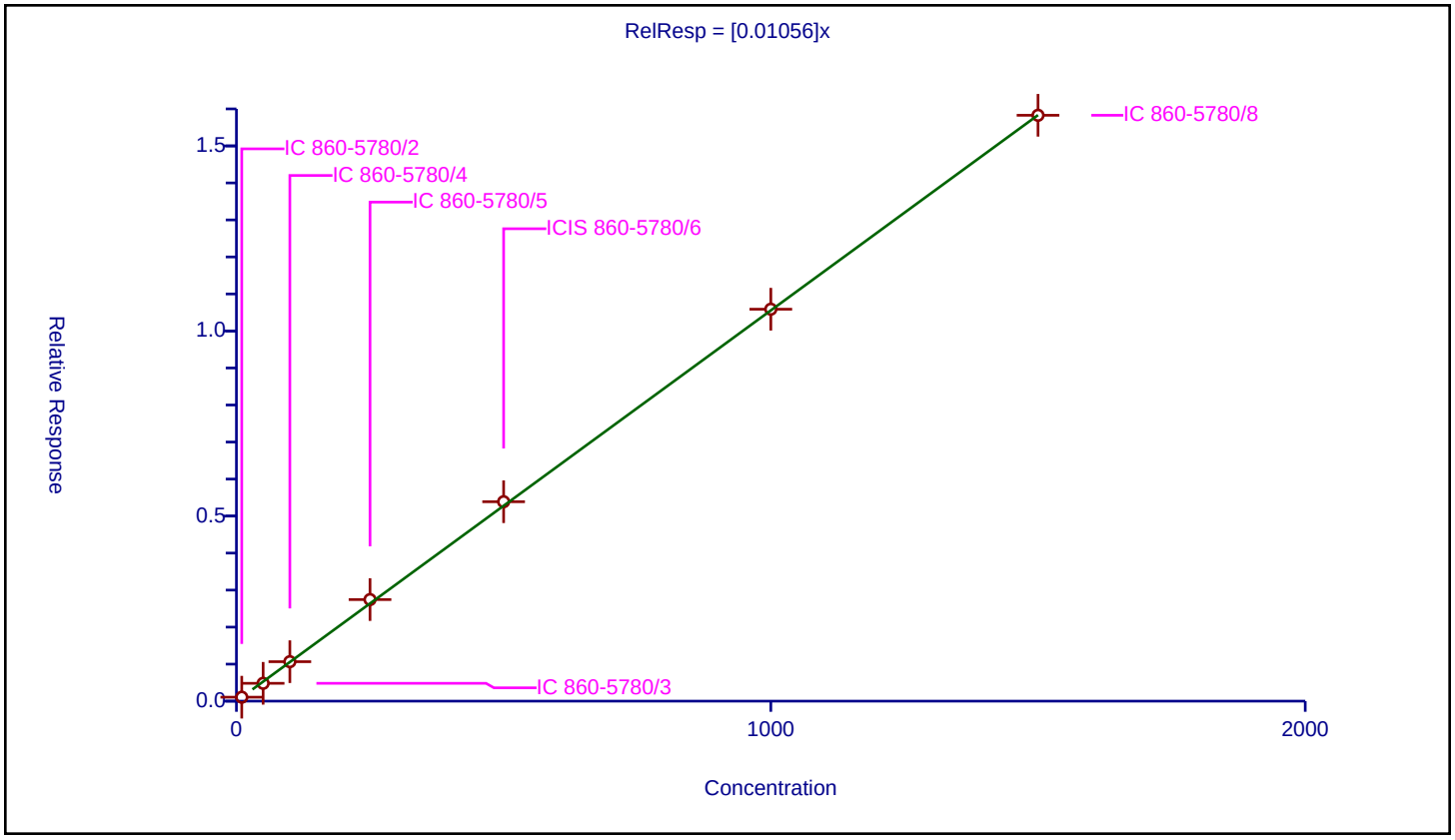
Curve Coefficients

Intercept:	0
Slope:	0.01056

Error Coefficients

Standard Error:	105000
Relative Standard Error:	4.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	10.0	0.106967	50.0	682451.0	0.010697	Y
2	IC 860-5780/3	50.0	0.481925	50.0	683717.0	0.009638	Y
3	IC 860-5780/4	100.0	1.066209	50.0	676040.0	0.010662	Y
4	IC 860-5780/5	250.0	2.744134	50.0	667278.0	0.010977	Y
5	ICIS 860-5780/6	500.0	5.387553	50.0	664671.0	0.010775	Y
6	IC 860-5780/7	1000.0	10.588649	50.0	654635.0	0.010589	Y
7	IC 860-5780/8	1500.0	15.827116	50.0	629186.0	0.010551	Y



Calibration / 1,2-Dichloroethane-d4 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

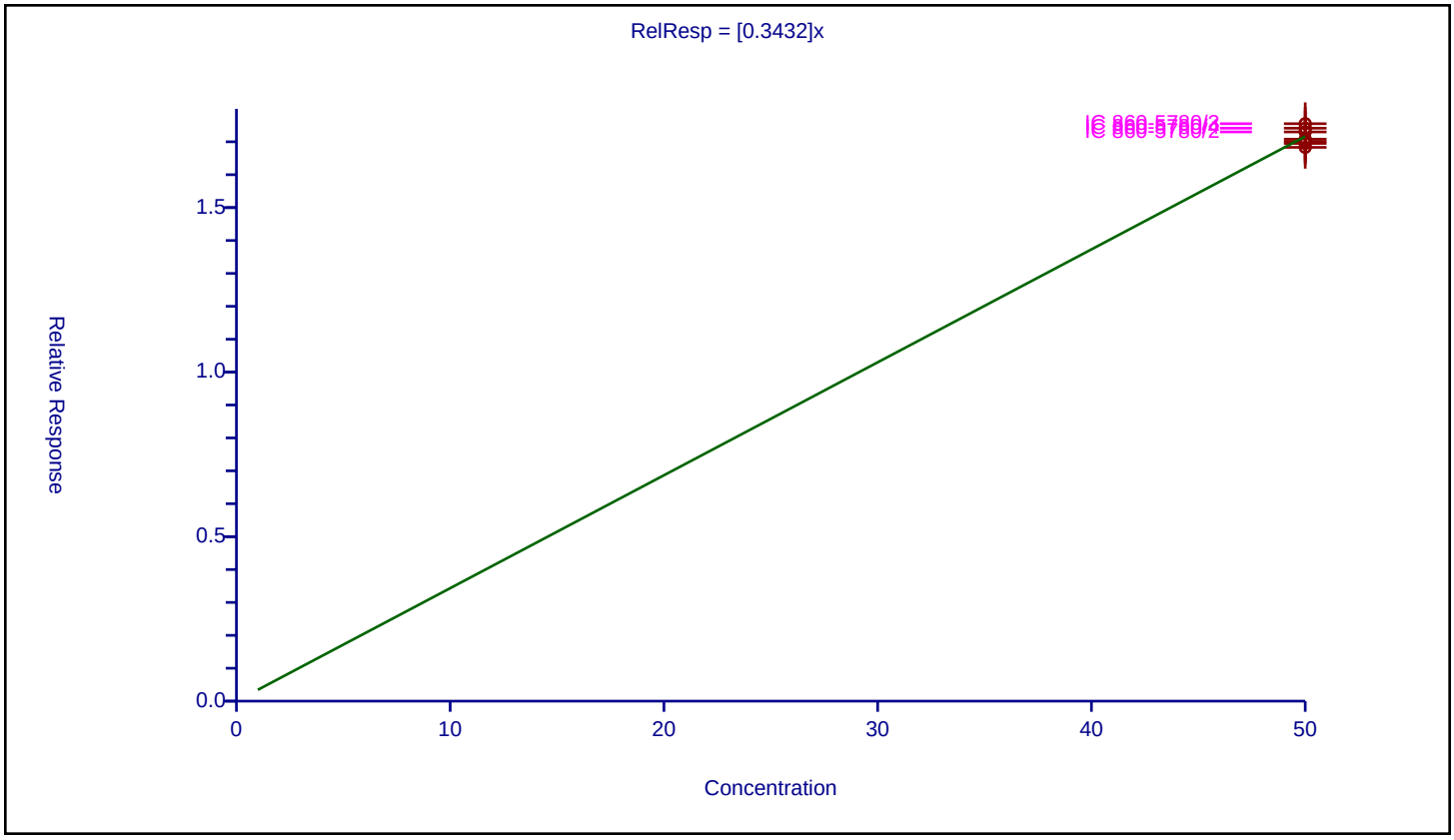
Curve Coefficients

Intercept:	0
Slope:	0.3432

Error Coefficients

Standard Error:	247000
Relative Standard Error:	1.5
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	50.0	17.29963	50.0	682451.0	0.345993	Y
2	IC 860-5780/3	50.0	17.550317	50.0	683717.0	0.351006	Y
3	IC 860-5780/4	50.0	17.414206	50.0	676040.0	0.348284	Y
4	IC 860-5780/5	50.0	17.080212	50.0	667278.0	0.341604	Y
5	ICIS 860-5780/6	50.0	17.011424	50.0	664671.0	0.340228	Y
6	IC 860-5780/7	50.0	16.830982	50.0	654635.0	0.33662	Y
7	IC 860-5780/8	50.0	16.950393	50.0	629186.0	0.339008	Y



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

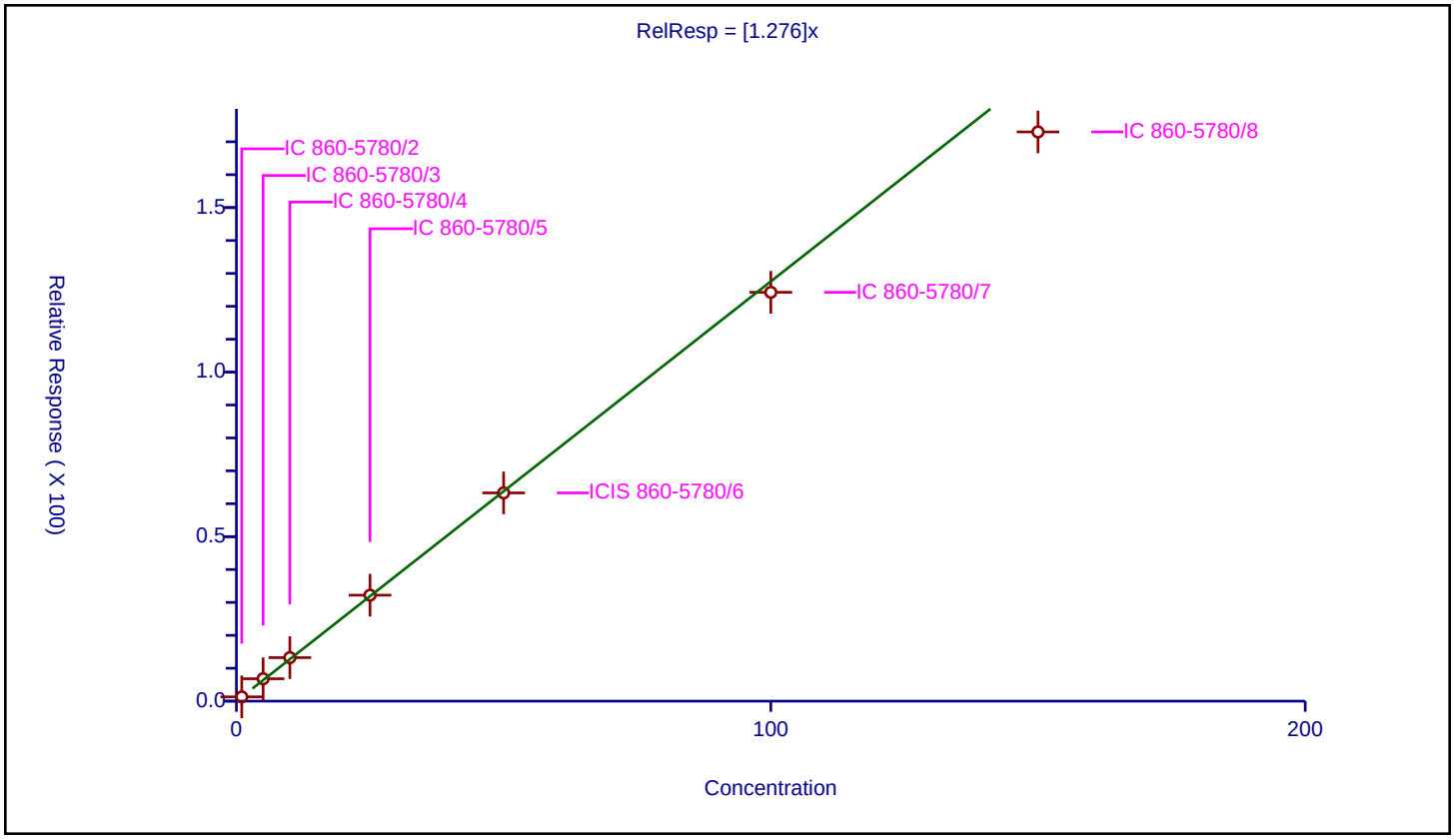
Curve Coefficients

Intercept:	0
Slope:	1.276

Error Coefficients

Standard Error:	1180000
Relative Standard Error:	5.2
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	1.29643	50.0	682451.0	1.29643	Y
2	IC 860-5780/3	5.0	6.806471	50.0	683717.0	1.361294	Y
3	IC 860-5780/4	10.0	13.21904	50.0	676040.0	1.321904	Y
4	IC 860-5780/5	25.0	32.207266	50.0	667278.0	1.288291	Y
5	ICIS 860-5780/6	50.0	63.287476	50.0	664671.0	1.26575	Y
6	IC 860-5780/7	100.0	124.256341	50.0	654635.0	1.242563	Y
7	IC 860-5780/8	150.0	173.001863	50.0	629186.0	1.153346	Y



Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

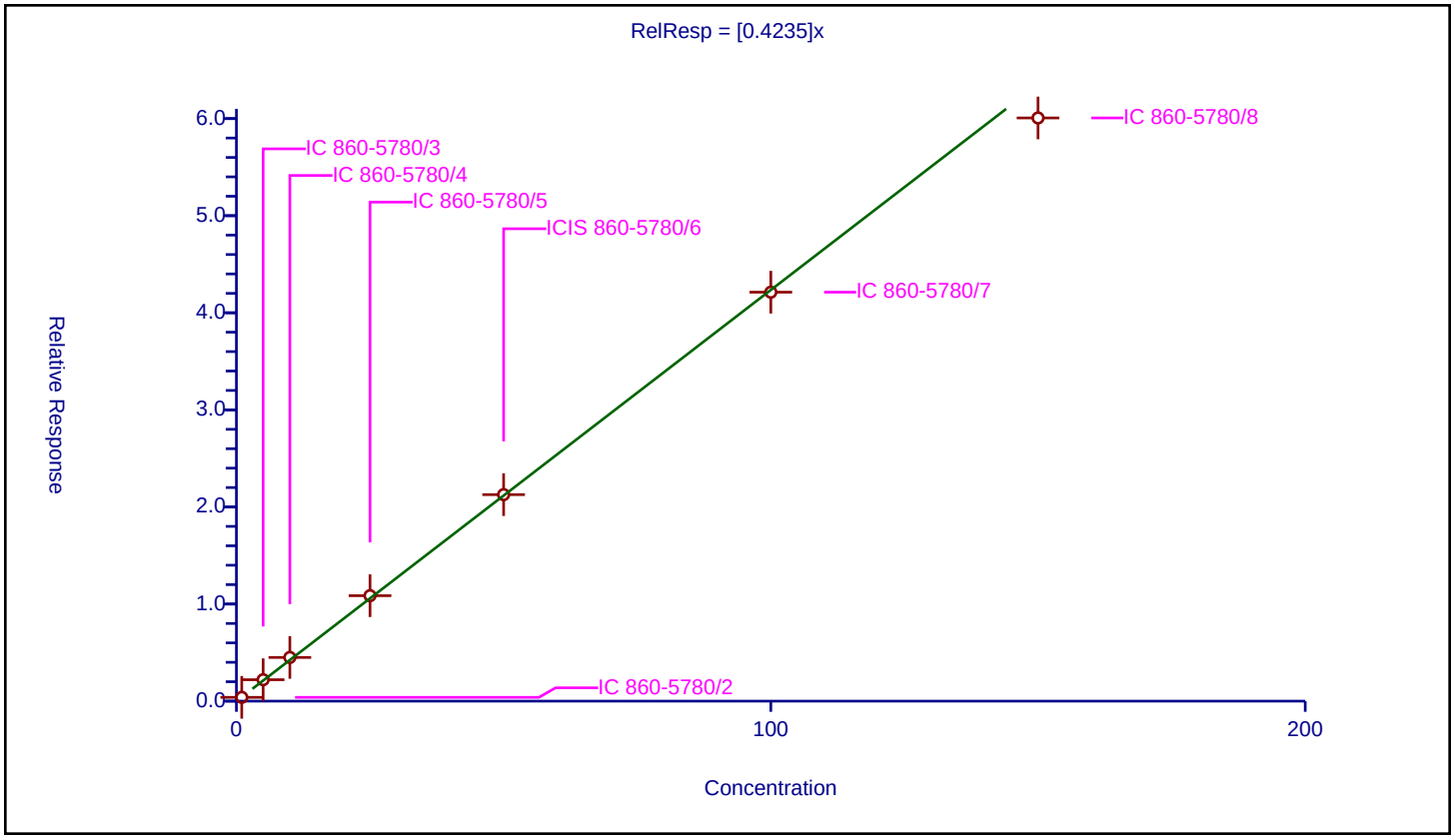
Curve Coefficients

Intercept:	0
Slope:	0.4235

Error Coefficients

Standard Error:	404000
Relative Standard Error:	5.0
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	0.391457	50.0	682451.0	0.391457	Y
2	IC 860-5780/3	5.0	2.206103	50.0	683717.0	0.441221	Y
3	IC 860-5780/4	10.0	4.500547	50.0	676040.0	0.450055	Y
4	IC 860-5780/5	25.0	10.862189	50.0	667278.0	0.434488	Y
5	ICIS 860-5780/6	50.0	21.270373	50.0	664671.0	0.425407	Y
6	IC 860-5780/7	100.0	42.120265	50.0	654635.0	0.421203	Y
7	IC 860-5780/8	150.0	60.067691	50.0	629186.0	0.400451	Y



Calibration / Isooctane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

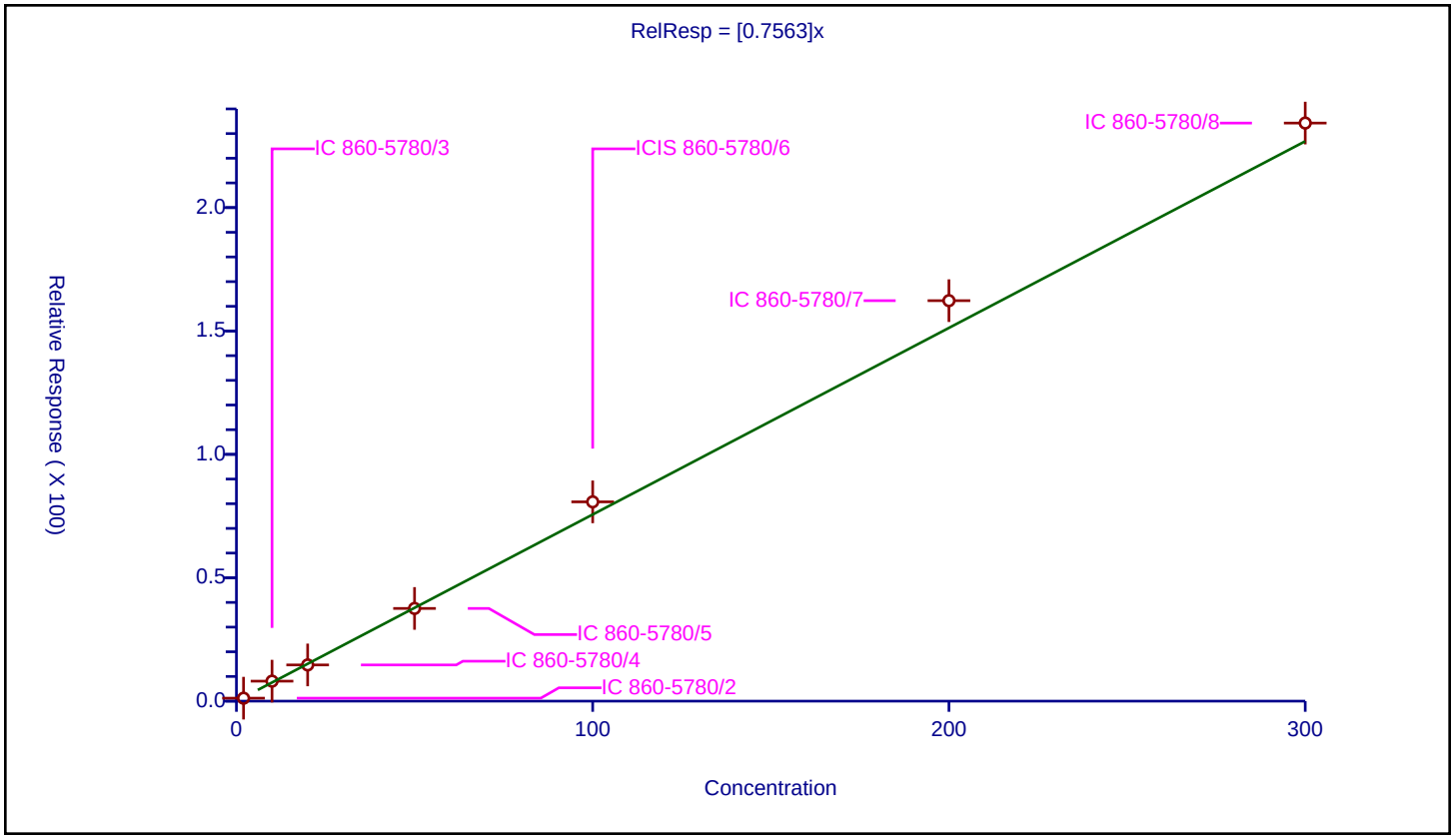
Curve Coefficients

Intercept:	0
Slope:	0.7563

Error Coefficients

Standard Error:	1560000
Relative Standard Error:	10.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	2.0	1.197961	50.0	682451.0	0.598981	Y
2	IC 860-5780/3	10.0	8.101086	50.0	683717.0	0.810109	Y
3	IC 860-5780/4	20.0	14.669472	50.0	676040.0	0.733474	Y
4	IC 860-5780/5	50.0	37.564478	50.0	667278.0	0.75129	Y
5	ICIS 860-5780/6	100.0	80.763716	50.0	664671.0	0.807637	Y
6	IC 860-5780/7	200.0	162.28593	50.0	654635.0	0.81143	Y
7	IC 860-5780/8	300.0	234.262523	50.0	629186.0	0.780875	Y



Calibration / Tert-amyl methyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

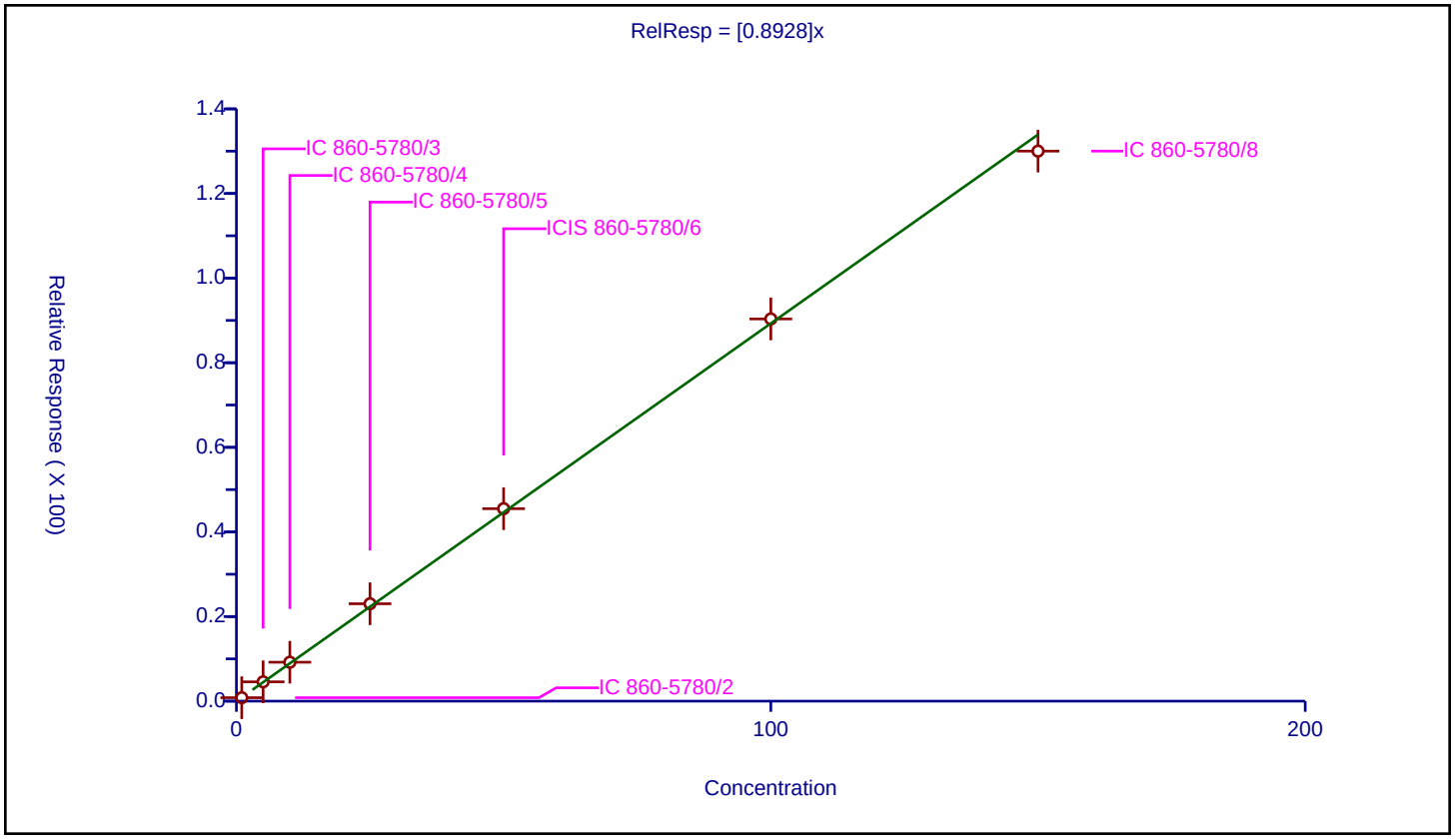
Curve Coefficients

Intercept:	0
Slope:	0.8928

Error Coefficients

Standard Error:	871000
Relative Standard Error:	4.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	0.81537	50.0	682451.0	0.81537	Y
2	IC 860-5780/3	5.0	4.567021	50.0	683717.0	0.913404	Y
3	IC 860-5780/4	10.0	9.199678	50.0	676040.0	0.919968	Y
4	IC 860-5780/5	25.0	23.018067	50.0	667278.0	0.920723	Y
5	ICIS 860-5780/6	50.0	45.498751	50.0	664671.0	0.909975	Y
6	IC 860-5780/7	100.0	90.352639	50.0	654635.0	0.903526	Y
7	IC 860-5780/8	150.0	130.018707	50.0	629186.0	0.866791	Y



Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

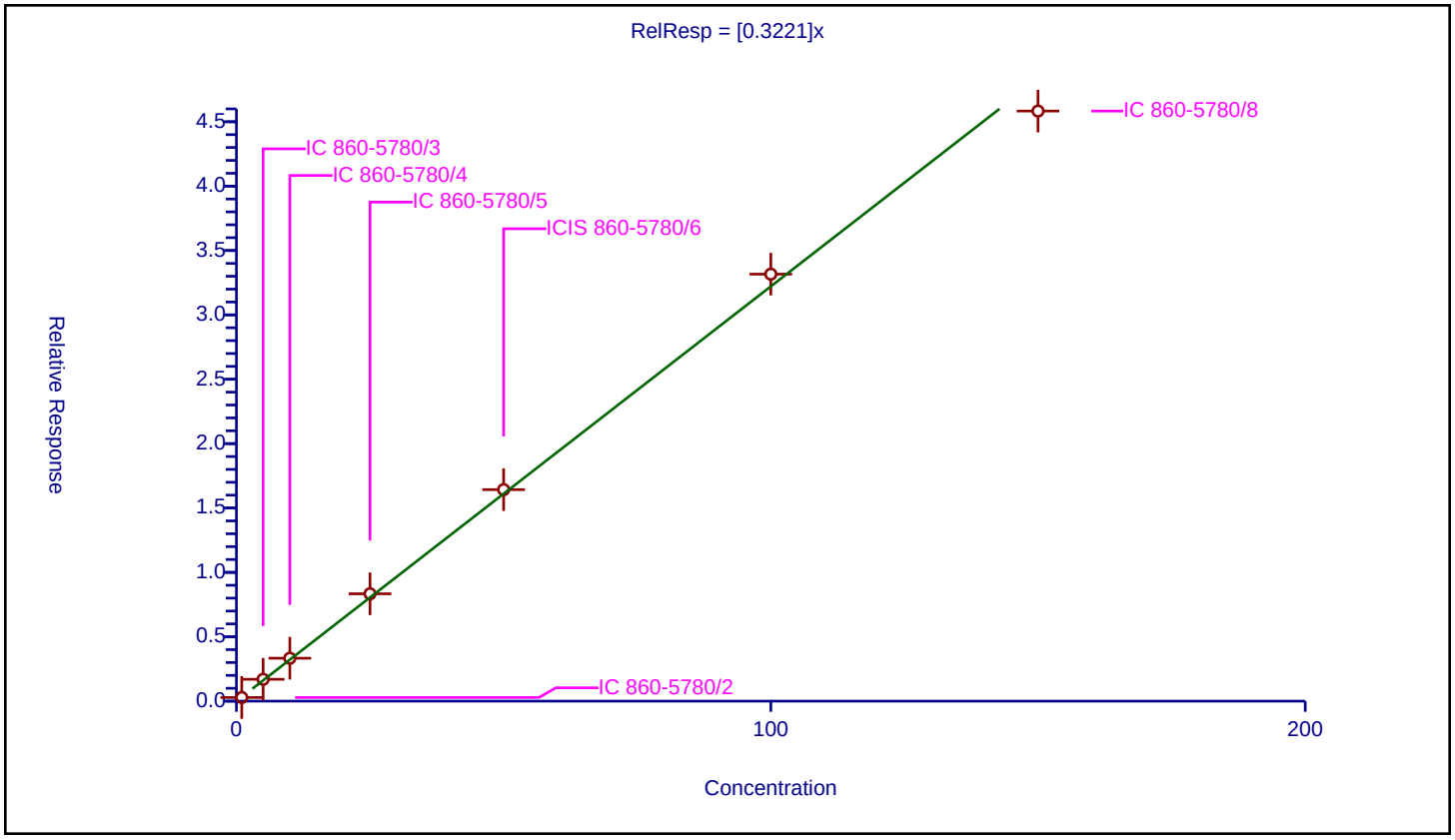
Curve Coefficients

Intercept:	0
Slope:	0.3221

Error Coefficients

Standard Error:	312000
Relative Standard Error:	6.3
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	0.282877	50.0	682451.0	0.282877	Y
2	IC 860-5780/3	5.0	1.696974	50.0	683717.0	0.339395	Y
3	IC 860-5780/4	10.0	3.334566	50.0	676040.0	0.333457	Y
4	IC 860-5780/5	25.0	8.337005	50.0	667278.0	0.33348	Y
5	ICIS 860-5780/6	50.0	16.429106	50.0	664671.0	0.328582	Y
6	IC 860-5780/7	100.0	33.164664	50.0	654635.0	0.331647	Y
7	IC 860-5780/8	150.0	45.832949	50.0	629186.0	0.305553	Y



Calibration / Methylcyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

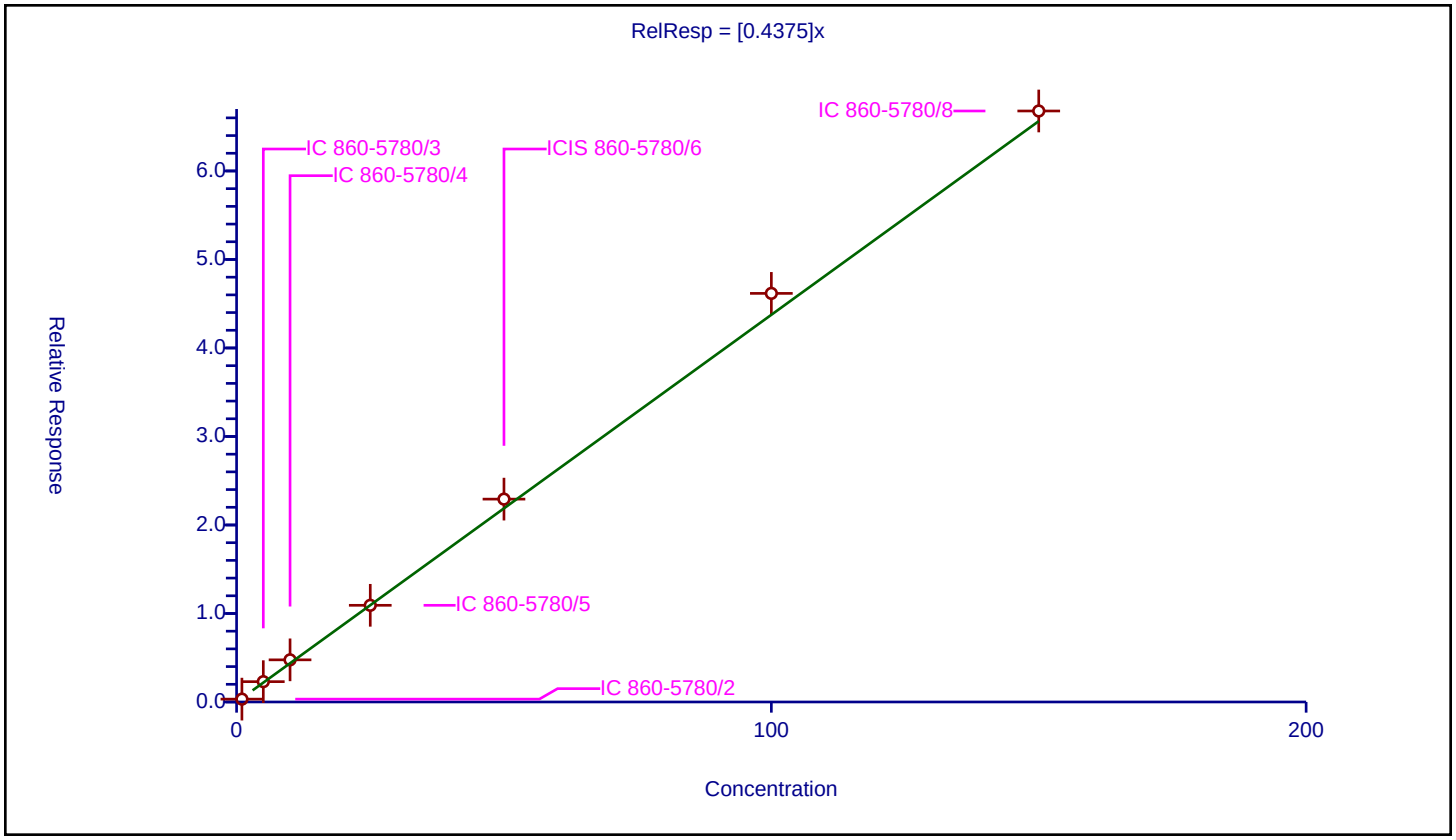
Curve Coefficients

Intercept:	0
Slope:	0.4375

Error Coefficients

Standard Error:	445000
Relative Standard Error:	11.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	0.324639	50.0	682451.0	0.324639	Y
2	IC 860-5780/3	5.0	2.29693	50.0	683717.0	0.459386	Y
3	IC 860-5780/4	10.0	4.762884	50.0	676040.0	0.476288	Y
4	IC 860-5780/5	25.0	10.922884	50.0	667278.0	0.436915	Y
5	ICIS 860-5780/6	50.0	22.921566	50.0	664671.0	0.458431	Y
6	IC 860-5780/7	100.0	46.168094	50.0	654635.0	0.461681	Y
7	IC 860-5780/8	150.0	66.7762	50.0	629186.0	0.445175	Y



Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

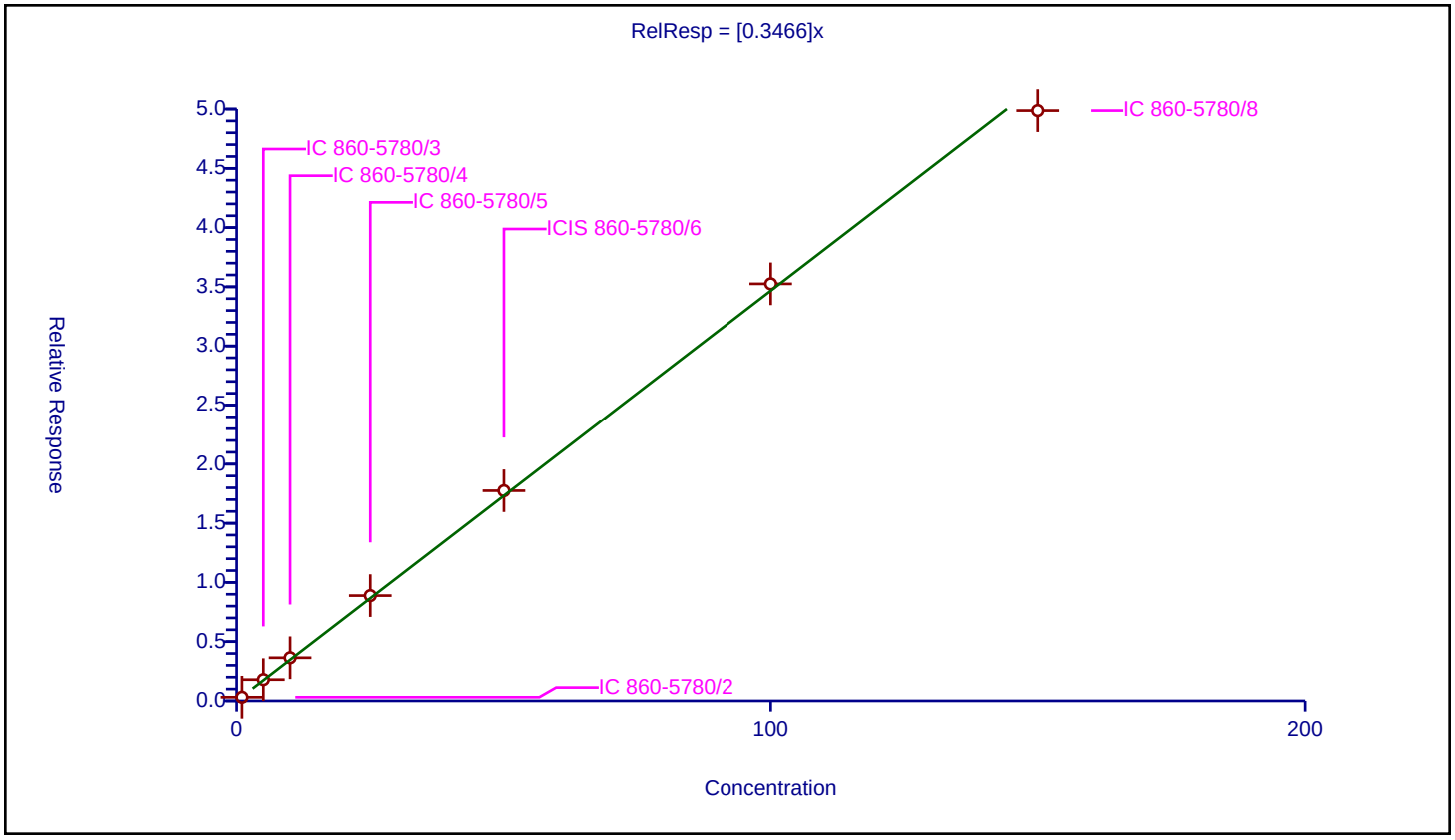
Curve Coefficients

Intercept:	0
Slope:	0.3466

Error Coefficients

Standard Error:	337000
Relative Standard Error:	5.6
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	0.30896	50.0	682451.0	0.30896	Y
2	IC 860-5780/3	5.0	1.790141	50.0	683717.0	0.358028	Y
3	IC 860-5780/4	10.0	3.638542	50.0	676040.0	0.363854	Y
4	IC 860-5780/5	25.0	8.888424	50.0	667278.0	0.355537	Y
5	ICIS 860-5780/6	50.0	17.753069	50.0	664671.0	0.355061	Y
6	IC 860-5780/7	100.0	35.252622	50.0	654635.0	0.352526	Y
7	IC 860-5780/8	150.0	49.867289	50.0	629186.0	0.332449	Y



Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

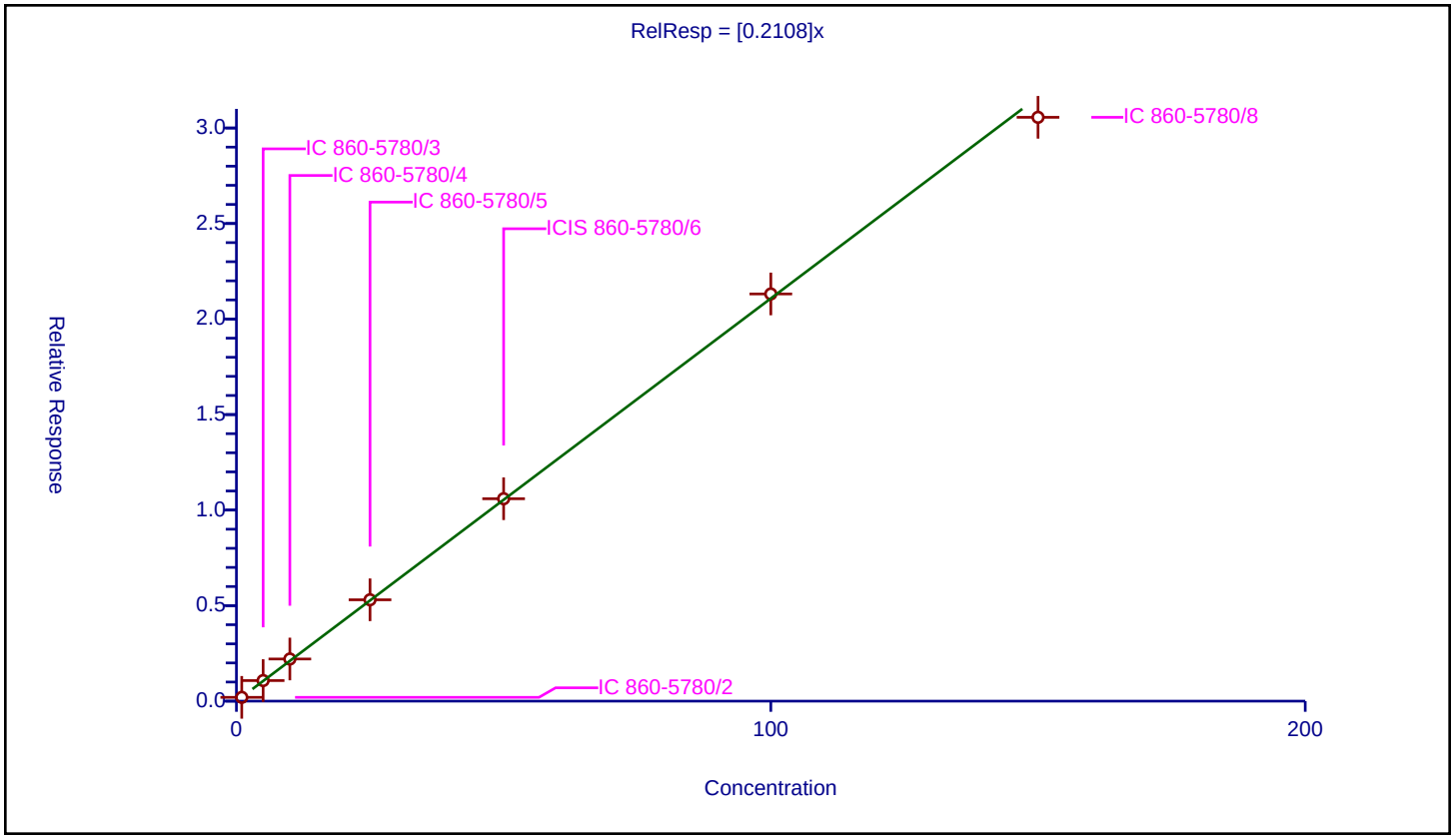
Curve Coefficients

Intercept:	0
Slope:	0.2108

Error Coefficients

Standard Error:	205000
Relative Standard Error:	3.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	0.198622	50.0	682451.0	0.198622	Y
2	IC 860-5780/3	5.0	1.076834	50.0	683717.0	0.215367	Y
3	IC 860-5780/4	10.0	2.205639	50.0	676040.0	0.220564	Y
4	IC 860-5780/5	25.0	5.30551	50.0	667278.0	0.21222	Y
5	ICIS 860-5780/6	50.0	10.594414	50.0	664671.0	0.211888	Y
6	IC 860-5780/7	100.0	21.314167	50.0	654635.0	0.213142	Y
7	IC 860-5780/8	150.0	30.558849	50.0	629186.0	0.203726	Y



Calibration / Methyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

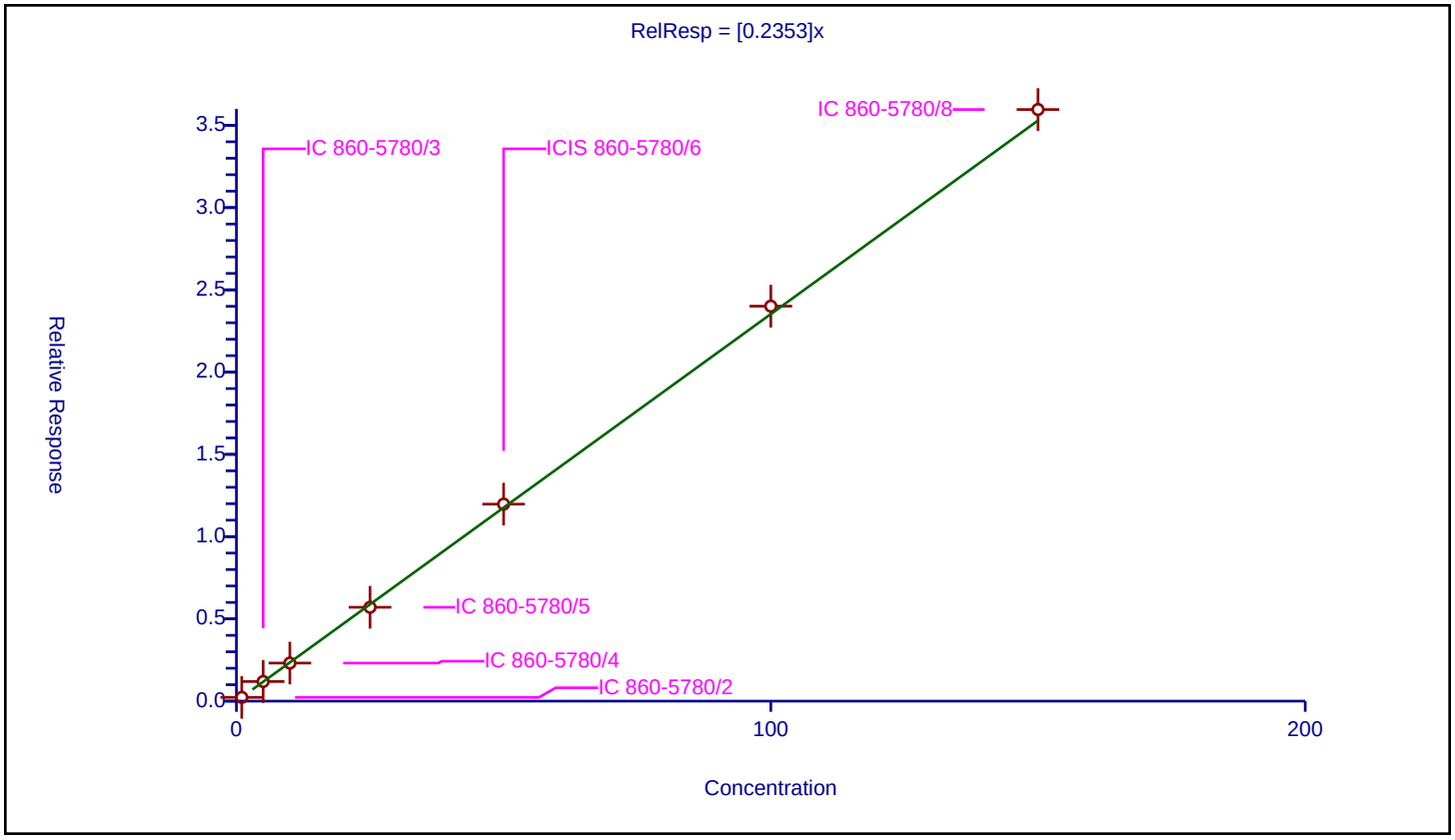
Curve Coefficients

Intercept:	0
Slope:	0.2353

Error Coefficients

Standard Error:	237000
Relative Standard Error:	2.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	0.229467	50.0	682451.0	0.229467	Y
2	IC 860-5780/3	5.0	1.19216	50.0	683717.0	0.238432	Y
3	IC 860-5780/4	10.0	2.314286	50.0	676040.0	0.231429	Y
4	IC 860-5780/5	25.0	5.706467	50.0	667278.0	0.228259	Y
5	ICIS 860-5780/6	50.0	11.975398	50.0	664671.0	0.239508	Y
6	IC 860-5780/7	100.0	24.009028	50.0	654635.0	0.24009	Y
7	IC 860-5780/8	150.0	35.961544	50.0	629186.0	0.239744	Y



Calibration / 1,4-Dioxane

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

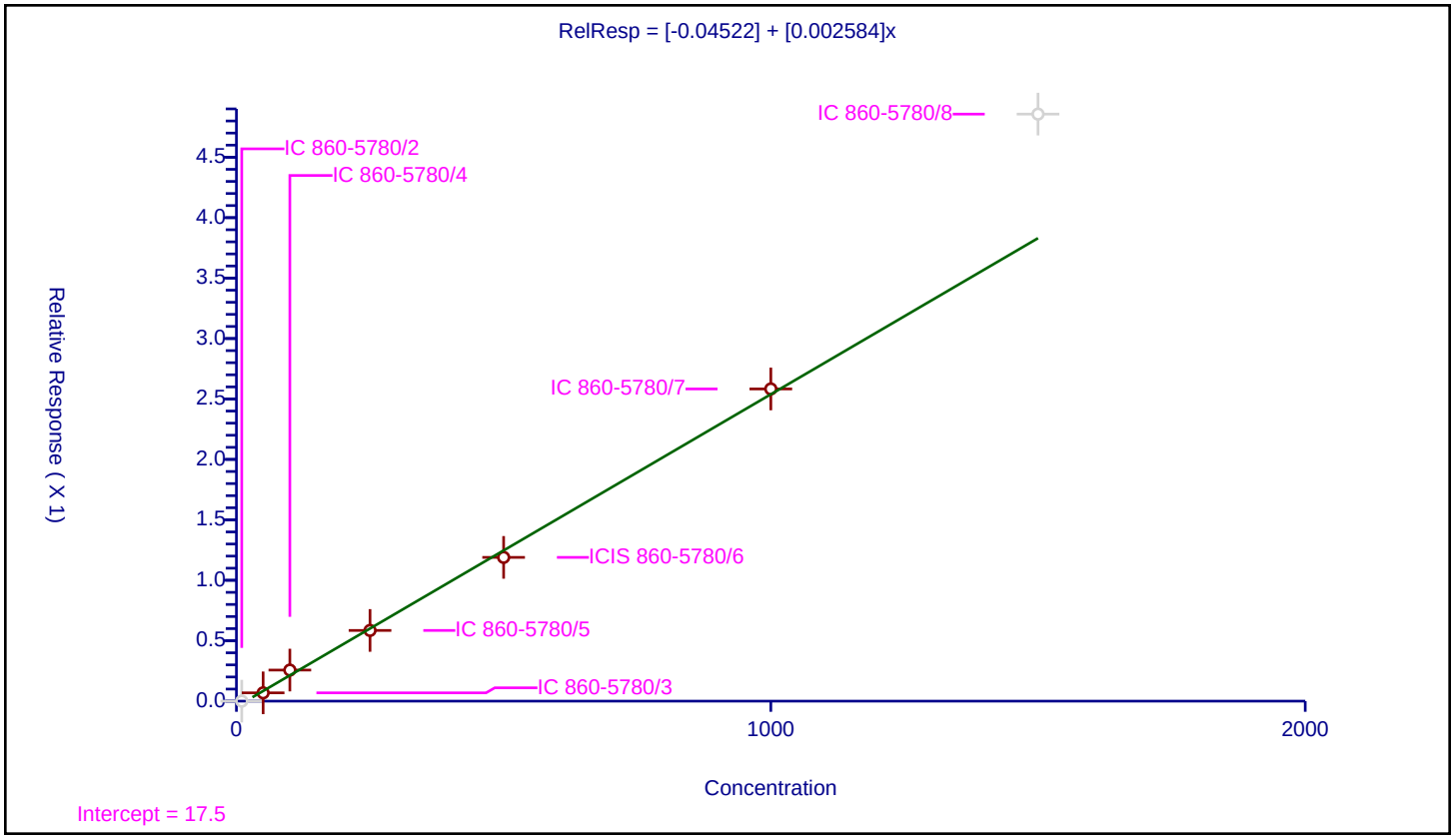
Curve Coefficients

Intercept:	-0.04522
Slope:	0.002584

Error Coefficients

Standard Error:	22100
Relative Standard Error:	12.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	10.0	0.0	50.0	682451.0	0.0	N
2	IC 860-5780/3	50.0	0.068742	50.0	683717.0	0.001375	Y
3	IC 860-5780/4	100.0	0.256937	50.0	676040.0	0.002569	Y
4	IC 860-5780/5	250.0	0.584839	50.0	667278.0	0.002339	Y
5	ICIS 860-5780/6	500.0	1.189461	50.0	664671.0	0.002379	Y
6	IC 860-5780/7	1000.0	2.582966	50.0	654635.0	0.002583	Y
7	IC 860-5780/8	1500.0	4.85691	50.0	629186.0	0.003238	N



Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

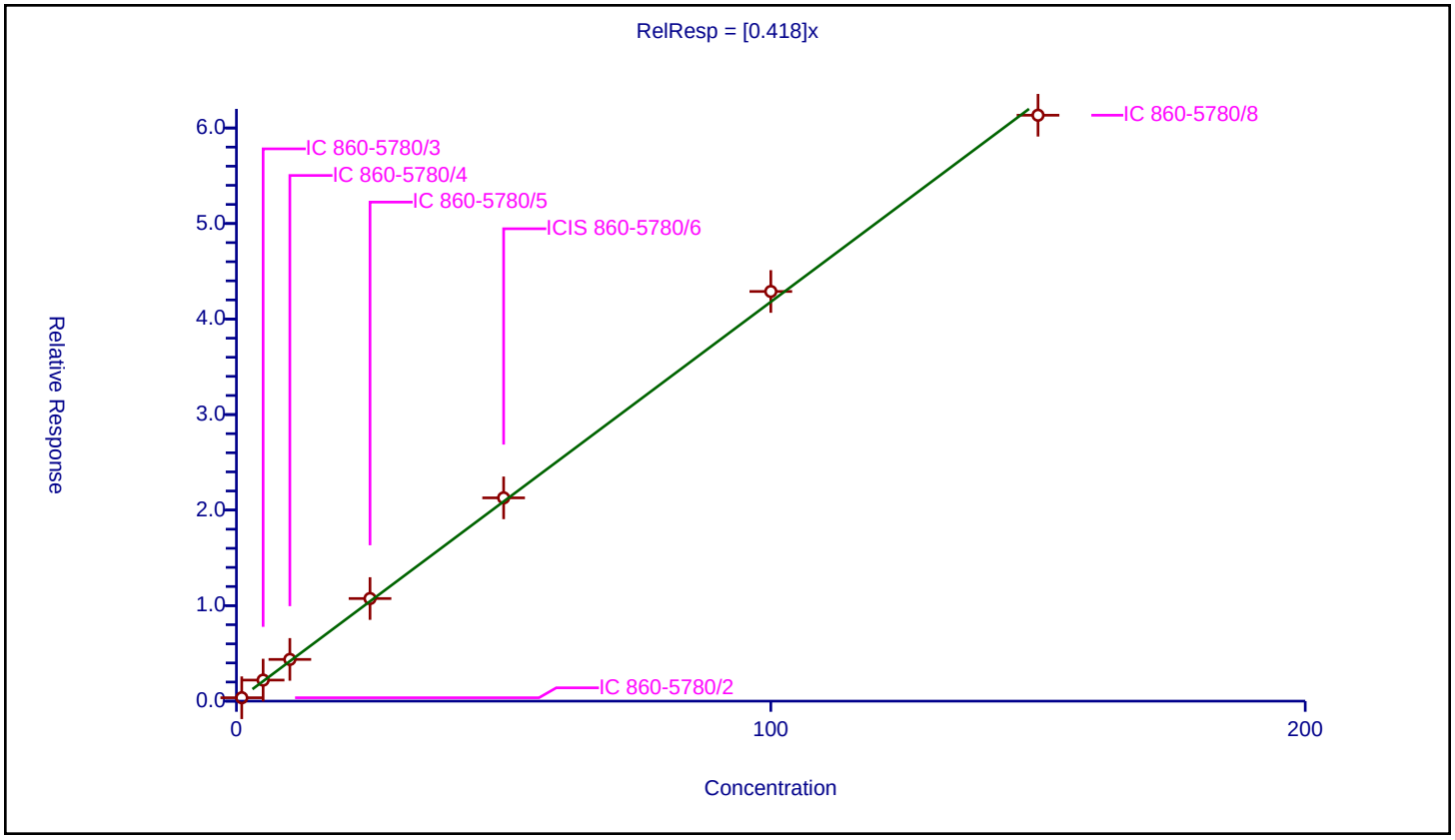
Curve Coefficients

Intercept:	0
Slope:	0.418

Error Coefficients

Standard Error:	411000
Relative Standard Error:	7.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	0.355483	50.0	682451.0	0.355483	Y
2	IC 860-5780/3	5.0	2.202666	50.0	683717.0	0.440533	Y
3	IC 860-5780/4	10.0	4.368898	50.0	676040.0	0.43689	Y
4	IC 860-5780/5	25.0	10.741775	50.0	667278.0	0.429671	Y
5	ICIS 860-5780/6	50.0	21.28113	50.0	664671.0	0.425623	Y
6	IC 860-5780/7	100.0	42.887029	50.0	654635.0	0.42887	Y
7	IC 860-5780/8	150.0	61.337347	50.0	629186.0	0.408916	Y



Calibration / 2-Chloroethyl vinyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

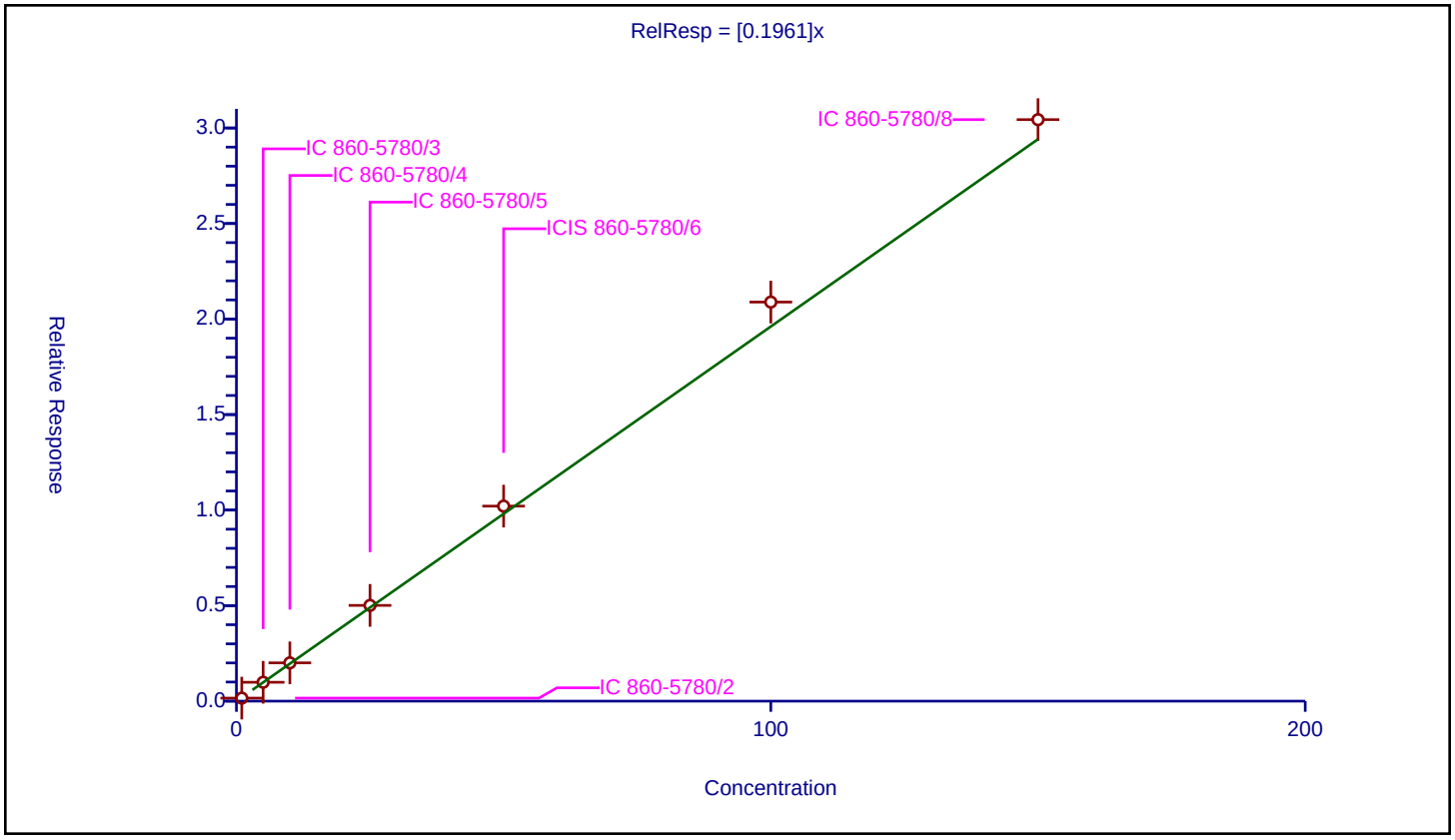
Curve Coefficients

Intercept:	0
Slope:	0.1961

Error Coefficients

Standard Error:	202000
Relative Standard Error:	8.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	0.158253	50.0	682451.0	0.158253	Y
2	IC 860-5780/3	5.0	0.987397	50.0	683717.0	0.197479	Y
3	IC 860-5780/4	10.0	2.004245	50.0	676040.0	0.200425	Y
4	IC 860-5780/5	25.0	5.011779	50.0	667278.0	0.200471	Y
5	ICIS 860-5780/6	50.0	10.208359	50.0	664671.0	0.204167	Y
6	IC 860-5780/7	100.0	20.888969	50.0	654635.0	0.20889	Y
7	IC 860-5780/8	150.0	30.438058	50.0	629186.0	0.20292	Y



Calibration / cis-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

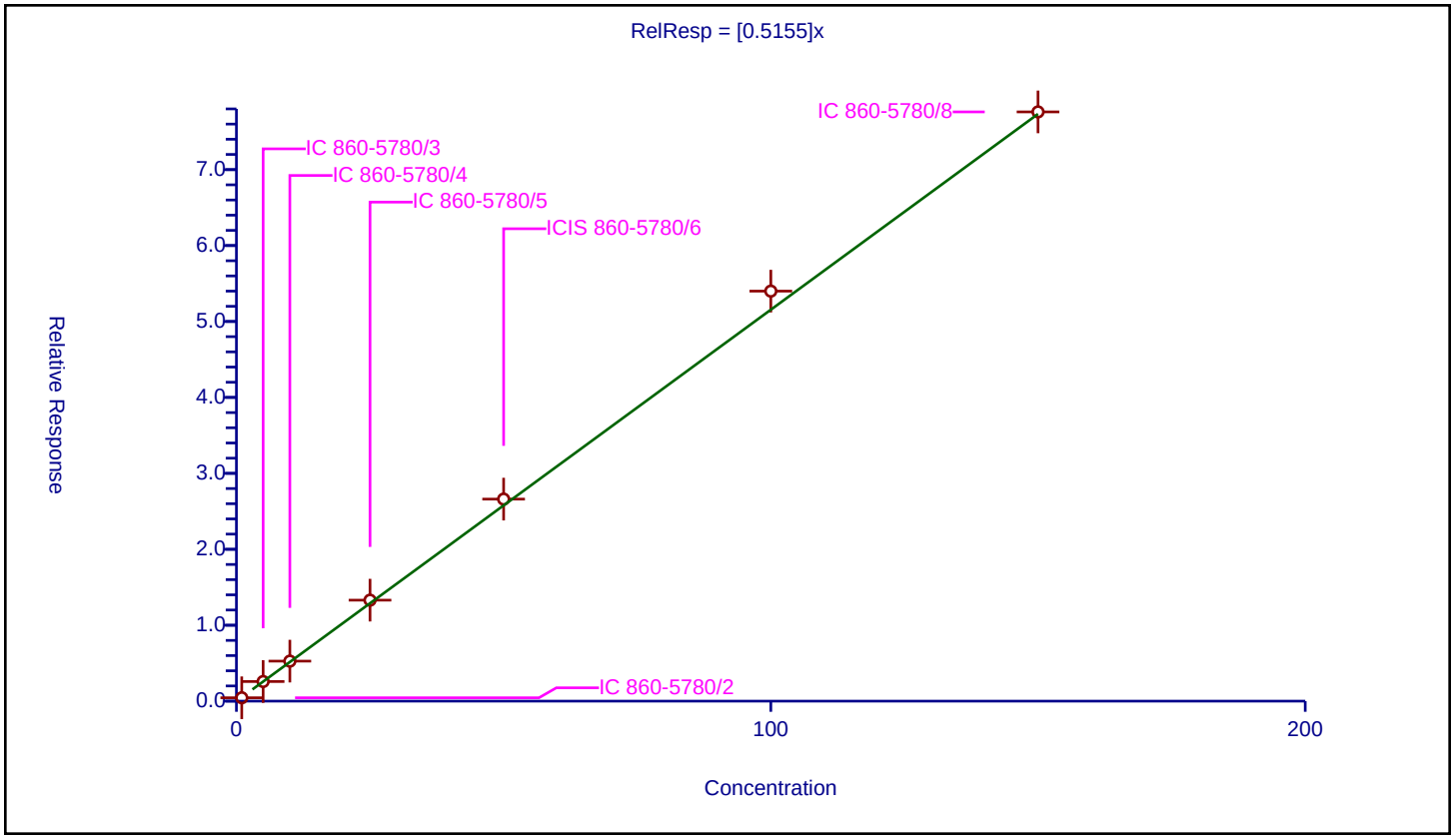
Curve Coefficients

Intercept:	0
Slope:	0.5155

Error Coefficients

Standard Error:	519000
Relative Standard Error:	6.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	0.443329	50.0	682451.0	0.443329	Y
2	IC 860-5780/3	5.0	2.584768	50.0	683717.0	0.516954	Y
3	IC 860-5780/4	10.0	5.269511	50.0	676040.0	0.526951	Y
4	IC 860-5780/5	25.0	13.297981	50.0	667278.0	0.531919	Y
5	ICIS 860-5780/6	50.0	26.608503	50.0	664671.0	0.53217	Y
6	IC 860-5780/7	100.0	53.999099	50.0	654635.0	0.539991	Y
7	IC 860-5780/8	150.0	77.603999	50.0	629186.0	0.51736	Y



Calibration / 4-Methyl-2-pentanone (MIBK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

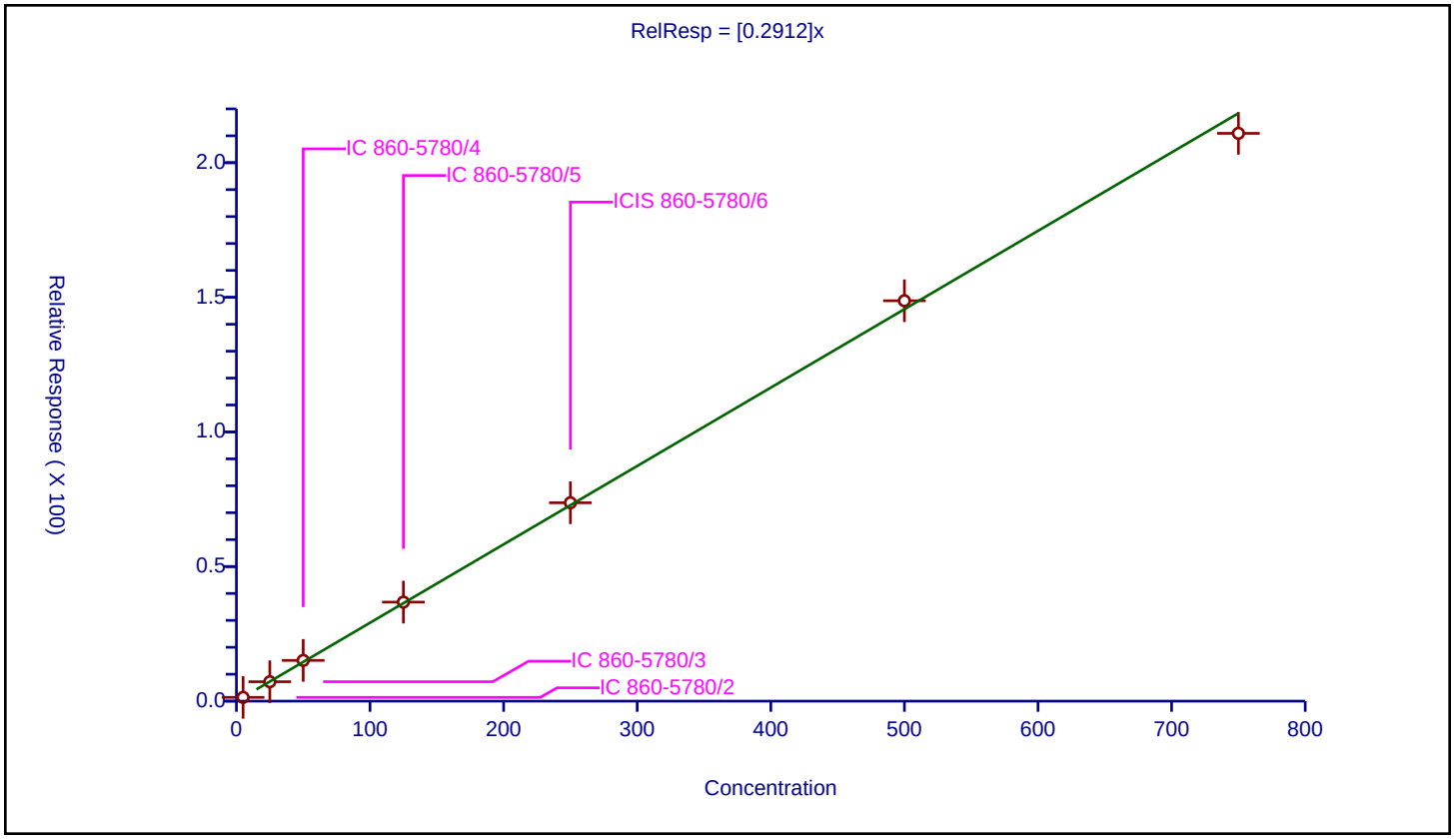
Curve Coefficients

Intercept:	0
Slope:	0.2912

Error Coefficients

Standard Error:	1420000
Relative Standard Error:	2.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	5.0	1.397976	50.0	682451.0	0.279595	Y
2	IC 860-5780/3	25.0	7.207222	50.0	683717.0	0.288289	Y
3	IC 860-5780/4	50.0	15.13054	50.0	676040.0	0.302611	Y
4	IC 860-5780/5	125.0	36.779124	50.0	667278.0	0.294233	Y
5	ICIS 860-5780/6	250.0	73.690969	50.0	664671.0	0.294764	Y
6	IC 860-5780/7	500.0	148.734791	50.0	654635.0	0.29747	Y
7	IC 860-5780/8	750.0	210.913704	50.0	629186.0	0.281218	Y



Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

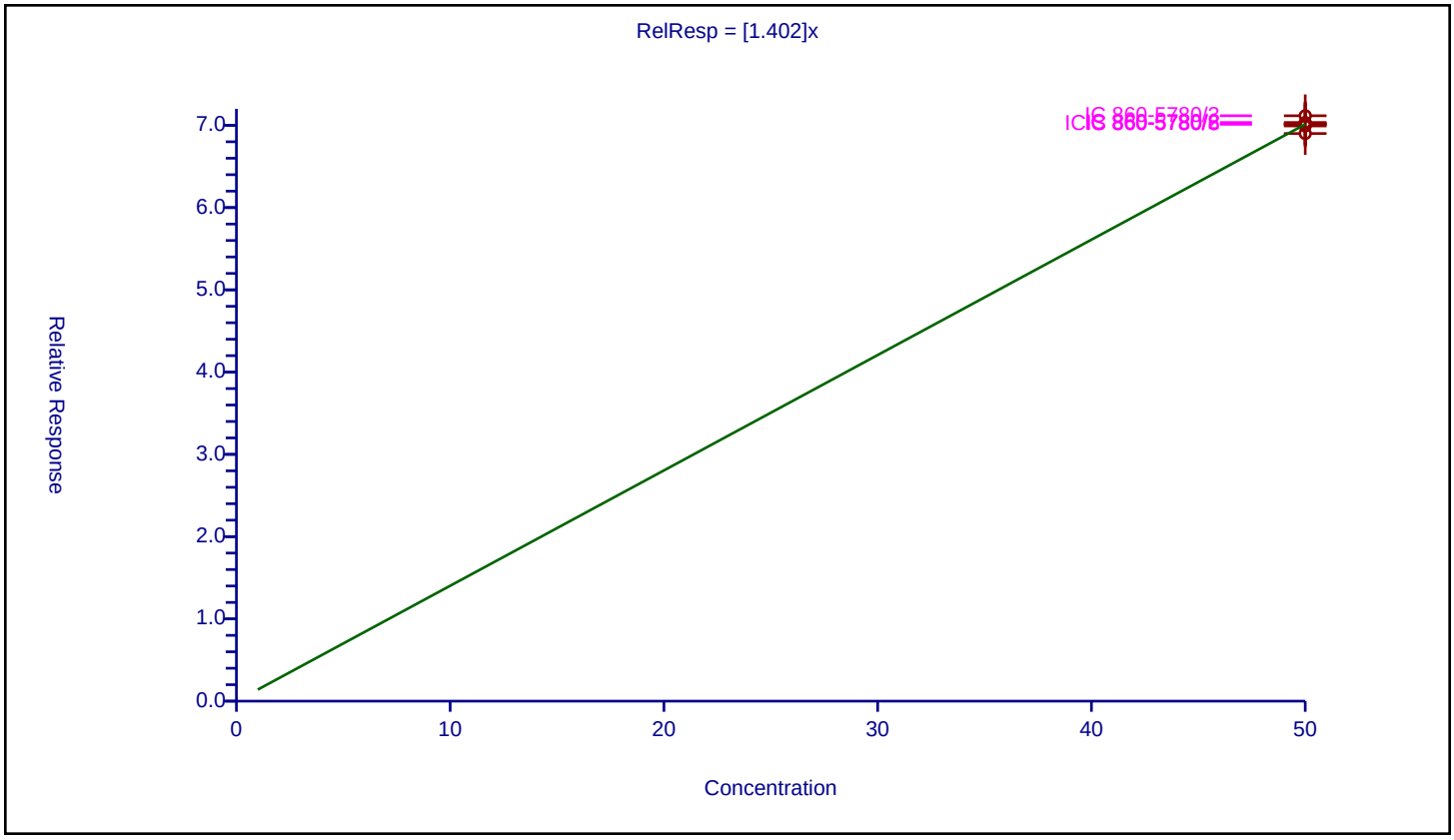
Curve Coefficients

Intercept:	0
Slope:	1.402

Error Coefficients

Standard Error:	858000
Relative Standard Error:	0.9
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	50.0	70.345083	50.0	580730.0	1.406902	Y
2	IC 860-5780/3	50.0	71.165121	50.0	575331.0	1.423302	Y
3	IC 860-5780/4	50.0	69.923986	50.0	572654.0	1.39848	Y
4	IC 860-5780/5	50.0	70.097246	50.0	570822.0	1.401945	Y
5	ICIS 860-5780/6	50.0	70.131409	50.0	562442.0	1.402628	Y
6	IC 860-5780/7	50.0	69.003295	50.0	563226.0	1.380066	Y
7	IC 860-5780/8	50.0	70.198465	50.0	537625.0	1.403969	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

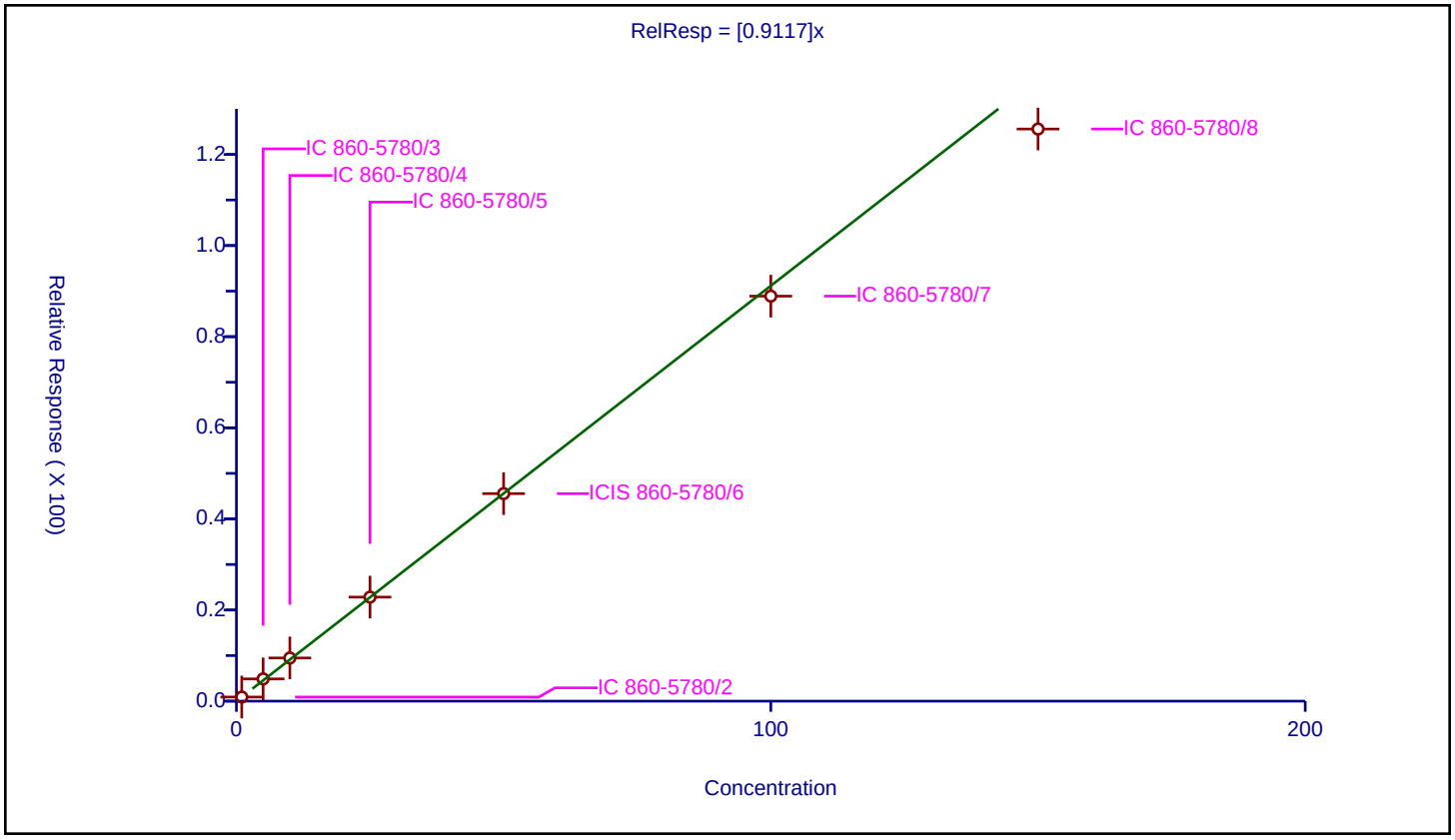
Curve Coefficients

Intercept:	0
Slope:	0.9117

Error Coefficients

Standard Error:	727000
Relative Standard Error:	4.8
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	0.905757	50.0	580730.0	0.905757	Y
2	IC 860-5780/3	5.0	4.887274	50.0	575331.0	0.977455	Y
3	IC 860-5780/4	10.0	9.477538	50.0	572654.0	0.947754	Y
4	IC 860-5780/5	25.0	22.840307	50.0	570822.0	0.913612	Y
5	ICIS 860-5780/6	50.0	45.551452	50.0	562442.0	0.911029	Y
6	IC 860-5780/7	100.0	88.897973	50.0	563226.0	0.88898	Y
7	IC 860-5780/8	150.0	125.579819	50.0	537625.0	0.837199	Y



Calibration / trans-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

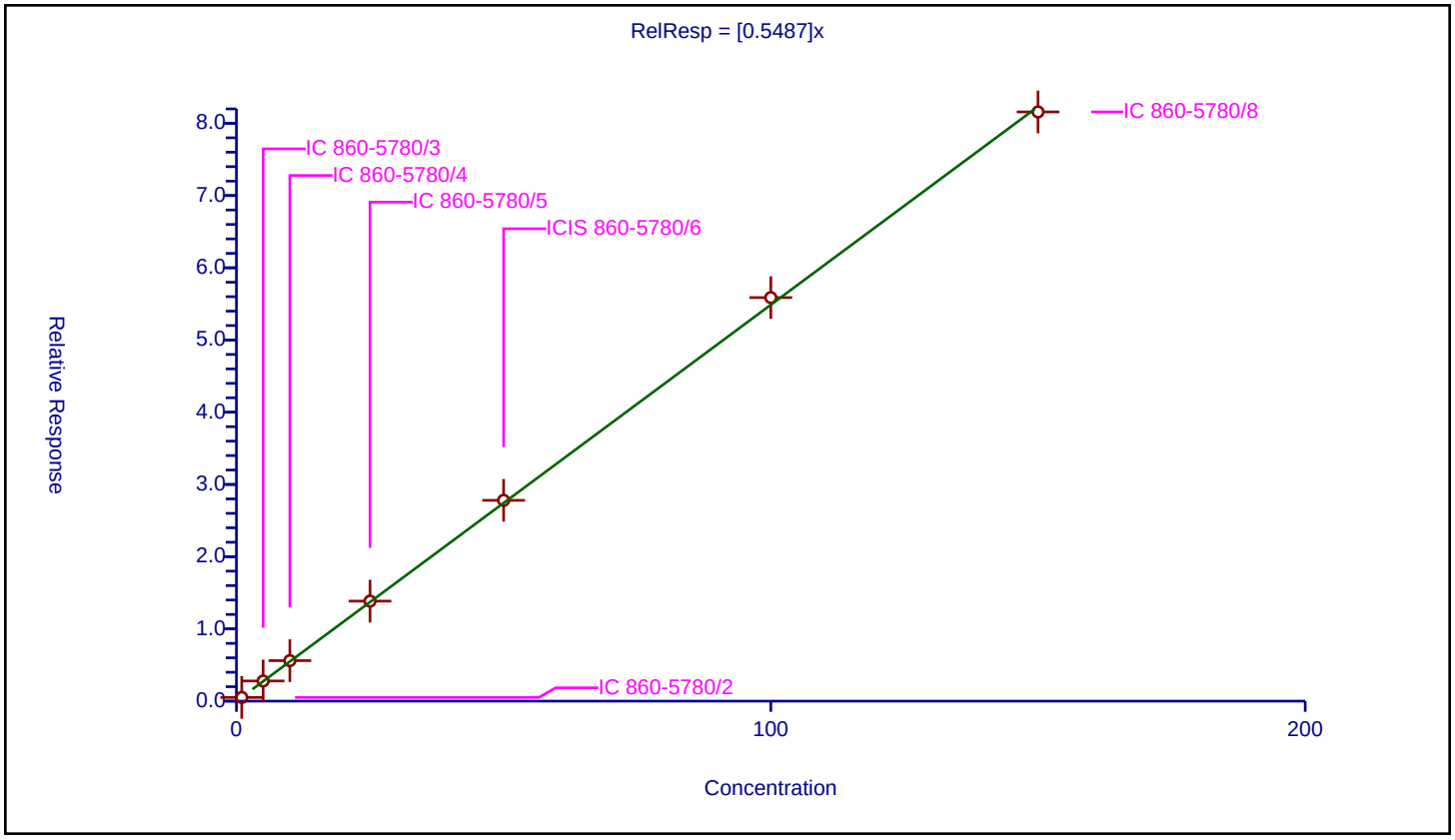
Curve Coefficients

Intercept:	0
Slope:	0.5487

Error Coefficients

Standard Error:	464000
Relative Standard Error:	3.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	0.510134	50.0	580730.0	0.510134	Y
2	IC 860-5780/3	5.0	2.788829	50.0	575331.0	0.557766	Y
3	IC 860-5780/4	10.0	5.605479	50.0	572654.0	0.560548	Y
4	IC 860-5780/5	25.0	13.849852	50.0	570822.0	0.553994	Y
5	ICIS 860-5780/6	50.0	27.803845	50.0	562442.0	0.556077	Y
6	IC 860-5780/7	100.0	55.87322	50.0	563226.0	0.558732	Y
7	IC 860-5780/8	150.0	81.580563	50.0	537625.0	0.54387	Y



Calibration / Ethyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

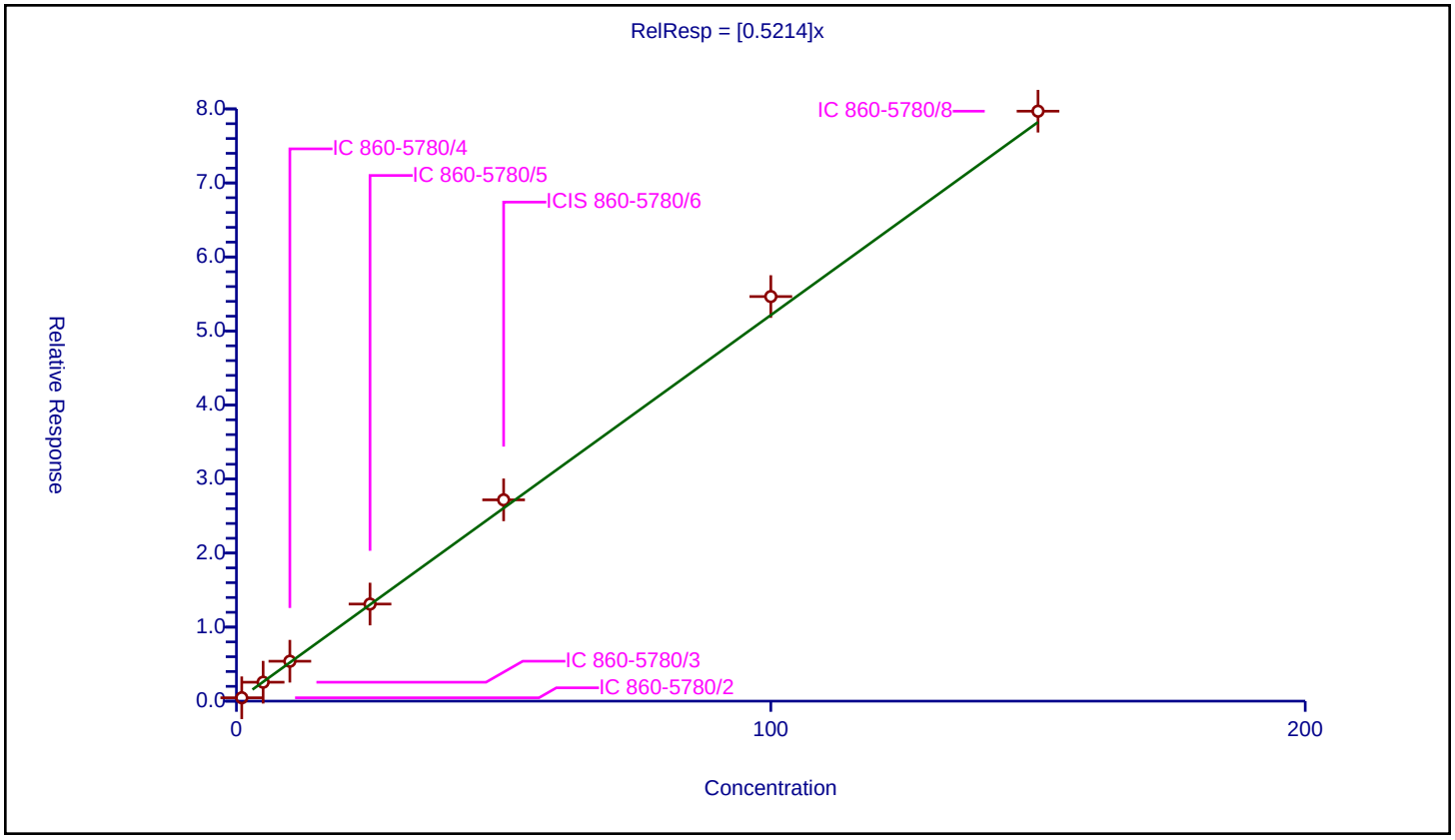
Curve Coefficients

Intercept:	0
Slope:	0.5214

Error Coefficients

Standard Error:	453000
Relative Standard Error:	6.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	0.453825	50.0	580730.0	0.453825	Y
2	IC 860-5780/3	5.0	2.555659	50.0	575331.0	0.511132	Y
3	IC 860-5780/4	10.0	5.38938	50.0	572654.0	0.538938	Y
4	IC 860-5780/5	25.0	13.114421	50.0	570822.0	0.524577	Y
5	ICIS 860-5780/6	50.0	27.190626	50.0	562442.0	0.543813	Y
6	IC 860-5780/7	100.0	54.651508	50.0	563226.0	0.546515	Y
7	IC 860-5780/8	150.0	79.691979	50.0	537625.0	0.53128	Y



Calibration / 1,1,2-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

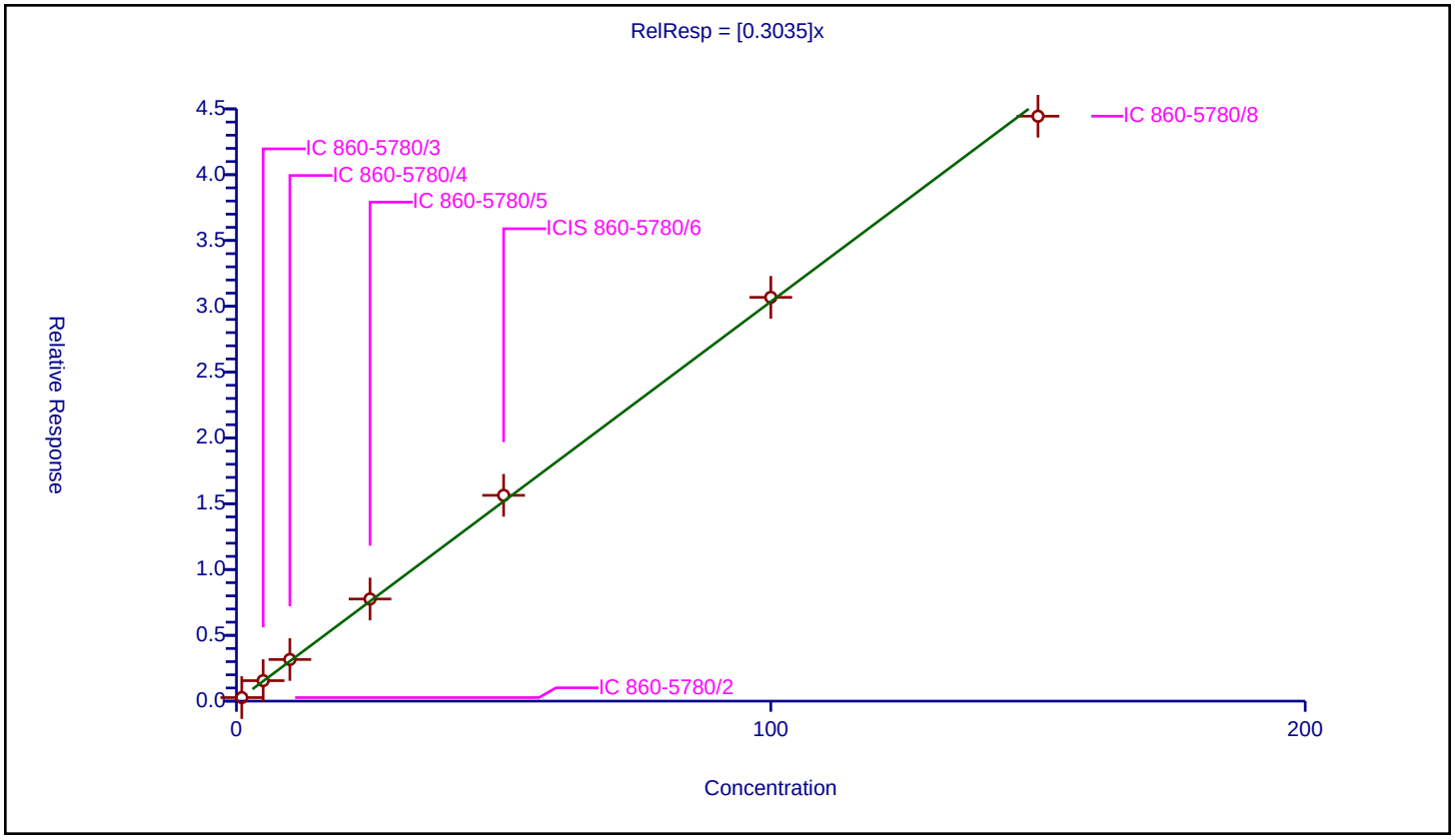
Curve Coefficients

Intercept:	0
Slope:	0.3035

Error Coefficients

Standard Error:	254000
Relative Standard Error:	5.2
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	0.270522	50.0	580730.0	0.270522	Y
2	IC 860-5780/3	5.0	1.557538	50.0	575331.0	0.311508	Y
3	IC 860-5780/4	10.0	3.164214	50.0	572654.0	0.316421	Y
4	IC 860-5780/5	25.0	7.760563	50.0	570822.0	0.310423	Y
5	ICIS 860-5780/6	50.0	15.639124	50.0	562442.0	0.312782	Y
6	IC 860-5780/7	100.0	30.682621	50.0	563226.0	0.306826	Y
7	IC 860-5780/8	150.0	44.445664	50.0	537625.0	0.296304	Y



Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

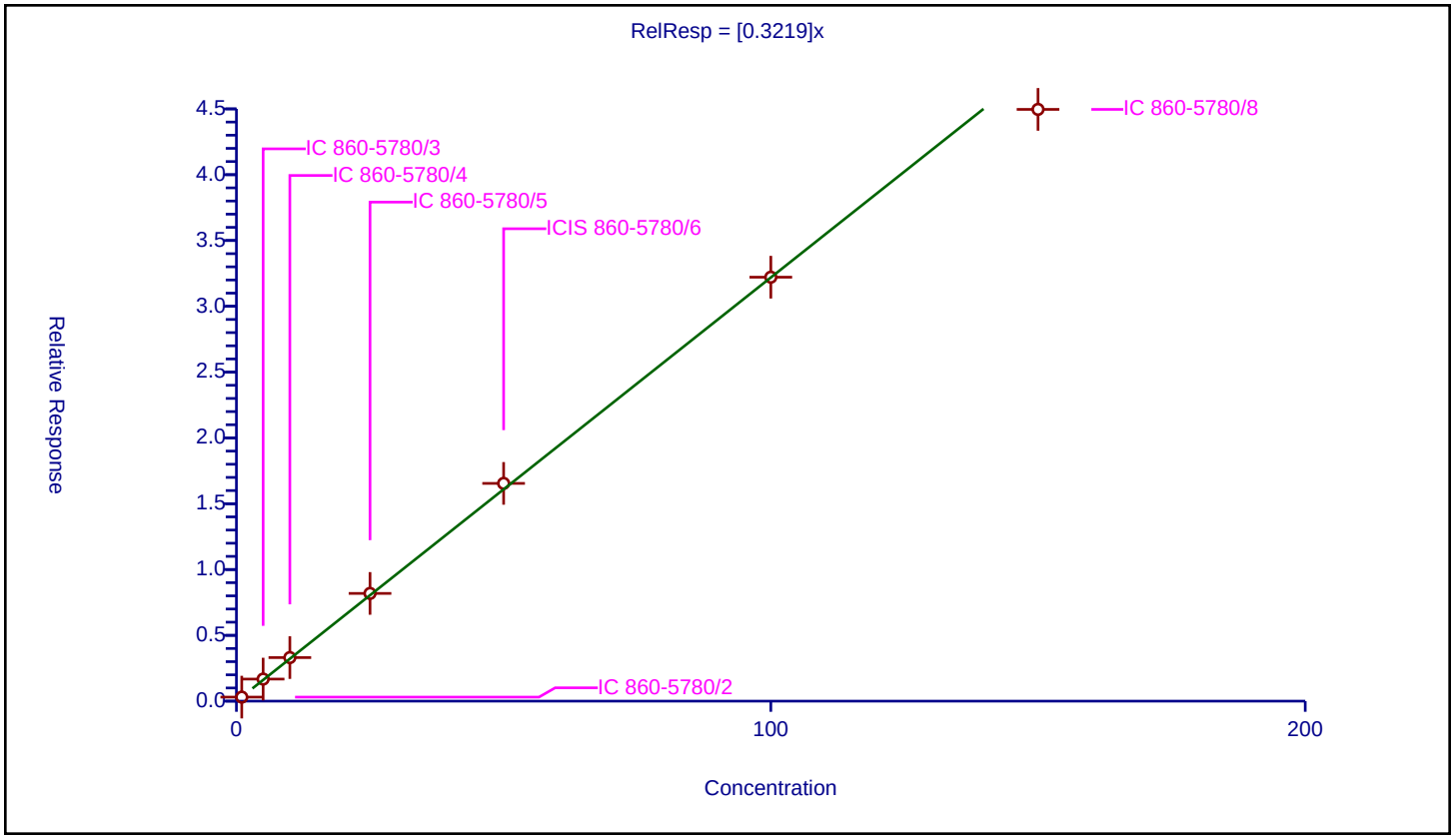
Curve Coefficients

Intercept:	0
Slope:	0.3219

Error Coefficients

Standard Error:	262000
Relative Standard Error:	4.2
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	0.306683	50.0	580730.0	0.306683	Y
2	IC 860-5780/3	5.0	1.676861	50.0	575331.0	0.335372	Y
3	IC 860-5780/4	10.0	3.309328	50.0	572654.0	0.330933	Y
4	IC 860-5780/5	25.0	8.185214	50.0	570822.0	0.327409	Y
5	ICIS 860-5780/6	50.0	16.544284	50.0	562442.0	0.330886	Y
6	IC 860-5780/7	100.0	32.211759	50.0	563226.0	0.322118	Y
7	IC 860-5780/8	150.0	44.962474	50.0	537625.0	0.29975	Y



Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

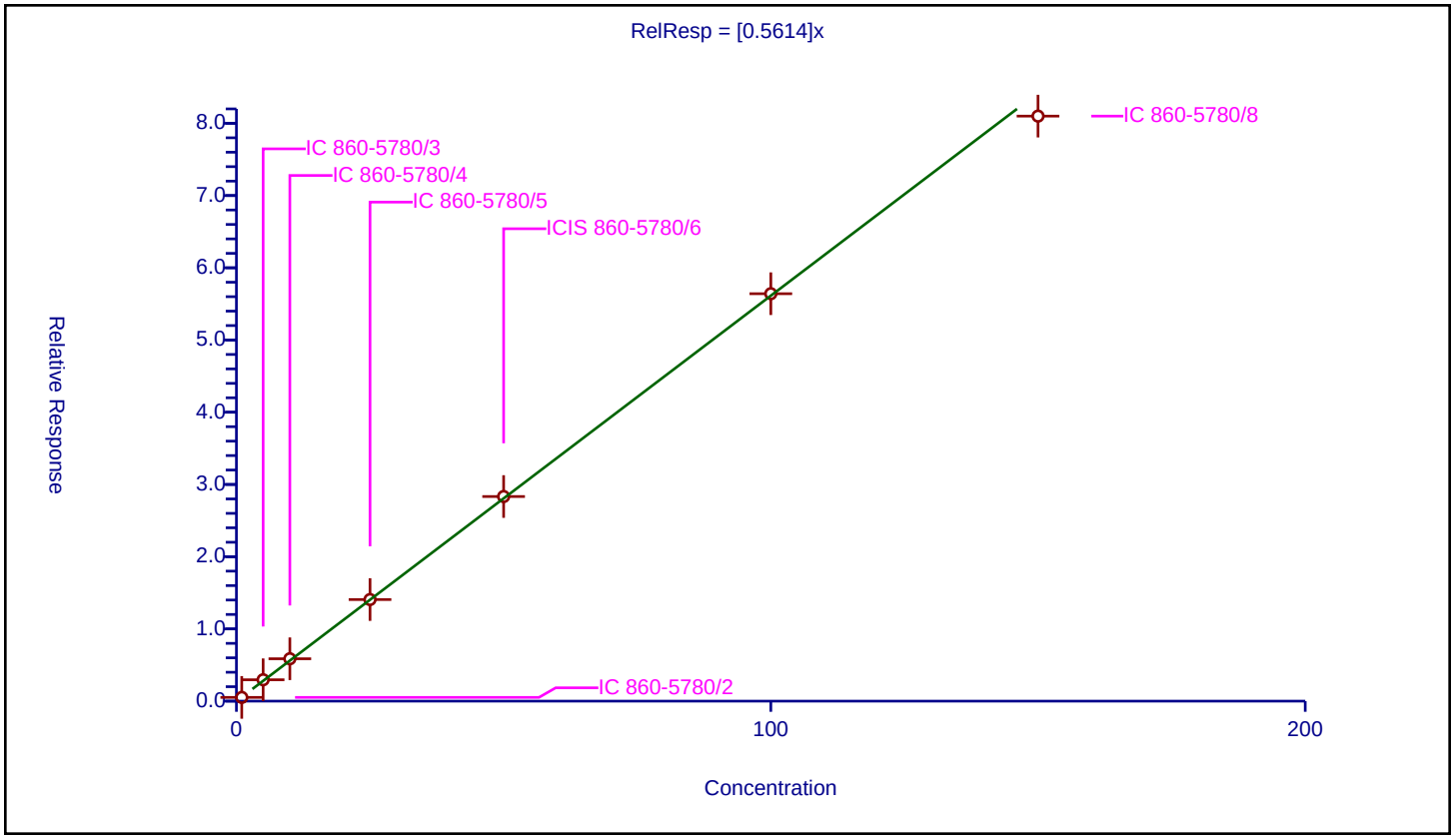
Curve Coefficients

Intercept:	0
Slope:	0.5614

Error Coefficients

Standard Error:	465000
Relative Standard Error:	4.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	0.517108	50.0	580730.0	0.517108	Y
2	IC 860-5780/3	5.0	2.960991	50.0	575331.0	0.592198	Y
3	IC 860-5780/4	10.0	5.869076	50.0	572654.0	0.586908	Y
4	IC 860-5780/5	25.0	14.067257	50.0	570822.0	0.56269	Y
5	ICIS 860-5780/6	50.0	28.32861	50.0	562442.0	0.566572	Y
6	IC 860-5780/7	100.0	56.411103	50.0	563226.0	0.564111	Y
7	IC 860-5780/8	150.0	81.001907	50.0	537625.0	0.540013	Y



Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

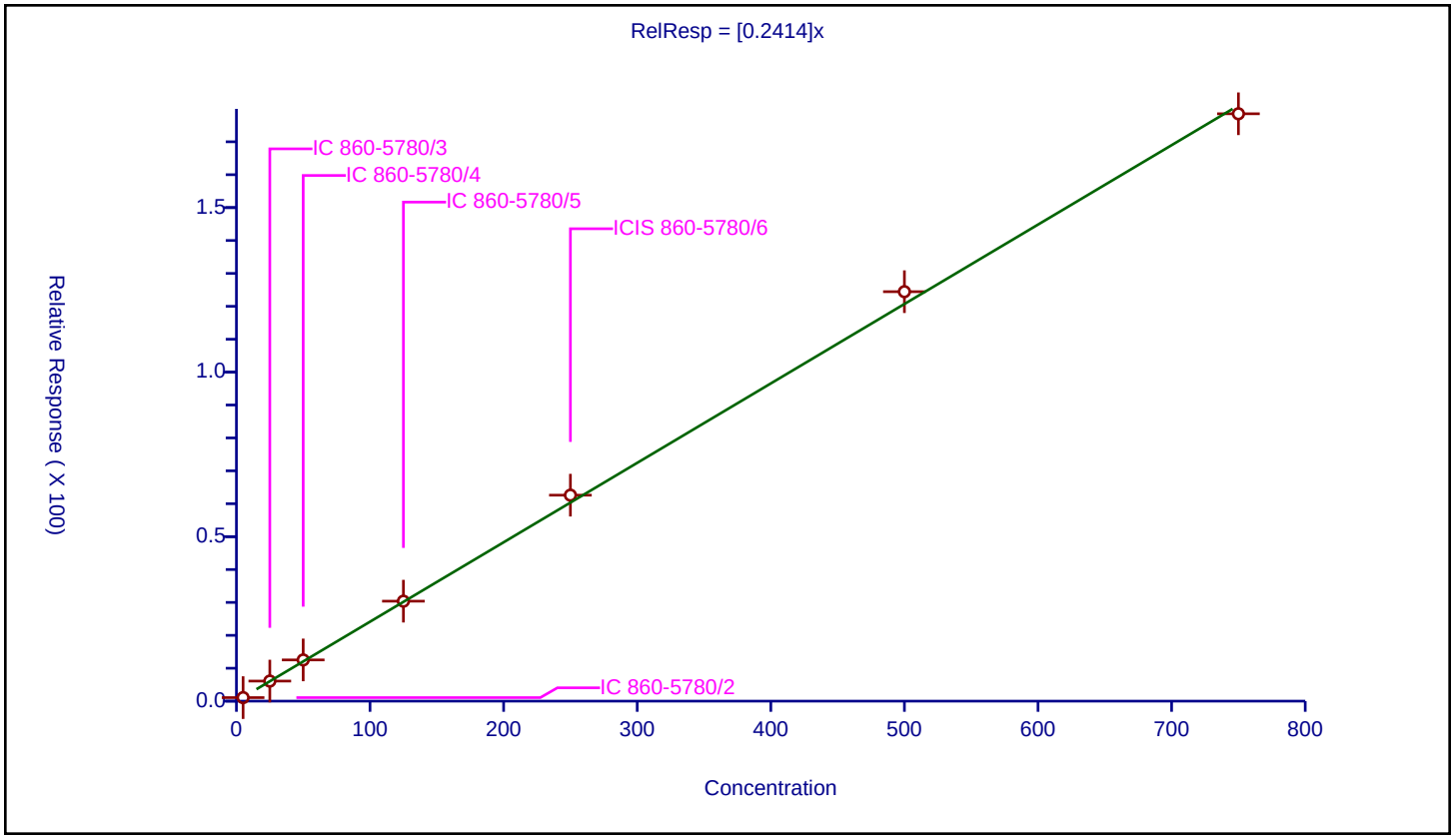
Curve Coefficients

Intercept:	0
Slope:	0.2414

Error Coefficients

Standard Error:	1020000
Relative Standard Error:	5.2
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	5.0	1.075026	50.0	580730.0	0.215005	Y
2	IC 860-5780/3	25.0	6.097186	50.0	575331.0	0.243887	Y
3	IC 860-5780/4	50.0	12.523705	50.0	572654.0	0.250474	Y
4	IC 860-5780/5	125.0	30.380311	50.0	570822.0	0.243042	Y
5	ICIS 860-5780/6	250.0	62.598988	50.0	562442.0	0.250396	Y
6	IC 860-5780/7	500.0	124.446758	50.0	563226.0	0.248894	Y
7	IC 860-5780/8	750.0	178.519414	50.0	537625.0	0.238026	Y



Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

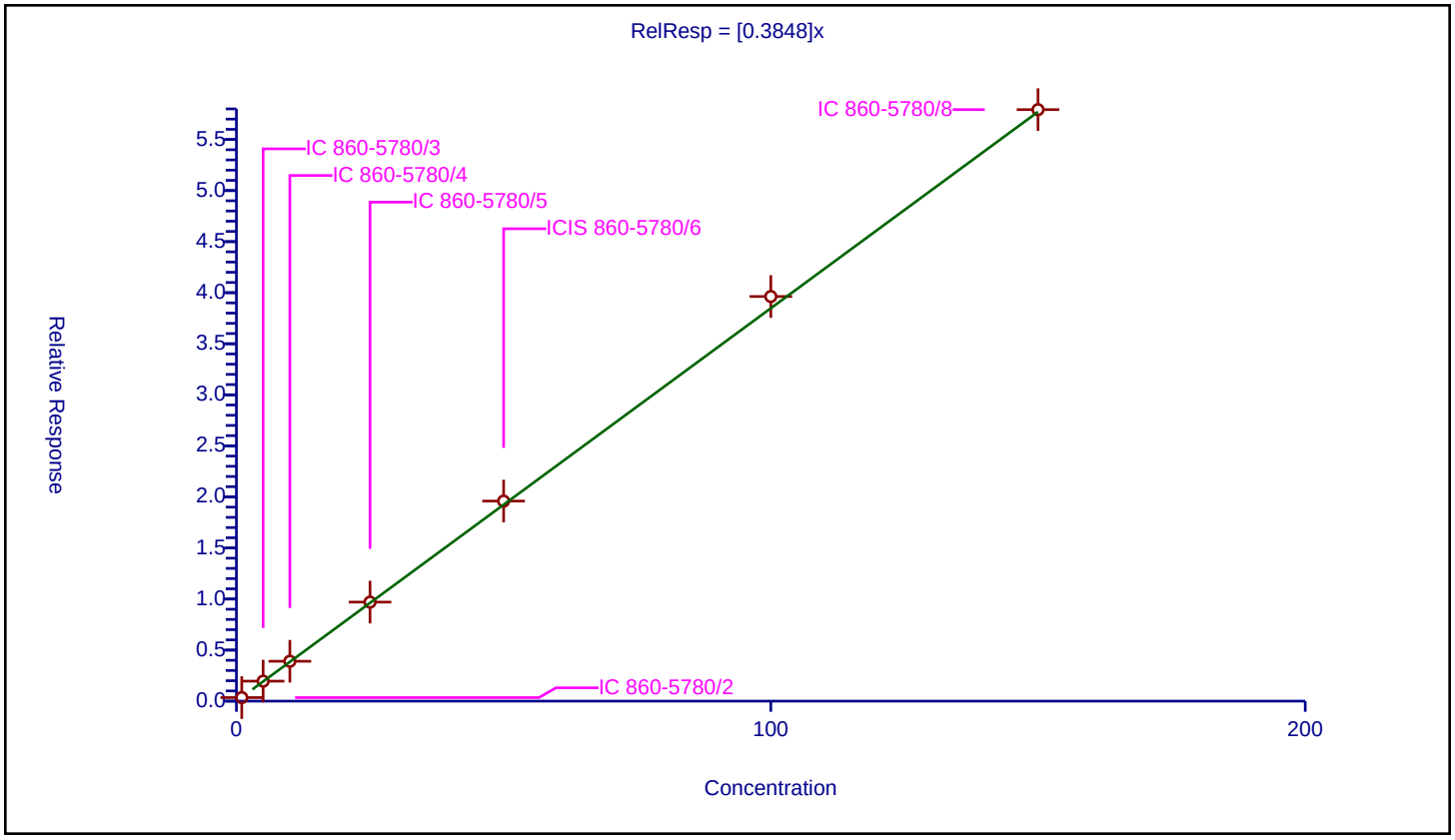
Curve Coefficients

Intercept:	0
Slope:	0.3848

Error Coefficients

Standard Error:	329000
Relative Standard Error:	4.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	0.348957	50.0	580730.0	0.348957	Y
2	IC 860-5780/3	5.0	1.957916	50.0	575331.0	0.391583	Y
3	IC 860-5780/4	10.0	3.906024	50.0	572654.0	0.390602	Y
4	IC 860-5780/5	25.0	9.698032	50.0	570822.0	0.387921	Y
5	ICIS 860-5780/6	50.0	19.591353	50.0	562442.0	0.391827	Y
6	IC 860-5780/7	100.0	39.625834	50.0	563226.0	0.396258	Y
7	IC 860-5780/8	150.0	57.925971	50.0	537625.0	0.386173	Y



Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

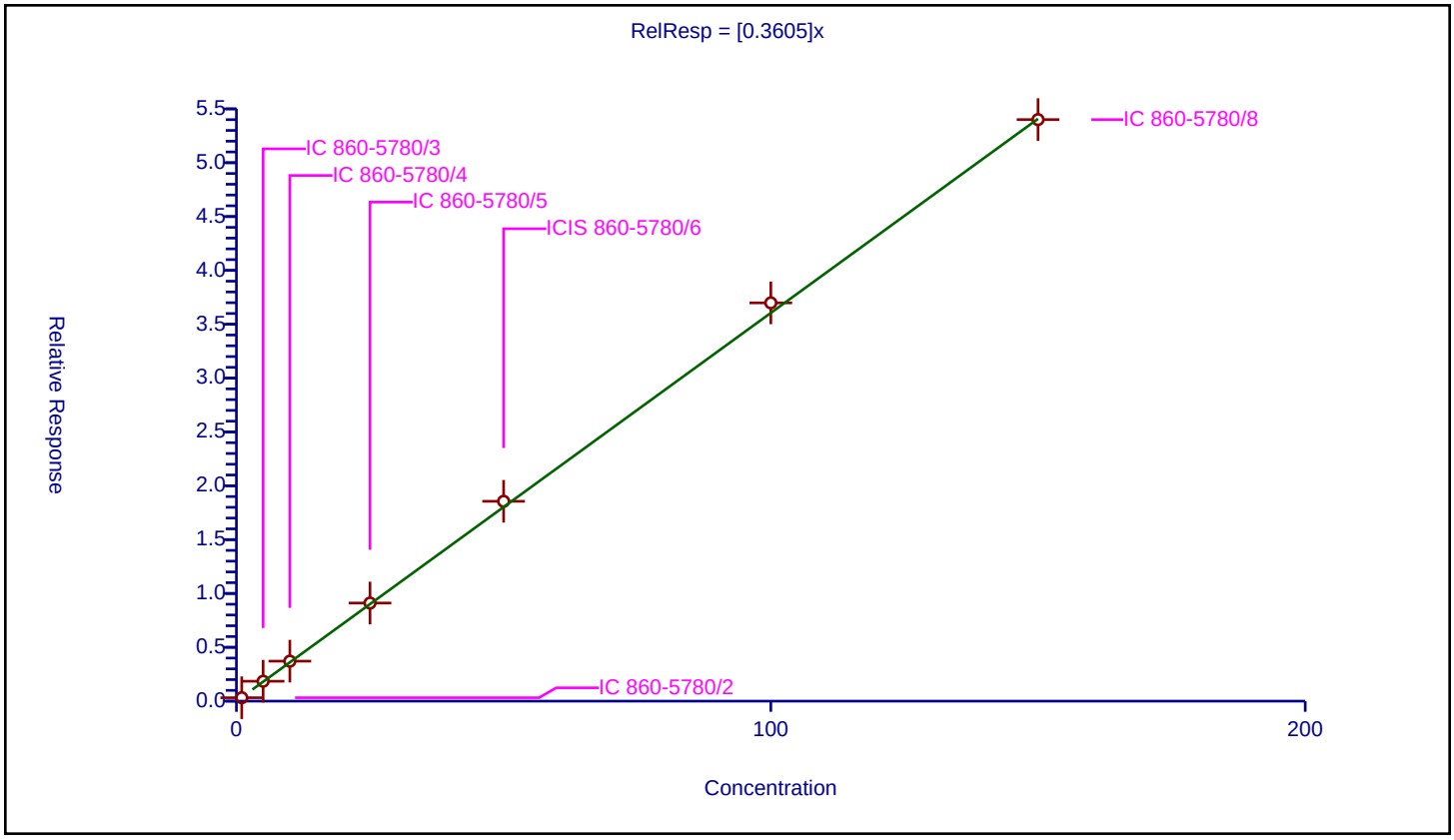
Curve Coefficients

Intercept:	0
Slope:	0.3605

Error Coefficients

Standard Error:	308000
Relative Standard Error:	5.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	0.316843	50.0	580730.0	0.316843	Y
2	IC 860-5780/3	5.0	1.849283	50.0	575331.0	0.369857	Y
3	IC 860-5780/4	10.0	3.714285	50.0	572654.0	0.371428	Y
4	IC 860-5780/5	25.0	9.110108	50.0	570822.0	0.364404	Y
5	ICIS 860-5780/6	50.0	18.558714	50.0	562442.0	0.371174	Y
6	IC 860-5780/7	100.0	36.986219	50.0	563226.0	0.369862	Y
7	IC 860-5780/8	150.0	54.005115	50.0	537625.0	0.360034	Y



Calibration / 1-Chlorohexane

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

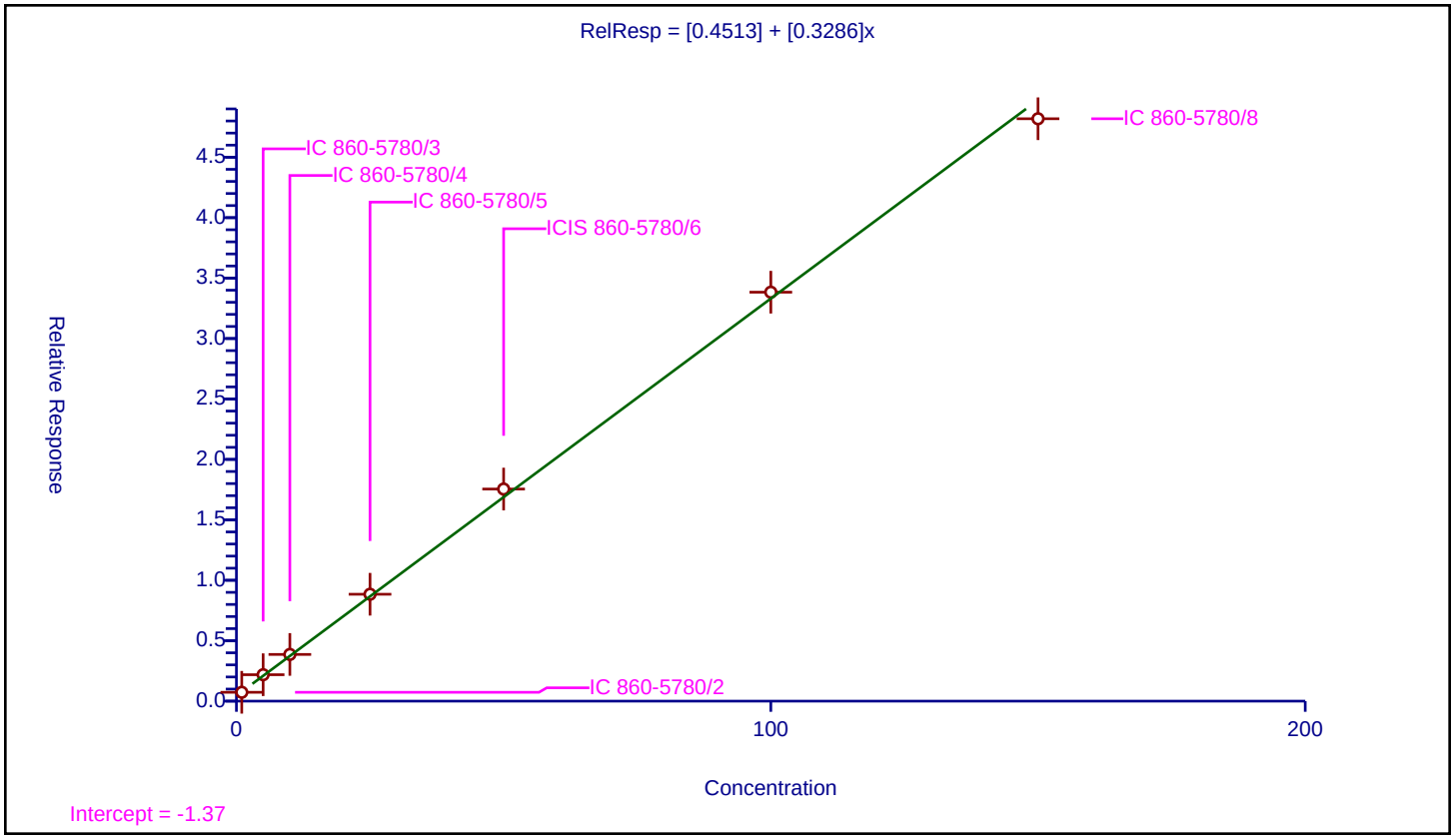
Curve Coefficients

Intercept:	0.4513
Slope:	0.3286

Error Coefficients

Standard Error:	305000
Relative Standard Error:	7.5
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	0.733301	50.0	580730.0	0.733301	Y
2	IC 860-5780/3	5.0	2.186046	50.0	575331.0	0.437209	Y
3	IC 860-5780/4	10.0	3.863153	50.0	572654.0	0.386315	Y
4	IC 860-5780/5	25.0	8.843913	50.0	570822.0	0.353757	Y
5	ICIS 860-5780/6	50.0	17.548832	50.0	562442.0	0.350977	Y
6	IC 860-5780/7	100.0	33.834731	50.0	563226.0	0.338347	Y
7	IC 860-5780/8	150.0	48.184887	50.0	537625.0	0.321233	Y



Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

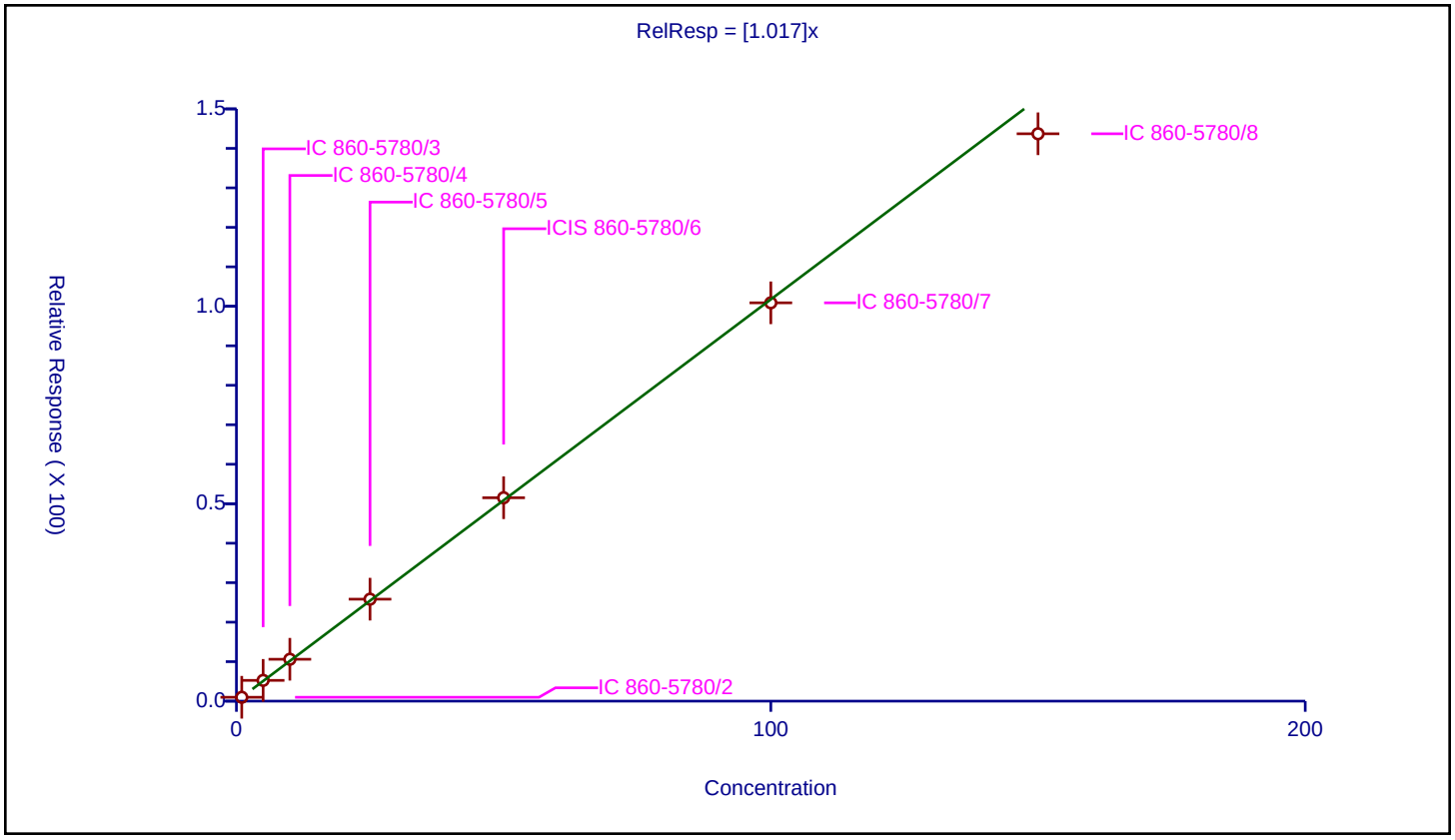
Curve Coefficients

Intercept:	0
Slope:	1.017

Error Coefficients

Standard Error:	829000
Relative Standard Error:	3.7
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	0.979112	50.0	580730.0	0.979112	Y
2	IC 860-5780/3	5.0	5.260798	50.0	575331.0	1.05216	Y
3	IC 860-5780/4	10.0	10.610508	50.0	572654.0	1.061051	Y
4	IC 860-5780/5	25.0	25.823286	50.0	570822.0	1.032931	Y
5	ICIS 860-5780/6	50.0	51.511	50.0	562442.0	1.03022	Y
6	IC 860-5780/7	100.0	100.885524	50.0	563226.0	1.008855	Y
7	IC 860-5780/8	150.0	143.698117	50.0	537625.0	0.957987	Y



Calibration / 1,1,1,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

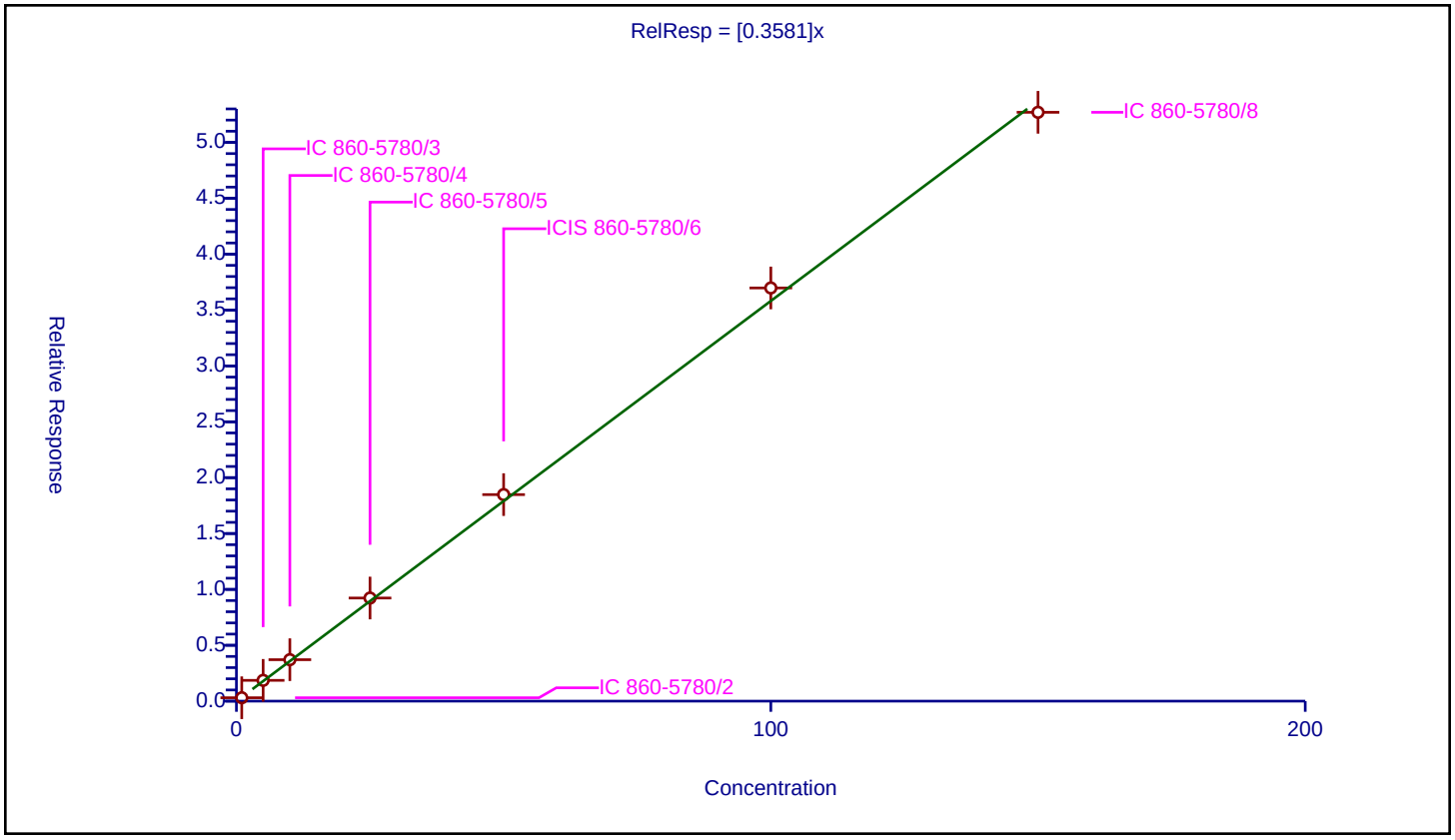
Curve Coefficients

Intercept:	0
Slope:	0.3581

Error Coefficients

Standard Error:	303000
Relative Standard Error:	7.0
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	0.303928	50.0	580730.0	0.303928	Y
2	IC 860-5780/3	5.0	1.860147	50.0	575331.0	0.372029	Y
3	IC 860-5780/4	10.0	3.710094	50.0	572654.0	0.371009	Y
4	IC 860-5780/5	25.0	9.228534	50.0	570822.0	0.369141	Y
5	ICIS 860-5780/6	50.0	18.482528	50.0	562442.0	0.369651	Y
6	IC 860-5780/7	100.0	36.974856	50.0	563226.0	0.369749	Y
7	IC 860-5780/8	150.0	52.694443	50.0	537625.0	0.351296	Y



Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

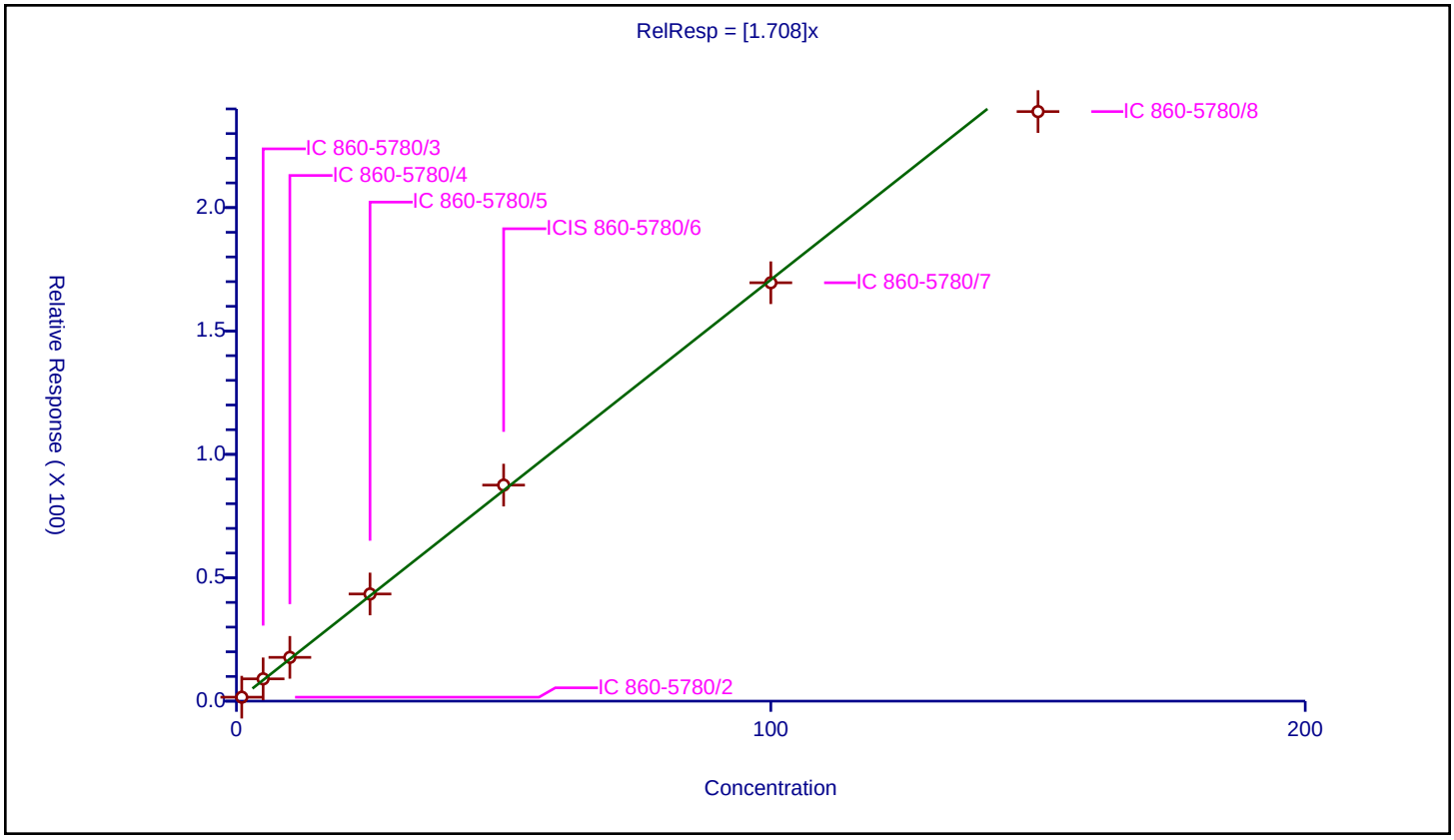
Curve Coefficients

Intercept:	0
Slope:	1.708

Error Coefficients

Standard Error:	1390000
Relative Standard Error:	4.9
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	1.598764	50.0	580730.0	1.598764	Y
2	IC 860-5780/3	5.0	9.026717	50.0	575331.0	1.805343	Y
3	IC 860-5780/4	10.0	17.734094	50.0	572654.0	1.773409	Y
4	IC 860-5780/5	25.0	43.428775	50.0	570822.0	1.737151	Y
5	ICIS 860-5780/6	50.0	87.546894	50.0	562442.0	1.750938	Y
6	IC 860-5780/7	100.0	169.552009	50.0	563226.0	1.69552	Y
7	IC 860-5780/8	150.0	238.911416	50.0	537625.0	1.592743	Y



Calibration / m-Xylene & p-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

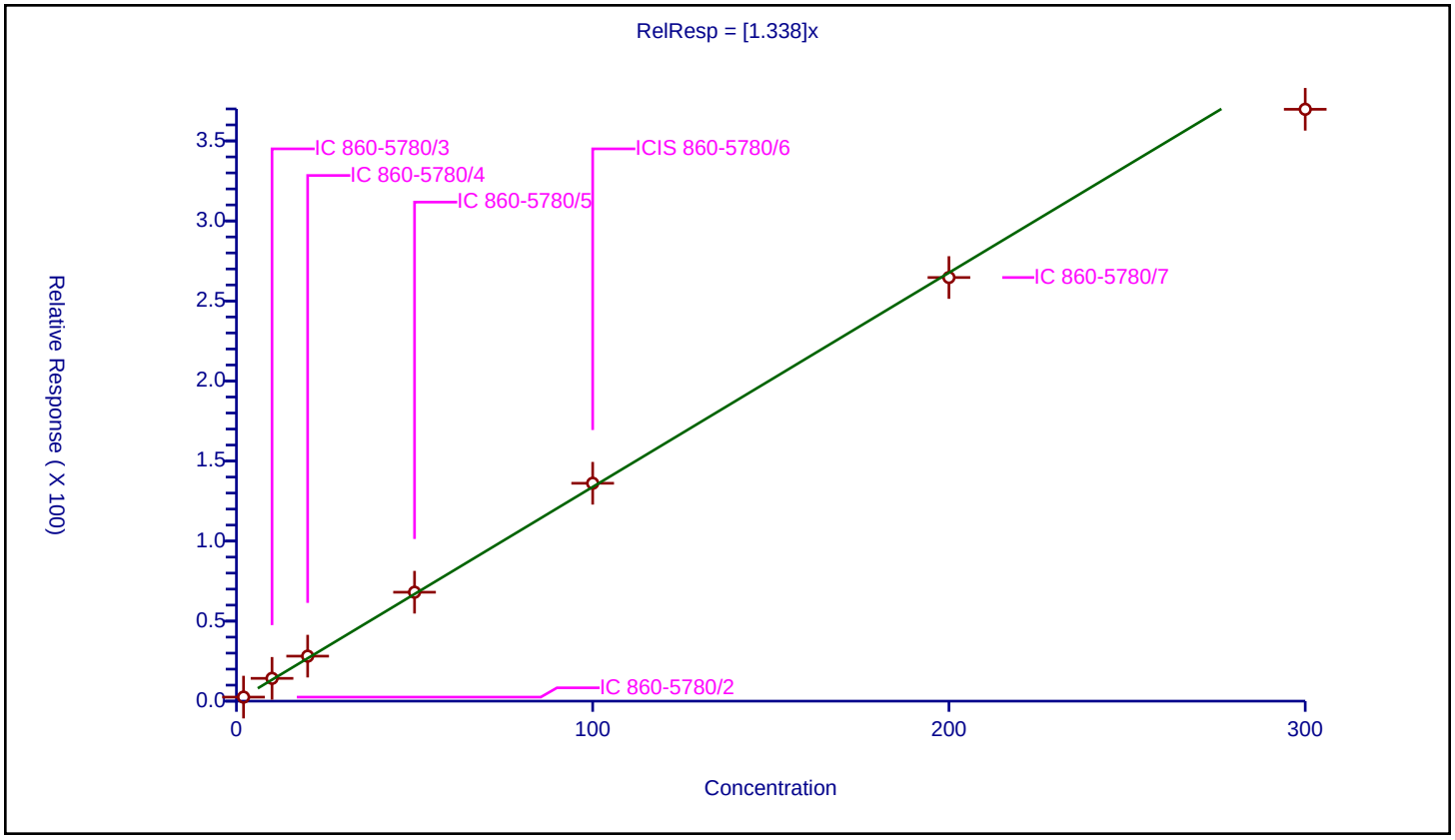
Curve Coefficients

Intercept:	0
Slope:	1.338

Error Coefficients

Standard Error:	2150000
Relative Standard Error:	5.3
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	2.0	2.519157	50.0	580730.0	1.259578	Y
2	IC 860-5780/3	10.0	14.242062	50.0	575331.0	1.424206	Y
3	IC 860-5780/4	20.0	28.119074	50.0	572654.0	1.405954	Y
4	IC 860-5780/5	50.0	68.047307	50.0	570822.0	1.360946	Y
5	ICIS 860-5780/6	100.0	136.117324	50.0	562442.0	1.361173	Y
6	IC 860-5780/7	200.0	264.658237	50.0	563226.0	1.323291	Y
7	IC 860-5780/8	300.0	369.752337	50.0	537625.0	1.232508	Y



Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

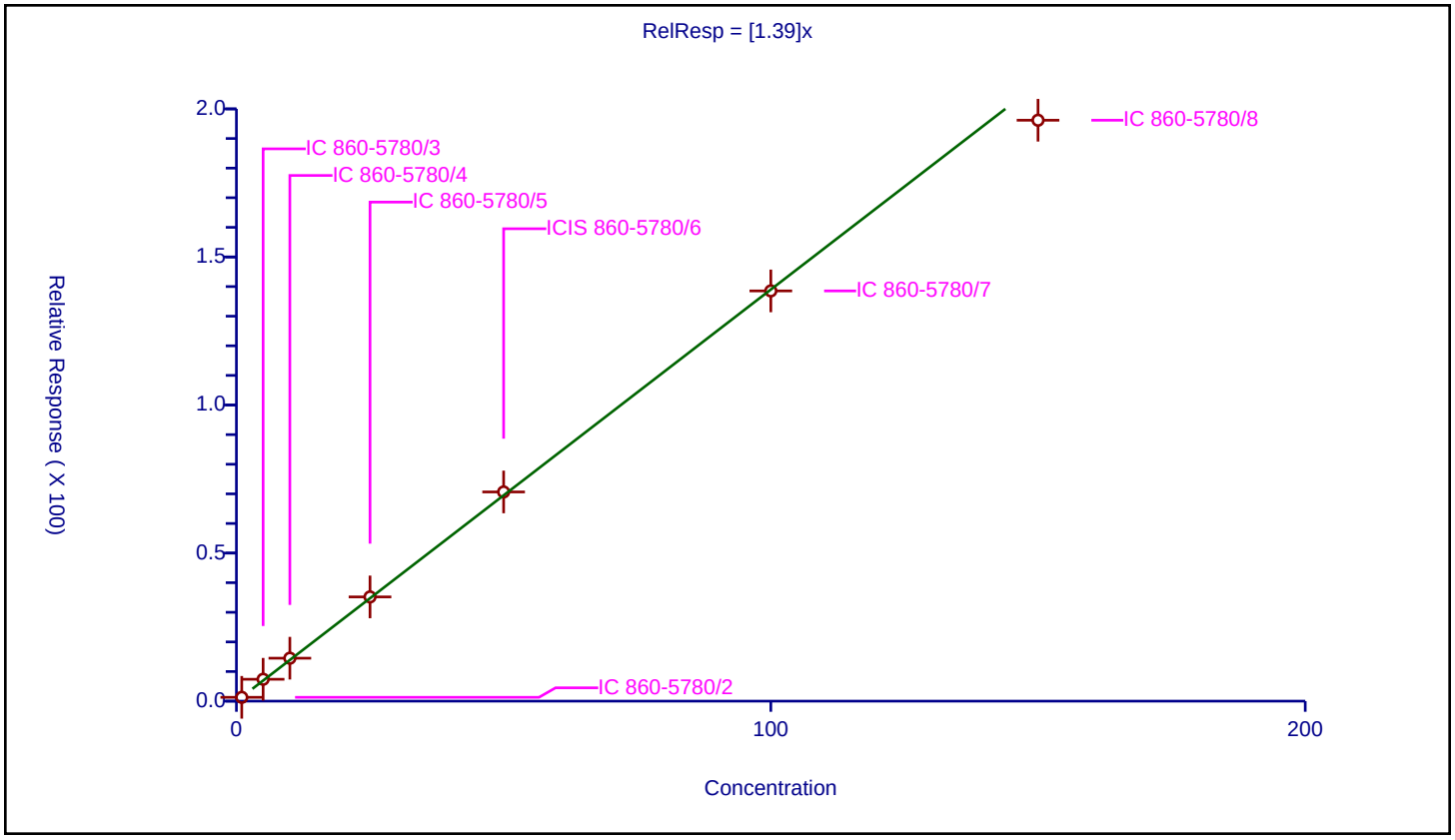
Curve Coefficients

Intercept:	0
Slope:	1.39

Error Coefficients

Standard Error:	1130000
Relative Standard Error:	5.1
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	1.286915	50.0	580730.0	1.286915	Y
2	IC 860-5780/3	5.0	7.391832	50.0	575331.0	1.478366	Y
3	IC 860-5780/4	10.0	14.503348	50.0	572654.0	1.450335	Y
4	IC 860-5780/5	25.0	35.196786	50.0	570822.0	1.407871	Y
5	ICIS 860-5780/6	50.0	70.643995	50.0	562442.0	1.41288	Y
6	IC 860-5780/7	100.0	138.531957	50.0	563226.0	1.38532	Y
7	IC 860-5780/8	150.0	196.166101	50.0	537625.0	1.307774	Y



Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

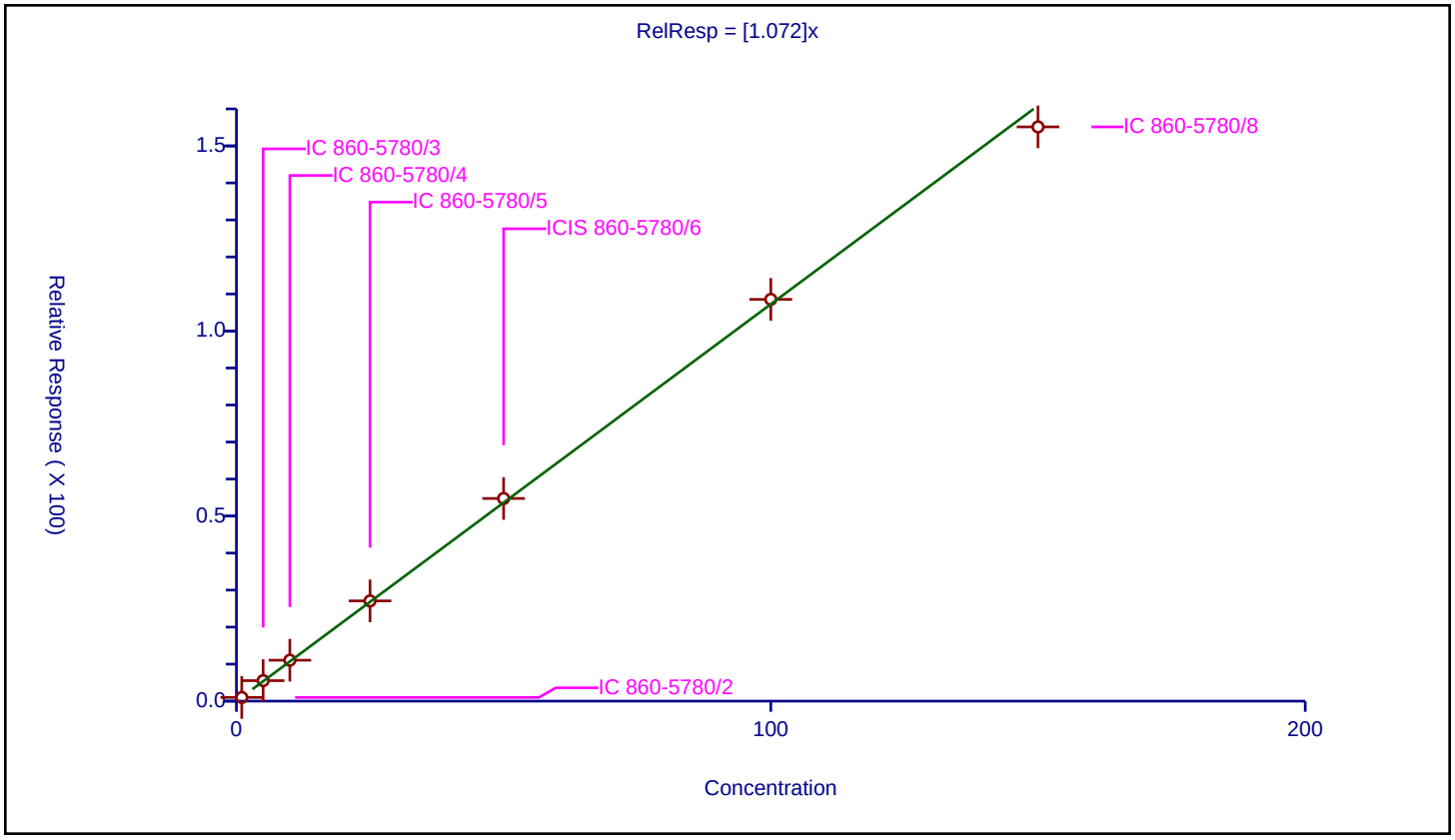
Curve Coefficients

Intercept:	0
Slope:	1.072

Error Coefficients

Standard Error:	892000
Relative Standard Error:	3.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	0.996849	50.0	580730.0	0.996849	Y
2	IC 860-5780/3	5.0	5.53464	50.0	575331.0	1.106928	Y
3	IC 860-5780/4	10.0	11.053795	50.0	572654.0	1.10538	Y
4	IC 860-5780/5	25.0	27.079019	50.0	570822.0	1.083161	Y
5	ICIS 860-5780/6	50.0	54.75089	50.0	562442.0	1.095018	Y
6	IC 860-5780/7	100.0	108.537159	50.0	563226.0	1.085372	Y
7	IC 860-5780/8	150.0	155.137968	50.0	537625.0	1.034253	Y



Calibration / Bromoform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

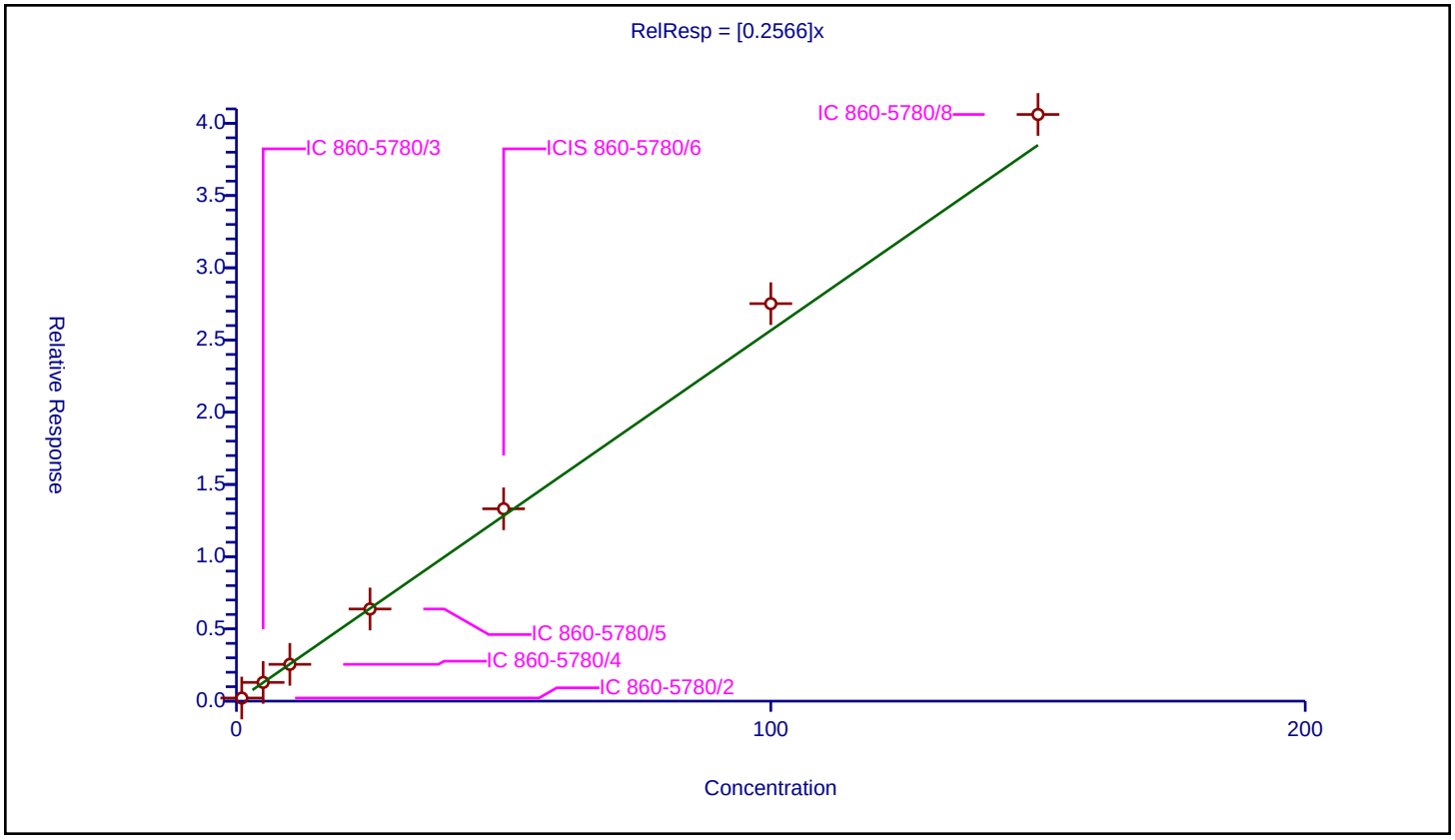
Curve Coefficients

Intercept:	0
Slope:	0.2566

Error Coefficients

Standard Error:	229000
Relative Standard Error:	7.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	0.214988	50.0	580730.0	0.214988	Y
2	IC 860-5780/3	5.0	1.296993	50.0	575331.0	0.259399	Y
3	IC 860-5780/4	10.0	2.546477	50.0	572654.0	0.254648	Y
4	IC 860-5780/5	25.0	6.378346	50.0	570822.0	0.255134	Y
5	ICIS 860-5780/6	50.0	13.315951	50.0	562442.0	0.266319	Y
6	IC 860-5780/7	100.0	27.517284	50.0	563226.0	0.275173	Y
7	IC 860-5780/8	150.0	40.61409	50.0	537625.0	0.270761	Y



Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

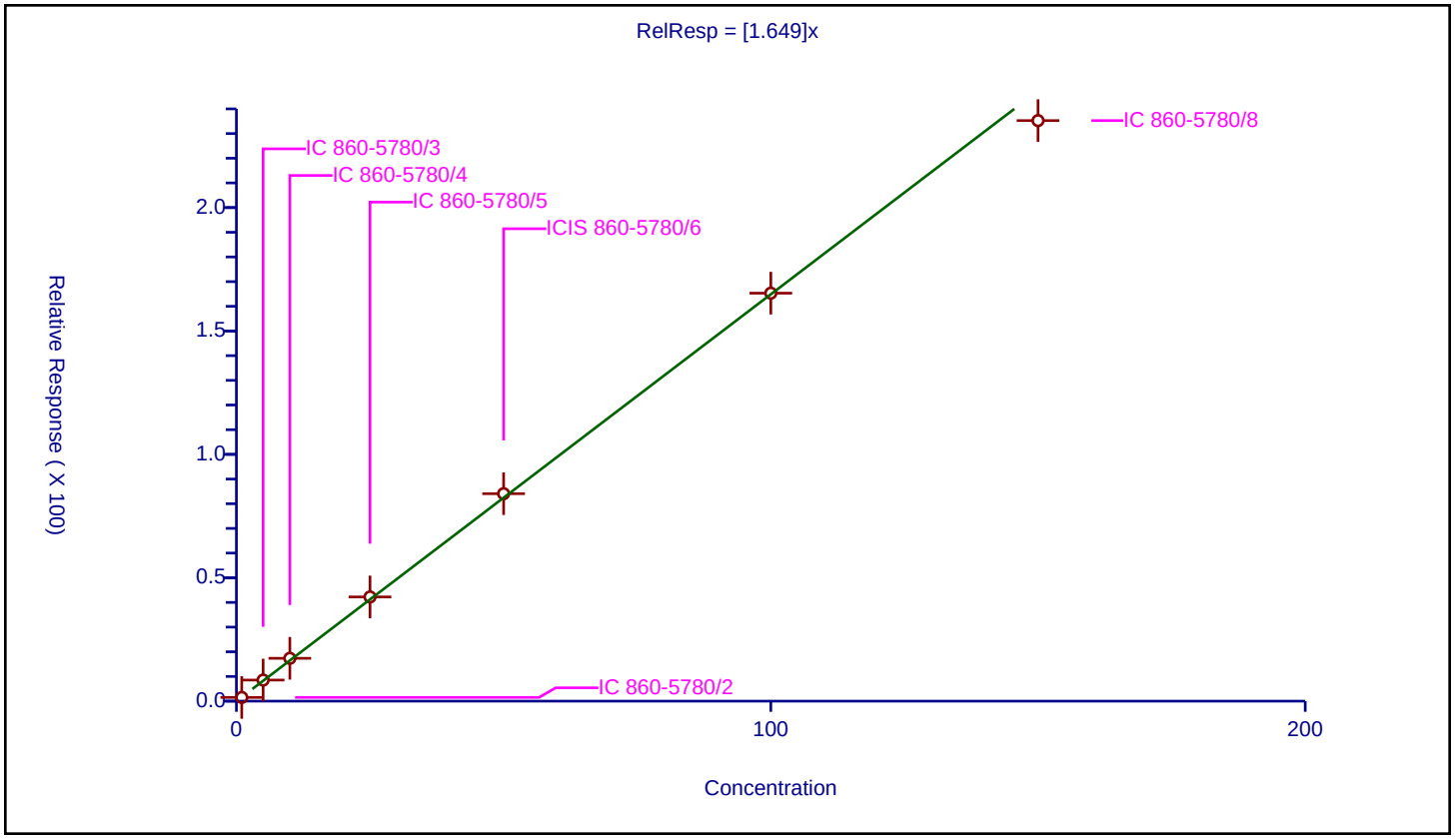
Curve Coefficients

Intercept:	0
Slope:	1.649

Error Coefficients

Standard Error:	1360000
Relative Standard Error:	5.0
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	1.503797	50.0	580730.0	1.503797	Y
2	IC 860-5780/3	5.0	8.54595	50.0	575331.0	1.70919	Y
3	IC 860-5780/4	10.0	17.355331	50.0	572654.0	1.735533	Y
4	IC 860-5780/5	25.0	42.231203	50.0	570822.0	1.689248	Y
5	ICIS 860-5780/6	50.0	84.071869	50.0	562442.0	1.681437	Y
6	IC 860-5780/7	100.0	165.32795	50.0	563226.0	1.65328	Y
7	IC 860-5780/8	150.0	235.246036	50.0	537625.0	1.568307	Y



Calibration / 4-Bromofluorobenzene (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

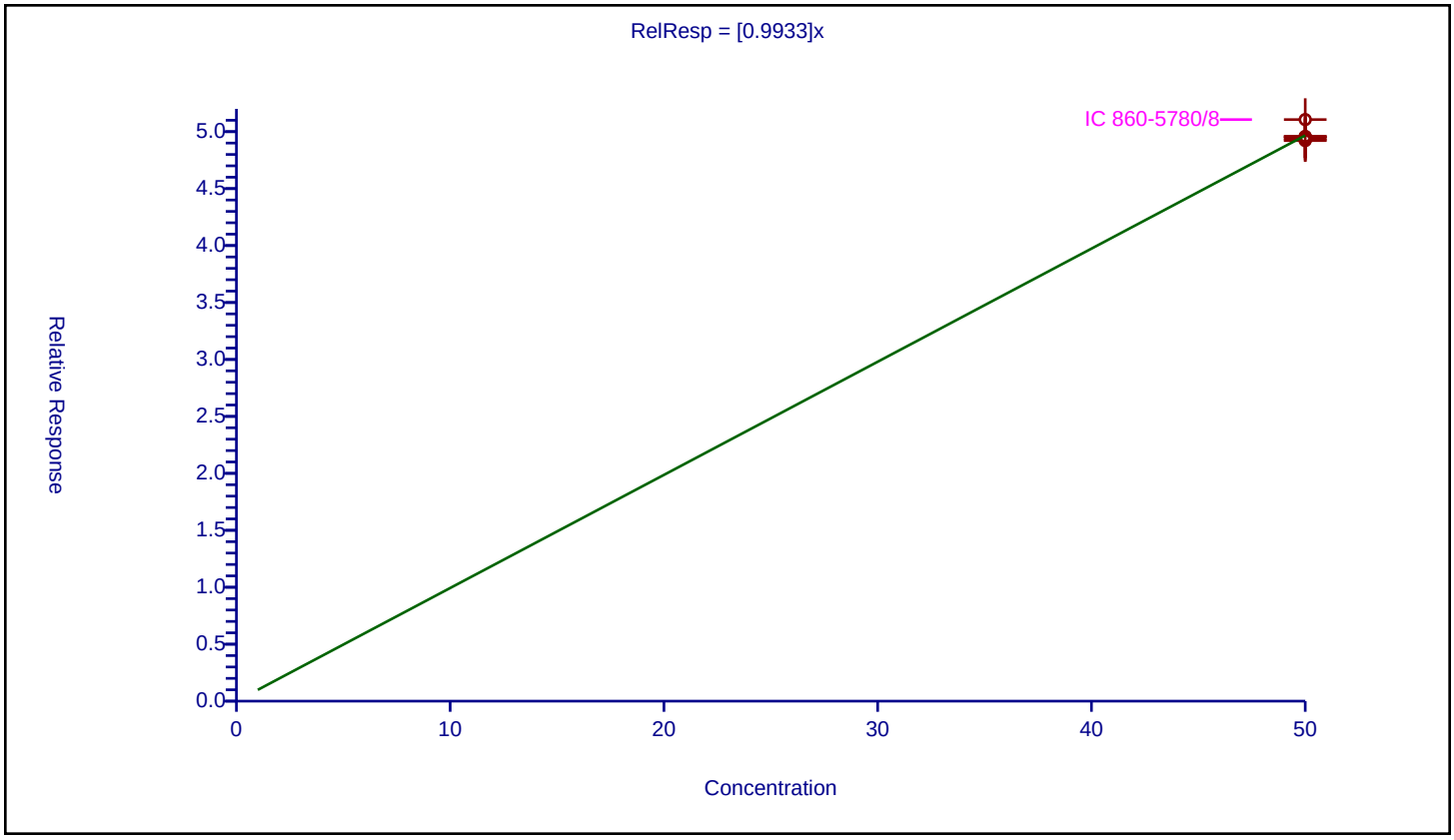
Curve Coefficients

Intercept:	0
Slope:	0.9933

Error Coefficients

Standard Error:	306000
Relative Standard Error:	1.3
Correlation Coefficient:	0.00000000000000000000
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	50.0	49.215253	50.0	294872.0	0.984305	Y
2	IC 860-5780/3	50.0	49.568437	50.0	288139.0	0.991369	Y
3	IC 860-5780/4	50.0	49.575796	50.0	294080.0	0.991516	Y
4	IC 860-5780/5	50.0	49.268867	50.0	288730.0	0.985377	Y
5	ICIS 860-5780/6	50.0	49.544106	50.0	283838.0	0.990882	Y
6	IC 860-5780/7	50.0	49.408748	50.0	285834.0	0.988175	Y
7	IC 860-5780/8	50.0	51.060767	50.0	261556.0	1.021215	Y



Calibration / 1,1,2,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

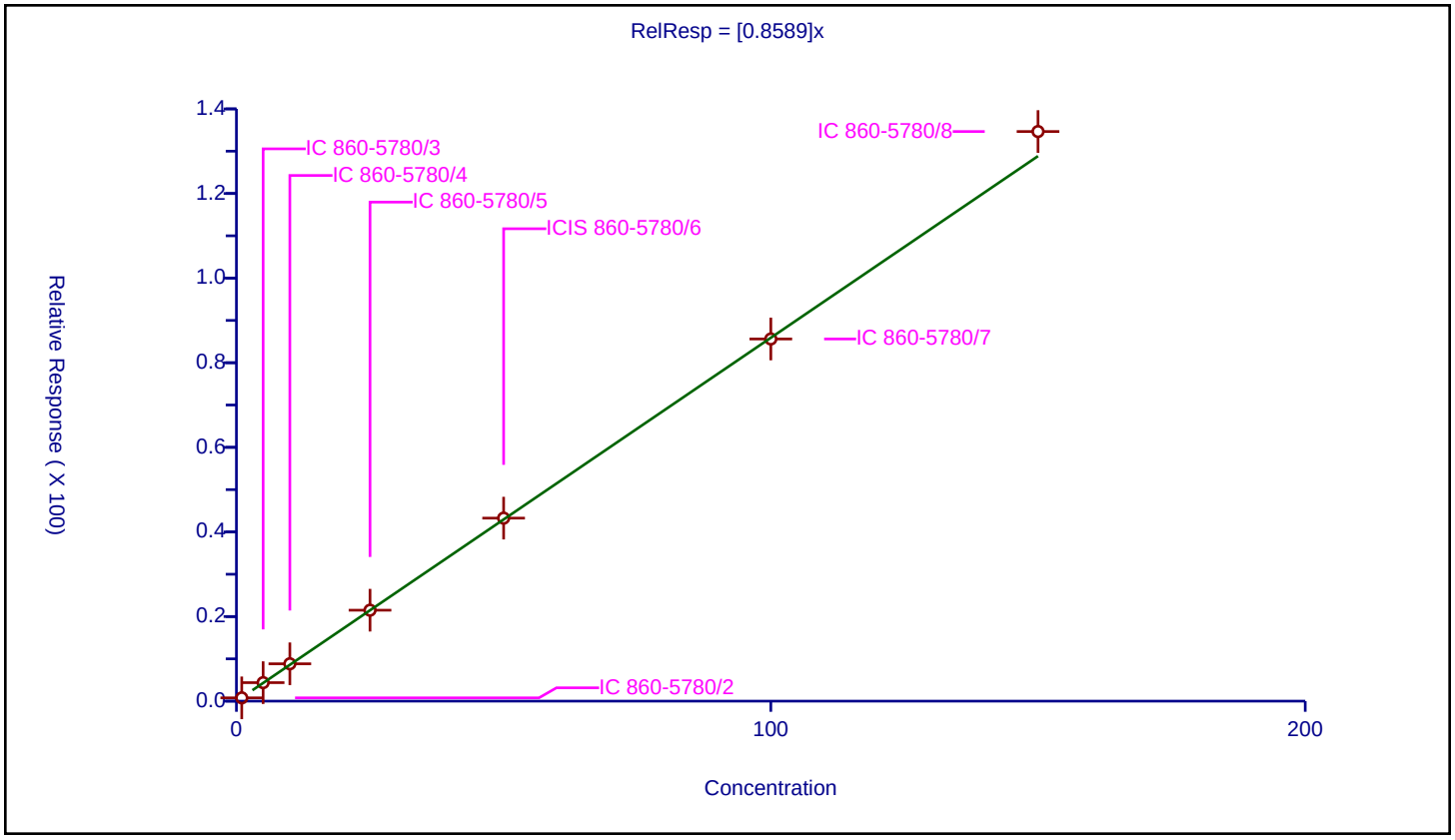
Curve Coefficients

Intercept:	0
Slope:	0.8589

Error Coefficients

Standard Error:	368000
Relative Standard Error:	4.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	0.776778	50.0	294872.0	0.776778	Y
2	IC 860-5780/3	5.0	4.369766	50.0	288139.0	0.873953	Y
3	IC 860-5780/4	10.0	8.8277	50.0	294080.0	0.88277	Y
4	IC 860-5780/5	25.0	21.500017	50.0	288730.0	0.860001	Y
5	ICIS 860-5780/6	50.0	43.265701	50.0	283838.0	0.865314	Y
6	IC 860-5780/7	100.0	85.609829	50.0	285834.0	0.856098	Y
7	IC 860-5780/8	150.0	134.647838	50.0	261556.0	0.897652	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

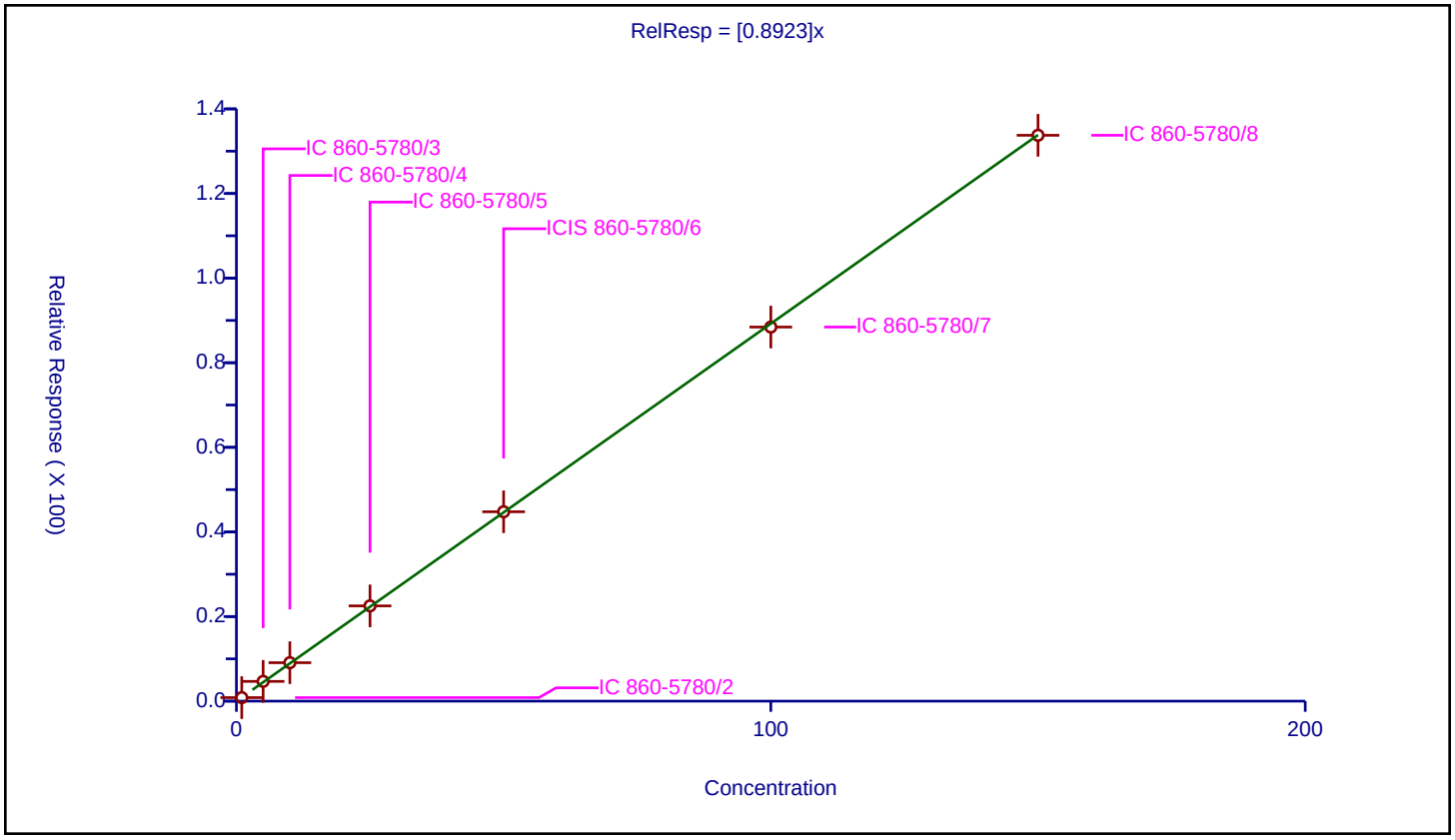
Curve Coefficients

Intercept:	0
Slope:	0.8923

Error Coefficients

Standard Error:	372000
Relative Standard Error:	3.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	0.832056	50.0	294872.0	0.832056	Y
2	IC 860-5780/3	5.0	4.665457	50.0	288139.0	0.933091	Y
3	IC 860-5780/4	10.0	9.088513	50.0	294080.0	0.908851	Y
4	IC 860-5780/5	25.0	22.519309	50.0	288730.0	0.900772	Y
5	ICIS 860-5780/6	50.0	44.766205	50.0	283838.0	0.895324	Y
6	IC 860-5780/7	100.0	88.428598	50.0	285834.0	0.884286	Y
7	IC 860-5780/8	150.0	133.761795	50.0	261556.0	0.891745	Y



Calibration / 1,2,3-Trichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

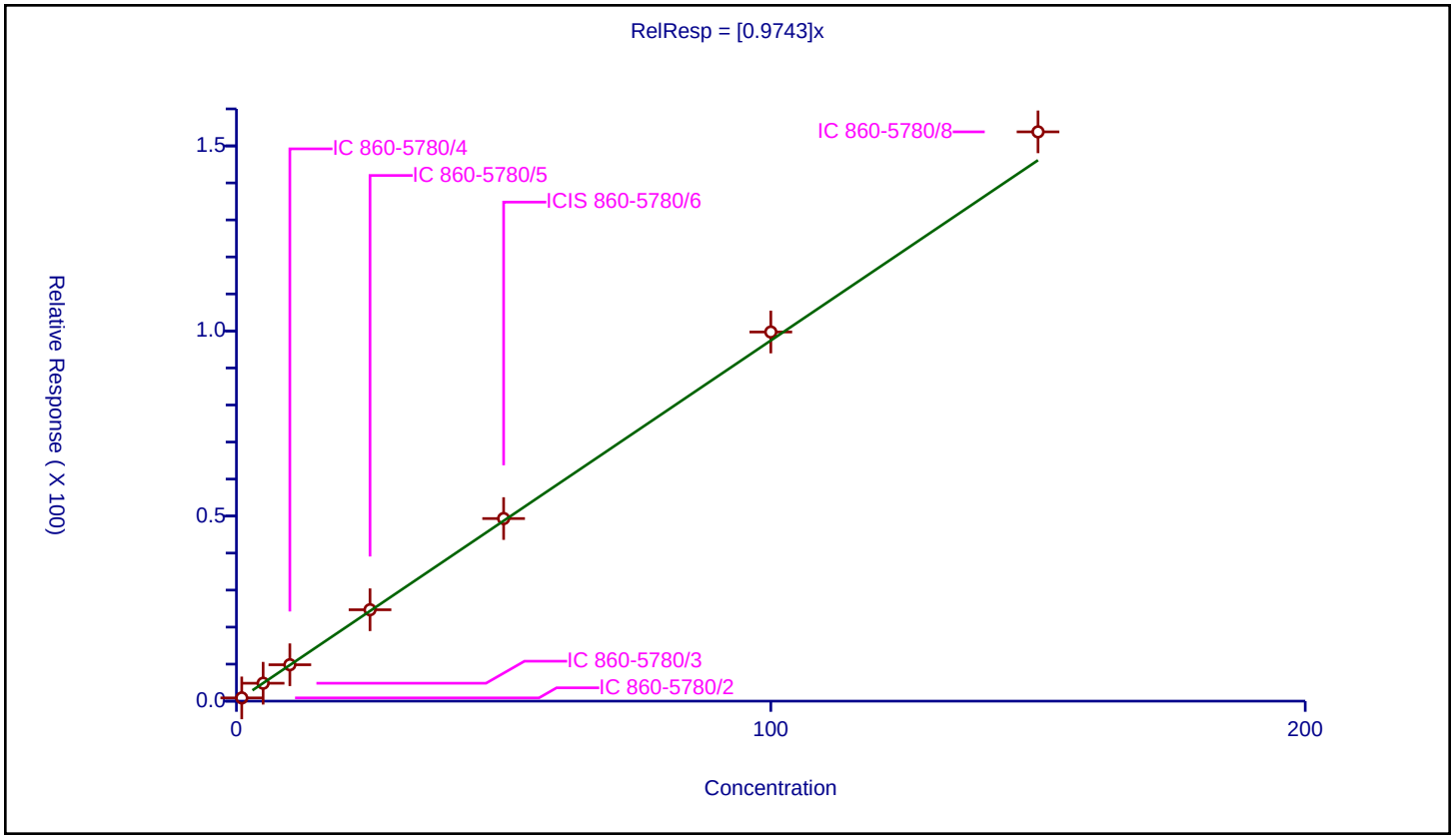
Curve Coefficients

Intercept:	0
Slope:	0.9743

Error Coefficients

Standard Error:	423000
Relative Standard Error:	5.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	0.871225	50.0	294872.0	0.871225	Y
2	IC 860-5780/3	5.0	4.841934	50.0	288139.0	0.968387	Y
3	IC 860-5780/4	10.0	9.834569	50.0	294080.0	0.983457	Y
4	IC 860-5780/5	25.0	24.693312	50.0	288730.0	0.987732	Y
5	ICIS 860-5780/6	50.0	49.331309	50.0	283838.0	0.986626	Y
6	IC 860-5780/7	100.0	99.726415	50.0	285834.0	0.997264	Y
7	IC 860-5780/8	150.0	153.799186	50.0	261556.0	1.025328	Y



Calibration / trans-1,4-Dichloro-2-butene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

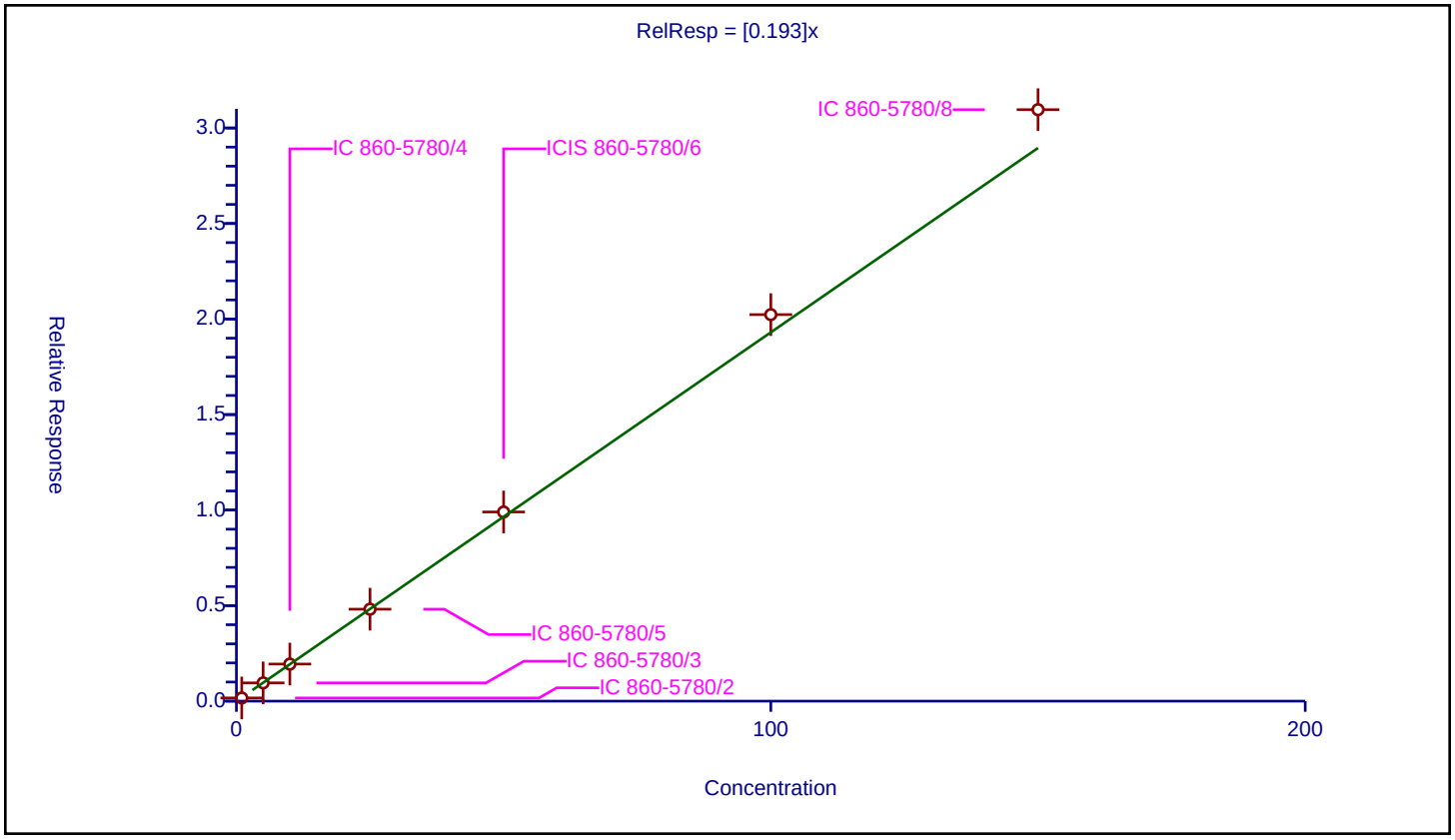
Curve Coefficients

Intercept:	0
Slope:	0.193

Error Coefficients

Standard Error:	85300
Relative Standard Error:	6.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	0.166682	50.0	294872.0	0.166682	Y
2	IC 860-5780/3	5.0	0.955962	50.0	288139.0	0.191192	Y
3	IC 860-5780/4	10.0	1.940628	50.0	294080.0	0.194063	Y
4	IC 860-5780/5	25.0	4.81332	50.0	288730.0	0.192533	Y
5	ICIS 860-5780/6	50.0	9.901599	50.0	283838.0	0.198032	Y
6	IC 860-5780/7	100.0	20.232373	50.0	285834.0	0.202324	Y
7	IC 860-5780/8	150.0	30.959336	50.0	261556.0	0.206396	Y



Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

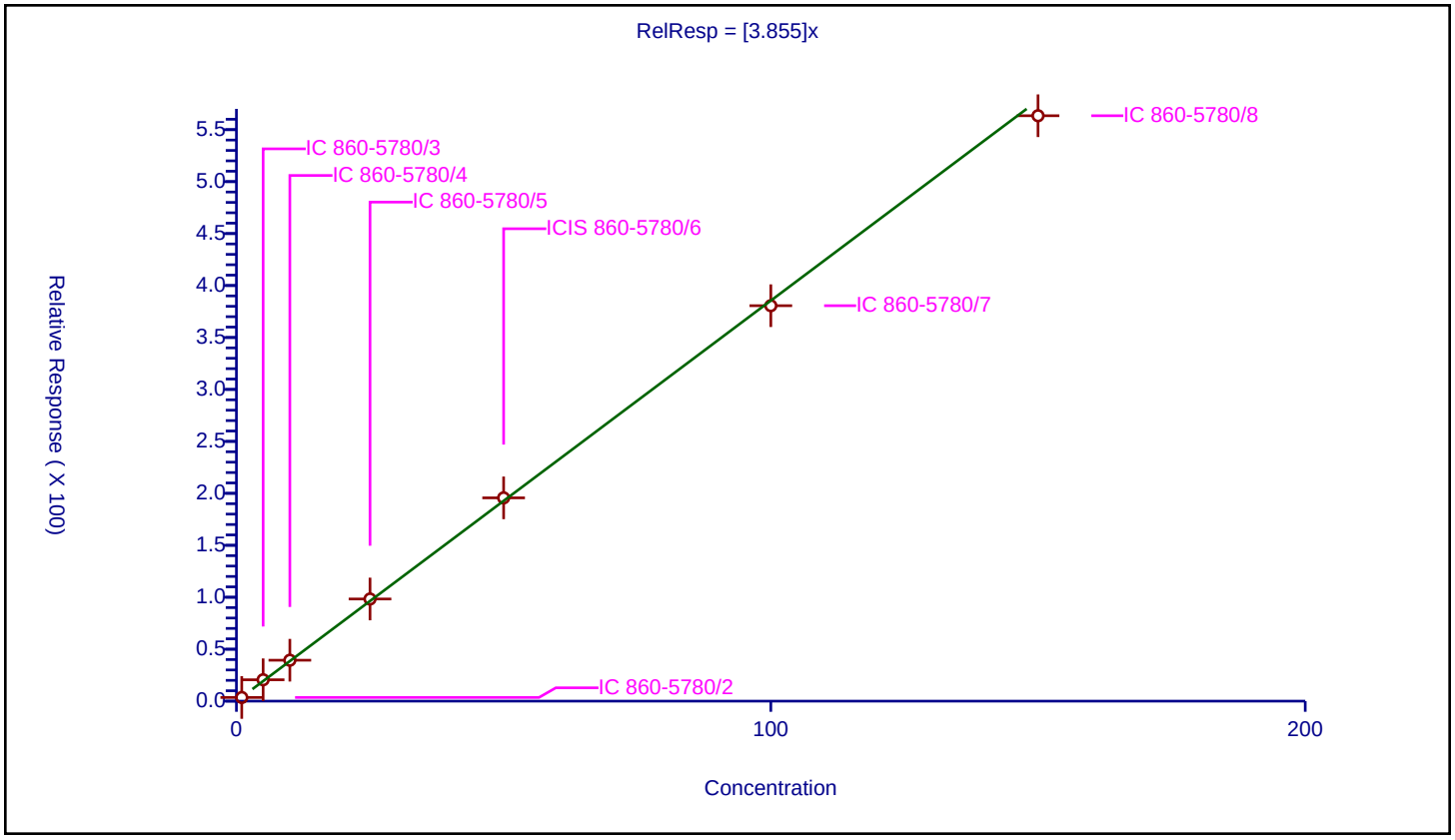
Curve Coefficients

Intercept:	0
Slope:	3.855

Error Coefficients

Standard Error:	1580000
Relative Standard Error:	4.8
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	3.520171	50.0	294872.0	3.520171	Y
2	IC 860-5780/3	5.0	20.583642	50.0	288139.0	4.116728	Y
3	IC 860-5780/4	10.0	39.382821	50.0	294080.0	3.938282	Y
4	IC 860-5780/5	25.0	98.316767	50.0	288730.0	3.932671	Y
5	ICIS 860-5780/6	50.0	195.658263	50.0	283838.0	3.913165	Y
6	IC 860-5780/7	100.0	380.581211	50.0	285834.0	3.805812	Y
7	IC 860-5780/8	150.0	563.41835	50.0	261556.0	3.756122	Y



Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

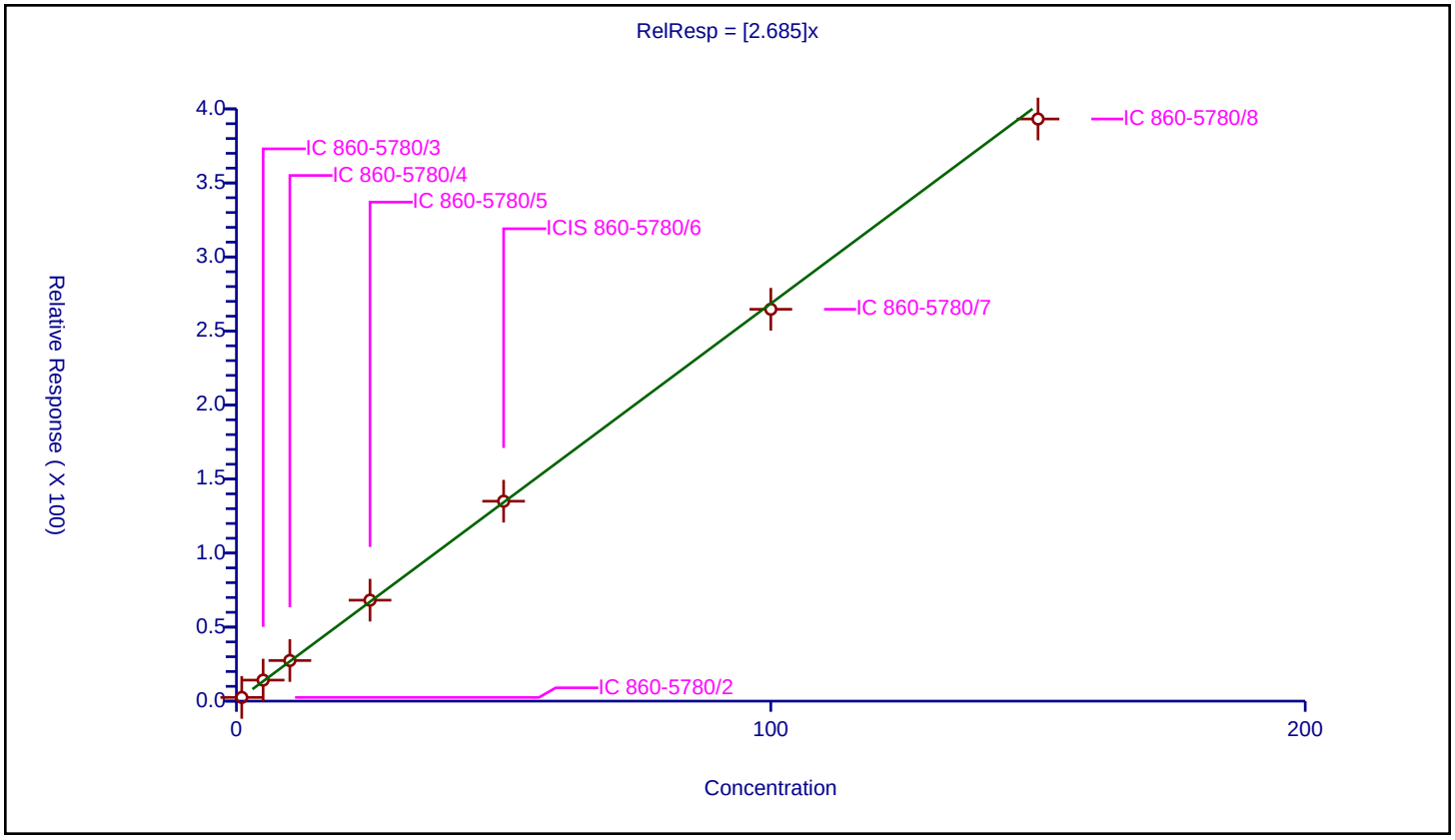
Curve Coefficients

Intercept:	0
Slope:	2.685

Error Coefficients

Standard Error:	1100000
Relative Standard Error:	3.8
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	2.516855	50.0	294872.0	2.516855	Y
2	IC 860-5780/3	5.0	14.2079	50.0	288139.0	2.84158	Y
3	IC 860-5780/4	10.0	27.41924	50.0	294080.0	2.741924	Y
4	IC 860-5780/5	25.0	68.184983	50.0	288730.0	2.727399	Y
5	ICIS 860-5780/6	50.0	135.023499	50.0	283838.0	2.70047	Y
6	IC 860-5780/7	100.0	264.66603	50.0	285834.0	2.64666	Y
7	IC 860-5780/8	150.0	393.17412	50.0	261556.0	2.621161	Y



Calibration / 4-Ethyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

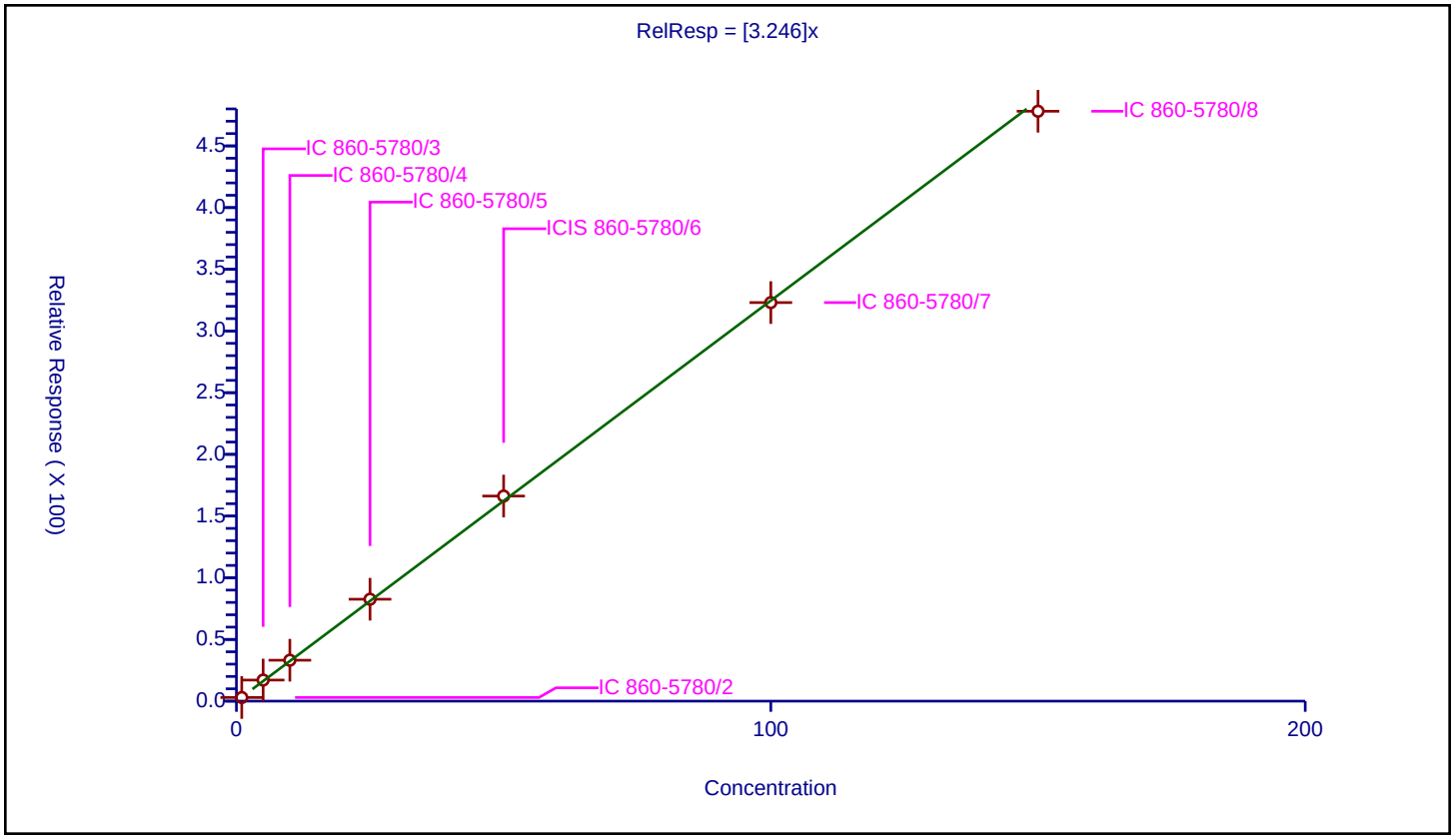
Curve Coefficients

Intercept:	0
Slope:	3.246

Error Coefficients

Standard Error:	1340000
Relative Standard Error:	4.7
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	2.942463	50.0	294872.0	2.942463	Y
2	IC 860-5780/3	5.0	17.092271	50.0	288139.0	3.418454	Y
3	IC 860-5780/4	10.0	33.160195	50.0	294080.0	3.316019	Y
4	IC 860-5780/5	25.0	82.591348	50.0	288730.0	3.303654	Y
5	ICIS 860-5780/6	50.0	166.216645	50.0	283838.0	3.324333	Y
6	IC 860-5780/7	100.0	323.035748	50.0	285834.0	3.230357	Y
7	IC 860-5780/8	150.0	478.09494	50.0	261556.0	3.1873	Y



Calibration / 1,3,5-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

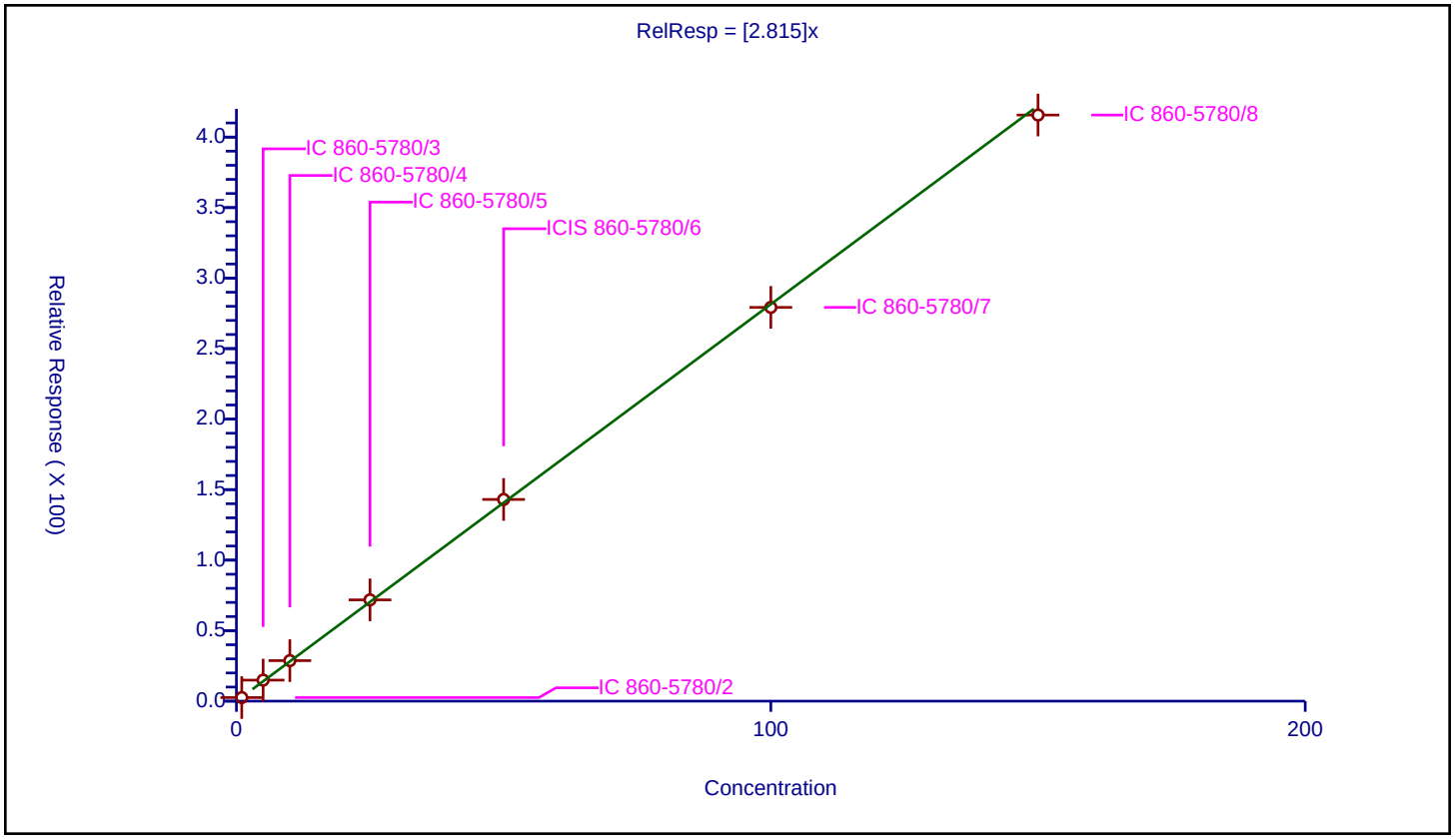
Curve Coefficients

Intercept:	0
Slope:	2.815

Error Coefficients

Standard Error:	1160000
Relative Standard Error:	4.8
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	2.548563	50.0	294872.0	2.548563	Y
2	IC 860-5780/3	5.0	14.918321	50.0	288139.0	2.983664	Y
3	IC 860-5780/4	10.0	28.728917	50.0	294080.0	2.872892	Y
4	IC 860-5780/5	25.0	71.818135	50.0	288730.0	2.872725	Y
5	ICIS 860-5780/6	50.0	143.02648	50.0	283838.0	2.86053	Y
6	IC 860-5780/7	100.0	279.234626	50.0	285834.0	2.792346	Y
7	IC 860-5780/8	150.0	415.63604	50.0	261556.0	2.770907	Y



Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

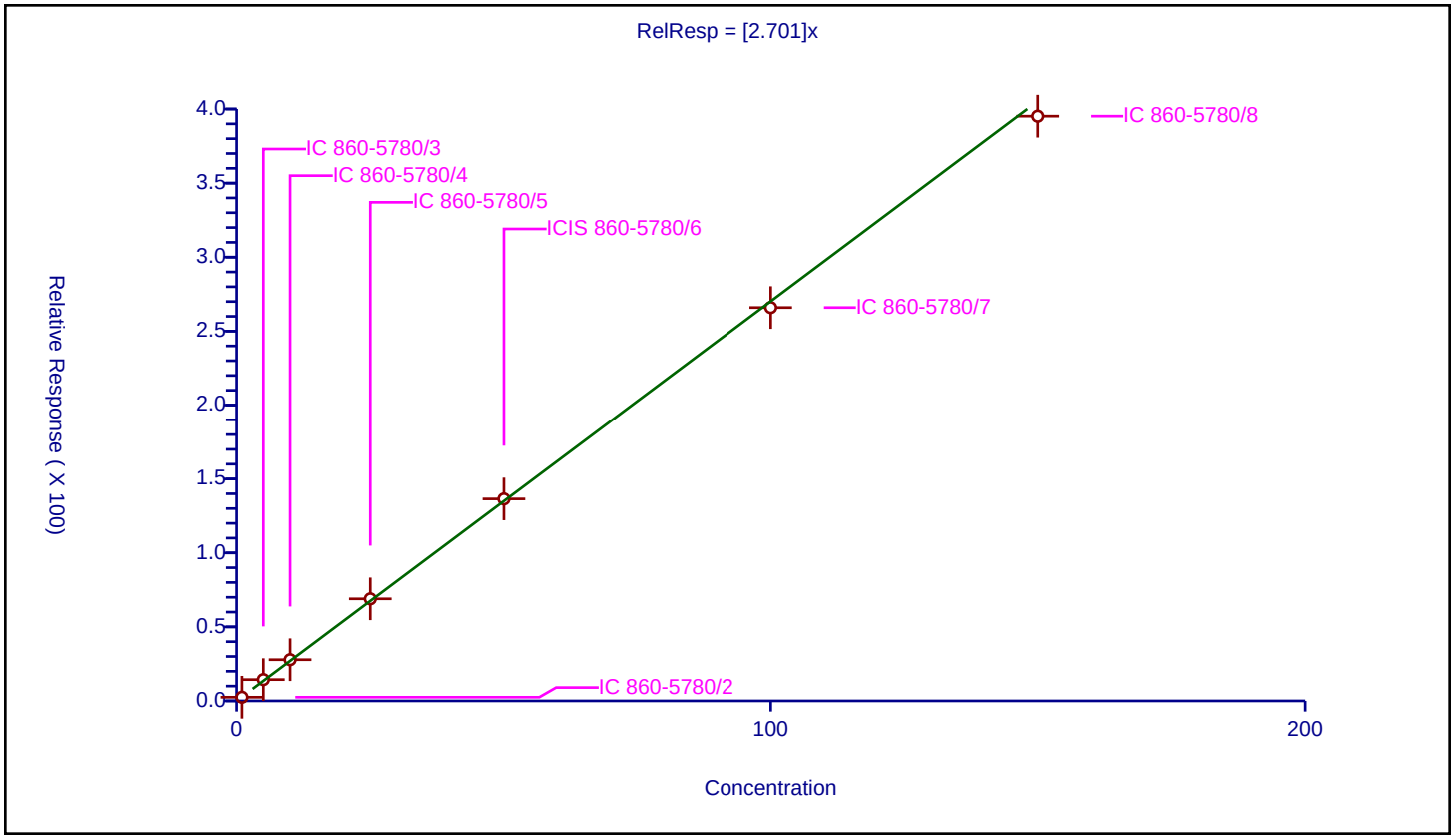
Curve Coefficients

Intercept:	0
Slope:	2.701

Error Coefficients

Standard Error:	1110000
Relative Standard Error:	4.7
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	2.472768	50.0	294872.0	2.472768	Y
2	IC 860-5780/3	5.0	14.366504	50.0	288139.0	2.873301	Y
3	IC 860-5780/4	10.0	27.822361	50.0	294080.0	2.782236	Y
4	IC 860-5780/5	25.0	68.95456	50.0	288730.0	2.758182	Y
5	ICIS 860-5780/6	50.0	136.512024	50.0	283838.0	2.73024	Y
6	IC 860-5780/7	100.0	265.925152	50.0	285834.0	2.659252	Y
7	IC 860-5780/8	150.0	395.153046	50.0	261556.0	2.634354	Y



Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

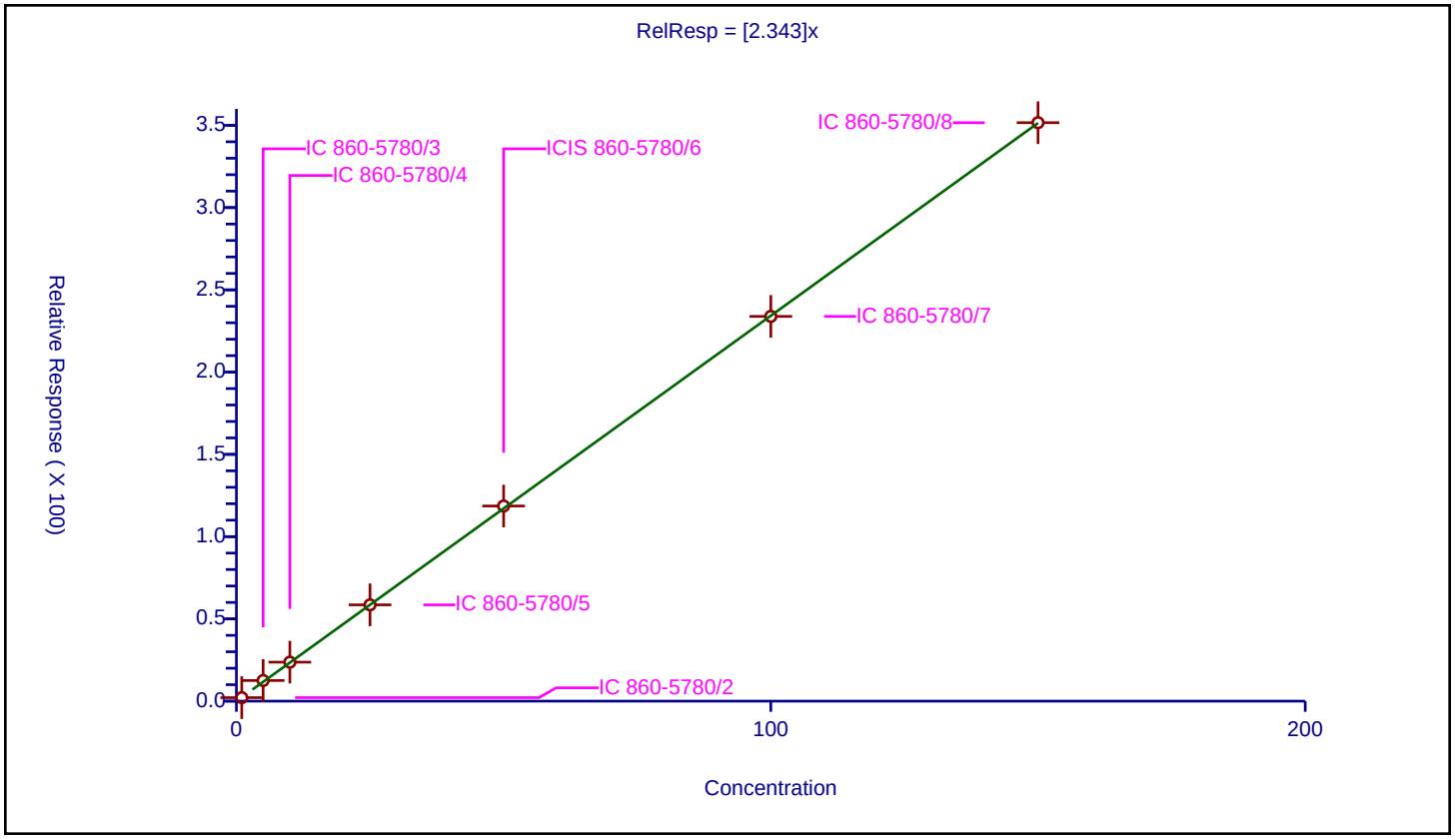
Curve Coefficients

Intercept:	0
Slope:	2.343

Error Coefficients

Standard Error:	980000
Relative Standard Error:	4.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	2.124142	50.0	294872.0	2.124142	Y
2	IC 860-5780/3	5.0	12.543772	50.0	288139.0	2.508754	Y
3	IC 860-5780/4	10.0	23.695933	50.0	294080.0	2.369593	Y
4	IC 860-5780/5	25.0	58.528729	50.0	288730.0	2.341149	Y
5	ICIS 860-5780/6	50.0	118.615901	50.0	283838.0	2.372318	Y
6	IC 860-5780/7	100.0	233.874557	50.0	285834.0	2.338746	Y
7	IC 860-5780/8	150.0	351.614759	50.0	261556.0	2.344098	Y



Calibration / 1,2,4-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

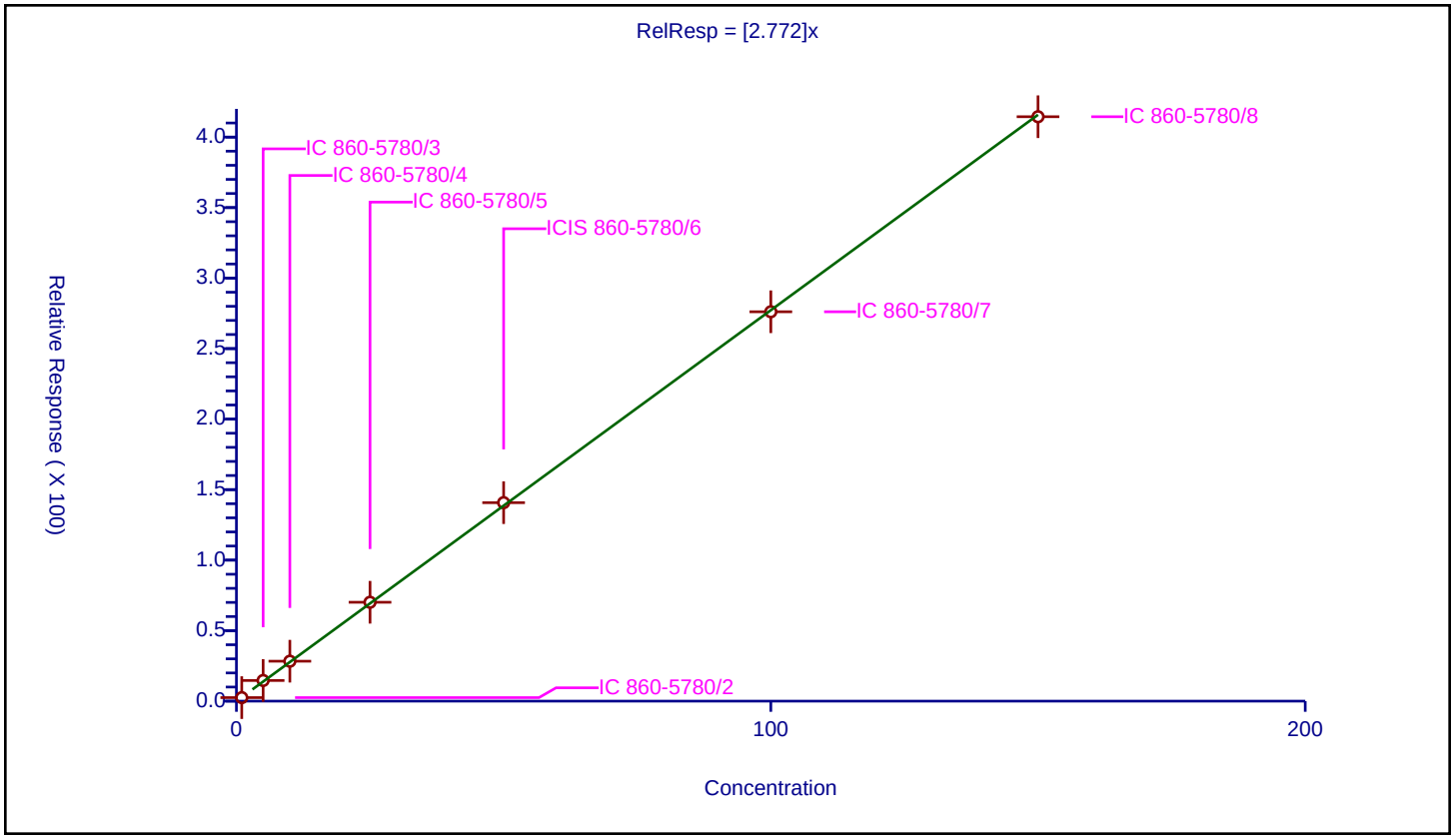
Curve Coefficients

Intercept:	0
Slope:	2.772

Error Coefficients

Standard Error:	1160000
Relative Standard Error:	4.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	2.499898	50.0	294872.0	2.499898	Y
2	IC 860-5780/3	5.0	14.651262	50.0	288139.0	2.930252	Y
3	IC 860-5780/4	10.0	28.313554	50.0	294080.0	2.831355	Y
4	IC 860-5780/5	25.0	70.123991	50.0	288730.0	2.80496	Y
5	ICIS 860-5780/6	50.0	140.753	50.0	283838.0	2.81506	Y
6	IC 860-5780/7	100.0	276.123554	50.0	285834.0	2.761236	Y
7	IC 860-5780/8	150.0	414.454266	50.0	261556.0	2.763028	Y



Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

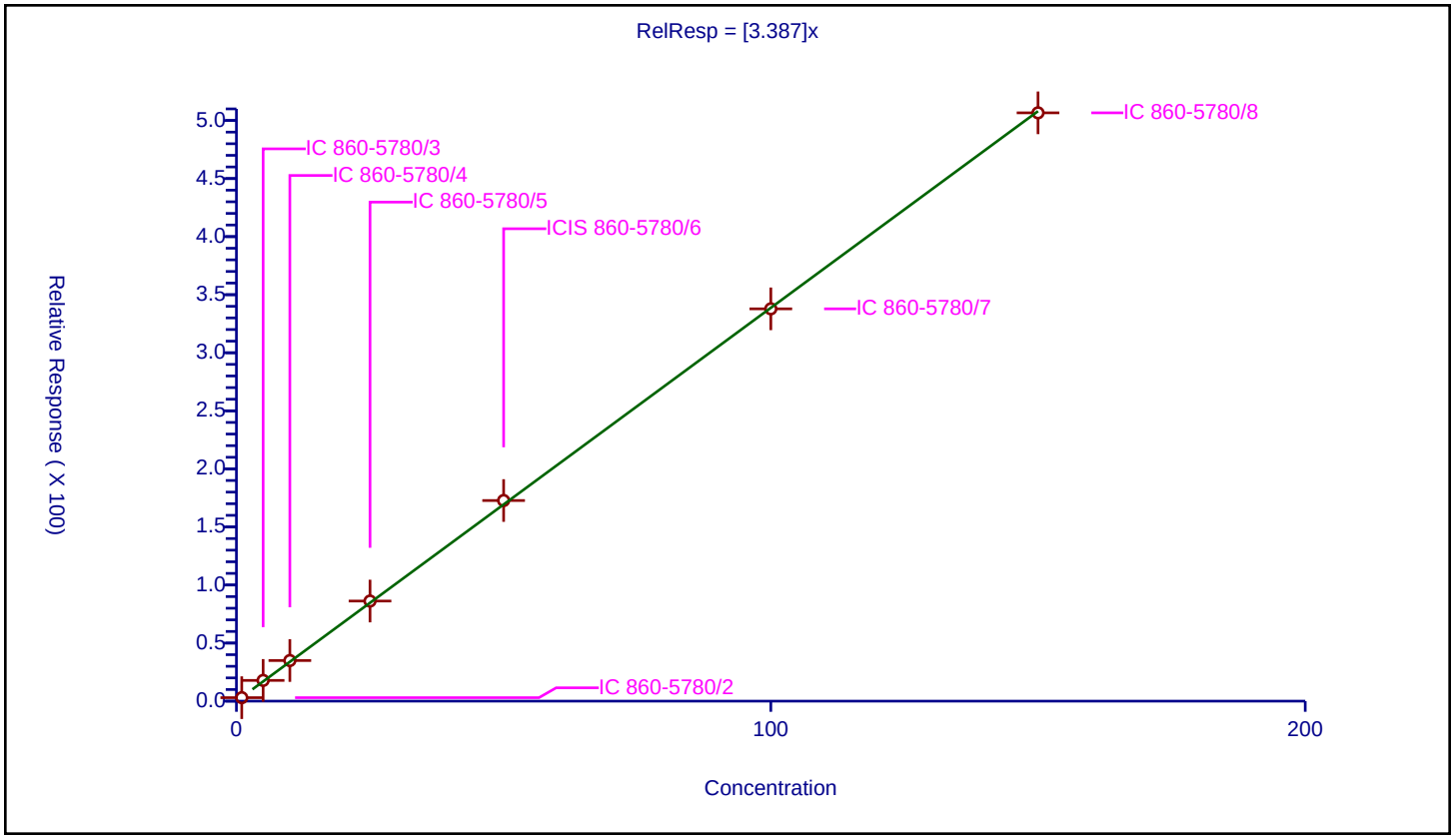
Curve Coefficients

Intercept:	0
Slope:	3.387

Error Coefficients

Standard Error:	1410000
Relative Standard Error:	5.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	2.982989	50.0	294872.0	2.982989	Y
2	IC 860-5780/3	5.0	17.853189	50.0	288139.0	3.570638	Y
3	IC 860-5780/4	10.0	34.954264	50.0	294080.0	3.495426	Y
4	IC 860-5780/5	25.0	86.200429	50.0	288730.0	3.448017	Y
5	ICIS 860-5780/6	50.0	172.758757	50.0	283838.0	3.455175	Y
6	IC 860-5780/7	100.0	337.818979	50.0	285834.0	3.37819	Y
7	IC 860-5780/8	150.0	506.607572	50.0	261556.0	3.377384	Y



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

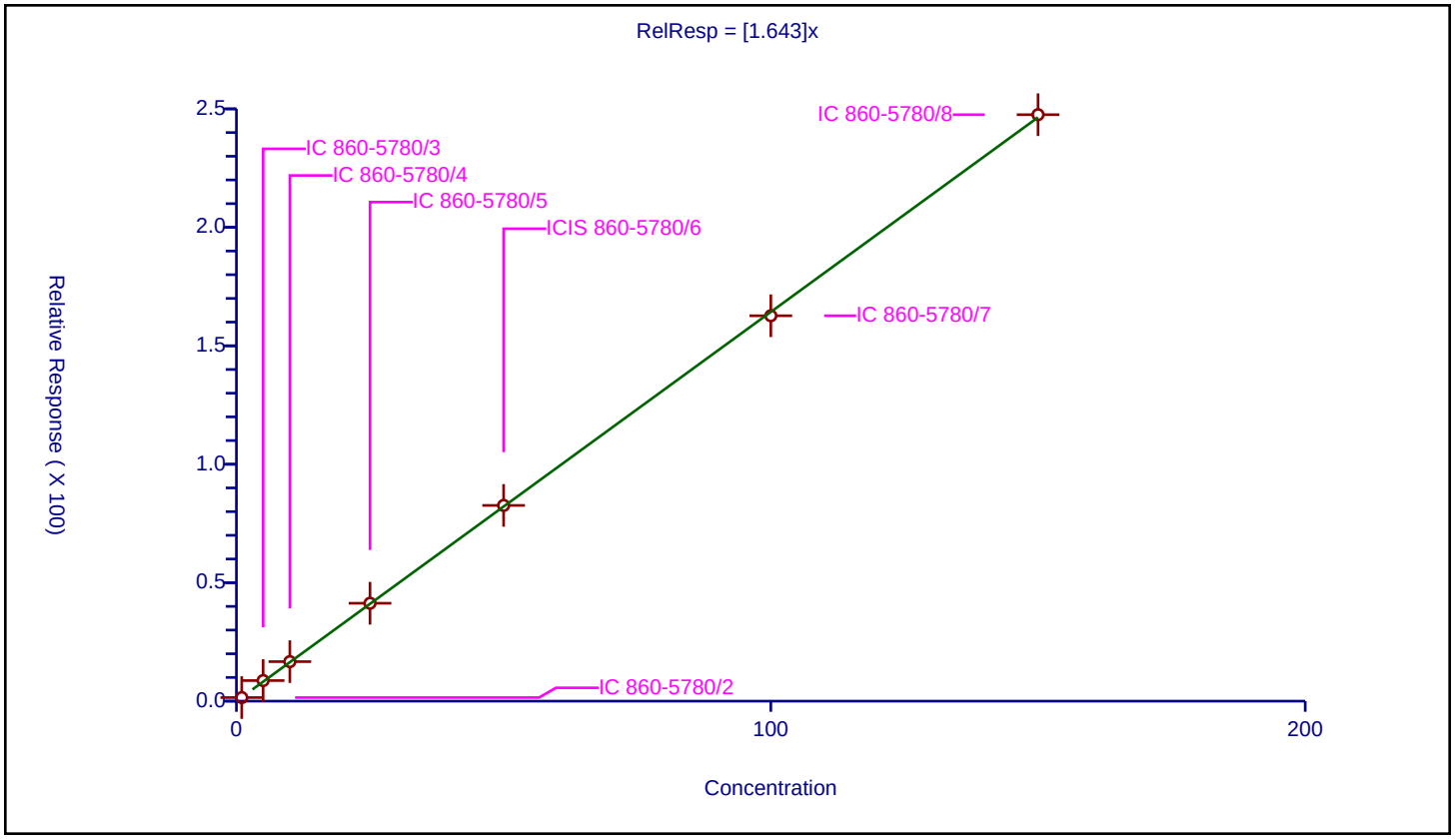
Curve Coefficients

Intercept:	0
Slope:	1.643

Error Coefficients

Standard Error:	687000
Relative Standard Error:	4.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	1.512182	50.0	294872.0	1.512182	Y
2	IC 860-5780/3	5.0	8.689556	50.0	288139.0	1.737911	Y
3	IC 860-5780/4	10.0	16.677435	50.0	294080.0	1.667743	Y
4	IC 860-5780/5	25.0	41.32217	50.0	288730.0	1.652887	Y
5	ICIS 860-5780/6	50.0	82.613498	50.0	283838.0	1.65227	Y
6	IC 860-5780/7	100.0	162.680787	50.0	285834.0	1.626808	Y
7	IC 860-5780/8	150.0	247.550238	50.0	261556.0	1.650335	Y



Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

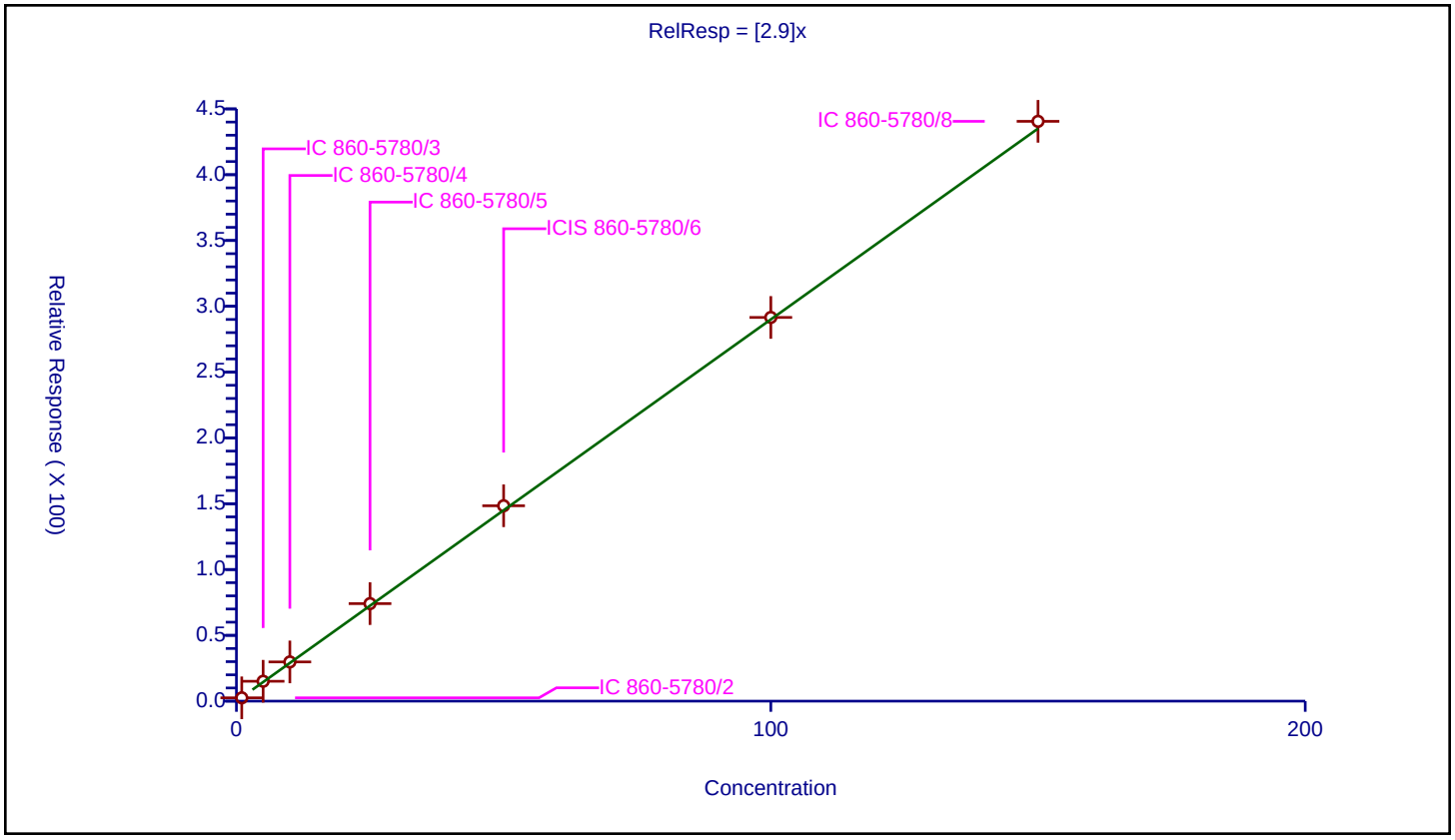
Curve Coefficients

Intercept:	0
Slope:	2.9

Error Coefficients

Standard Error:	1230000
Relative Standard Error:	6.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	2.513972	50.0	294872.0	2.513972	Y
2	IC 860-5780/3	5.0	15.115101	50.0	288139.0	3.02302	Y
3	IC 860-5780/4	10.0	29.795634	50.0	294080.0	2.979563	Y
4	IC 860-5780/5	25.0	74.096907	50.0	288730.0	2.963876	Y
5	ICIS 860-5780/6	50.0	148.445592	50.0	283838.0	2.968912	Y
6	IC 860-5780/7	100.0	291.537571	50.0	285834.0	2.915376	Y
7	IC 860-5780/8	150.0	440.541796	50.0	261556.0	2.936945	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

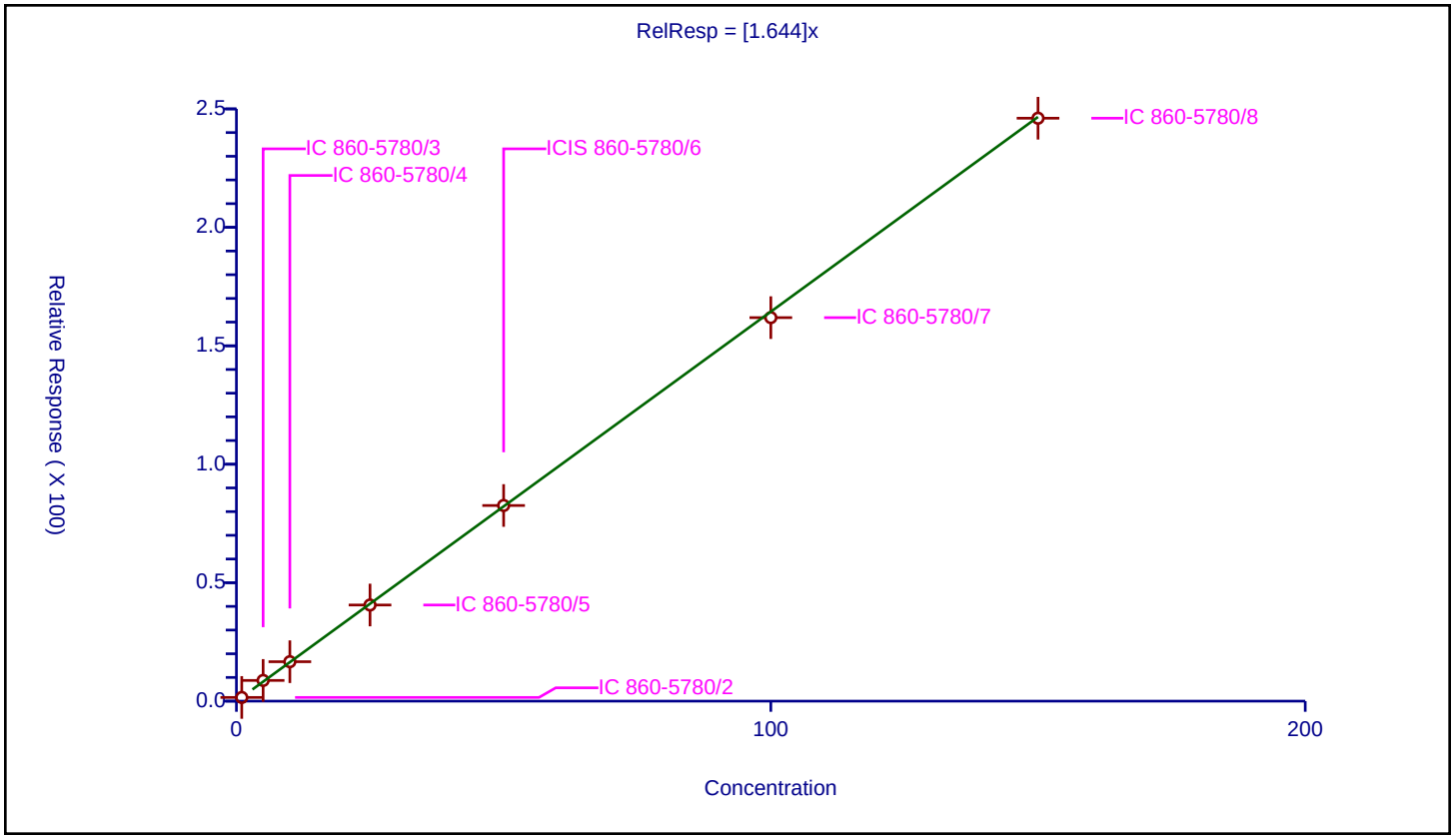
Curve Coefficients

Intercept:	0
Slope:	1.644

Error Coefficients

Standard Error:	683000
Relative Standard Error:	3.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	1.561016	50.0	294872.0	1.561016	Y
2	IC 860-5780/3	5.0	8.740747	50.0	288139.0	1.748149	Y
3	IC 860-5780/4	10.0	16.647511	50.0	294080.0	1.664751	Y
4	IC 860-5780/5	25.0	40.586015	50.0	288730.0	1.623441	Y
5	ICIS 860-5780/6	50.0	82.586017	50.0	283838.0	1.65172	Y
6	IC 860-5780/7	100.0	161.893442	50.0	285834.0	1.618934	Y
7	IC 860-5780/8	150.0	246.061646	50.0	261556.0	1.640411	Y



Calibration / Dicyclopentadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

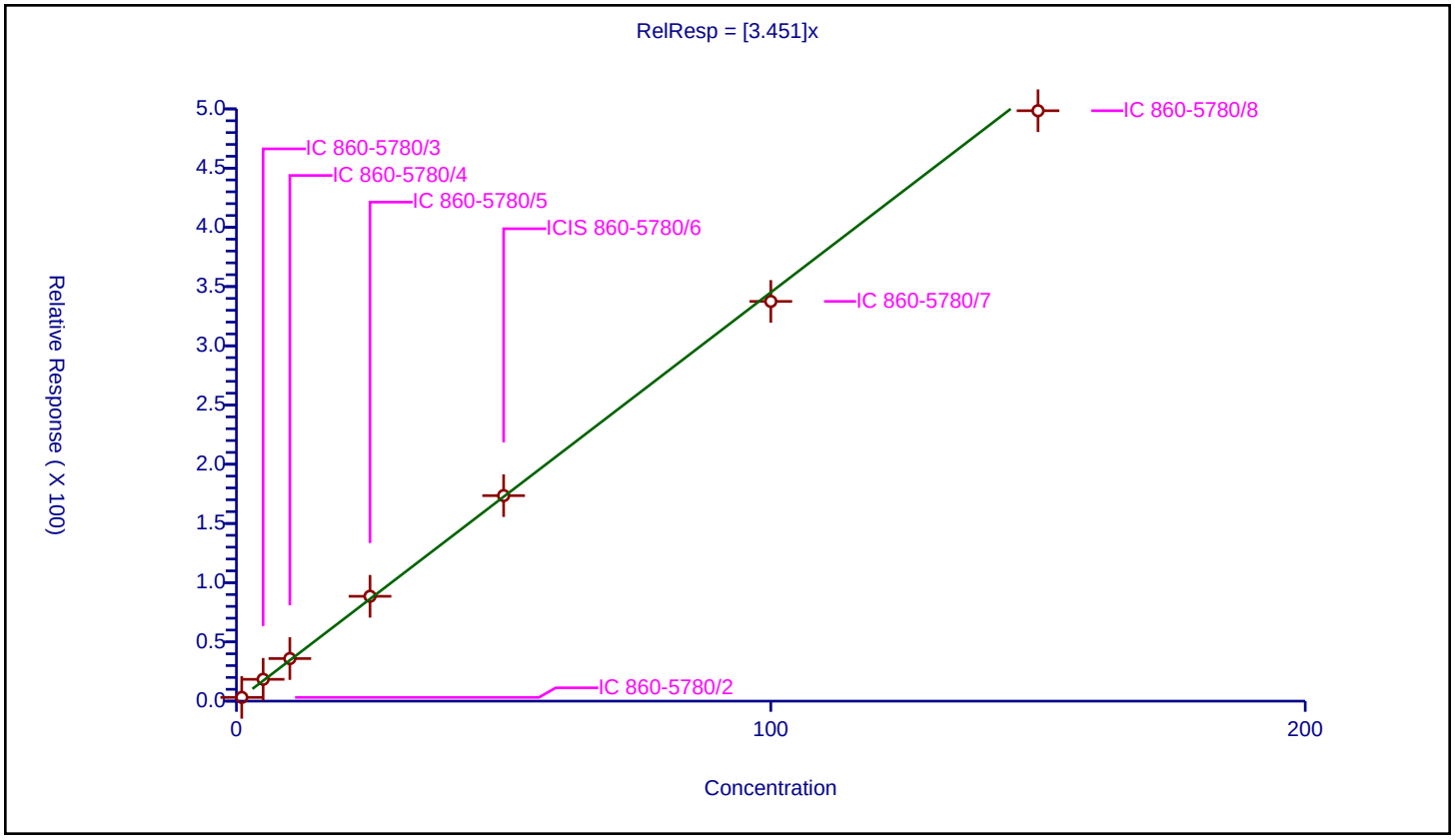
Curve Coefficients

Intercept:	0
Slope:	3.451

Error Coefficients

Standard Error:	1400000
Relative Standard Error:	5.1
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	3.168324	50.0	294872.0	3.168324	Y
2	IC 860-5780/3	5.0	18.430514	50.0	288139.0	3.686103	Y
3	IC 860-5780/4	10.0	35.9341	50.0	294080.0	3.59341	Y
4	IC 860-5780/5	25.0	88.515395	50.0	288730.0	3.540616	Y
5	ICIS 860-5780/6	50.0	173.515703	50.0	283838.0	3.470314	Y
6	IC 860-5780/7	100.0	337.464227	50.0	285834.0	3.374642	Y
7	IC 860-5780/8	150.0	498.456354	50.0	261556.0	3.323042	Y



Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

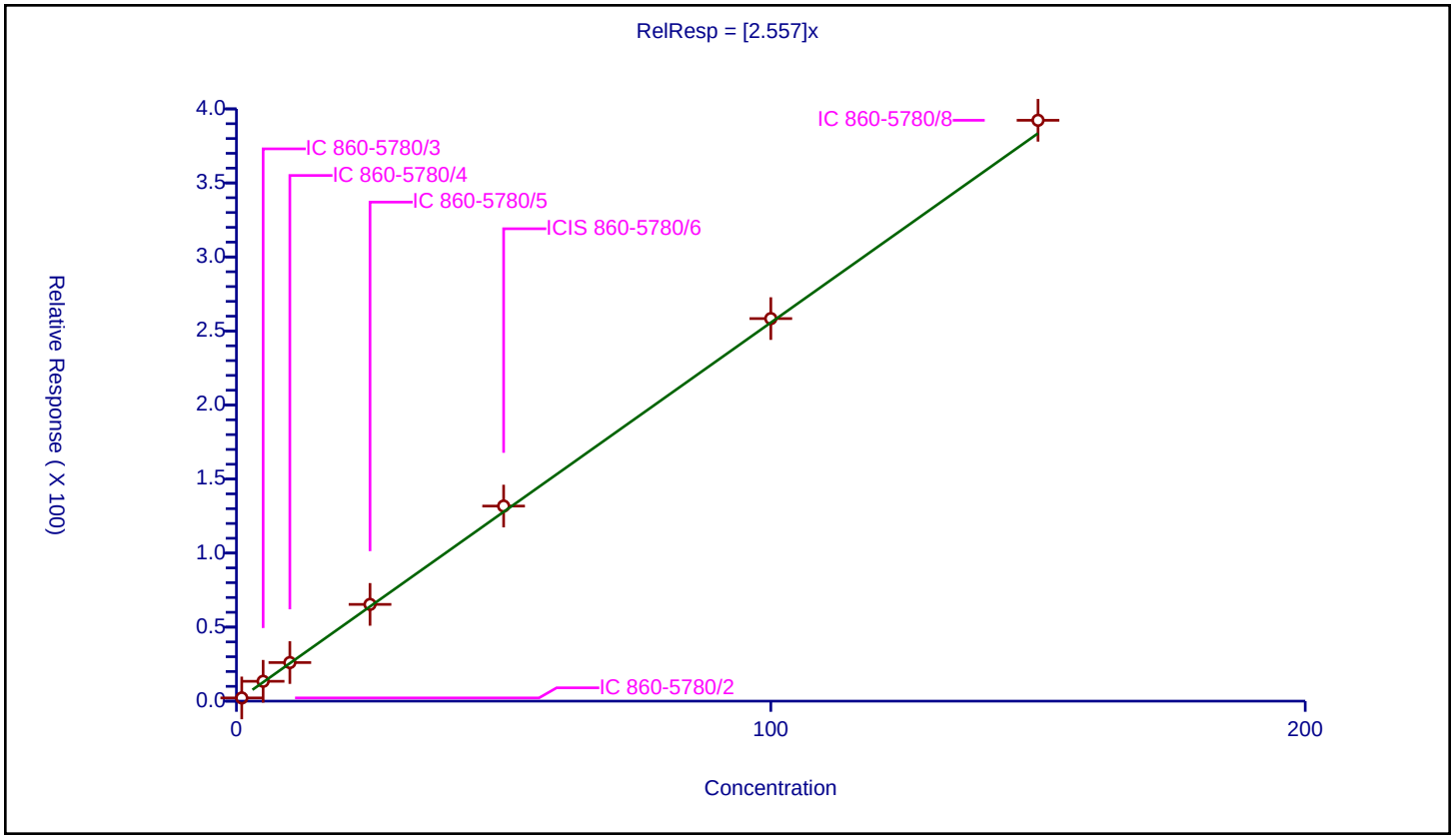
Curve Coefficients

Intercept:	0
Slope:	2.557

Error Coefficients

Standard Error:	1090000
Relative Standard Error:	6.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	2.162972	50.0	294872.0	2.162972	Y
2	IC 860-5780/3	5.0	13.402212	50.0	288139.0	2.680442	Y
3	IC 860-5780/4	10.0	26.055495	50.0	294080.0	2.60555	Y
4	IC 860-5780/5	25.0	65.335261	50.0	288730.0	2.61341	Y
5	ICIS 860-5780/6	50.0	131.747863	50.0	283838.0	2.634957	Y
6	IC 860-5780/7	100.0	258.374791	50.0	285834.0	2.583748	Y
7	IC 860-5780/8	150.0	392.307766	50.0	261556.0	2.615385	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

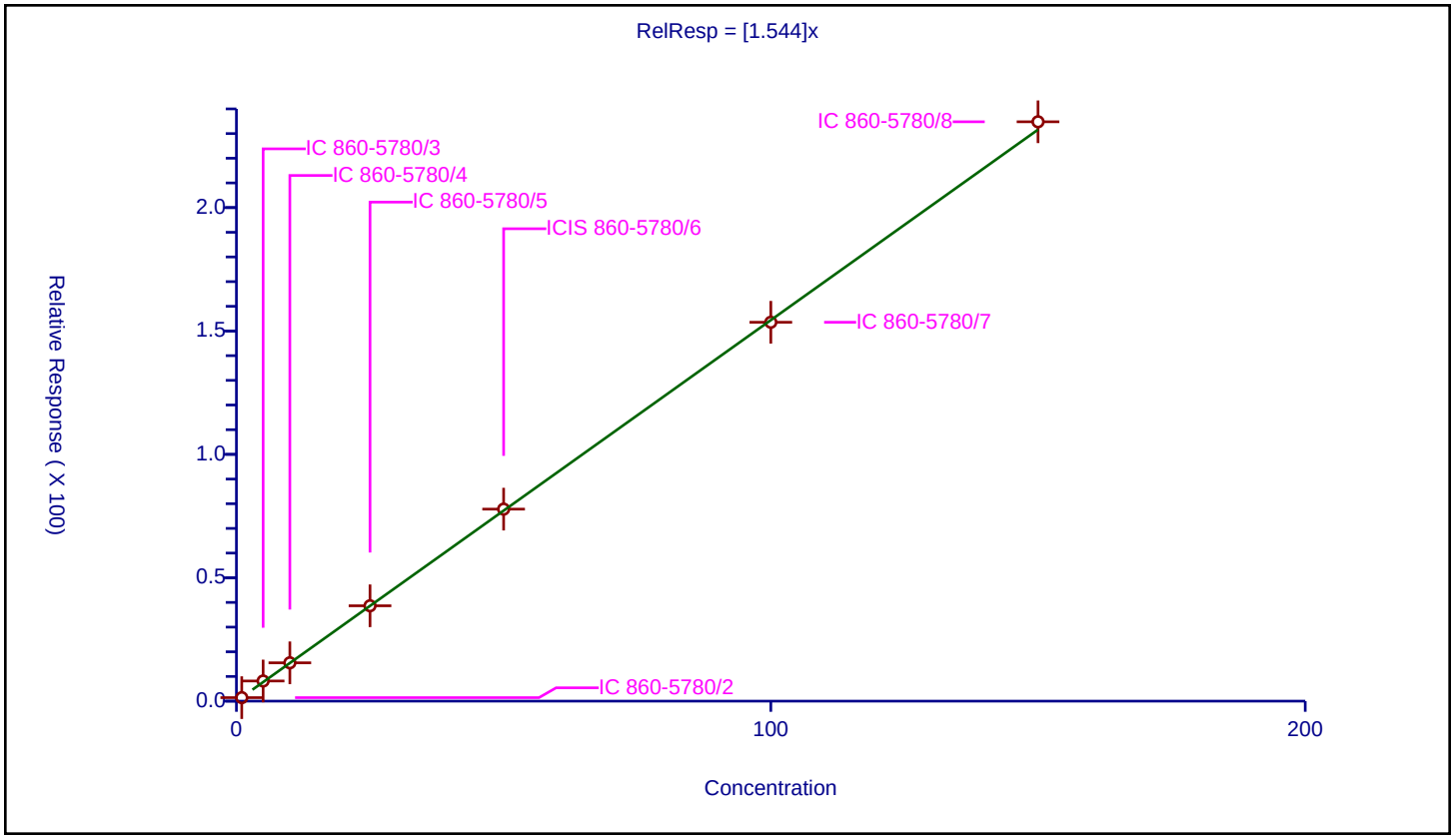
Curve Coefficients

Intercept:	0
Slope:	1.544

Error Coefficients

Standard Error:	650000
Relative Standard Error:	4.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	1.417734	50.0	294872.0	1.417734	Y
2	IC 860-5780/3	5.0	8.16533	50.0	288139.0	1.633066	Y
3	IC 860-5780/4	10.0	15.541689	50.0	294080.0	1.554169	Y
4	IC 860-5780/5	25.0	38.64562	50.0	288730.0	1.545825	Y
5	ICIS 860-5780/6	50.0	77.809877	50.0	283838.0	1.556198	Y
6	IC 860-5780/7	100.0	153.540167	50.0	285834.0	1.535402	Y
7	IC 860-5780/8	150.0	234.777065	50.0	261556.0	1.56518	Y



Calibration / 1,2-Dibromo-3-Chloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

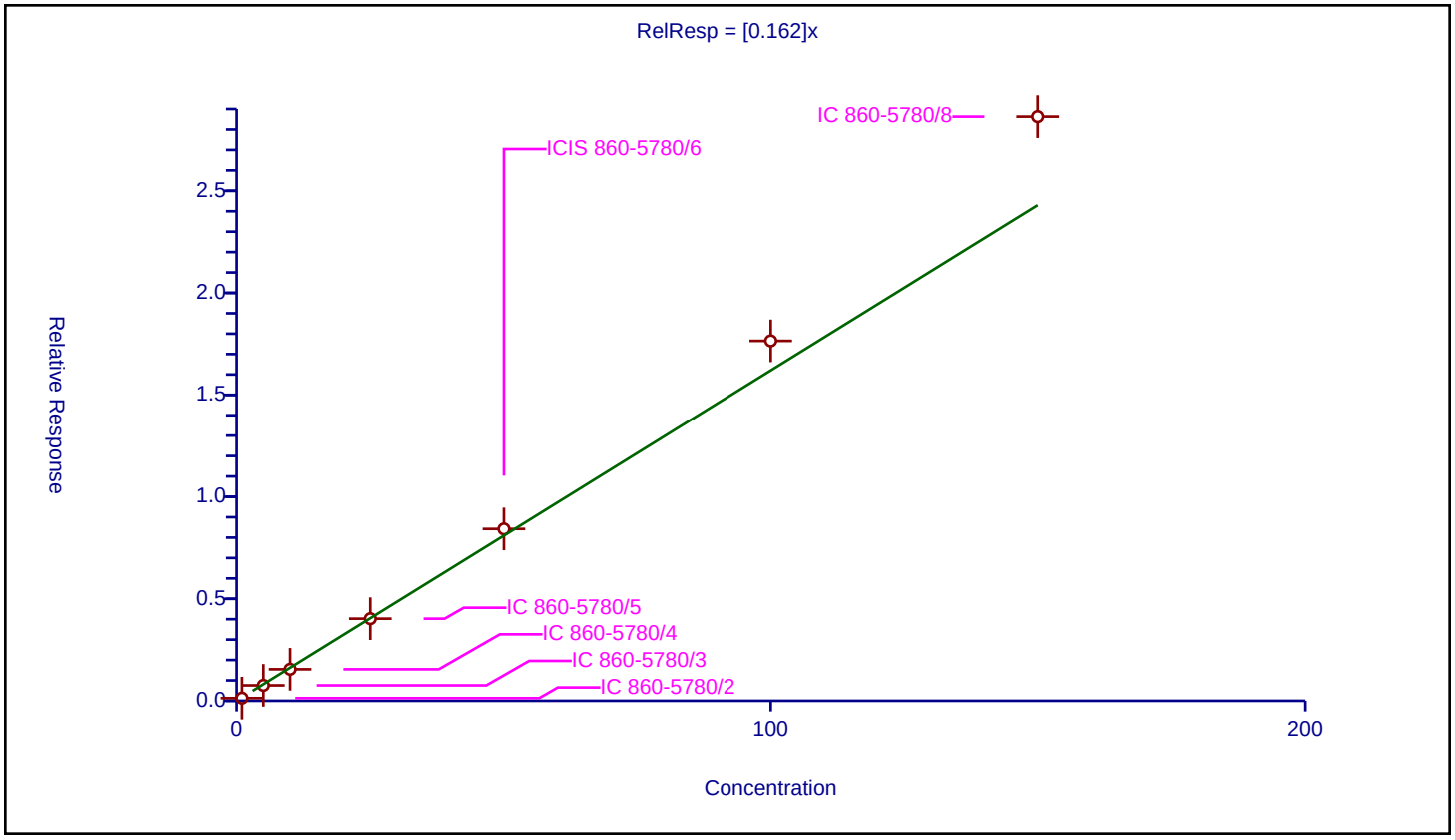
Curve Coefficients

Intercept:	0
Slope:	0.162

Error Coefficients

Standard Error:	76900
Relative Standard Error:	11.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	0.131413	50.0	294872.0	0.131413	Y
2	IC 860-5780/3	5.0	0.755365	50.0	288139.0	0.151073	Y
3	IC 860-5780/4	10.0	1.544818	50.0	294080.0	0.154482	Y
4	IC 860-5780/5	25.0	4.026426	50.0	288730.0	0.161057	Y
5	ICIS 860-5780/6	50.0	8.425052	50.0	283838.0	0.168501	Y
6	IC 860-5780/7	100.0	17.64818	50.0	285834.0	0.176482	Y
7	IC 860-5780/8	150.0	28.62886	50.0	261556.0	0.190859	Y



Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

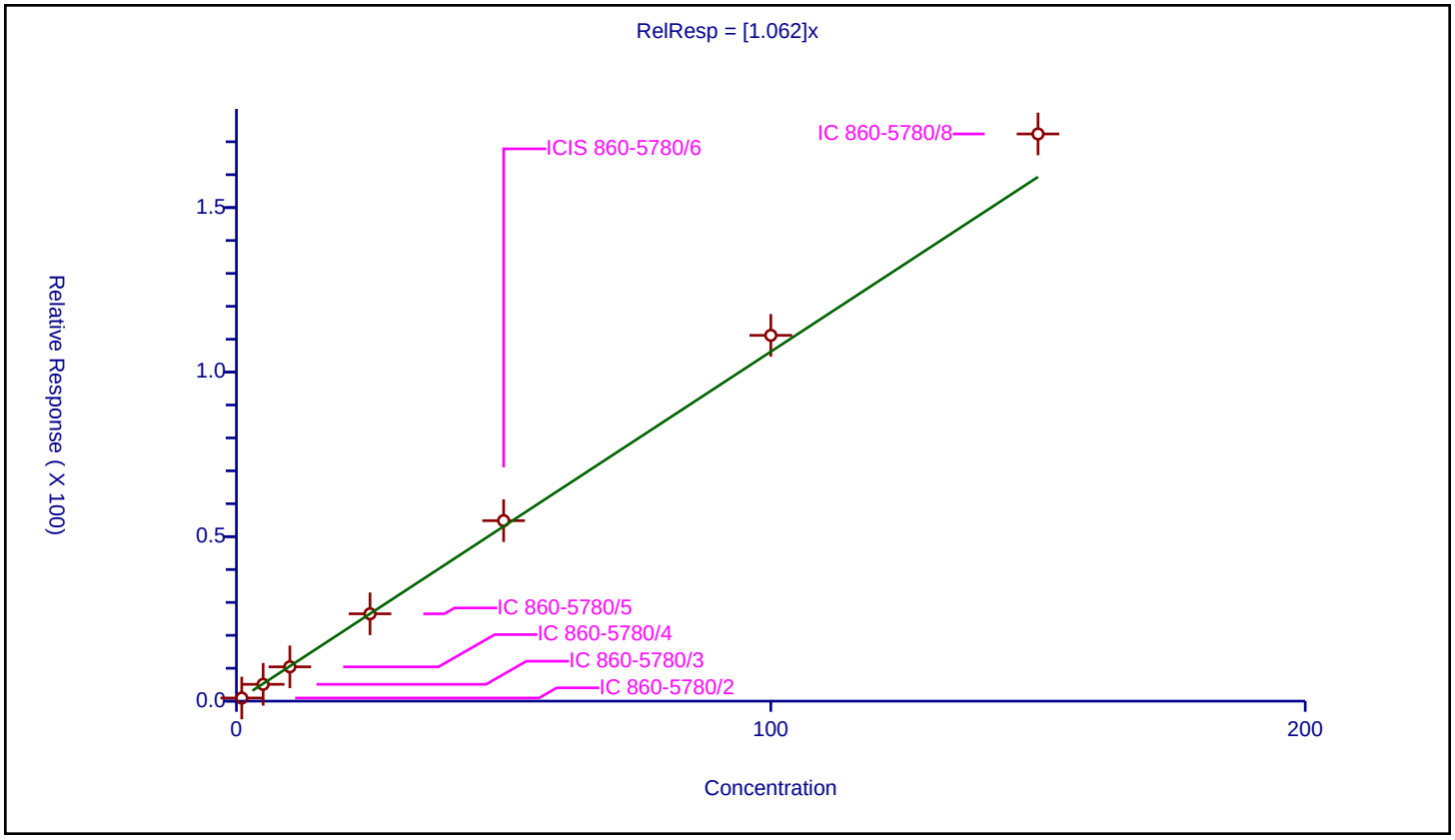
Curve Coefficients

Intercept:	0
Slope:	1.062

Error Coefficients

Standard Error:	473000
Relative Standard Error:	6.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	0.950243	50.0	294872.0	0.950243	Y
2	IC 860-5780/3	5.0	5.110381	50.0	288139.0	1.022076	Y
3	IC 860-5780/4	10.0	10.430665	50.0	294080.0	1.043067	Y
4	IC 860-5780/5	25.0	26.544349	50.0	288730.0	1.061774	Y
5	ICIS 860-5780/6	50.0	54.855234	50.0	283838.0	1.097105	Y
6	IC 860-5780/7	100.0	111.179741	50.0	285834.0	1.111797	Y
7	IC 860-5780/8	150.0	172.380484	50.0	261556.0	1.149203	Y



Calibration / Hexachlorobutadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

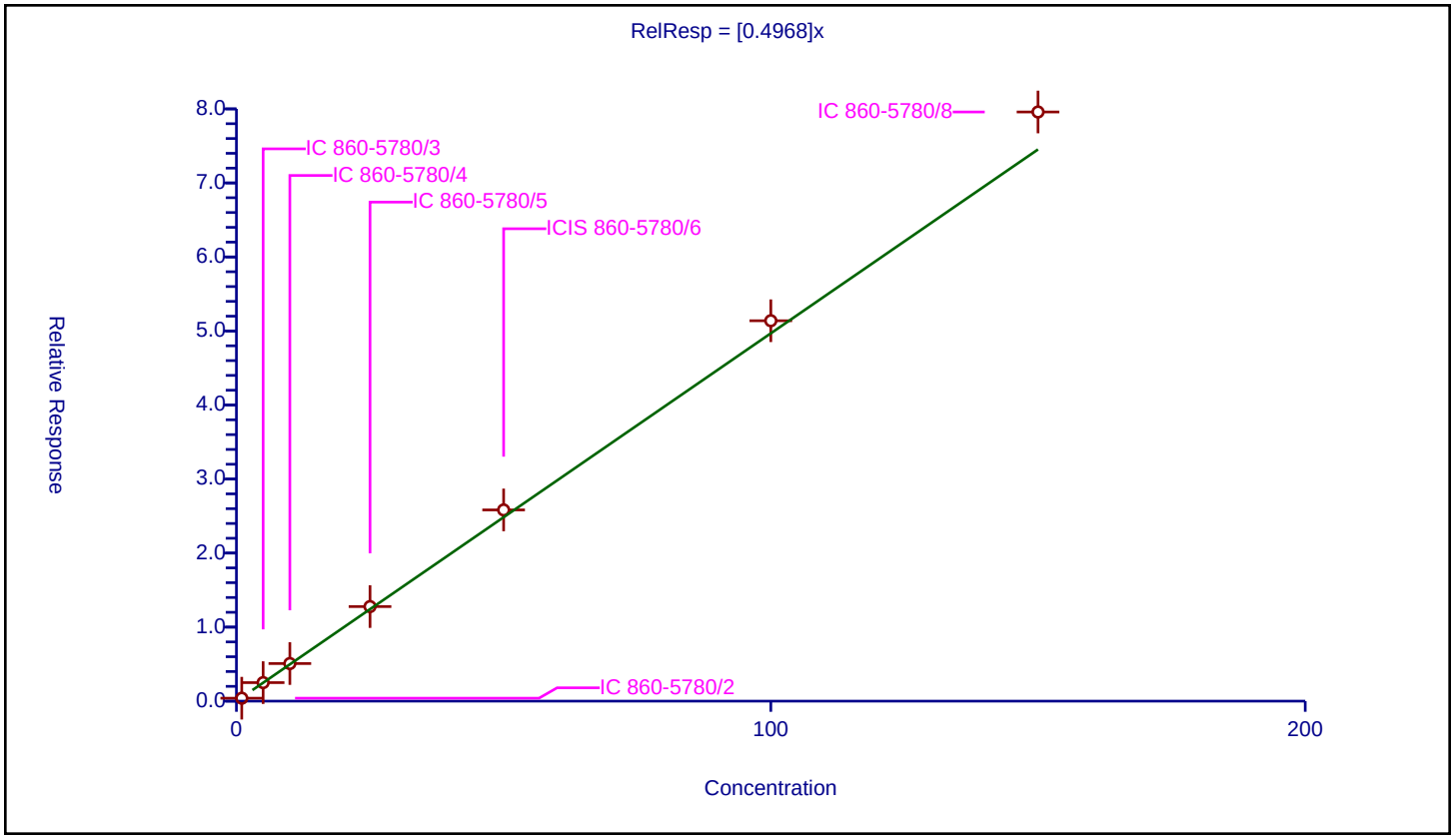
Curve Coefficients

Intercept:	0
Slope:	0.4968

Error Coefficients

Standard Error:	219000
Relative Standard Error:	9.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	0.397461	50.0	294872.0	0.397461	Y
2	IC 860-5780/3	5.0	2.503653	50.0	288139.0	0.500731	Y
3	IC 860-5780/4	10.0	5.07685	50.0	294080.0	0.507685	Y
4	IC 860-5780/5	25.0	12.775257	50.0	288730.0	0.51101	Y
5	ICIS 860-5780/6	50.0	25.828818	50.0	283838.0	0.516576	Y
6	IC 860-5780/7	100.0	51.38542	50.0	285834.0	0.513854	Y
7	IC 860-5780/8	150.0	79.583149	50.0	261556.0	0.530554	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

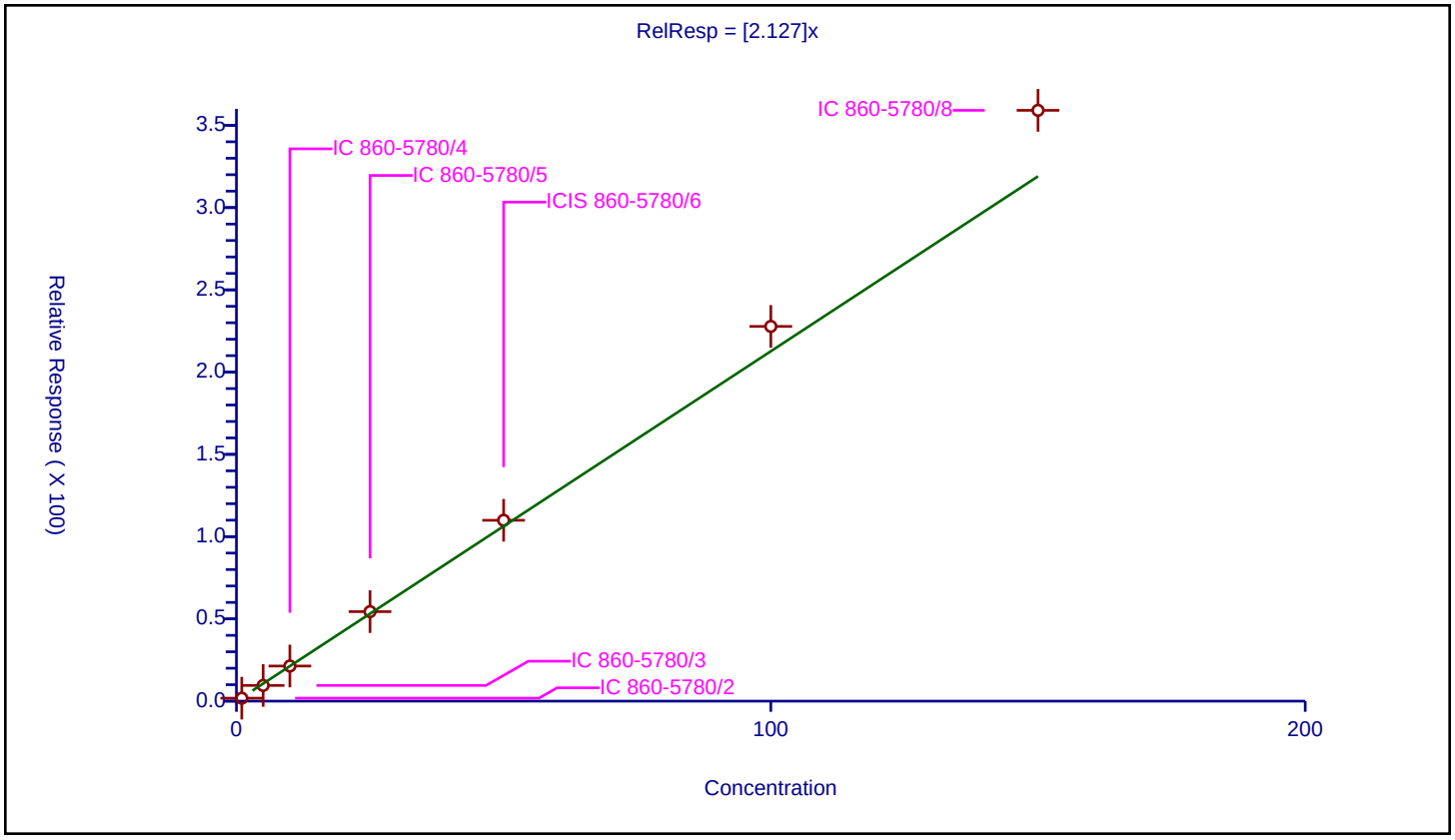
Curve Coefficients

Intercept:	0
Slope:	2.127

Error Coefficients

Standard Error:	977000
Relative Standard Error:	9.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	1.79722	50.0	294872.0	1.79722	Y
2	IC 860-5780/3	5.0	9.542096	50.0	288139.0	1.908419	Y
3	IC 860-5780/4	10.0	21.349123	50.0	294080.0	2.134912	Y
4	IC 860-5780/5	25.0	54.406019	50.0	288730.0	2.176241	Y
5	ICIS 860-5780/6	50.0	109.940001	50.0	283838.0	2.1988	Y
6	IC 860-5780/7	100.0	227.772588	50.0	285834.0	2.277726	Y
7	IC 860-5780/8	150.0	359.121182	50.0	261556.0	2.394141	Y



Calibration / 1,2,3-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

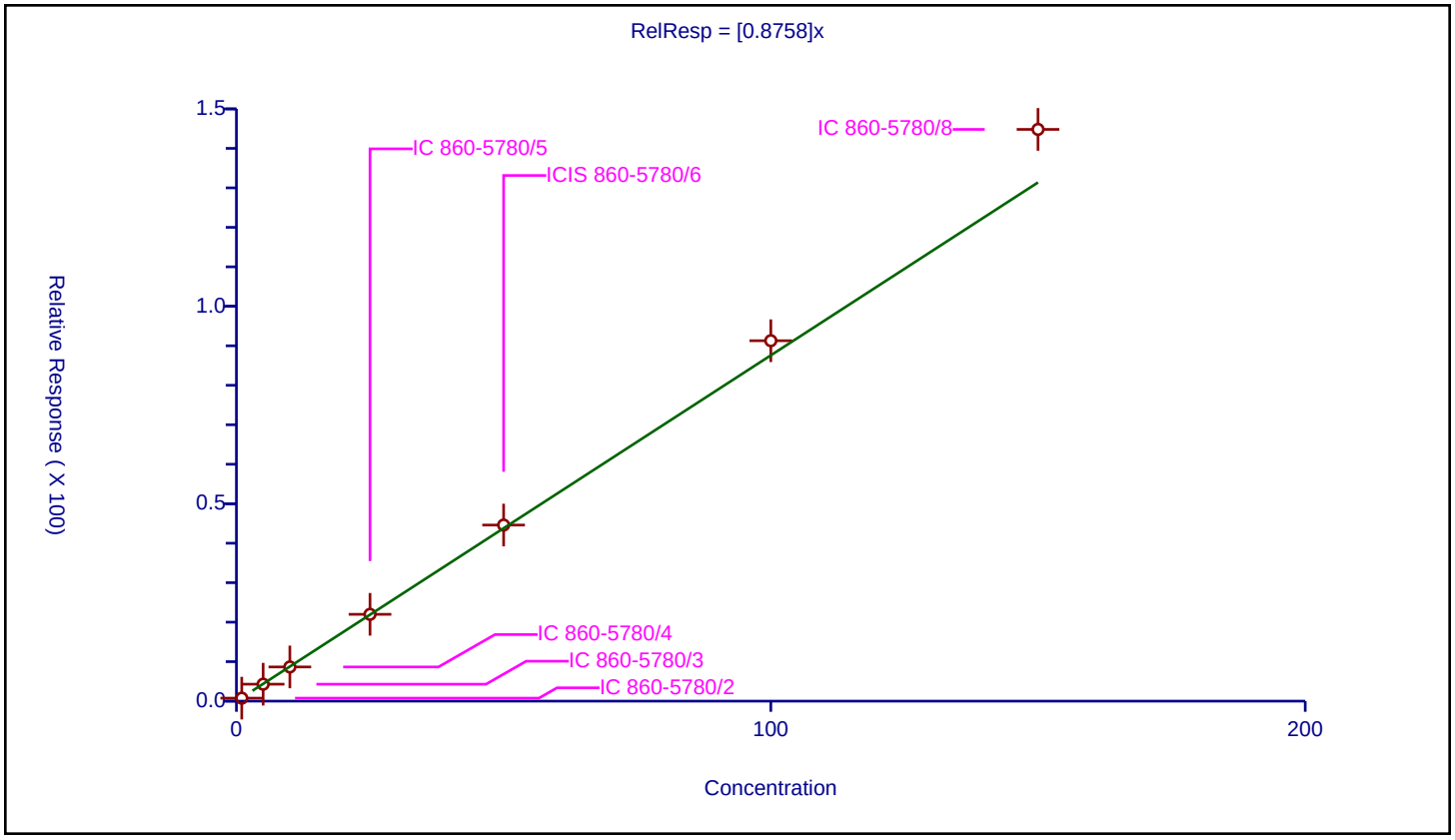
Curve Coefficients

Intercept:	0
Slope:	0.8758

Error Coefficients

Standard Error:	394000
Relative Standard Error:	7.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	0.756769	50.0	294872.0	0.756769	Y
2	IC 860-5780/3	5.0	4.290985	50.0	288139.0	0.858197	Y
3	IC 860-5780/4	10.0	8.660909	50.0	294080.0	0.866091	Y
4	IC 860-5780/5	25.0	21.98819	50.0	288730.0	0.879528	Y
5	ICIS 860-5780/6	50.0	44.601146	50.0	283838.0	0.892023	Y
6	IC 860-5780/7	100.0	91.283402	50.0	285834.0	0.912834	Y
7	IC 860-5780/8	150.0	144.80551	50.0	261556.0	0.96537	Y



Calibration / 2-Methylnaphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

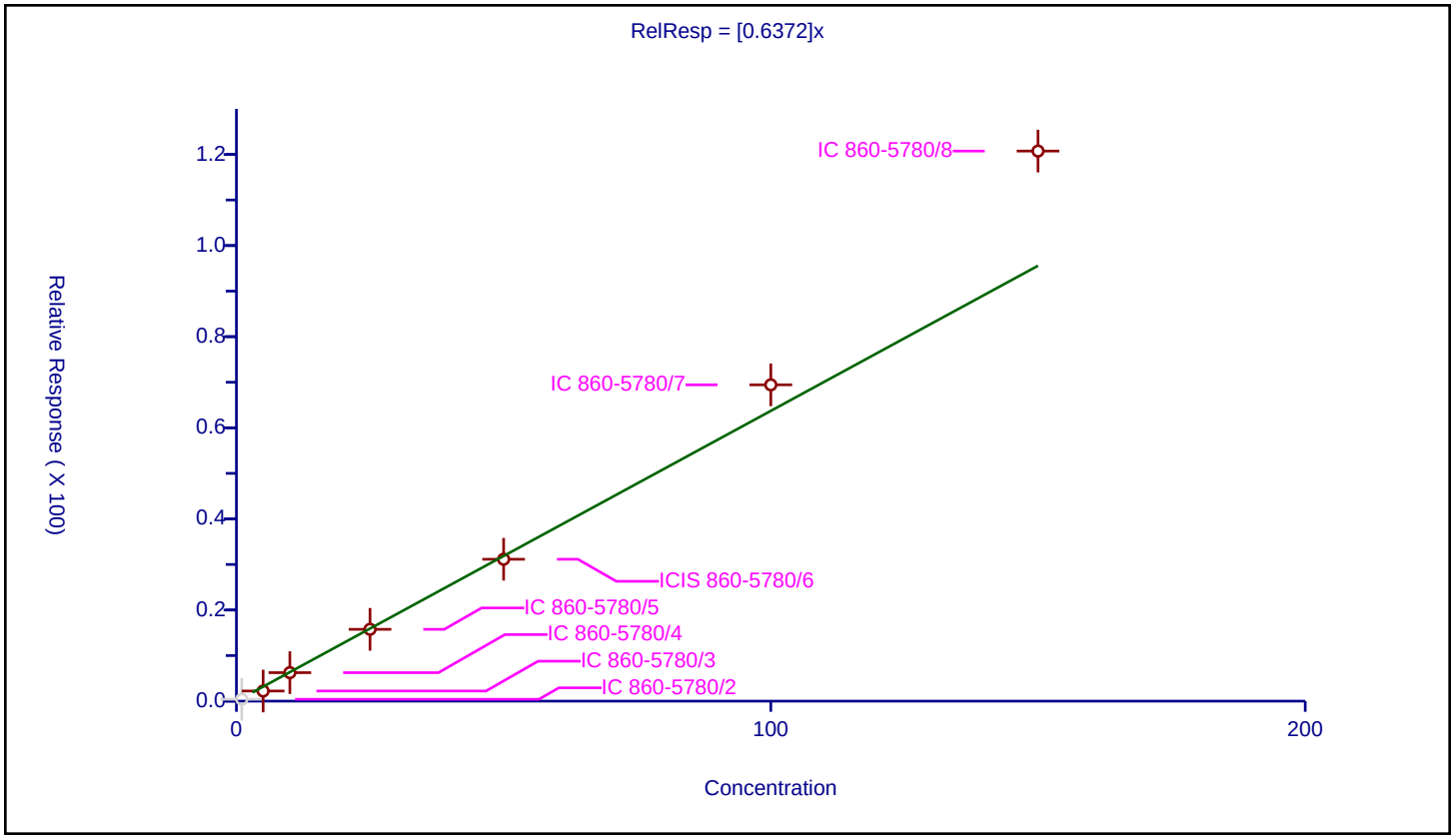
Curve Coefficients

Intercept:	0
Slope:	0.6372

Error Coefficients

Standard Error:	346000
Relative Standard Error:	18.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.960

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	0.414756	50.0	294872.0	0.414756	N
2	IC 860-5780/3	5.0	2.225488	50.0	288139.0	0.445098	Y
3	IC 860-5780/4	10.0	6.25068	50.0	294080.0	0.625068	Y
4	IC 860-5780/5	25.0	15.765248	50.0	288730.0	0.63061	Y
5	ICIS 860-5780/6	50.0	31.143645	50.0	283838.0	0.622873	Y
6	IC 860-5780/7	100.0	69.430159	50.0	285834.0	0.694302	Y
7	IC 860-5780/8	150.0	120.744506	50.0	261556.0	0.804963	Y



Calibration / 1-Methylnaphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

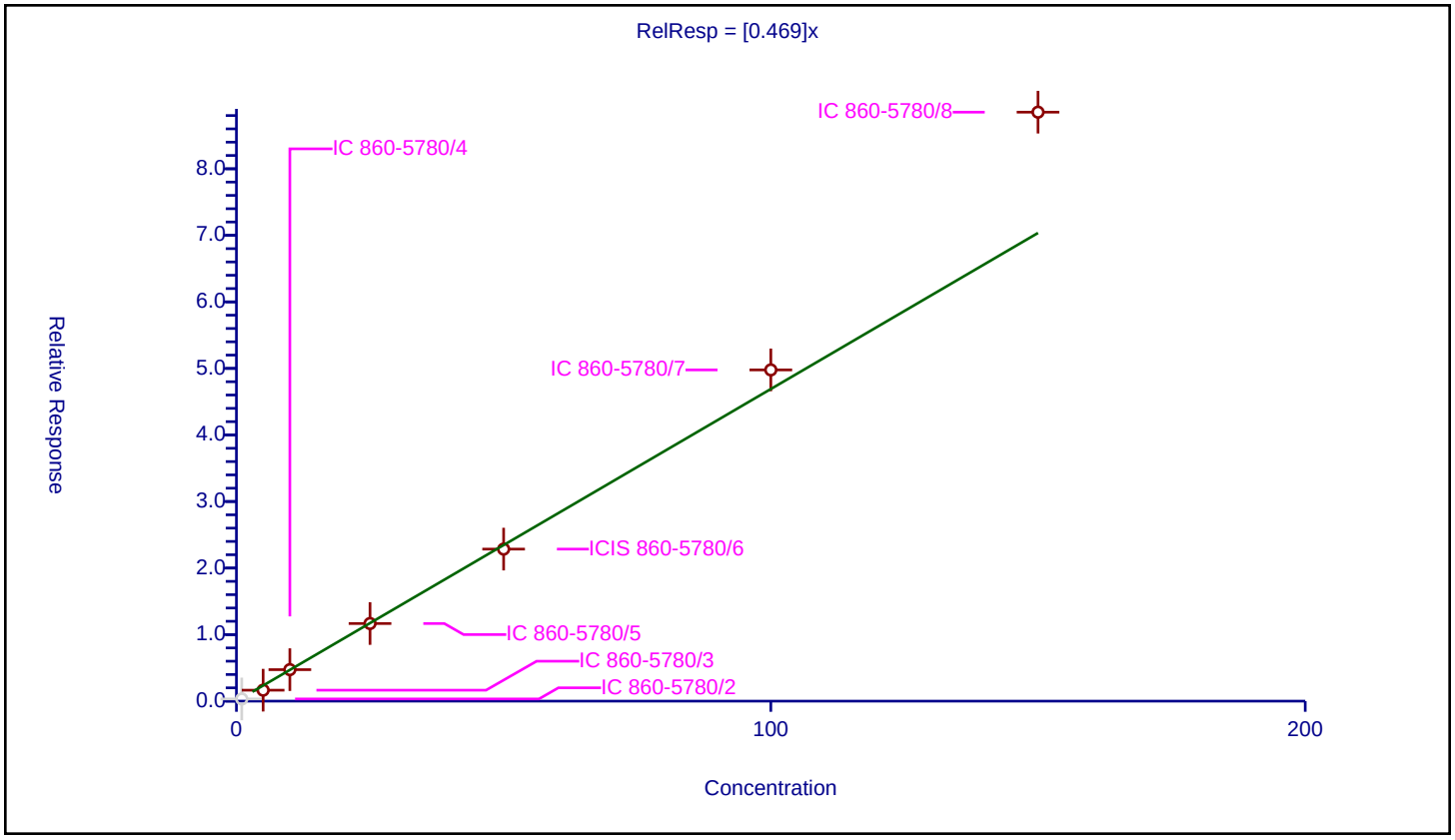
Curve Coefficients

Intercept:	0
Slope:	0.469

Error Coefficients

Standard Error:	252000
Relative Standard Error:	17.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.962

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5780/2	1.0	0.330143	50.0	294872.0	0.330143	N
2	IC 860-5780/3	5.0	1.647469	50.0	288139.0	0.329494	Y
3	IC 860-5780/4	10.0	4.732896	50.0	294080.0	0.47329	Y
4	IC 860-5780/5	25.0	11.666955	50.0	288730.0	0.466678	Y
5	ICIS 860-5780/6	50.0	22.848244	50.0	283838.0	0.456965	Y
6	IC 860-5780/7	100.0	49.775569	50.0	285834.0	0.497756	Y
7	IC 860-5780/8	150.0	88.506477	50.0	261556.0	0.590043	Y



Received by OCD: 3/25/2022 8:51:12 AM

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Stafford Job No.: 860-2789-1 Analy Batch No.: 5288

SDG No.:

Instrument ID: A322 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/27/2021 09:51 Calibration End Date: 04/27/2021 11:49 Calibration ID: 678

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-5288/2	A3224204.D
Level 2	IC 860-5288/3	A3224205.D
Level 3	IC 860-5288/4	A3224206.D
Level 4	IC 860-5288/5	A3224207.D
Level 5	ICIS 860-5288/6	A3224208.D
Level 6	IC 860-5288/7	A3224209.D
Level 7	IC 860-5288/8	A3224210.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Propene	0.7430 0.3495	0.3223 0.3518	0.3663	0.3355	0.3533	Lin1	0.2942	0.3453				17.4			0.9980		0.9900
Dichlorodifluoromethane	0.4190 0.4380	0.3795 0.4296	0.4465	0.4418	0.4597	Ave		0.4306				6.0		20.0			
Chloromethane	0.4530 0.4738	0.4619 0.4736	0.4844	0.4593	0.4726	Ave		0.4684				2.3		20.0			
Vinyl chloride	0.5426 0.5442	0.5003 0.5298	0.5202	0.5277	0.5532	Ave		0.5311				3.3		20.0			
1,3-Butadiene	0.4294 0.4139	0.3306 0.4111	0.3724	0.3857	0.3991	Ave		0.3918				8.4		20.0			
Bromomethane	0.4918 0.4070	0.4324 0.3265	0.4338	0.4157	0.4218	Ave		0.4184				11.7		20.0			
Chloroethane	0.4485 0.4194	0.4088 0.4080	0.4138	0.3933	0.4133	Ave		0.4150				4.1		20.0			
Trichlorofluoromethane	0.3460 0.6335	0.5645 0.6408	0.6045	0.6015	0.6596	Ave		0.5786				18.5		20.0			
Acrolein	0.0527 0.0907	0.0777 0.0905	0.0785	0.0849	0.0898	Ave		0.0807				16.7		20.0			
1,1-Dichloroethene	0.2795 0.4295	0.4044 0.4237	0.4185	0.4025	0.4234	Ave		0.3974				13.3		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0899 0.3013	0.2634 0.3061	0.2806	0.3009	0.3097	Lin1	-0.217	0.3073				1.4			1.0000		0.9900
Acetone	0.0428 0.0413	0.0397 0.0425	0.0437	0.0412	0.0423	Ave		0.0419				3.2		20.0			
Iodomethane (Methyl Iodide)	0.2415 0.5534	0.3309 0.5367	0.4212	0.4816	0.5370	Lin1	-0.495	0.5405				19.8			0.9980		0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Stafford Job No.: 860-2789-1 Analy Batch No.: 5288

SDG No.:

Instrument ID: A322 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/27/2021 09:51 Calibration End Date: 04/27/2021 11:49 Calibration ID: 678

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Carbon disulfide	0.9364 1.0882	0.9116 1.0544	1.0091	1.0087	1.0769	Ave		1.0122				6.7		20.0			
Acetonitrile	0.0185 0.0240	0.0200 0.0232	0.0231	0.0226	0.0259	Ave		0.0224				11.1		20.0			
Methyl acetate	0.2809 0.3527	0.3397 0.3424	0.3645	0.3500	0.3640	Ave		0.3420				8.4		20.0			
Methylene Chloride	0.4483 0.4315	0.4345 0.4318	0.4498	0.4305	0.4390	Ave		0.4379				1.9		20.0			
tert-Butyl alcohol	0.0206 0.0355	0.0263 0.0373	0.0357	0.0339	0.0358	Lin1	-0.110	0.0365				10.8			0.9990		0.9900
Acrylonitrile	0.1443 0.1864	0.1494 0.1999	0.1751	0.1743	0.1863	Ave		0.1737				11.7		20.0			
trans-1,2-Dichloroethene	0.3067 0.4704	0.4514 0.4807	0.4657	0.4400	0.4722	Ave		0.4410				13.8		20.0			
MTBE	0.9684 1.3614	1.1538 1.4150	1.3311	1.2785	1.3509	Ave		1.2656				12.2		20.0			
n-Hexane	0.3369 0.5609	0.4539 0.5716	0.4962	0.5288	0.5695	Lin1	-0.328	0.5671				9.4			0.9990		0.9900
1,1-Dichloroethane	0.7538 0.7760	0.7330 0.7603	0.7586	0.7358	0.7633	Ave		0.7544				2.0		20.0			
Vinyl acetate	0.7598 0.9930	0.9079 0.8362	0.9768	0.9637	1.0030	Ave		0.9201				9.9		20.0			
Isopropyl ether	1.0708 1.4730	1.1994 1.5031	1.2910	1.2665	1.3898	Ave		1.3134				11.7		20.0			
Ethyl tert-butyl ether	1.1389 1.2889	1.1030 1.2902	1.1772	1.2068	1.2861	Ave		1.2130				6.4		20.0			
2,2-Dichloropropane	0.4344 0.6636	0.5184 0.6775	0.5825	0.6048	0.6534	Ave		0.5907				14.9		20.0			
cis-1,2-Dichloroethene	0.6254 0.7170	0.5986 0.7286	0.6792	0.6603	0.6981	Ave		0.6725				7.1		20.0			
2-Butanone	0.0416 0.0536	0.0495 0.0570	0.0533	0.0522	0.0545	Ave		0.0517				9.6		20.0			
Bromochloromethane	0.2419 0.3066	0.2992 0.2944	0.3142	0.3056	0.3127	Ave		0.2964				8.4		20.0			
Tetrahydrofuran	0.1929 0.1414	0.1665 0.1451	0.1460	0.1417	0.1482	Ave		0.1546				12.3		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Stafford Job No.: 860-2789-1 Analy Batch No.: 5288

SDG No.:

Instrument ID: A322 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/27/2021 09:51 Calibration End Date: 04/27/2021 11:49 Calibration ID: 678

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Chloroform	0.6623 0.7633	0.6841 0.7416	0.7649	0.7304	0.7637	Ave		0.7300				5.7		20.0			
1,1,1-Trichloroethane	0.5756 0.6804	0.6063 0.6664	0.6560	0.6353	0.6777	Ave		0.6426				6.1		20.0			
Cyclohexane	1.8570 0.6024	0.7247 0.5968	0.7049	0.6267	0.6357	Lin1	1.1700	0.5911				10.7			0.9990		0.9900
Carbon tetrachloride	0.4206 0.5708	0.4444 0.5676	0.5194	0.5311	0.5510	Ave		0.5150				11.6		20.0			
1,1-Dichloropropene	0.5115 0.5834	0.5333 0.5945	0.5584	0.5501	0.5834	Ave		0.5592				5.4		20.0			
Benzene	1.0834 1.1779	1.1425 1.1636	1.2040	1.1708	1.2027	Ave		1.1636				3.6		20.0			
1,2-Dichloroethane	0.3809 0.4203	0.3987 0.4203	0.4151	0.4178	0.4187	Ave		0.4103				3.7		20.0			
Tert-amyl methyl ether	0.5988 0.7837	0.6771 0.7792	0.7337	0.7377	0.7770	Ave		0.7267				9.3		20.0			
Trichloroethene	0.1407 0.3075	0.2945 0.2993	0.3131	0.3059	0.3117	Lin1	-0.1255	0.3065				7.0			0.9990		0.9900
Methylcyclohexane	0.3728 0.4197	0.3367 0.4310	0.4145	0.4062	0.4437	Ave		0.4035				9.1		20.0			
1,2-Dichloropropane	0.2400 0.3050	0.3035 0.3078	0.2809	0.2859	0.3036	Ave		0.2895				8.3		20.0			
Dibromomethane	0.0946 0.1790	0.1643 0.1793	0.1816	0.1764	0.1860	Ave		0.1659				19.4		20.0			
1,4-Dioxane (P-Dioxane)	0.0020 0.0028	0.0020 0.0030	0.0030	0.0026	0.0028	Ave		0.0026				17.1		20.0			
Bromodichloromethane	0.2932 0.3876	0.3189 0.3774	0.3646	0.3600	0.3852	Ave		0.3553				10.1		20.0			
2-Chloroethyl vinyl ether	0.1247 0.1752	0.1530 0.1788	0.1617	0.1677	0.1697	Ave		0.1615				11.4		20.0			
cis-1,3-Dichloropropene	0.2995 0.4662	0.3657 0.4533	0.4068	0.4137	0.4486	Ave		0.4077				14.4		20.0			
4-Methyl-2-pentanone	0.2058 0.2827	0.2464 0.2894	0.2830	0.2803	0.2943	Ave		0.2688				11.8		20.0			
Toluene	0.8142 0.8920	0.8194 0.8727	0.9251	0.8809	0.8885	Ave		0.8704				4.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Stafford Job No.: 860-2789-1 Analy Batch No.: 5288

SDG No.:

Instrument ID: A322 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/27/2021 09:51 Calibration End Date: 04/27/2021 11:49 Calibration ID: 678

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
trans-1,3-Dichloropropene	0.2837 0.4878	0.3533 0.4877	0.4096	0.4274	0.4720	Ave		0.4173				18.3		20.0			
Ethyl methacrylate	0.2695 0.4724	0.3605 0.4845	0.4271	0.4469	0.4709	Ave		0.4188				18.6		20.0			
1,1,2-Trichloroethane	0.1745 0.2538	0.2243 0.2515	0.2487	0.2509	0.2589	Ave		0.2375				12.6		20.0			
Tetrachloroethene	0.2552 0.3065	0.2598 0.2983	0.3075	0.2999	0.3105	Ave		0.2911				8.0		20.0			
1,3-Dichloropropane	0.4591 0.5239	0.4949 0.5183	0.5627	0.5214	0.5497	Ave		0.5186				6.6		20.0			
2-Hexanone	0.1675 0.2315	0.1995 0.2425	0.2249	0.2264	0.2392	Ave		0.2188				12.1		20.0			
Dibromochloromethane	0.2126 0.3340	0.2598 0.3212	0.2963	0.3061	0.3364	Ave		0.2952				15.2		20.0			
1,2-Dibromoethane	0.3089 0.3071	0.2825 0.3040	0.3211	0.3004	0.3171	Ave		0.3059				4.1		20.0			
1-Chlorohexane	0.7780 0.3335	0.3398 0.3318	0.3496	0.3273	0.3287	Lin1	0.3686	0.3259				14.4			0.9990		0.9900
Chlorobenzene	0.7913 0.9061	0.8920 0.8851	0.9379	0.9110	0.9321	Ave		0.8936				5.5		20.0			
1,1,1,2-Tetrachloroethane	0.2584 0.3289	0.2897 0.3219	0.3195	0.3190	0.3332	Ave		0.3101				8.6		20.0			
Ethylbenzene	1.2349 1.5578	1.4575 1.4997	1.6189	1.5647	1.5886	Ave		1.5032				8.7		20.0			
m,p-Xylenes	0.9546 1.1936	1.1071 1.1156	1.2133	1.1652	1.2164	Ave		1.1380				8.1		20.0			
o-Xylene	1.0001 1.2432	1.1252 1.2432	1.2200	1.2152	1.2521	Ave		1.1855				7.8		20.0			
Styrene	0.7445 1.0202	0.8099 1.0192	0.9746	0.9559	1.0123	Ave		0.9338				11.9		20.0			
Bromoform	0.1179 0.2093	0.1444 0.2147	0.1802	0.1867	0.2075	Lin1	-0.157	0.2109				16.2			0.9980		0.9900
Isopropylbenzene	1.2345 1.4621	1.2992 1.4013	1.5184	1.4557	1.4867	Ave		1.4083				7.4		20.0			
1,1,2,2-Tetrachloroethane	0.3986 0.7825	0.6803 0.7947	0.7835	0.7692	0.7750	Lin1	-0.404	0.7915				2.7			1.0000		0.9900

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Stafford Job No.: 860-2789-1 Analy Batch No.: 5288

SDG No.:

Instrument ID: A322 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/27/2021 09:51 Calibration End Date: 04/27/2021 11:49 Calibration ID: 678

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Bromobenzene	0.6704 0.8139	0.8718 0.7760	0.8881	0.8190	0.8200	Ave		0.8084				8.9		20.0			
1,2,3-Trichloropropane	0.7218 0.8381	0.7294 0.8459	0.8236	0.7862	0.8353	Ave		0.7972				6.6		20.0			
trans-1,4-Dichloro-2-butene	0.0637 0.2011	0.1628 0.2118	0.1751	0.1879	0.1967	Lin1	-0.177	0.2061				8.8			0.9990		0.9900
N-Propylbenzene	2.8565 3.5539	3.1754 3.3024	3.6559	3.5453	3.5408	Ave		3.3757				8.4		20.0			
2-Chlorotoluene	1.9633 2.5197	2.2892 2.4013	2.5149	2.4419	2.4513	Ave		2.3688				8.2		20.0			
1,3,5-Trimethylbenzene	2.0885 2.8743	2.6432 2.7153	2.9128	2.8688	2.8292	Ave		2.7046				10.7		20.0			
4-Ethyltoluene	1.9691 2.5264	2.2412 2.3824	2.5114	2.4880	2.4781	Ave		2.3709				8.6		20.0			
4-Chlorotoluene	2.0223 2.5942	2.4257 2.4804	2.5821	2.4638	2.5137	Ave		2.4403				8.0		20.0			
tert-Butylbenzene	1.7014 2.0761	1.8919 1.9820	2.2003	2.1048	2.0658	Ave		2.0032				8.2		20.0			
1,2,4-Trimethylbenzene	1.7585 2.4501	2.1599 2.3454	2.4477	2.3726	2.4247	Ave		2.2799				11.0		20.0			
sec-Butylbenzene	2.4323 3.0351	2.7095 2.8667	3.1125	3.0366	3.0279	Ave		2.8887				8.4		20.0			
1,3-Dichlorobenzene	1.2836 1.5166	1.5104 1.4672	1.5932	1.5111	1.5229	Ave		1.4864				6.5		20.0			
p-Cymene (p-Isopropyltoluene)	1.8265 2.5944	2.2688 2.4774	2.5943	2.5941	2.5828	Ave		2.4198				11.9		20.0			
1,4-Dichlorobenzene	1.4600 1.5203	1.4863 1.4665	1.6927	1.5457	1.5577	Ave		1.5328				5.2		20.0			
Dicyclopentadiene	2.1057 3.1436	2.6312 3.0295	2.9834	2.8620	3.0375	Ave		2.8276				12.7		20.0			
n-Butylbenzene	1.4203 2.3606	1.9520 2.3289	2.2396	2.2211	2.2541	Ave		2.1109				15.7		20.0			
1,2-Dichlorobenzene	1.0849 1.4362	1.4003 1.3991	1.4968	1.4439	1.4219	Ave		1.3833				9.8		20.0			
1,2-Dibromo-3-Chloropropane	0.0753 0.1612	0.1157 0.1666	0.1262	0.1320	0.1593	Lin1	-0.145	0.1622				18.9			0.9960		0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Stafford Job No.: 860-2789-1 Analy Batch No.: 5288

SDG No.:

Instrument ID: A322 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/27/2021 09:51 Calibration End Date: 04/27/2021 11:49 Calibration ID: 678

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2,4-Trichlorobenzene	0.3989 0.9298	0.7931 0.9017	0.9224	0.9049	0.9149	Lin1	-0.488	0.9197				3.5			1.0000		0.9900
Hexachlorobutadiene	0.2246 0.4096	0.3687 0.3880	0.3896	0.3907	0.4115	Ave		0.3689				17.7		20.0			
Naphthalene	1.3871 2.2254	1.8087 2.2288	2.0904	2.1411	2.2087	Ave		2.0129				15.5		20.0			
1,2,3-Trichlorobenzene	0.4535 0.8194	0.7477 0.8080	0.8698	0.7915	0.8126	Ave		0.7575				18.3		20.0			
2-Methylnaphthalene	0.2404 0.8194	0.4670 0.8347	0.6487	0.7356	0.8410	Lin1	-0.886	0.8295				19.8			0.9980		0.9900
1-Methylnaphthalene	0.4047 0.6786	0.4437 0.6899	0.6015	0.6563	0.7005	Lin1	-0.467	0.6882				15.7			0.9990		0.9900
Dibromofluoromethane (Surr)	0.4614 0.4505	0.4392 0.4411	0.4322	0.4339	0.4440	Ave		0.4432				2.3		20.0			
1,2-Dichloroethane-d4 (Surr)	0.3669 0.3582	0.3569 0.3581	0.3540	0.3506	0.3528	Ave		0.3568				1.5		20.0			
Toluene-d8 (Surr)	1.3581 1.3579	1.3302 1.3617	1.3587	1.3539	1.3733	Ave		1.3563				1.0		20.0			
4-Bromofluorobenzene (Surr)	0.9640 0.9545	0.9640 0.9473	0.9545	0.9579	0.9549	Ave		0.9567				0.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Stafford Job No.: 860-2789-1 Analy Batch No.: 5288

SDG No.:

Instrument ID: A322 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/27/2021 09:51 Calibration End Date: 04/27/2021 11:49 Calibration ID: 678

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-5288/2	A3224204.D
Level 2	IC 860-5288/3	A3224205.D
Level 3	IC 860-5288/4	A3224206.D
Level 4	IC 860-5288/5	A3224207.D
Level 5	ICIS 860-5288/6	A3224208.D
Level 6	IC 860-5288/7	A3224209.D
Level 7	IC 860-5288/8	A3224210.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Propene	PFB	Lin1	12188 719590	31226 1120149	70956	168373	356678	1.00 100	5.00 150	10.0	25.0	50.0
Dichlorodifluoromethane	PFB	Ave	6873 901853	36765 1367715	86491	221681	464081	1.00 100	5.00 150	10.0	25.0	50.0
Chloromethane	PFB	Ave	7431 975523	44750 1508017	93842	230480	477112	1.00 100	5.00 150	10.0	25.0	50.0
Vinyl chloride	PFB	Ave	8900 1120445	48465 1686912	100771	264790	558533	1.00 100	5.00 150	10.0	25.0	50.0
1,3-Butadiene	PFB	Ave	7044 852198	32032 1308866	72144	193538	402920	1.00 100	5.00 150	10.0	25.0	50.0
Bromomethane	PFB	Ave	8067 838036	41891 1039486	84047	208587	425822	1.00 100	5.00 150	10.0	25.0	50.0
Chloroethane	PFB	Ave	7357 863567	39601 1298930	80157	197334	417261	1.00 100	5.00 150	10.0	25.0	50.0
Trichlorofluoromethane	PFB	Ave	5675 1304328	54688 2040336	117104	301836	665916	1.00 100	5.00 150	10.0	25.0	50.0
Acrolein	PFB	Ave	4323 933260	37653 1441285	75997	212998	453507	5.00 500	25.0 750	50.0	125	250
1,1-Dichloroethene	PFB	Ave	4585 884334	39179 1348917	81076	201985	427507	1.00 100	5.00 150	10.0	25.0	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	PFB	Lin1	1475 620277	25516 974686	54357	151008	312688	1.00 100	5.00 150	10.0	25.0	50.0
Acetone	PFB	Ave	3514 424994	19216 677343	42335	103325	213380	5.00 500	25.0 750	50.0	125	250
Iodomethane (Methyl Iodide)	PFB	Lin1	3961 1139380	32054 1708881	81601	241659	542116	1.00 100	5.00 150	10.0	25.0	50.0

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Stafford Job No.: 860-2789-1 Analy Batch No.: 5288

SDG No.:

Instrument ID: A322 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/27/2021 09:51 Calibration End Date: 04/27/2021 11:49 Calibration ID: 678

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Carbon disulfide	PFB	Ave	15360 2240373	88312 3357223	195493	506172	1087298	1.00 100	5.00 150	10.0	25.0	50.0
Acetonitrile	PFB	Ave	1516 247005	9665 368587	22339	56602	130928	5.00 500	25.0 750	50.0	125	250
Methyl acetate	PFB	Ave	46073 7261779	329115 10902724	706096	1756326	3675103	10.0 1000	50.0 1500	100	250	500
Methylene Chloride	PFB	Ave	7354 888352	42095 1374866	87146	215995	443196	1.00 100	5.00 150	10.0	25.0	50.0
tert-Butyl alcohol	PFB	Lin1	1693 365421	12737 594132	34605	85169	180843	5.00 500	25.0 750	50.0	125	250
Acrylonitrile	PFB	Ave	11836 1918932	72384 3181754	169582	437359	940453	5.00 500	25.0 750	50.0	125	250
trans-1,2-Dichloroethene	PFB	Ave	5031 968391	43735 1530580	90228	220803	476767	1.00 100	5.00 150	10.0	25.0	50.0
MTBE	PFB	Ave	15885 2802999	111773 4505363	257865	641509	1363857	1.00 100	5.00 150	10.0	25.0	50.0
n-Hexane	PFB	Lin1	5526 1154787	43973 1819972	96127	265358	575023	1.00 100	5.00 150	10.0	25.0	50.0
1,1-Dichloroethane	PFB	Ave	12365 1597749	71012 2420754	146970	369229	770645	1.00 100	5.00 150	10.0	25.0	50.0
Vinyl acetate	PFB	Ave	62326 10224039	439849 13314256	946340	2418236	5064311	5.00 500	25.0 750	50.0	125	250
Isopropyl ether	PFB	Ave	17564 3032610	116191 4785751	250098	635533	1403154	1.00 100	5.00 150	10.0	25.0	50.0
Ethyl tert-butyl ether	PFB	Ave	18681 2653696	106859 4107860	228049	605569	1298429	1.00 100	5.00 150	10.0	25.0	50.0
2,2-Dichloropropane	PFB	Ave	7125 1366324	50223 2157027	112838	303500	659698	1.00 100	5.00 150	10.0	25.0	50.0
cis-1,2-Dichloroethene	PFB	Ave	10258 1476296	57988 2319920	131571	331340	704848	1.00 100	5.00 150	10.0	25.0	50.0
2-Butanone	PFB	Ave	3415 551743	23955 906860	51652	131086	275317	5.00 500	25.0 750	50.0	125	250
Bromochloromethane	PFB	Ave	3967 631342	28986 937467	60863	153365	315693	1.00 100	5.00 150	10.0	25.0	50.0
Tetrahydrofuran	PFB	Ave	3164 291150	16134 461838	28293	71116	149612	1.00 100	5.00 150	10.0	25.0	50.0

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Stafford Job No.: 860-2789-1 Analy Batch No.: 5288

SDG No.:

Instrument ID: A322 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/27/2021 09:51 Calibration End Date: 04/27/2021 11:49 Calibration ID: 678

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Chloroform	PFB	Ave	10864 1571592	66278 2361213	148182	366494	770991	1.00 100	5.00 150	10.0	25.0	50.0
1,1,1-Trichloroethane	PFB	Ave	9442 1400871	58740 2121862	127090	318779	684260	1.00 100	5.00 150	10.0	25.0	50.0
Cyclohexane	PFB	Lin1	30459 1240204	70210 1900265	136562	314460	641816	1.00 100	5.00 150	10.0	25.0	50.0
Carbon tetrachloride	PFB	Ave	6899 1175271	43051 1807247	100624	266518	556261	1.00 100	5.00 150	10.0	25.0	50.0
1,1-Dichloropropene	PFB	Ave	8390 1201100	51665 1892794	108171	276019	589050	1.00 100	5.00 150	10.0	25.0	50.0
Benzene	DFBZ	Ave	27850 3588537	163348 5420779	338890	854353	1785330	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dichloroethane	DFBZ	Ave	9791 1280471	57010 1958105	116826	304899	621455	1.00 100	5.00 150	10.0	25.0	50.0
Tert-amyl methyl ether	DFBZ	Ave	15393 2387528	96806 3630229	206510	538288	1153312	1.00 100	5.00 150	10.0	25.0	50.0
Trichloroethene	DFBZ	Lin1	3616 936913	42100 1394327	88133	223212	462751	1.00 100	5.00 150	10.0	25.0	50.0
Methylcyclohexane	DFBZ	Ave	9582 1278574	48133 2007924	116658	296438	658629	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dichloropropane	DFBZ	Ave	6170 929160	43399 1433967	79067	208632	450704	1.00 100	5.00 150	10.0	25.0	50.0
Dibromomethane	DFBZ	Ave	2432 545181	23485 835098	51124	128749	276034	1.00 100	5.00 150	10.0	25.0	50.0
1,4-Dioxane (P-Dioxane)	DFBZ	Ave	513 85399	2860 140626	8581	18883	42140	10.0 1000	50.0 1500	100	250	500
Bromodichloromethane	DFBZ	Ave	7538 1180872	45596 1758363	102634	262729	571807	1.00 100	5.00 150	10.0	25.0	50.0
2-Chloroethyl vinyl ether	DFBZ	Ave	3205 533634	21877 833149	45515	122393	251936	1.00 100	5.00 150	10.0	25.0	50.0
cis-1,3-Dichloropropene	DFBZ	Ave	7699 1420179	52285 2111665	114487	301859	665965	1.00 100	5.00 150	10.0	25.0	50.0
4-Methyl-2-pentanone	DFBZ	Ave	26457 4305805	176170 6740842	398216	1022539	2184595	5.00 500	25.0 750	50.0	125	250
Toluene	CBNZ d5	Ave	17583	99513	216183	535698	1094631	1.00	5.00	10.0	25.0	50.0

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Stafford Job No.: 860-2789-1 Analy Batch No.: 5288

SDG No.:

Instrument ID: A322 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/27/2021 09:51 Calibration End Date: 04/27/2021 11:49 Calibration ID: 678

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			2250099	3376411				100	150			
trans-1,3-Dichloropropene	CBNZ d5	Ave	6127 1230460	42900 1886938	95709	259911	581470	1.00 100	5.00 150	10.0	25.0	50.0
Ethyl methacrylate	CBNZ d5	Ave	5820 1191831	43775 1874463	99804	271780	580132	1.00 100	5.00 150	10.0	25.0	50.0
1,1,2-Trichloroethane	CBNZ d5	Ave	3769 640362	27244 972981	58128	152571	318963	1.00 100	5.00 150	10.0	25.0	50.0
Tetrachloroethene	CBNZ d5	Ave	5511 773227	31548 1154299	71868	182390	382525	1.00 100	5.00 150	10.0	25.0	50.0
1,3-Dichloropropane	CBNZ d5	Ave	9914 1321738	60105 2005162	131502	317105	677219	1.00 100	5.00 150	10.0	25.0	50.0
2-Hexanone	CBNZ d5	Ave	18087 2919458	121114 4690974	262760	688447	1473181	5.00 500	25.0 750	50.0	125	250
Dibromochloromethane	CBNZ d5	Ave	4592 842548	31551 1242912	69241	186162	414478	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dibromoethane	CBNZ d5	Ave	6671 774808	34301 1176123	75048	182696	390700	1.00 100	5.00 150	10.0	25.0	50.0
1-Chlorohexane	CBNZ d5	Lin1	16801 841208	41271 1283940	81705	199072	404970	1.00 100	5.00 150	10.0	25.0	50.0
Chlorobenzene	CBNZ d5	Ave	17089 2285705	108323 3424523	219186	554030	1148248	1.00 100	5.00 150	10.0	25.0	50.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	5581 829803	35181 1245424	74674	194029	410496	1.00 100	5.00 150	10.0	25.0	50.0
Ethylbenzene	CBNZ d5	Ave	26669	177004	378316	951577	1957050	1.00	5.00	10.0	25.0	50.0

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Stafford Job No.: 860-2789-1 Analy Batch No.: 5288

SDG No.:

Instrument ID: A322 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/27/2021 09:51 Calibration End Date: 04/27/2021 11:49 Calibration ID: 678

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			3929866	5802304				100	150			
m,p-Xylenes	CBNZ d5	Ave	41230 6021957	268899 8632819	567068	1417258	2997019	2.00 200	10.0 300	20.0	50.0	100
o-Xylene	CBNZ d5	Ave	21598 3136082	136640 4809836	285106	739004	1542471	1.00 100	5.00 150	10.0	25.0	50.0
Styrene	CBNZ d5	Ave	16079 2573566	98356 3943460	227762	581300	1247134	1.00 100	5.00 150	10.0	25.0	50.0
Bromoform	CBNZ d5	Lin1	2546 528082	17534 830744	42107	113555	255587	1.00 100	5.00 150	10.0	25.0	50.0
Isopropylbenzene	CBNZ d5	Ave	26660 3688374	157779 5421681	354825	885288	1831533	1.00 100	5.00 150	10.0	25.0	50.0
1,1,2,2-Tetrachloroethane	DCBd 4	Lin1	4505 943214	38806 1501386	86815	223445	465423	1.00 100	5.00 150	10.0	25.0	50.0
Bromobenzene	DCBd 4	Ave	7577 980982	49732 1466104	98405	237893	492470	1.00 100	5.00 150	10.0	25.0	50.0
1,2,3-Trichloropropane	DCBd 4	Ave	8158 1010168	41607 1598100	91257	228388	501662	1.00 100	5.00 150	10.0	25.0	50.0
trans-1,4-Dichloro-2-butene	DCBd 4	Lin1	720 242449	9285 400122	19400	54571	118143	1.00 100	5.00 150	10.0	25.0	50.0
N-Propylbenzene	DCBd 4	Ave	32284 4283575	181143 6239254	405098	1029850	2126487	1.00 100	5.00 150	10.0	25.0	50.0
2-Chlorotoluene	DCBd 4	Ave	22189 3037083	130589 4536822	278669	709330	1472203	1.00 100	5.00 150	10.0	25.0	50.0
1,3,5-Trimethylbenzene	DCBd 4	Ave	23605	150787	322749	833319	1699145	1.00	5.00	10.0	25.0	50.0

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Stafford Job No.: 860-2789-1 Analy Batch No.: 5288

SDG No.:

Instrument ID: A322 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/27/2021 09:51 Calibration End Date: 04/27/2021 11:49 Calibration ID: 678

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			3464458	5130098				100	150			
4-Ethyltoluene	DCBd 4	Ave	22255 3045055	127853 4501117	278274	722708	1488296	1.00 100	5.00 150	10.0	25.0	50.0
4-Chlorotoluene	DCBd 4	Ave	22856 3126819	138379 4686226	286108	715701	1509655	1.00 100	5.00 150	10.0	25.0	50.0
tert-Butylbenzene	DCBd 4	Ave	19229 2502321	107925 3744570	243805	611413	1240664	1.00 100	5.00 150	10.0	25.0	50.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	19875 2953127	123217 4431223	271218	689206	1456234	1.00 100	5.00 150	10.0	25.0	50.0
sec-Butylbenzene	DCBd 4	Ave	27490 3658264	154568 5416140	344887	882072	1818488	1.00 100	5.00 150	10.0	25.0	50.0
1,3-Dichlorobenzene	DCBd 4	Ave	14507 1827929	86161 2771978	176532	438954	914623	1.00 100	5.00 150	10.0	25.0	50.0
p-Cymene (p-Isopropyltoluene)	DCBd 4	Ave	20643 3127102	129426 4680615	287465	753541	1551148	1.00 100	5.00 150	10.0	25.0	50.0
1,4-Dichlorobenzene	DCBd 4	Ave	16501 1832415	84790 2770703	187564	449007	935508	1.00 100	5.00 150	10.0	25.0	50.0
Dicyclopentadiene	DCBd 4	Ave	23799 3789089	150102 5723605	330574	831364	1824240	1.00 100	5.00 150	10.0	25.0	50.0
n-Butylbenzene	DCBd 4	Ave	16052 2845266	111355 4400057	248155	645185	1353765	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dichlorobenzene	DCBd 4	Ave	12262 1731082	79884 2643335	165855	419413	853933	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Lin1	851	6600	13987	38334	95649	1.00	5.00	10.0	25.0	50.0

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Stafford Job No.: 860-2789-1 Analy Batch No.: 5288

SDG No.:

Instrument ID: A322 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/27/2021 09:51 Calibration End Date: 04/27/2021 11:49 Calibration ID: 678

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			194249	314816				100	150			
1,2,4-Trichlorobenzene	DCBd 4	Lin1	4508 1120742	45246 1703605	102203	262864	549487	1.00 100	5.00 150	10.0	25.0	50.0
Hexachlorobutadiene	DCBd 4	Ave	2538 493745	21031 733139	43166	113489	247117	1.00 100	5.00 150	10.0	25.0	50.0
Naphthalene	DCBd 4	Ave	15677 2682342	103181 4210812	231631	621955	1326463	1.00 100	5.00 150	10.0	25.0	50.0
1,2,3-Trichlorobenzene	DCBd 4	Ave	5126 987651	42653 1526646	96378	229914	488028	1.00 100	5.00 150	10.0	25.0	50.0
2-Methylnaphthalene	DCBd 4	Lin1	2717 987664	26640 1576915	71879	213664	505098	1.00 100	5.00 150	10.0	25.0	50.0
1-Methylnaphthalene	DCBd 4	Lin1	4574 817986	25310 1303409	66645	190647	420724	1.00 100	5.00 150	10.0	25.0	50.0
Dibromofluoromethane (Surr)	PFB	Ave	378402 463799	425487 468158	418682	435406	448310	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	DFBZ	Ave	471527 545679	510223 556181	498199	511716	523627	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	1466431 1712726	1615362 1756182	1587615	1646795	1691835	50.0 50.0	50.0 50.0	50.0	50.0	50.0
4-Bromofluorobenzene (Surr)	DCBd 4	Ave	544744 575221	549912 596587	528798	556494	573496	50.0 50.0	50.0 50.0	50.0	50.0	50.0

Curve Type Legend
Ave = Average ISTD
Lin1 = Linear 1/conc ISTD

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Calibration / Propene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

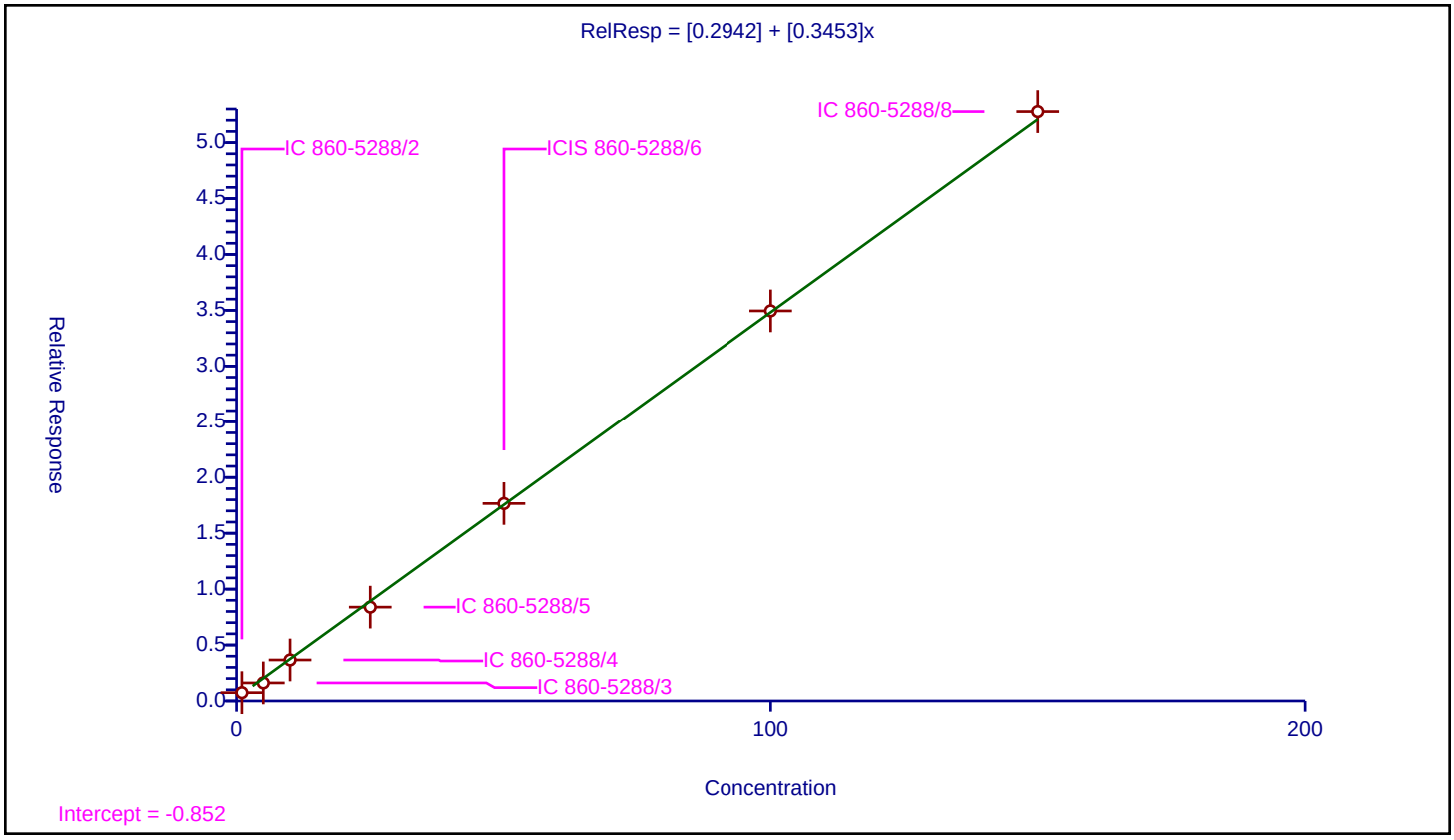
Curve Coefficients

Intercept:	0.2942
Slope:	0.3453

Error Coefficients

Standard Error:	622000
Relative Standard Error:	17.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	0.743048	50.0	820135.0	0.743048	Y
2	IC 860-5288/3	5.0	1.611625	50.0	968774.0	0.322325	Y
3	IC 860-5288/4	10.0	3.66265	50.0	968643.0	0.366265	Y
4	IC 860-5288/5	25.0	8.388702	50.0	1003570.0	0.335548	Y
5	ICIS 860-5288/6	50.0	17.664148	50.0	1009610.0	0.353283	Y
6	IC 860-5288/7	100.0	34.950929	50.0	1029429.0	0.349509	Y
7	IC 860-5288/8	150.0	52.771253	50.0	1061325.0	0.351808	Y



Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

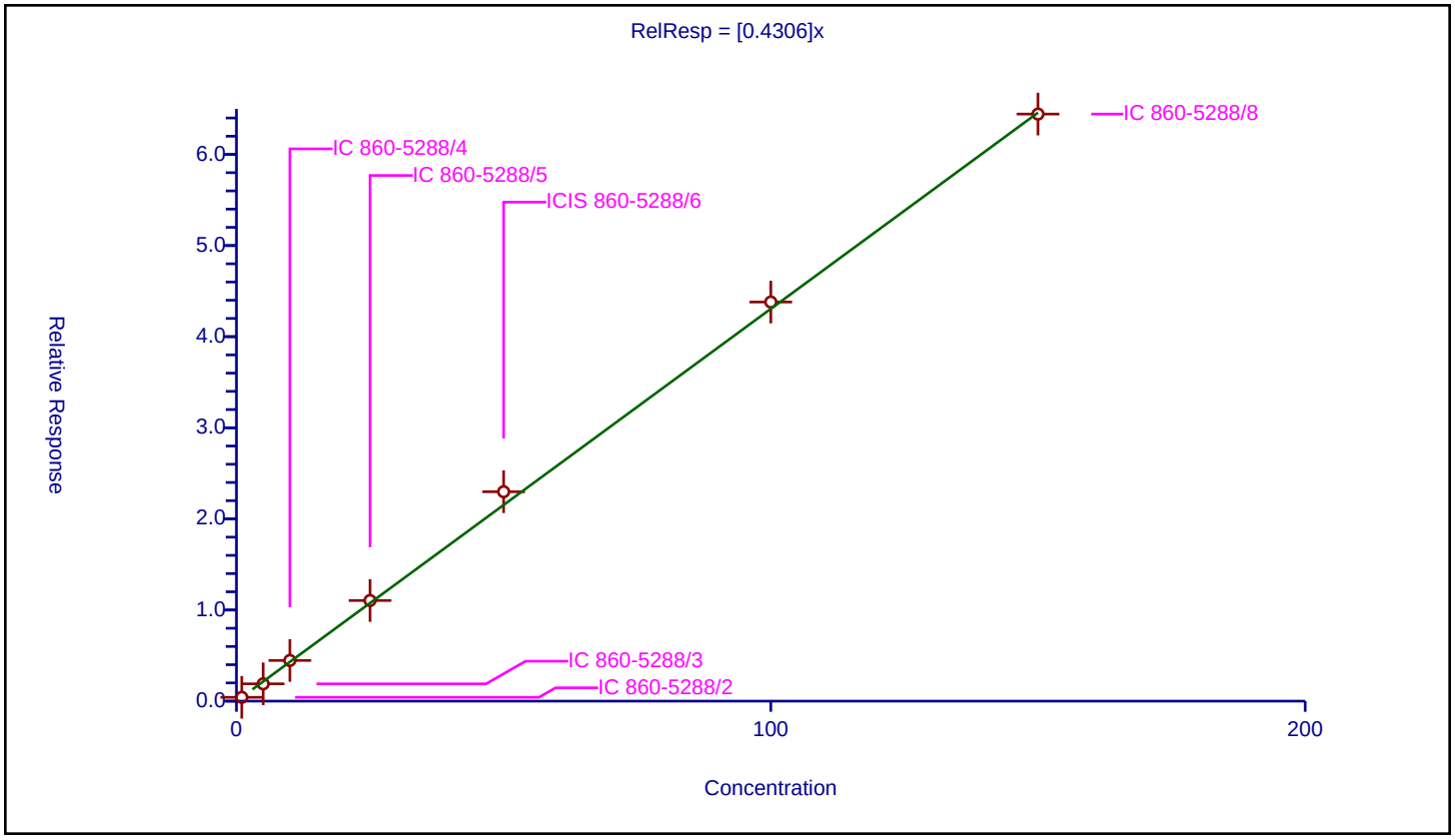
Curve Coefficients

Intercept:	0
Slope:	0.4306

Error Coefficients

Standard Error:	702000
Relative Standard Error:	6.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	0.419016	50.0	820135.0	0.419016	Y
2	IC 860-5288/3	5.0	1.897501	50.0	968774.0	0.3795	Y
3	IC 860-5288/4	10.0	4.464545	50.0	968643.0	0.446454	Y
4	IC 860-5288/5	25.0	11.044621	50.0	1003570.0	0.441785	Y
5	ICIS 860-5288/6	50.0	22.983182	50.0	1009610.0	0.459664	Y
6	IC 860-5288/7	100.0	43.803555	50.0	1029429.0	0.438036	Y
7	IC 860-5288/8	150.0	64.434316	50.0	1061325.0	0.429562	Y



Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

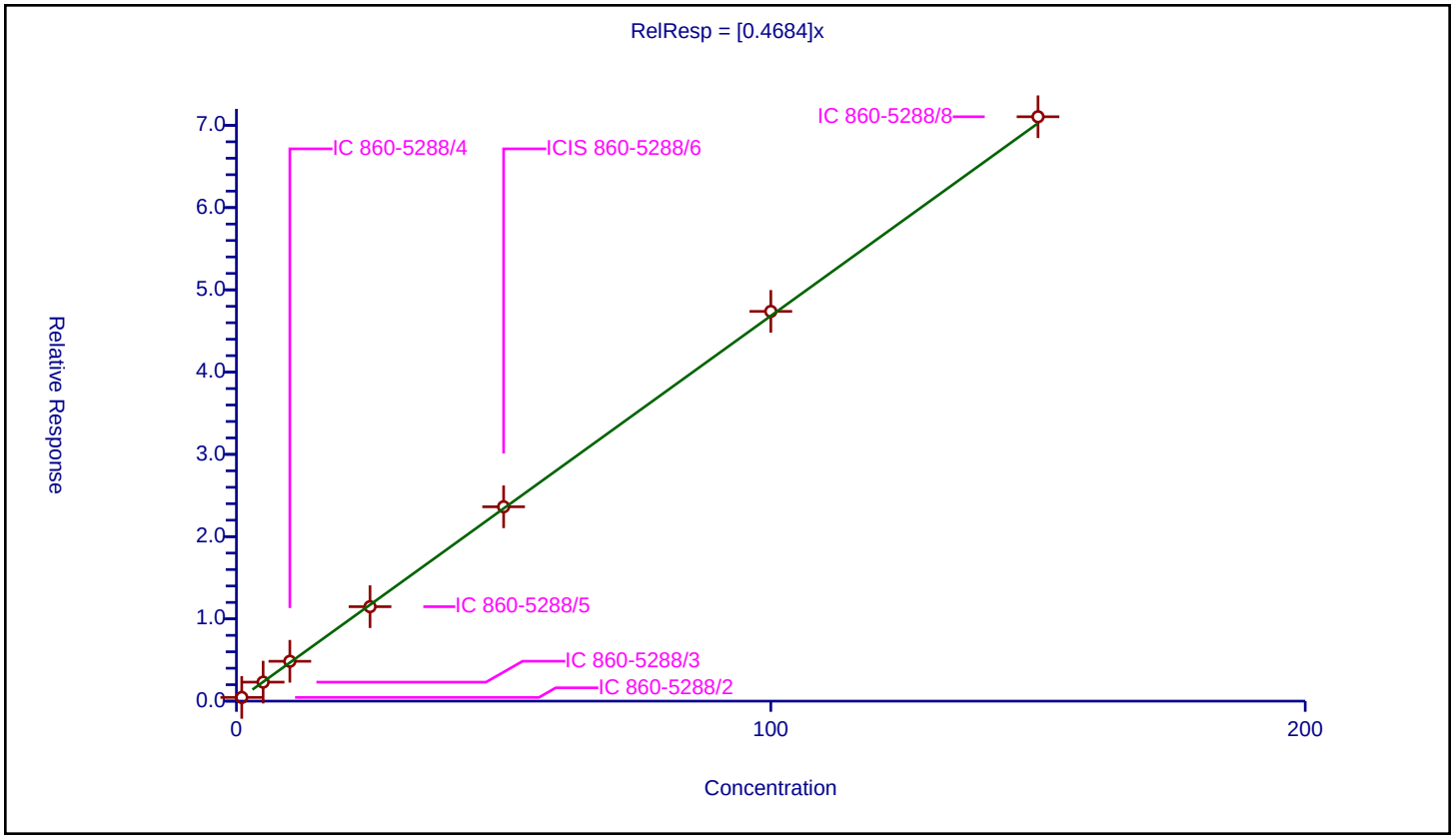
Curve Coefficients

Intercept:	0
Slope:	0.4684

Error Coefficients

Standard Error:	766000
Relative Standard Error:	2.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	0.453035	50.0	820135.0	0.453035	Y
2	IC 860-5288/3	5.0	2.30962	50.0	968774.0	0.461924	Y
3	IC 860-5288/4	10.0	4.843993	50.0	968643.0	0.484399	Y
4	IC 860-5288/5	25.0	11.483006	50.0	1003570.0	0.45932	Y
5	ICIS 860-5288/6	50.0	23.62853	50.0	1009610.0	0.472571	Y
6	IC 860-5288/7	100.0	47.381752	50.0	1029429.0	0.473818	Y
7	IC 860-5288/8	150.0	71.044072	50.0	1061325.0	0.473627	Y



Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

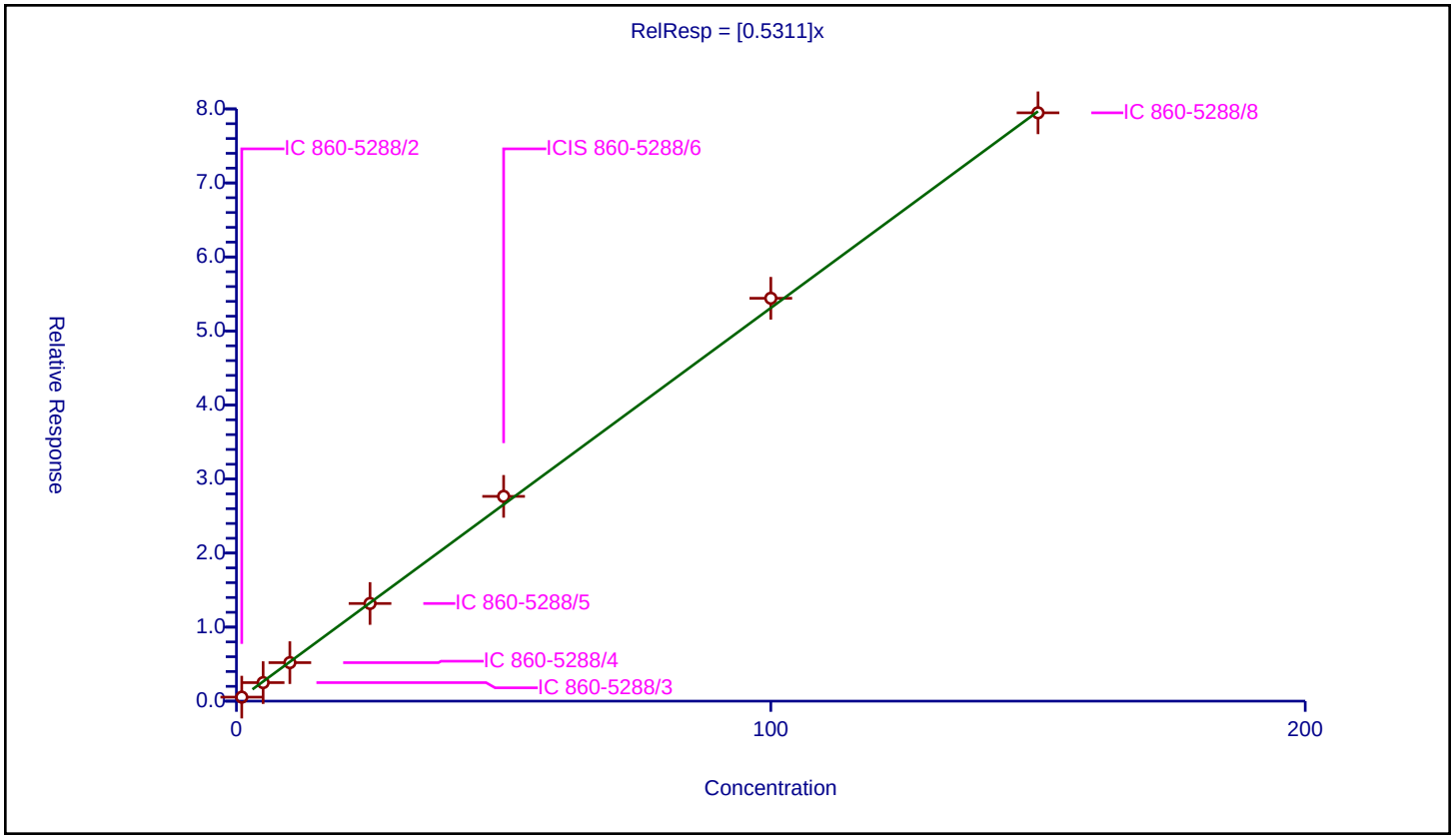
Curve Coefficients

Intercept:	0
Slope:	0.5311

Error Coefficients

Standard Error:	866000
Relative Standard Error:	3.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	0.542594	50.0	820135.0	0.542594	Y
2	IC 860-5288/3	5.0	2.501357	50.0	968774.0	0.500271	Y
3	IC 860-5288/4	10.0	5.201658	50.0	968643.0	0.520166	Y
4	IC 860-5288/5	25.0	13.192403	50.0	1003570.0	0.527696	Y
5	ICIS 860-5288/6	50.0	27.660829	50.0	1009610.0	0.553217	Y
6	IC 860-5288/7	100.0	54.420703	50.0	1029429.0	0.544207	Y
7	IC 860-5288/8	150.0	79.471981	50.0	1061325.0	0.529813	Y



Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

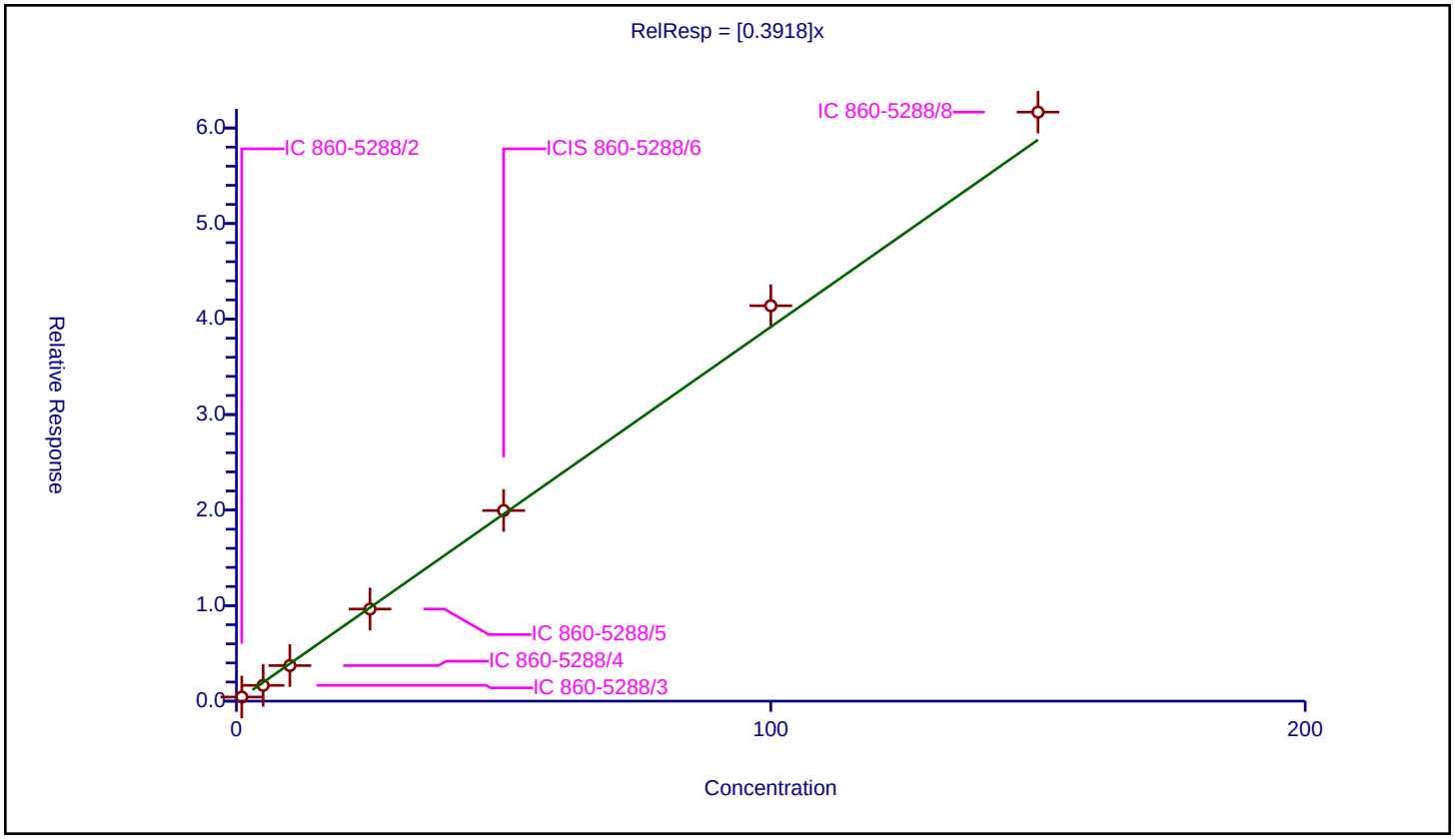
Curve Coefficients

Intercept:	0
Slope:	0.3918

Error Coefficients

Standard Error:	664000
Relative Standard Error:	8.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	0.429441	50.0	820135.0	0.429441	Y
2	IC 860-5288/3	5.0	1.653224	50.0	968774.0	0.330645	Y
3	IC 860-5288/4	10.0	3.723973	50.0	968643.0	0.372397	Y
4	IC 860-5288/5	25.0	9.642476	50.0	1003570.0	0.385699	Y
5	ICIS 860-5288/6	50.0	19.95424	50.0	1009610.0	0.399085	Y
6	IC 860-5288/7	100.0	41.391781	50.0	1029429.0	0.413918	Y
7	IC 860-5288/8	150.0	61.661885	50.0	1061325.0	0.411079	Y



Calibration / Bromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

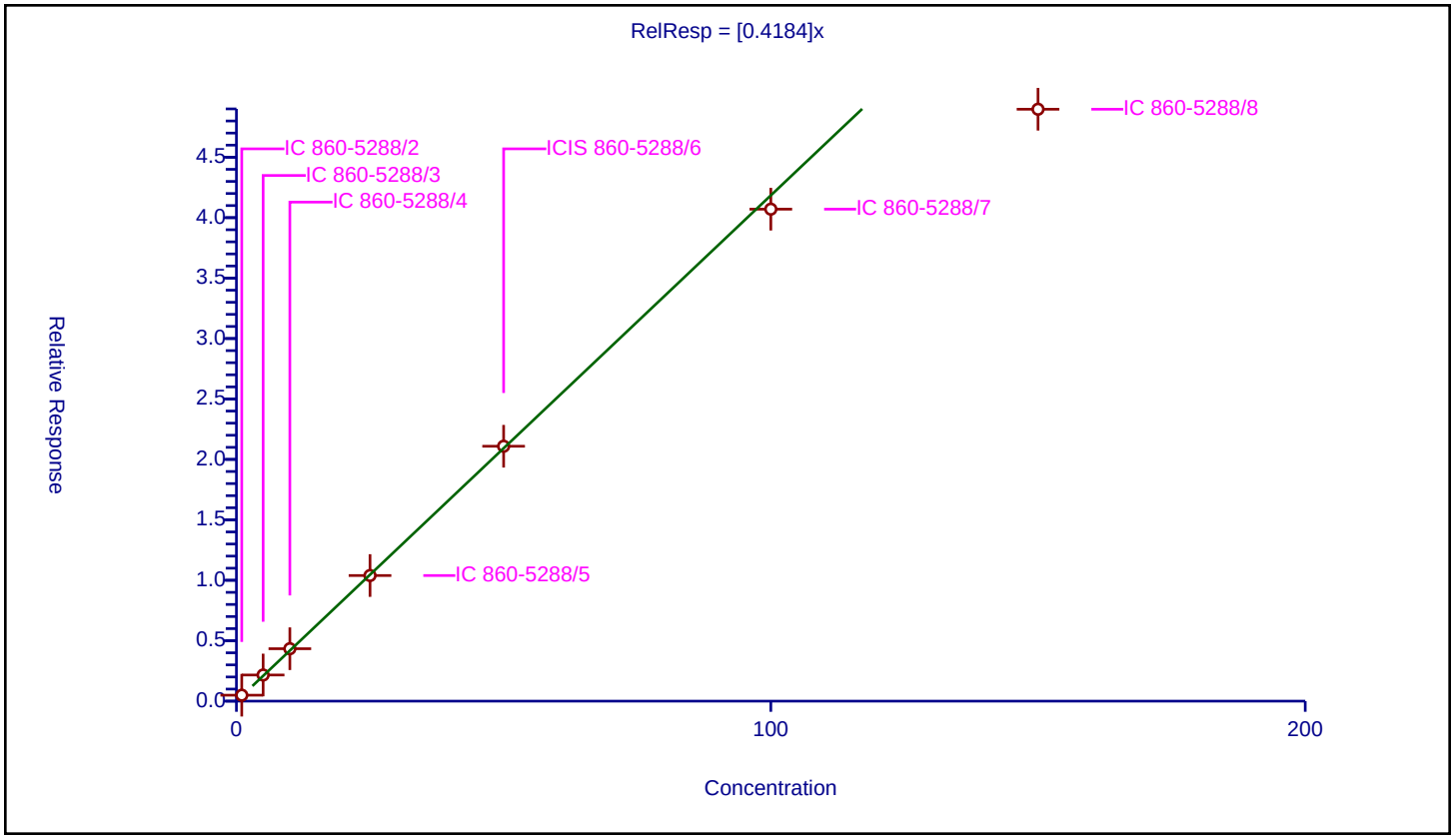
Curve Coefficients

Intercept:	0
Slope:	0.4184

Error Coefficients

Standard Error:	580000
Relative Standard Error:	11.7
Correlation Coefficient:	0.985
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	0.491809	50.0	820135.0	0.491809	Y
2	IC 860-5288/3	5.0	2.162063	50.0	968774.0	0.432413	Y
3	IC 860-5288/4	10.0	4.338389	50.0	968643.0	0.433839	Y
4	IC 860-5288/5	25.0	10.39225	50.0	1003570.0	0.41569	Y
5	ICIS 860-5288/6	50.0	21.08844	50.0	1009610.0	0.421769	Y
6	IC 860-5288/7	100.0	40.703924	50.0	1029429.0	0.407039	Y
7	IC 860-5288/8	150.0	48.971145	50.0	1061325.0	0.326474	Y



Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

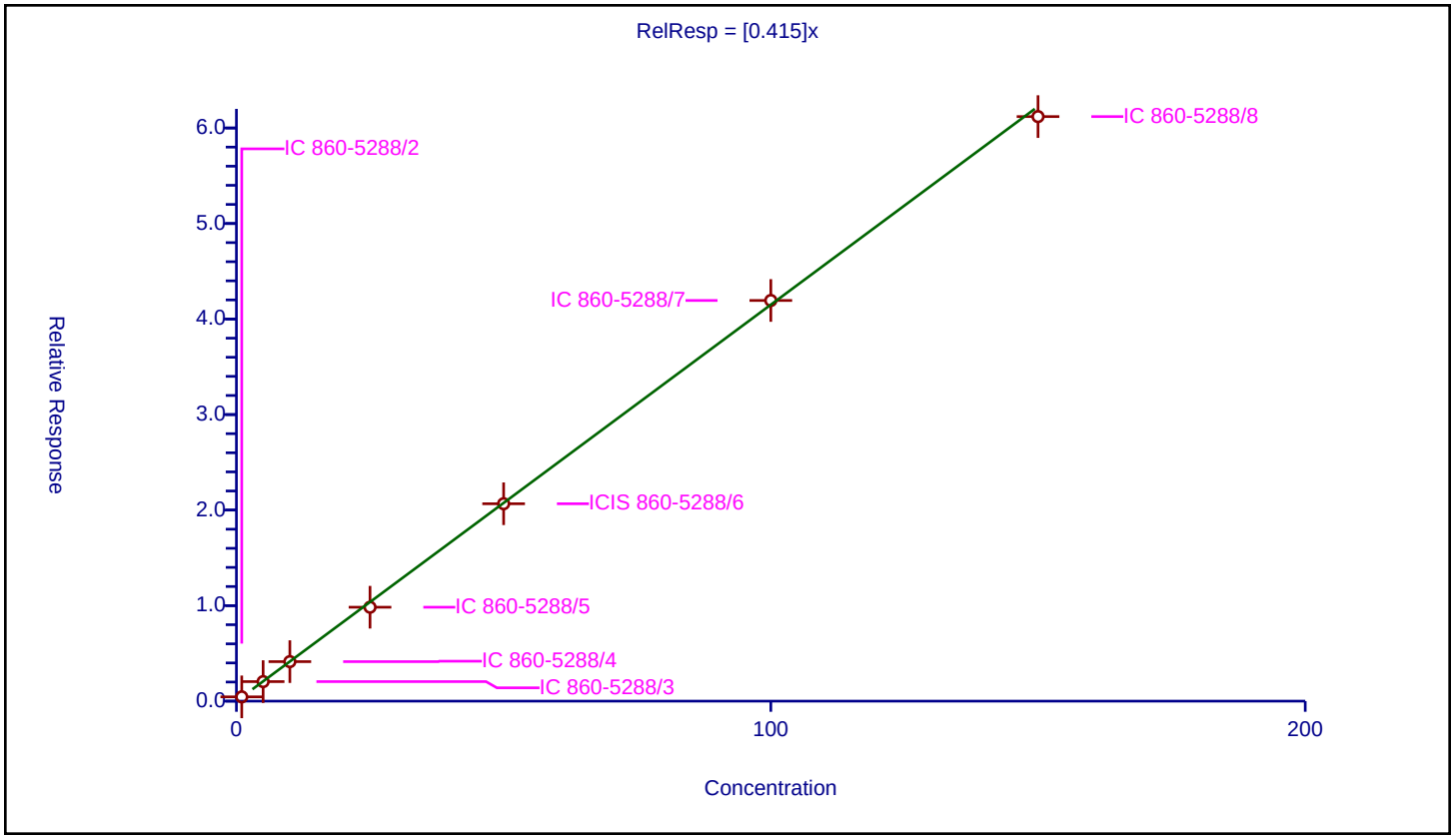
Curve Coefficients

Intercept:	0
Slope:	0.415

Error Coefficients

Standard Error:	665000
Relative Standard Error:	4.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	0.448524	50.0	820135.0	0.448524	Y
2	IC 860-5288/3	5.0	2.043872	50.0	968774.0	0.408774	Y
3	IC 860-5288/4	10.0	4.137592	50.0	968643.0	0.413759	Y
4	IC 860-5288/5	25.0	9.831601	50.0	1003570.0	0.393264	Y
5	ICIS 860-5288/6	50.0	20.664464	50.0	1009610.0	0.413289	Y
6	IC 860-5288/7	100.0	41.943981	50.0	1029429.0	0.41944	Y
7	IC 860-5288/8	150.0	61.193791	50.0	1061325.0	0.407959	Y



Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

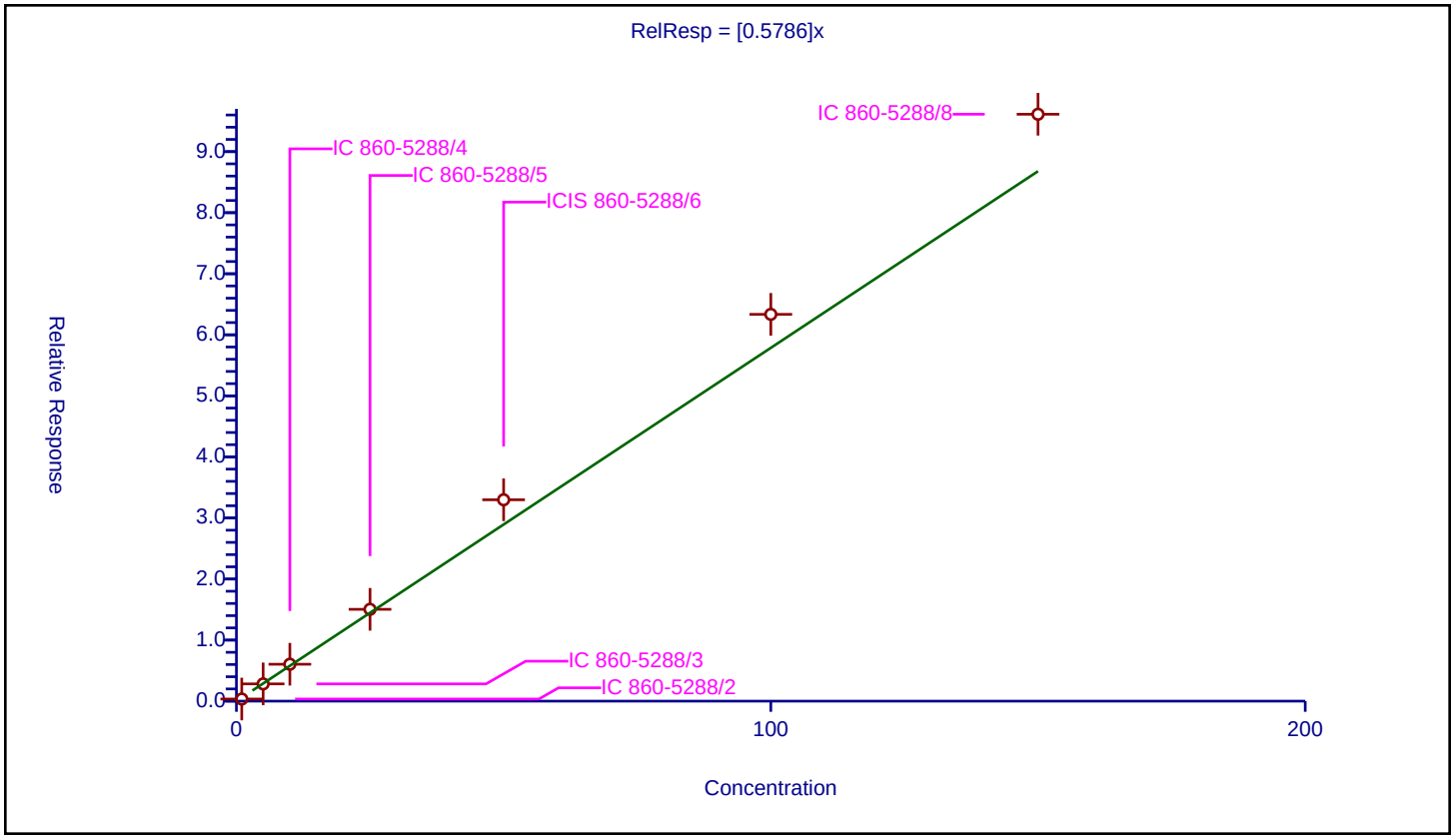
Curve Coefficients

Intercept:	0
Slope:	0.5786

Error Coefficients

Standard Error:	1030000
Relative Standard Error:	18.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.967

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	0.34598	50.0	820135.0	0.34598	Y
2	IC 860-5288/3	5.0	2.822537	50.0	968774.0	0.564507	Y
3	IC 860-5288/4	10.0	6.044745	50.0	968643.0	0.604475	Y
4	IC 860-5288/5	25.0	15.038114	50.0	1003570.0	0.601525	Y
5	ICIS 860-5288/6	50.0	32.978873	50.0	1009610.0	0.659577	Y
6	IC 860-5288/7	100.0	63.352014	50.0	1029429.0	0.63352	Y
7	IC 860-5288/8	150.0	96.122112	50.0	1061325.0	0.640814	Y



Calibration / Acrolein

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

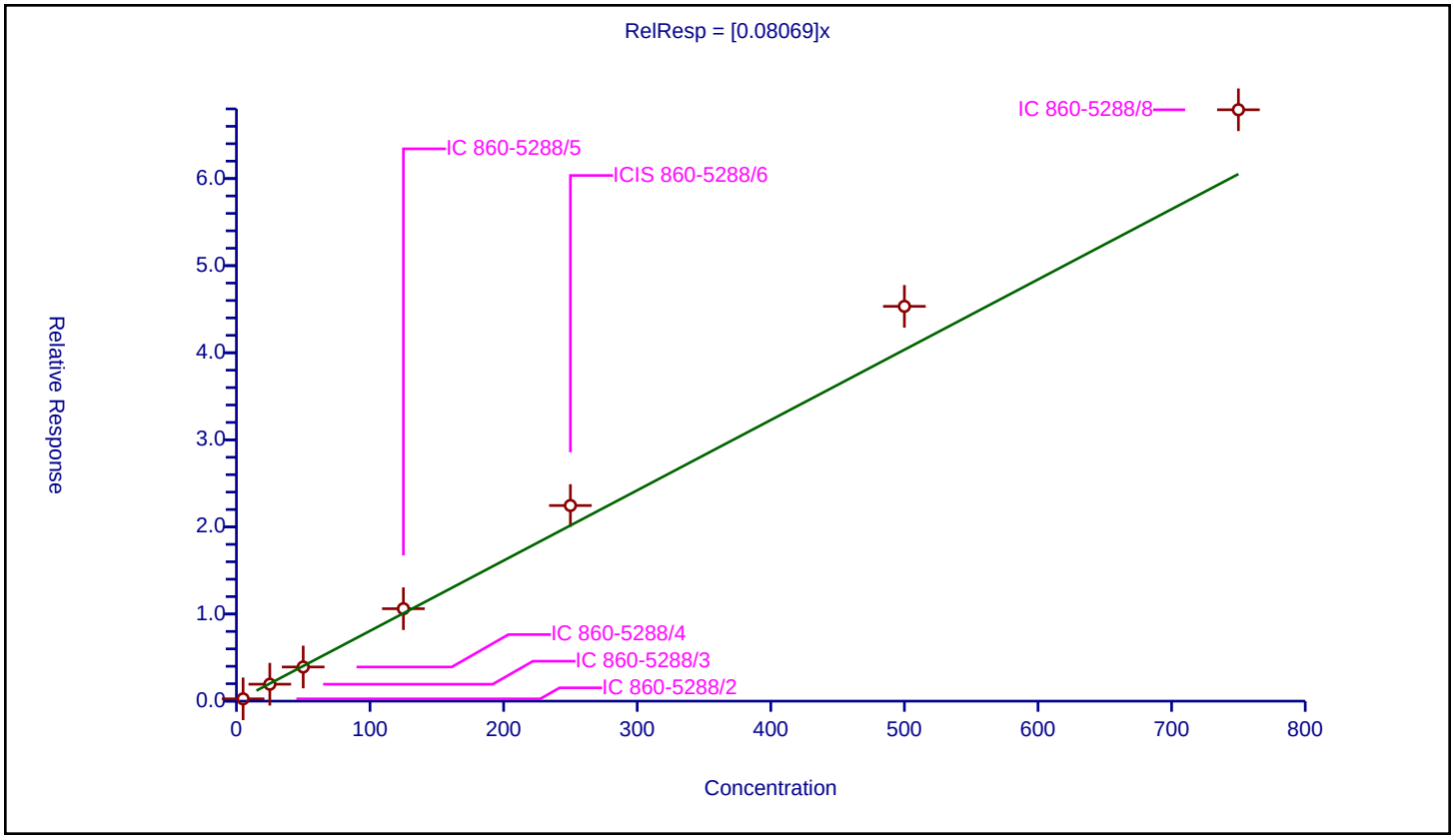
Curve Coefficients

Intercept:	0
Slope:	0.08069

Error Coefficients

Standard Error:	731000
Relative Standard Error:	16.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.973

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	5.0	0.263554	50.0	820135.0	0.052711	Y
2	IC 860-5288/3	25.0	1.943333	50.0	968774.0	0.077733	Y
3	IC 860-5288/4	50.0	3.922859	50.0	968643.0	0.078457	Y
4	IC 860-5288/5	125.0	10.612015	50.0	1003570.0	0.084896	Y
5	ICIS 860-5288/6	250.0	22.459514	50.0	1009610.0	0.089838	Y
6	IC 860-5288/7	500.0	45.329012	50.0	1029429.0	0.090658	Y
7	IC 860-5288/8	750.0	67.900266	50.0	1061325.0	0.090534	Y



Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

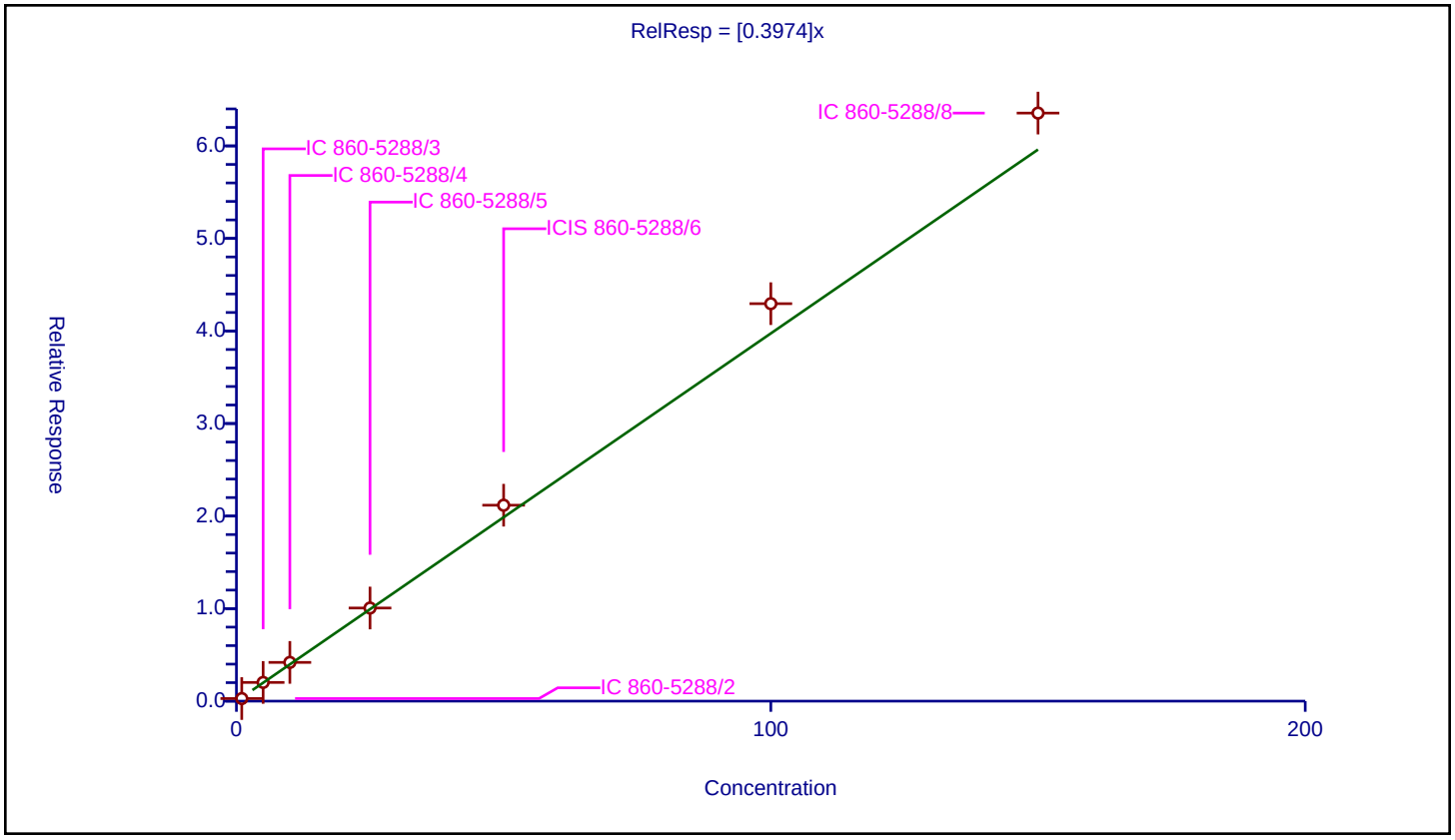
Curve Coefficients

Intercept:	0
Slope:	0.3974

Error Coefficients

Standard Error:	687000
Relative Standard Error:	13.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	0.279527	50.0	820135.0	0.279527	Y
2	IC 860-5288/3	5.0	2.022092	50.0	968774.0	0.404418	Y
3	IC 860-5288/4	10.0	4.18503	50.0	968643.0	0.418503	Y
4	IC 860-5288/5	25.0	10.063324	50.0	1003570.0	0.402533	Y
5	ICIS 860-5288/6	50.0	21.171888	50.0	1009610.0	0.423438	Y
6	IC 860-5288/7	100.0	42.952647	50.0	1029429.0	0.429526	Y
7	IC 860-5288/8	150.0	63.548724	50.0	1061325.0	0.423658	Y



Calibration / 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

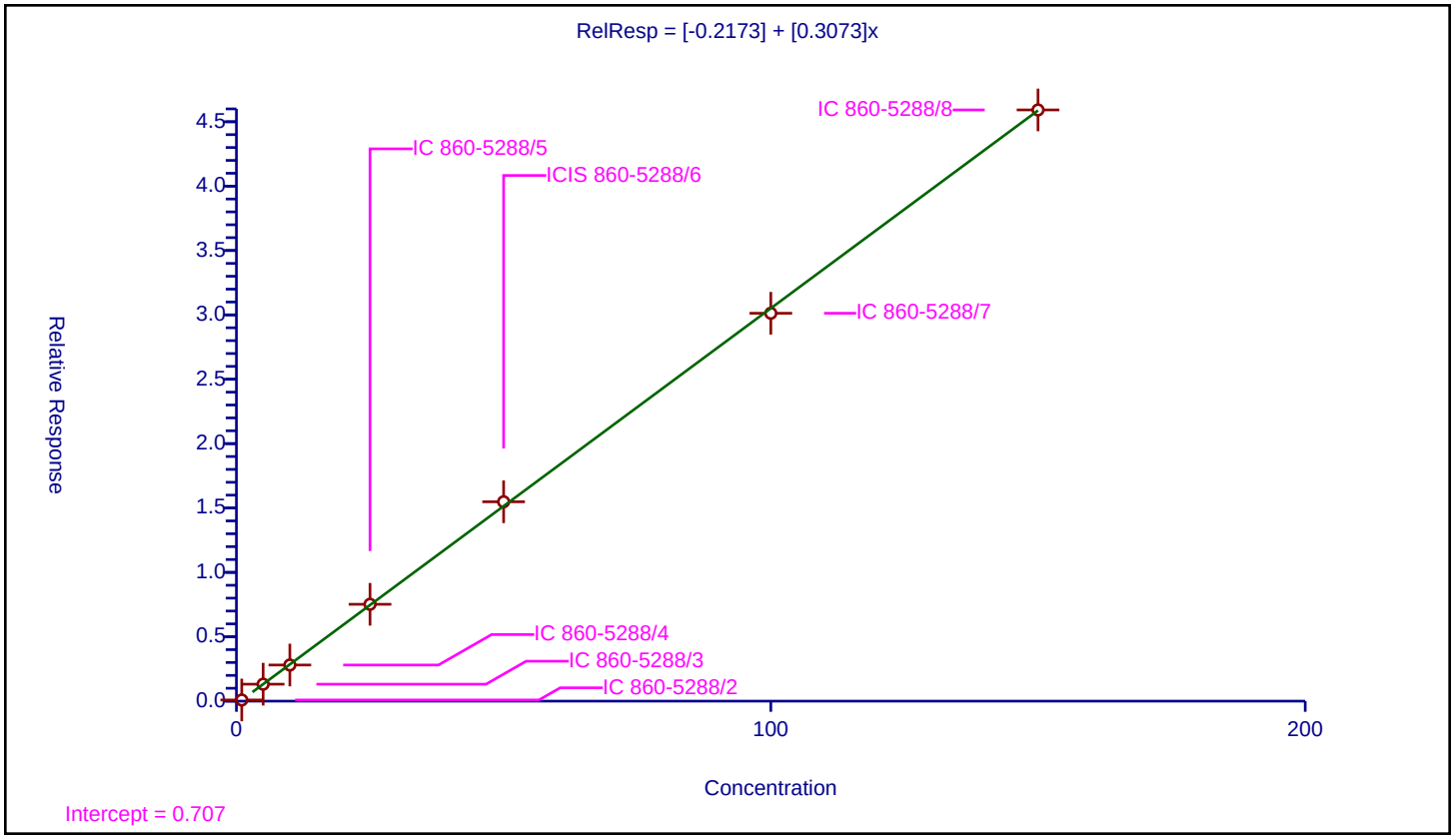
Curve Coefficients

Intercept:	-0.2173
Slope:	0.3073

Error Coefficients

Standard Error:	540000
Relative Standard Error:	1.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	0.089924	50.0	820135.0	0.089924	Y
2	IC 860-5288/3	5.0	1.316922	50.0	968774.0	0.263384	Y
3	IC 860-5288/4	10.0	2.805832	50.0	968643.0	0.280583	Y
4	IC 860-5288/5	25.0	7.523541	50.0	1003570.0	0.300942	Y
5	ICIS 860-5288/6	50.0	15.485584	50.0	1009610.0	0.309712	Y
6	IC 860-5288/7	100.0	30.127236	50.0	1029429.0	0.301272	Y
7	IC 860-5288/8	150.0	45.918357	50.0	1061325.0	0.306122	Y



Calibration / Acetone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

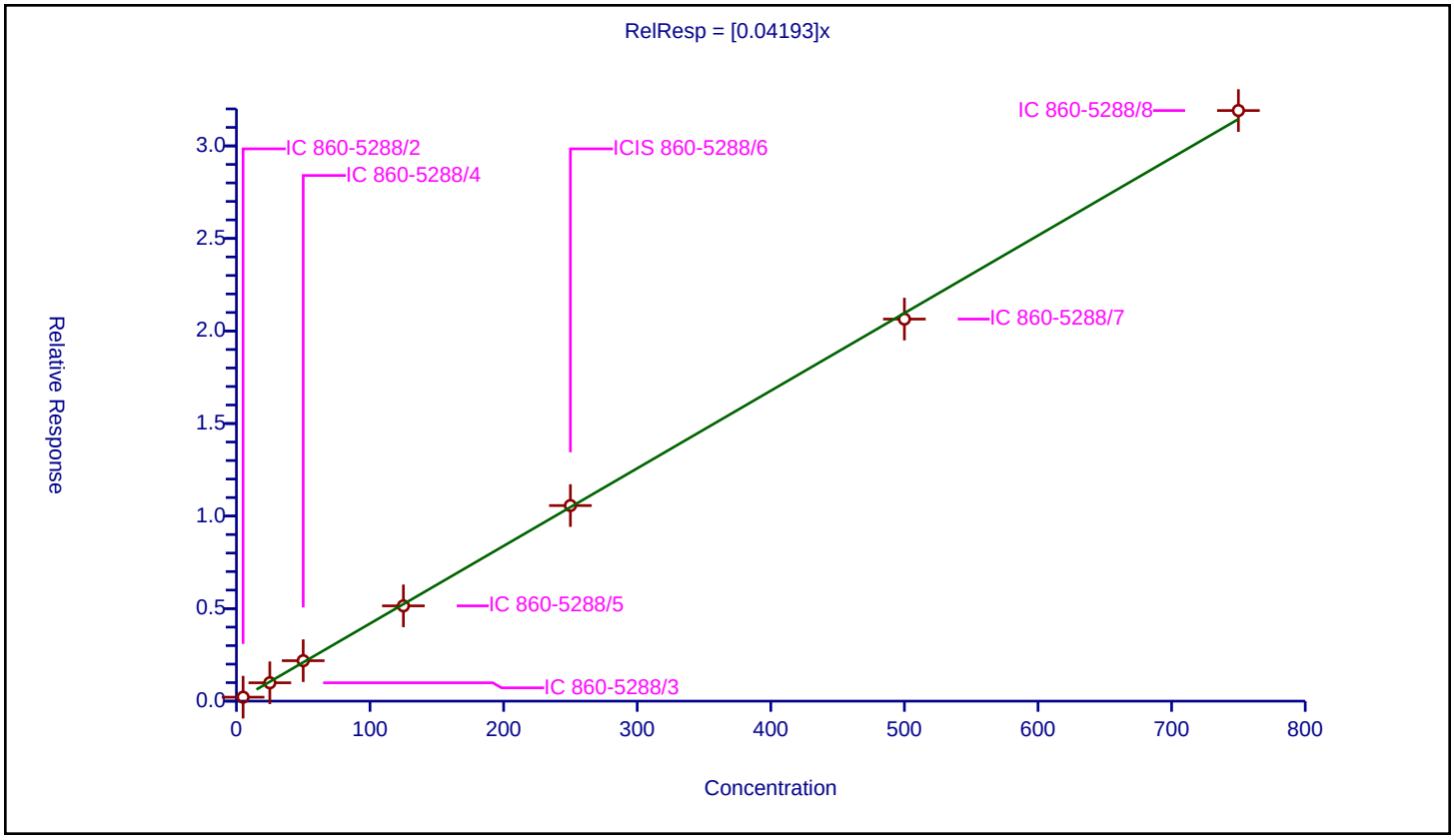
Curve Coefficients

Intercept:	0
Slope:	0.04193

Error Coefficients

Standard Error:	341000
Relative Standard Error:	3.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	5.0	0.214233	50.0	820135.0	0.042847	Y
2	IC 860-5288/3	25.0	0.991769	50.0	968774.0	0.039671	Y
3	IC 860-5288/4	50.0	2.185274	50.0	968643.0	0.043705	Y
4	IC 860-5288/5	125.0	5.147872	50.0	1003570.0	0.041183	Y
5	ICIS 860-5288/6	250.0	10.567447	50.0	1009610.0	0.04227	Y
6	IC 860-5288/7	500.0	20.64222	50.0	1029429.0	0.041284	Y
7	IC 860-5288/8	750.0	31.910254	50.0	1061325.0	0.042547	Y



Calibration / Iodomethane

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

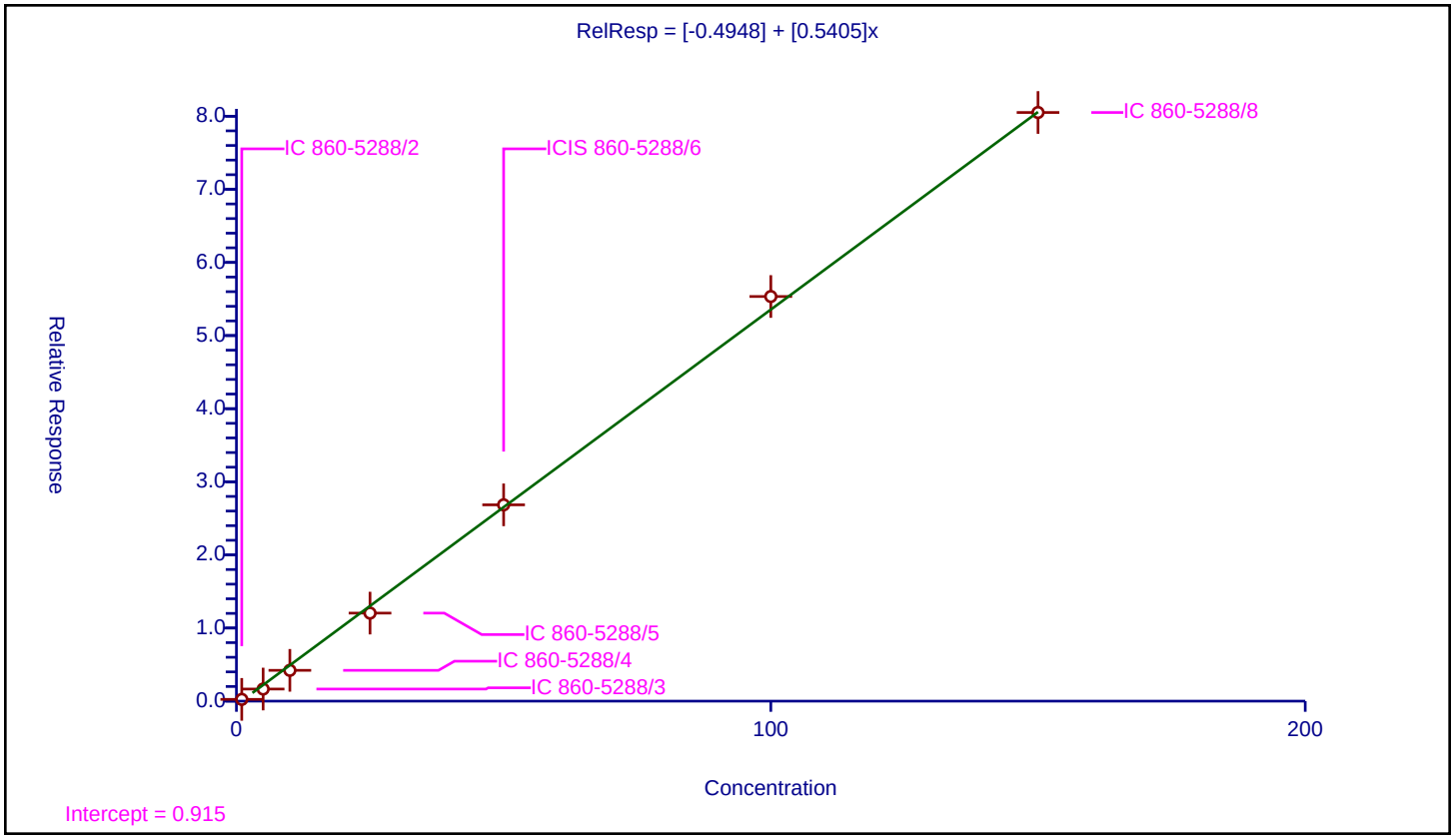
Curve Coefficients

Intercept:	-0.4948
Slope:	0.5405

Error Coefficients

Standard Error:	957000
Relative Standard Error:	19.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	0.241485	50.0	820135.0	0.241485	Y
2	IC 860-5288/3	5.0	1.654359	50.0	968774.0	0.330872	Y
3	IC 860-5288/4	10.0	4.21213	50.0	968643.0	0.421213	Y
4	IC 860-5288/5	25.0	12.039967	50.0	1003570.0	0.481599	Y
5	ICIS 860-5288/6	50.0	26.847793	50.0	1009610.0	0.536956	Y
6	IC 860-5288/7	100.0	55.340388	50.0	1029429.0	0.553404	Y
7	IC 860-5288/8	150.0	80.506961	50.0	1061325.0	0.536713	Y



Calibration / Carbon disulfide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

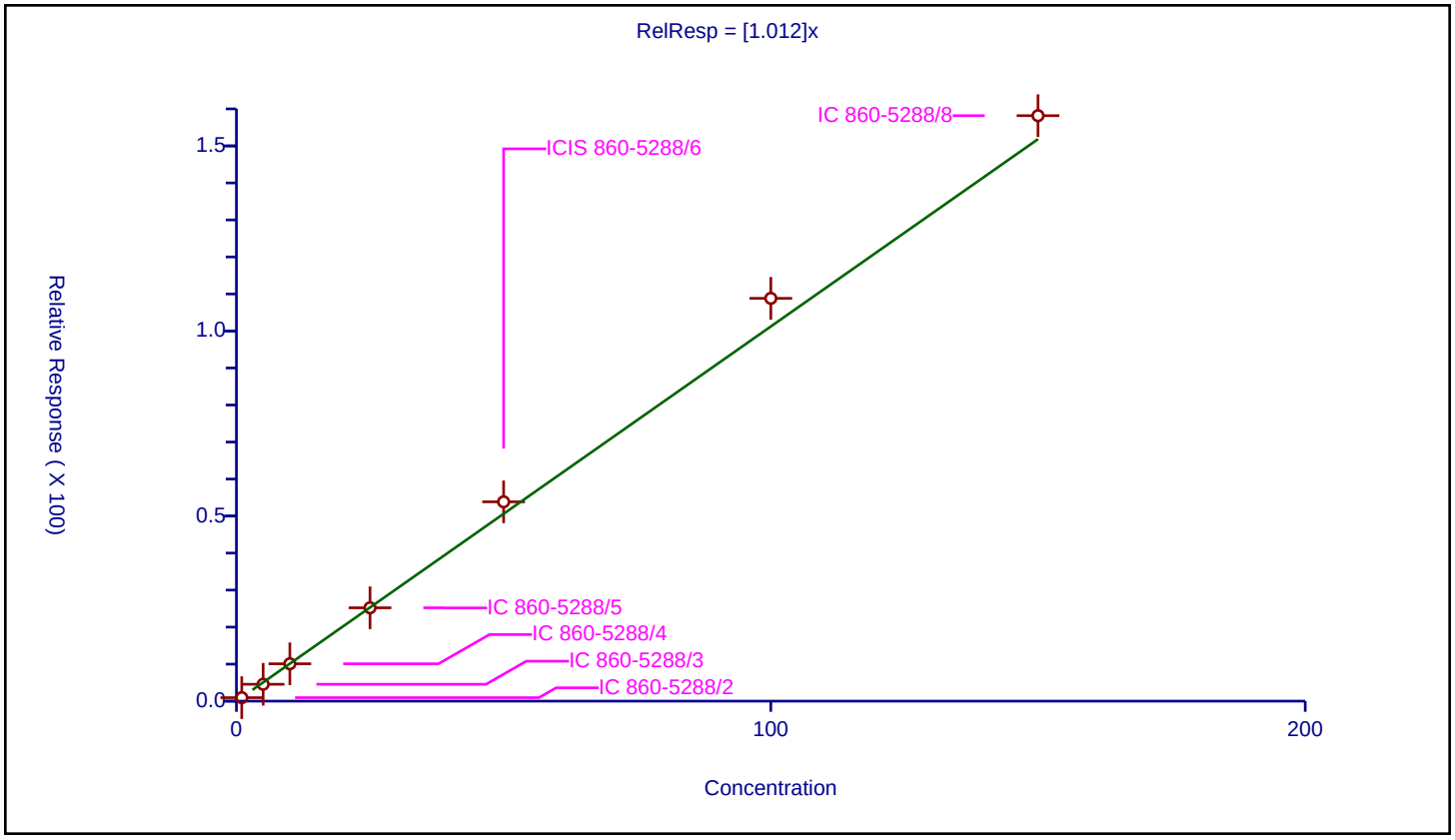
Curve Coefficients

Intercept:	0
Slope:	1.012

Error Coefficients

Standard Error:	1720000
Relative Standard Error:	6.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	0.936431	50.0	820135.0	0.936431	Y
2	IC 860-5288/3	5.0	4.557926	50.0	968774.0	0.911585	Y
3	IC 860-5288/4	10.0	10.091076	50.0	968643.0	1.009108	Y
4	IC 860-5288/5	25.0	25.21857	50.0	1003570.0	1.008743	Y
5	ICIS 860-5288/6	50.0	53.847426	50.0	1009610.0	1.076949	Y
6	IC 860-5288/7	100.0	108.816295	50.0	1029429.0	1.088163	Y
7	IC 860-5288/8	150.0	158.161873	50.0	1061325.0	1.054412	Y



Calibration / Acetonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

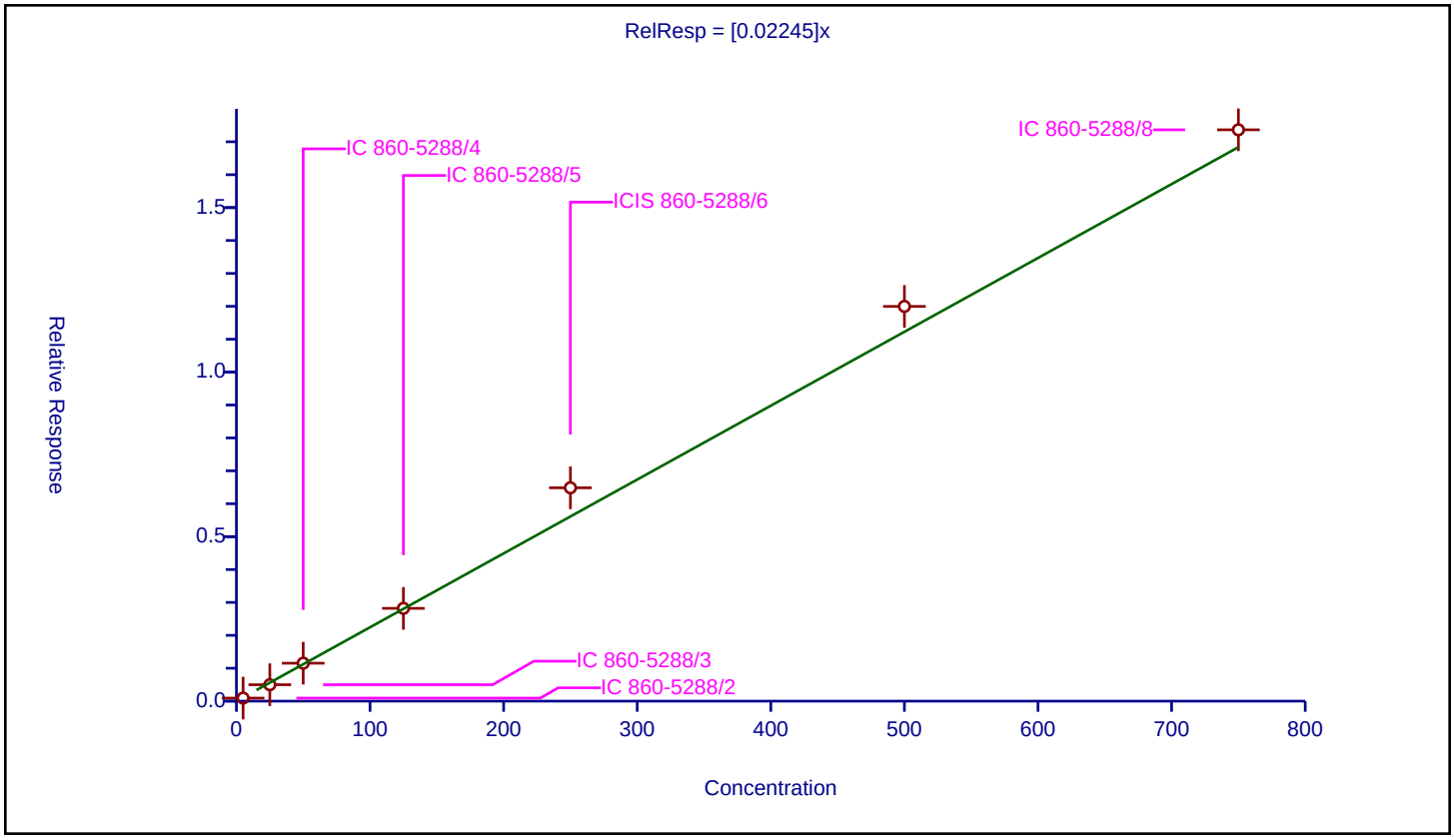
Curve Coefficients

Intercept:	0
Slope:	0.02245

Error Coefficients

Standard Error:	191000
Relative Standard Error:	11.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	5.0	0.092424	50.0	820135.0	0.018485	Y
2	IC 860-5288/3	25.0	0.498826	50.0	968774.0	0.019953	Y
3	IC 860-5288/4	50.0	1.153108	50.0	968643.0	0.023062	Y
4	IC 860-5288/5	125.0	2.820032	50.0	1003570.0	0.02256	Y
5	ICIS 860-5288/6	250.0	6.484088	50.0	1009610.0	0.025936	Y
6	IC 860-5288/7	500.0	11.997185	50.0	1029429.0	0.023994	Y
7	IC 860-5288/8	750.0	17.364474	50.0	1061325.0	0.023153	Y



Calibration / Methyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

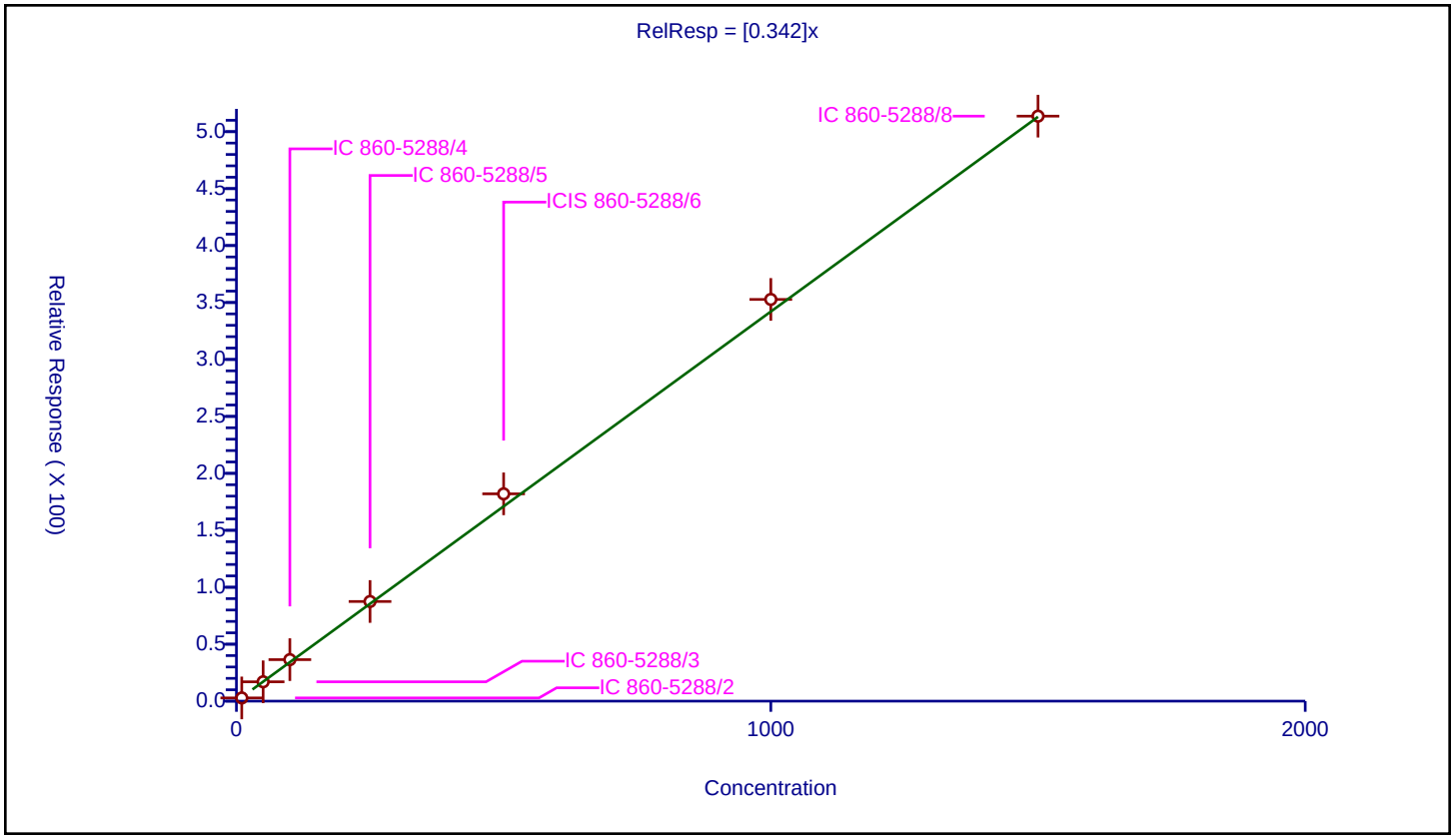
Curve Coefficients

Intercept:	0
Slope:	0.342

Error Coefficients

Standard Error:	5610000
Relative Standard Error:	8.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	10.0	2.808867	50.0	820135.0	0.280887	Y
2	IC 860-5288/3	50.0	16.98616	50.0	968774.0	0.339723	Y
3	IC 860-5288/4	100.0	36.44769	50.0	968643.0	0.364477	Y
4	IC 860-5288/5	250.0	87.503911	50.0	1003570.0	0.350016	Y
5	ICIS 860-5288/6	500.0	182.006072	50.0	1009610.0	0.364012	Y
6	IC 860-5288/7	1000.0	352.709075	50.0	1029429.0	0.352709	Y
7	IC 860-5288/8	1500.0	513.637387	50.0	1061325.0	0.342425	Y



Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

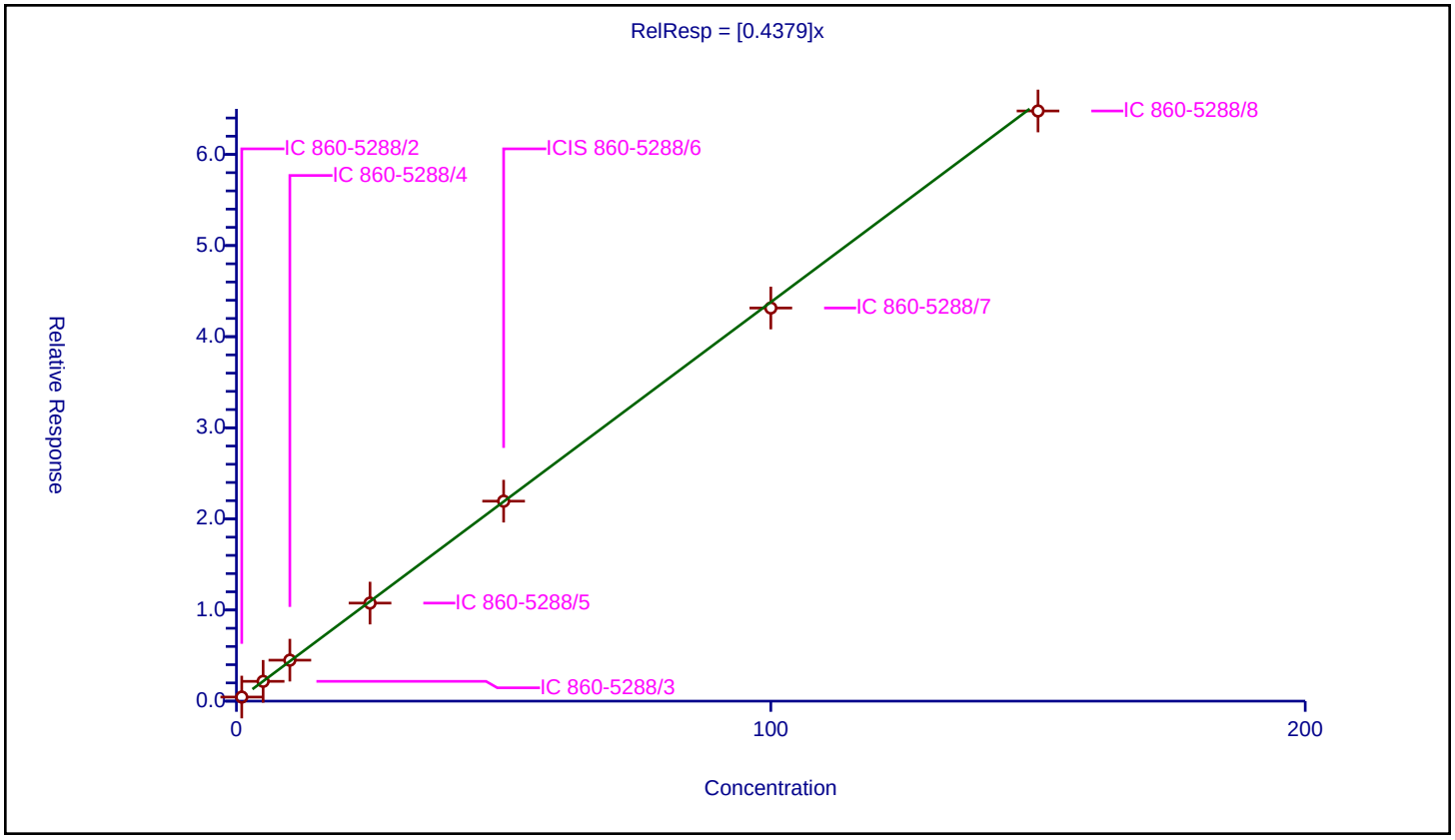
Curve Coefficients

Intercept:	0
Slope:	0.4379

Error Coefficients

Standard Error:	699000
Relative Standard Error:	1.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	0.448341	50.0	820135.0	0.448341	Y
2	IC 860-5288/3	5.0	2.172591	50.0	968774.0	0.434518	Y
3	IC 860-5288/4	10.0	4.498355	50.0	968643.0	0.449835	Y
4	IC 860-5288/5	25.0	10.761332	50.0	1003570.0	0.430453	Y
5	ICIS 860-5288/6	50.0	21.948871	50.0	1009610.0	0.438977	Y
6	IC 860-5288/7	100.0	43.147803	50.0	1029429.0	0.431478	Y
7	IC 860-5288/8	150.0	64.771206	50.0	1061325.0	0.431808	Y



Calibration / 2-Methyl-2-propanol

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

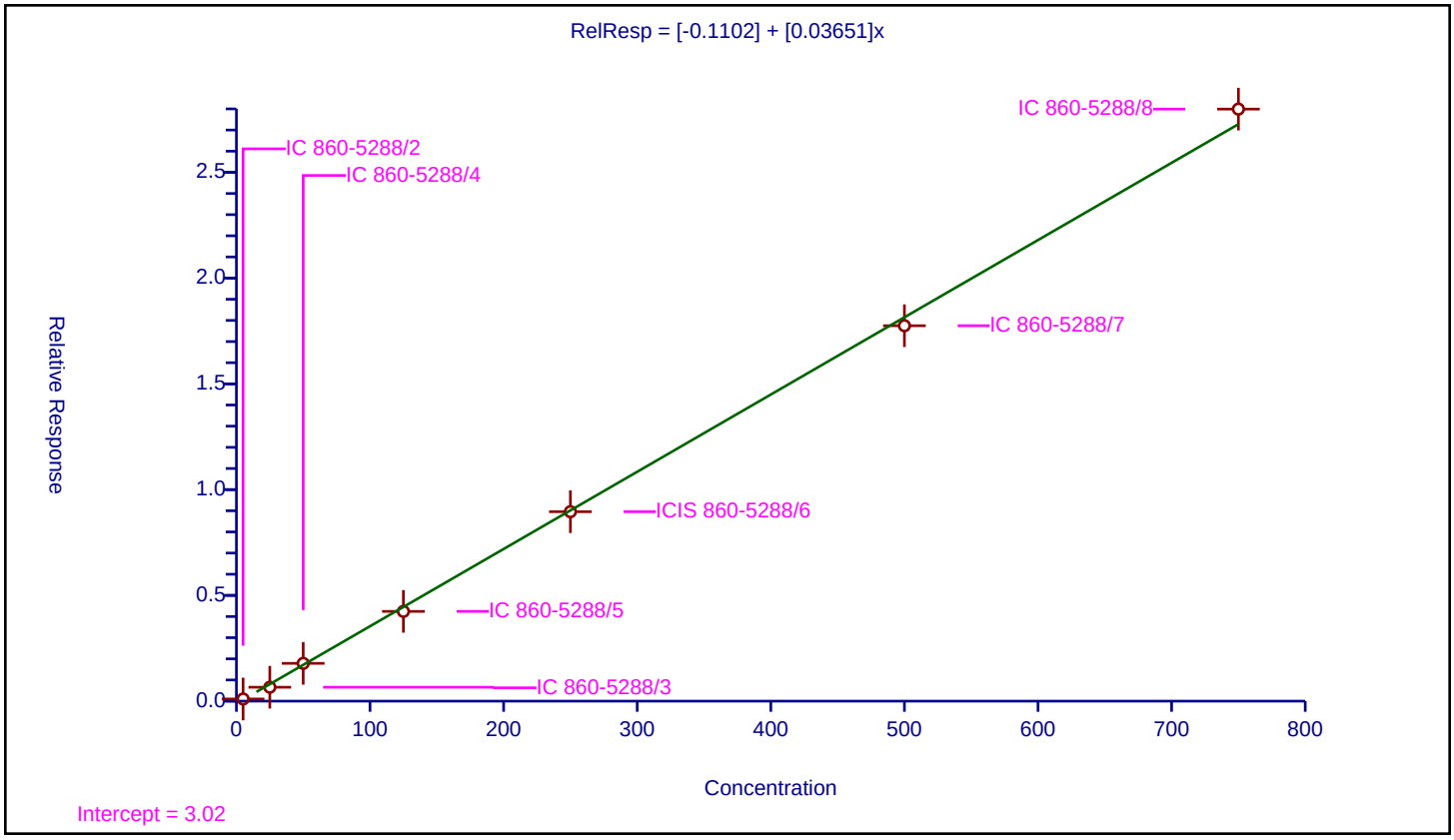
Curve Coefficients

Intercept:	-0.1102
Slope:	0.03651

Error Coefficients

Standard Error:	325000
Relative Standard Error:	10.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	5.0	0.103215	50.0	820135.0	0.020643	Y
2	IC 860-5288/3	25.0	0.657377	50.0	968774.0	0.026295	Y
3	IC 860-5288/4	50.0	1.786262	50.0	968643.0	0.035725	Y
4	IC 860-5288/5	125.0	4.243301	50.0	1003570.0	0.033946	Y
5	ICIS 860-5288/6	250.0	8.956082	50.0	1009610.0	0.035824	Y
6	IC 860-5288/7	500.0	17.748723	50.0	1029429.0	0.035497	Y
7	IC 860-5288/8	750.0	27.990107	50.0	1061325.0	0.03732	Y



Calibration / Acrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

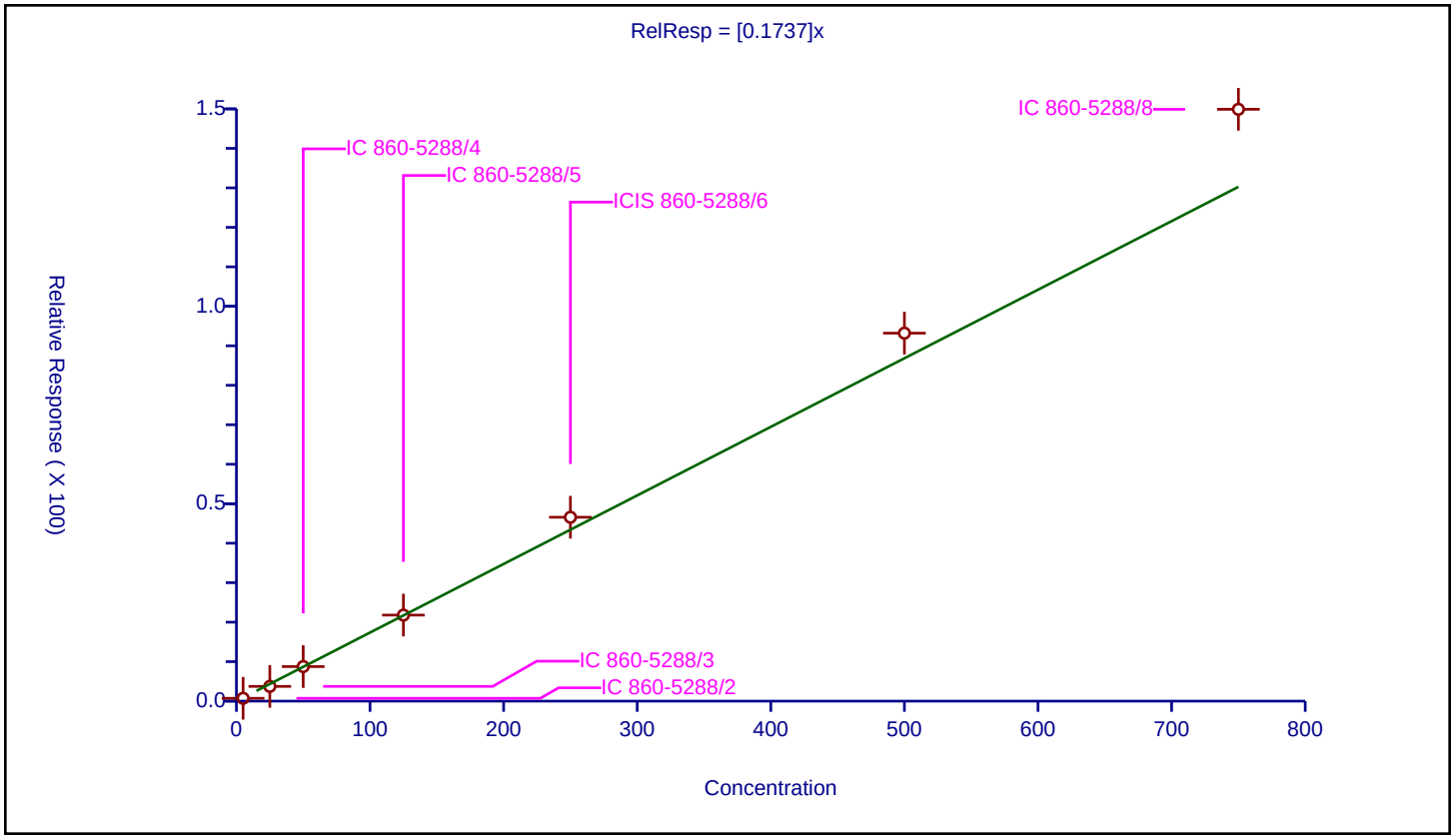
Curve Coefficients

Intercept:	0
Slope:	0.1737

Error Coefficients

Standard Error:	1580000
Relative Standard Error:	11.7
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	5.0	0.721589	50.0	820135.0	0.144318	Y
2	IC 860-5288/3	25.0	3.735856	50.0	968774.0	0.149434	Y
3	IC 860-5288/4	50.0	8.753586	50.0	968643.0	0.175072	Y
4	IC 860-5288/5	125.0	21.790159	50.0	1003570.0	0.174321	Y
5	ICIS 860-5288/6	250.0	46.575064	50.0	1009610.0	0.1863	Y
6	IC 860-5288/7	500.0	93.203708	50.0	1029429.0	0.186407	Y
7	IC 860-5288/8	750.0	149.895367	50.0	1061325.0	0.19986	Y



Calibration / trans-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

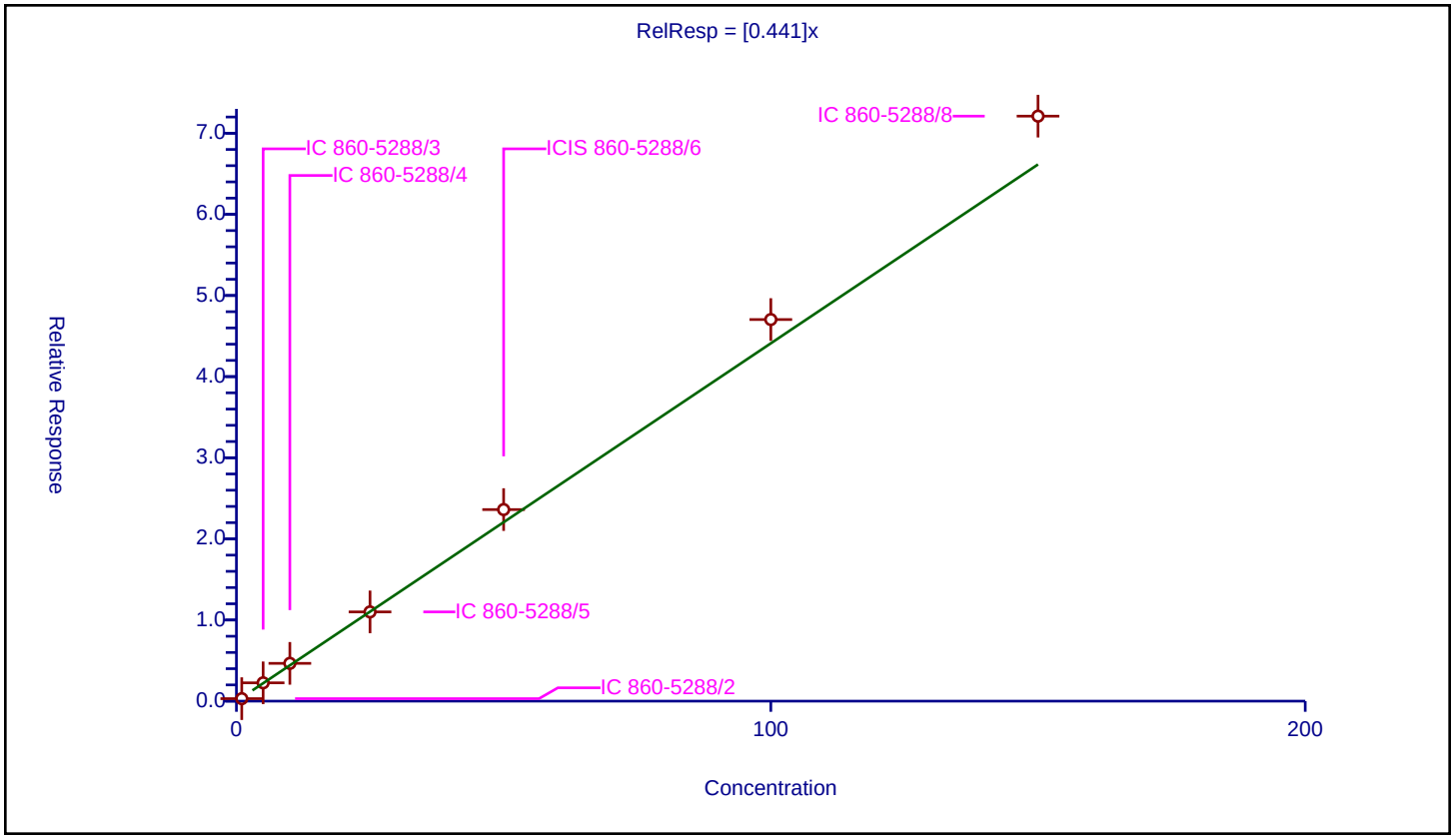
Curve Coefficients

Intercept:	0
Slope:	0.441

Error Coefficients

Standard Error:	771000
Relative Standard Error:	13.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	0.306718	50.0	820135.0	0.306718	Y
2	IC 860-5288/3	5.0	2.257234	50.0	968774.0	0.451447	Y
3	IC 860-5288/4	10.0	4.657443	50.0	968643.0	0.465744	Y
4	IC 860-5288/5	25.0	11.000877	50.0	1003570.0	0.440035	Y
5	ICIS 860-5288/6	50.0	23.611444	50.0	1009610.0	0.472229	Y
6	IC 860-5288/7	100.0	47.035347	50.0	1029429.0	0.470353	Y
7	IC 860-5288/8	150.0	72.107036	50.0	1061325.0	0.480714	Y



Calibration / Methyl tert-butyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

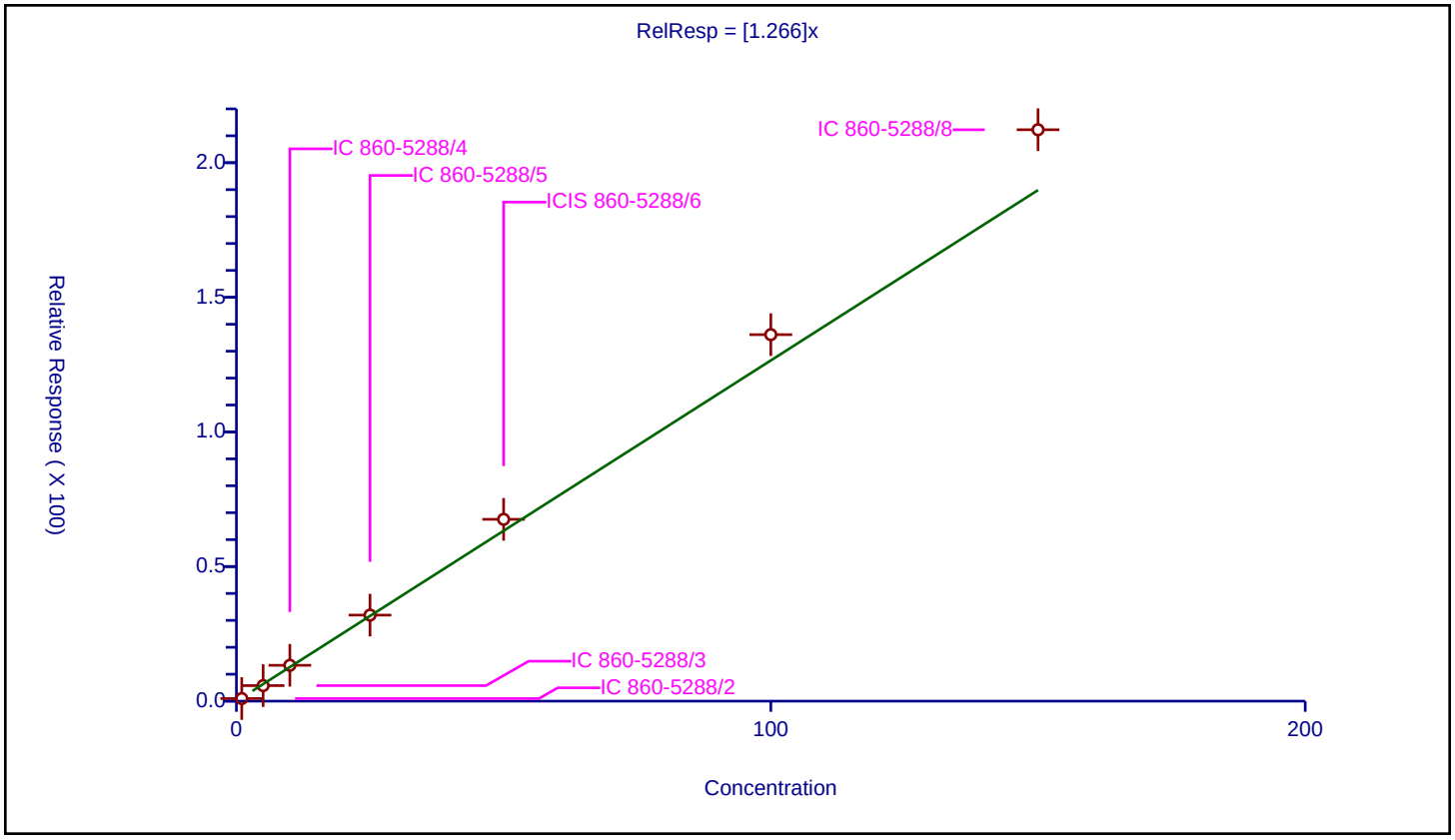
Curve Coefficients

Intercept:	0
Slope:	1.266

Error Coefficients

Standard Error:	2250000
Relative Standard Error:	12.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	0.968438	50.0	820135.0	0.968438	Y
2	IC 860-5288/3	5.0	5.768786	50.0	968774.0	1.153757	Y
3	IC 860-5288/4	10.0	13.310631	50.0	968643.0	1.331063	Y
4	IC 860-5288/5	25.0	31.961348	50.0	1003570.0	1.278454	Y
5	ICIS 860-5288/6	50.0	67.543755	50.0	1009610.0	1.350875	Y
6	IC 860-5288/7	100.0	136.143386	50.0	1029429.0	1.361434	Y
7	IC 860-5288/8	150.0	212.251808	50.0	1061325.0	1.415012	Y



Calibration / Hexane

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

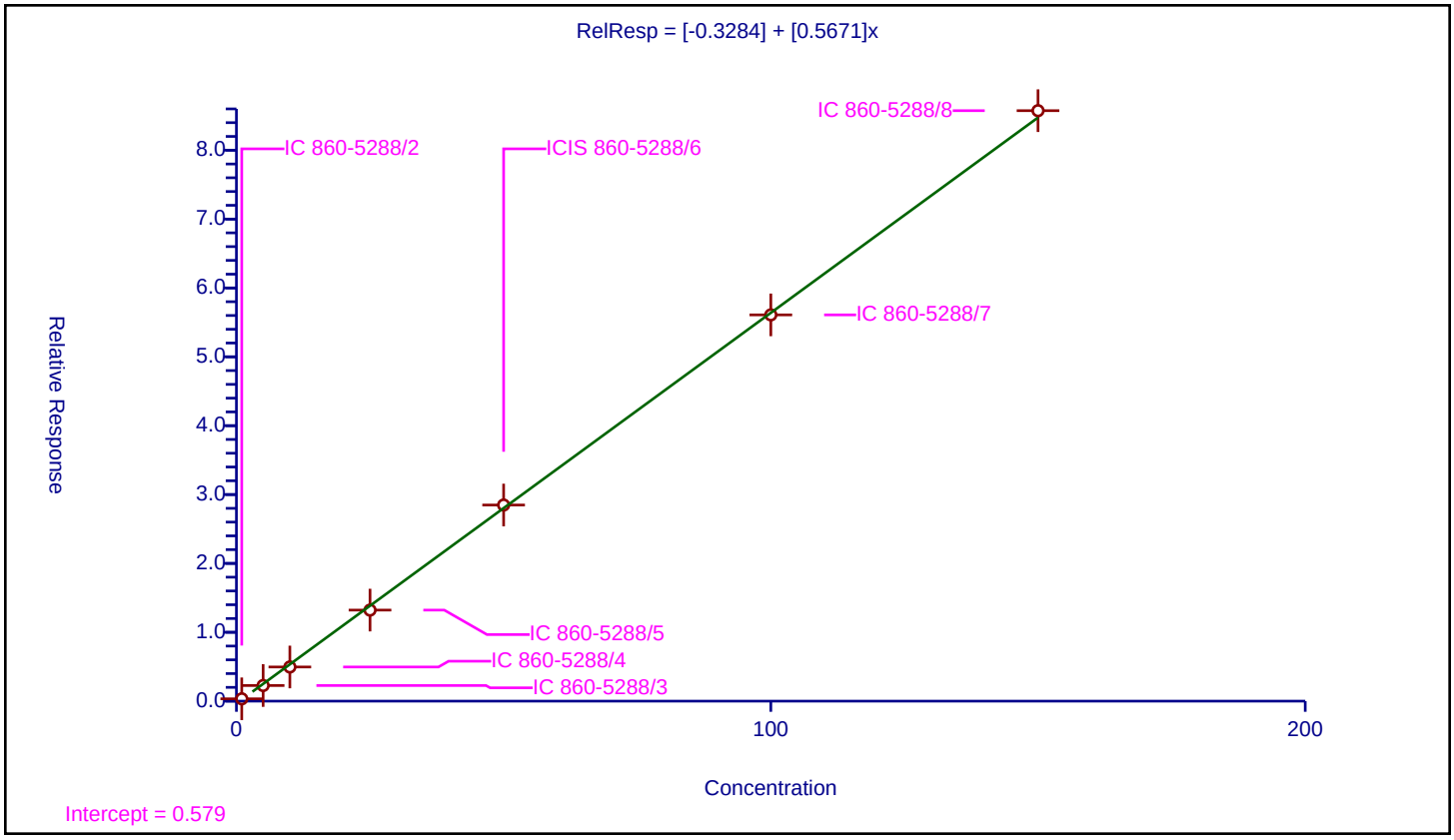
Curve Coefficients

Intercept:	-0.3284
Slope:	0.5671

Error Coefficients

Standard Error:	1010000
Relative Standard Error:	9.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	0.336896	50.0	820135.0	0.336896	Y
2	IC 860-5288/3	5.0	2.269518	50.0	968774.0	0.453904	Y
3	IC 860-5288/4	10.0	4.961942	50.0	968643.0	0.496194	Y
4	IC 860-5288/5	25.0	13.220702	50.0	1003570.0	0.528828	Y
5	ICIS 860-5288/6	50.0	28.477481	50.0	1009610.0	0.56955	Y
6	IC 860-5288/7	100.0	56.088715	50.0	1029429.0	0.560887	Y
7	IC 860-5288/8	150.0	85.74056	50.0	1061325.0	0.571604	Y



Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

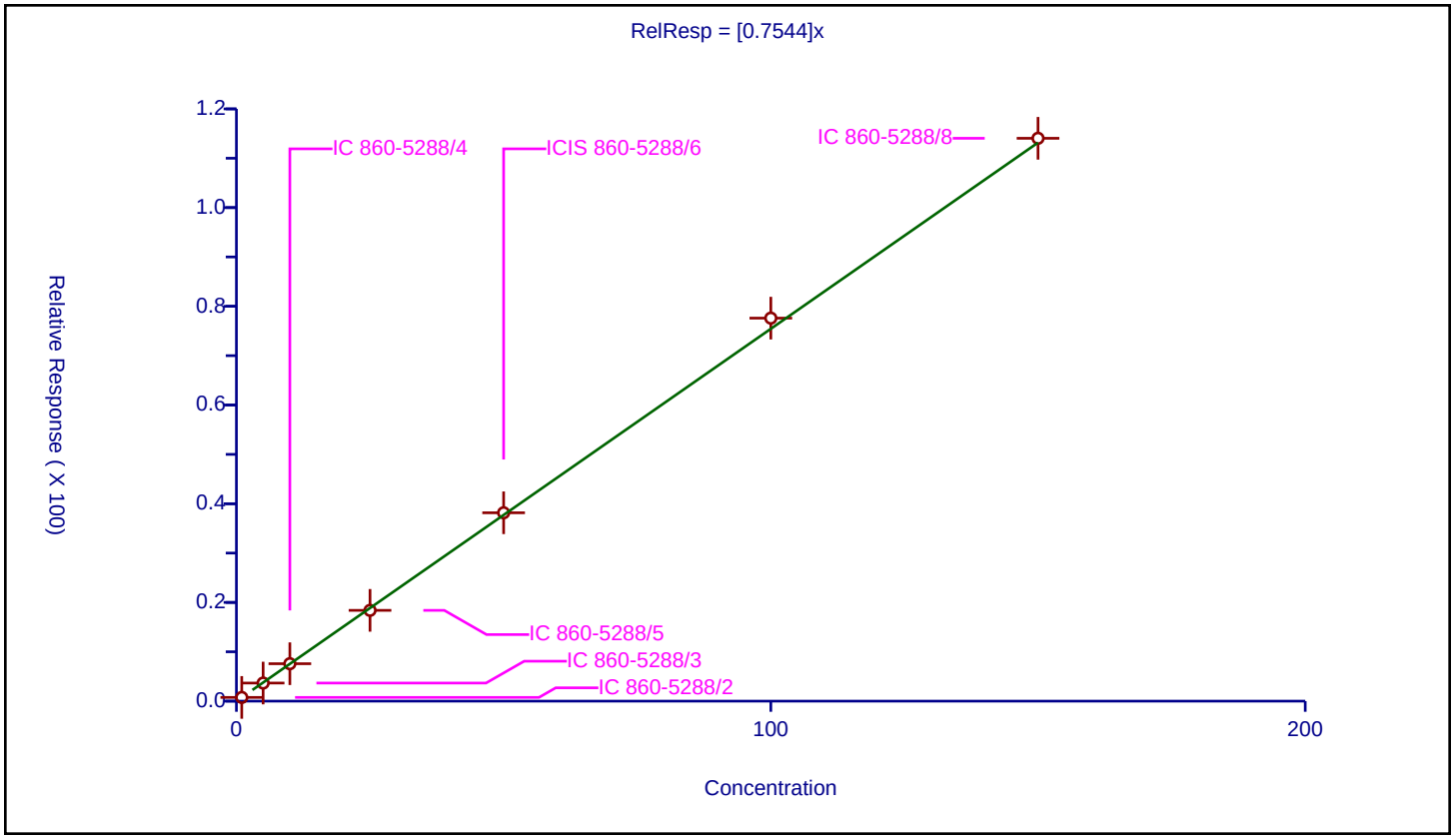
Curve Coefficients

Intercept:	0
Slope:	0.7544

Error Coefficients

Standard Error:	1240000
Relative Standard Error:	2.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	0.753839	50.0	820135.0	0.753839	Y
2	IC 860-5288/3	5.0	3.665045	50.0	968774.0	0.733009	Y
3	IC 860-5288/4	10.0	7.586386	50.0	968643.0	0.758639	Y
4	IC 860-5288/5	25.0	18.395777	50.0	1003570.0	0.735831	Y
5	ICIS 860-5288/6	50.0	38.16548	50.0	1009610.0	0.76331	Y
6	IC 860-5288/7	100.0	77.603652	50.0	1029429.0	0.776037	Y
7	IC 860-5288/8	150.0	114.043954	50.0	1061325.0	0.760293	Y



Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

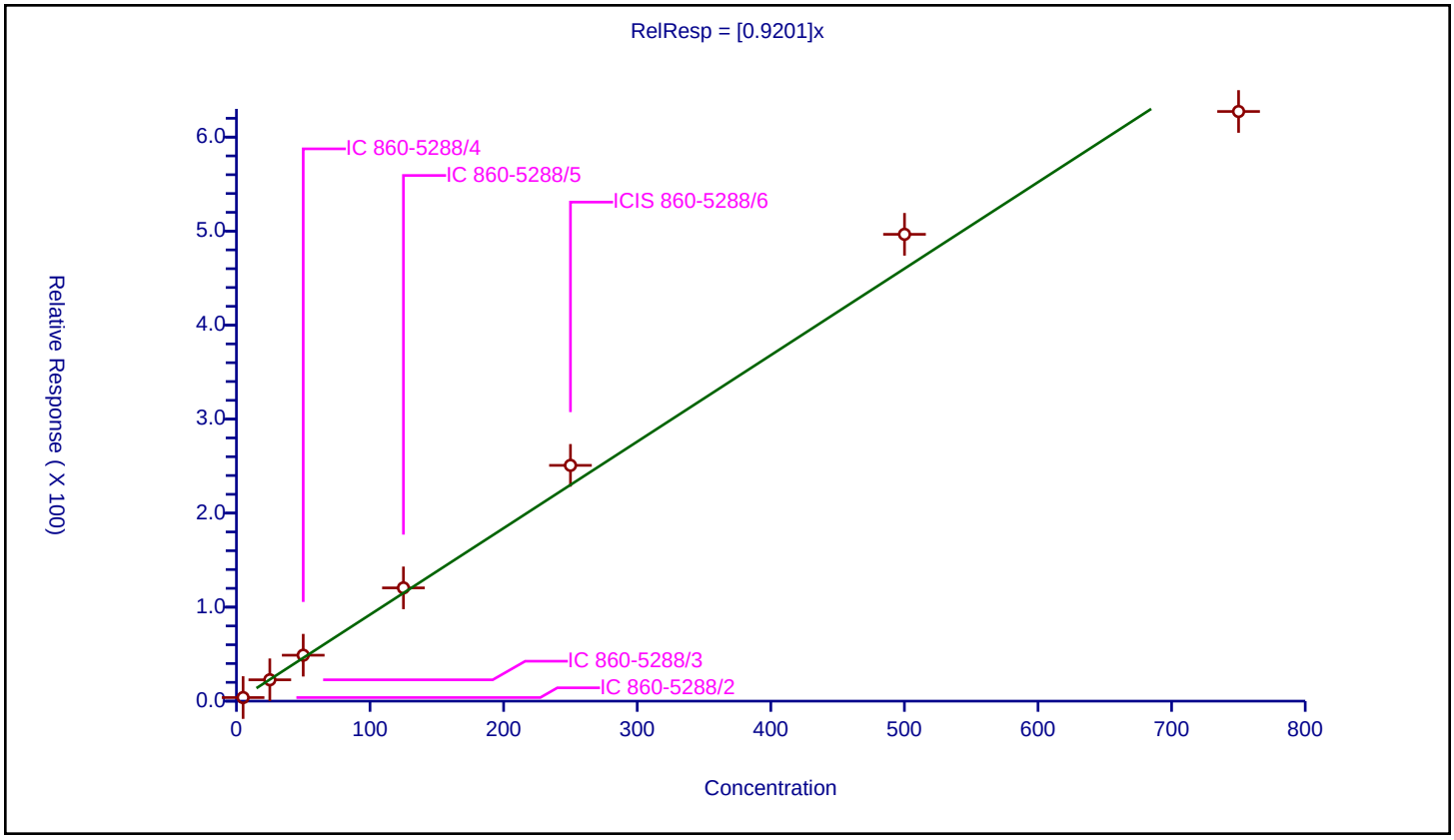
Curve Coefficients

Intercept:	0
Slope:	0.9201

Error Coefficients

Standard Error:	7240000
Relative Standard Error:	9.9
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	5.00088	3.79974	50.0	820135.0	0.759814	Y
2	IC 860-5288/3	25.0044	22.701321	50.0	968774.0	0.907893	Y
3	IC 860-5288/4	50.0088	48.84875	50.0	968643.0	0.976803	Y
4	IC 860-5288/5	125.022	120.48168	50.0	1003570.0	0.963684	Y
5	ICIS 860-5288/6	250.044	250.805311	50.0	1009610.0	1.003045	Y
6	IC 860-5288/7	500.088	496.587866	50.0	1029429.0	0.993001	Y
7	IC 860-5288/8	750.132	627.246885	50.0	1061325.0	0.836182	Y



Calibration / Isopropyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

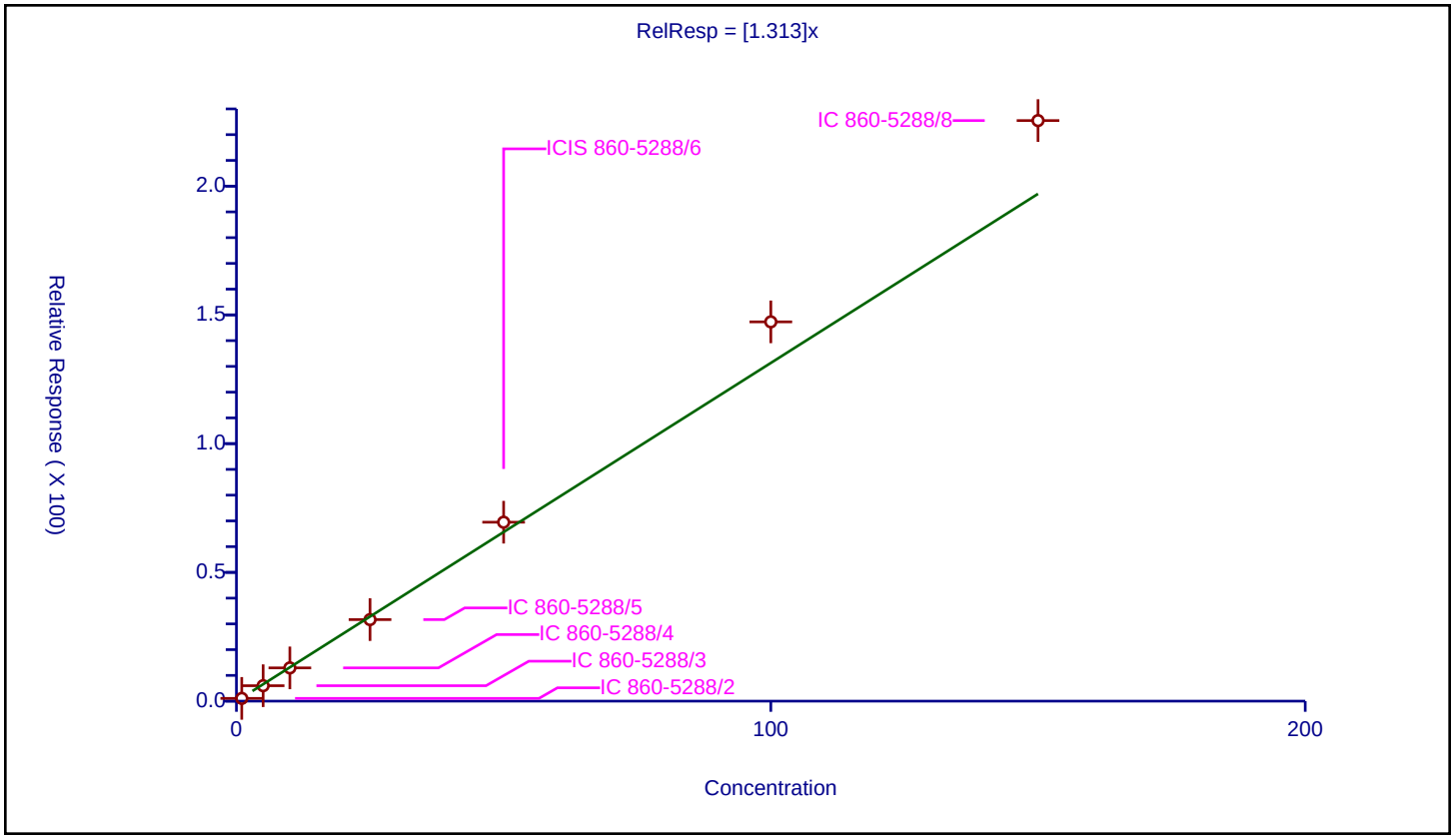
Curve Coefficients

Intercept:	0
Slope:	1.313

Error Coefficients

Standard Error:	2400000
Relative Standard Error:	11.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	1.070799	50.0	820135.0	1.070799	Y
2	IC 860-5288/3	5.0	5.996806	50.0	968774.0	1.199361	Y
3	IC 860-5288/4	10.0	12.90971	50.0	968643.0	1.290971	Y
4	IC 860-5288/5	25.0	31.663611	50.0	1003570.0	1.266544	Y
5	ICIS 860-5288/6	50.0	69.489902	50.0	1009610.0	1.389798	Y
6	IC 860-5288/7	100.0	147.295734	50.0	1029429.0	1.472957	Y
7	IC 860-5288/8	150.0	225.461145	50.0	1061325.0	1.503074	Y



Calibration / Tert-butyl ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

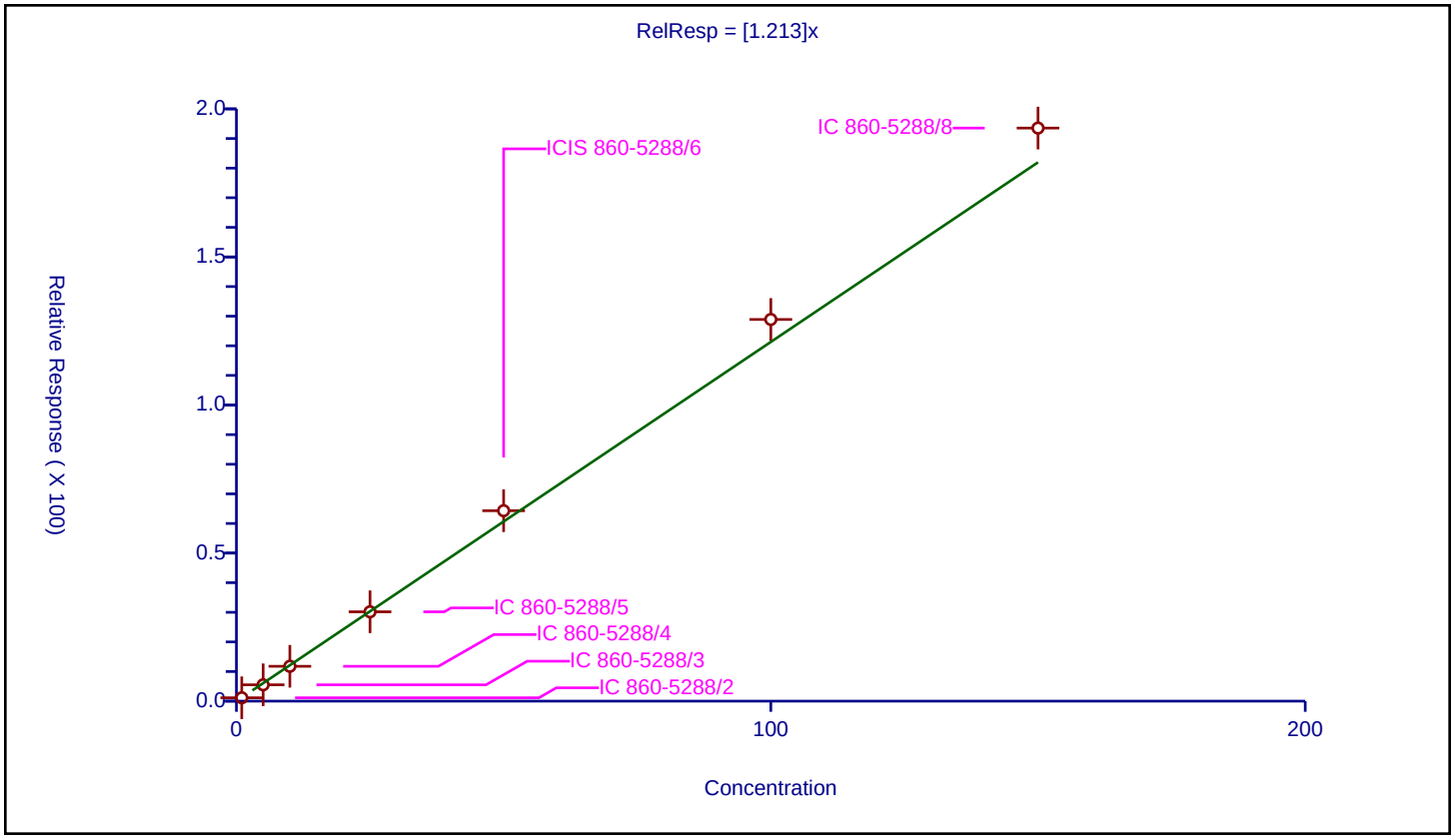
Curve Coefficients

Intercept:	0
Slope:	1.213

Error Coefficients

Standard Error:	2080000
Relative Standard Error:	6.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	1.138898	50.0	820135.0	1.138898	Y
2	IC 860-5288/3	5.0	5.515167	50.0	968774.0	1.103033	Y
3	IC 860-5288/4	10.0	11.771571	50.0	968643.0	1.177157	Y
4	IC 860-5288/5	25.0	30.17074	50.0	1003570.0	1.20683	Y
5	ICIS 860-5288/6	50.0	64.303493	50.0	1009610.0	1.28607	Y
6	IC 860-5288/7	100.0	128.891648	50.0	1029429.0	1.288916	Y
7	IC 860-5288/8	150.0	193.525075	50.0	1061325.0	1.290167	Y



Calibration / 2,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

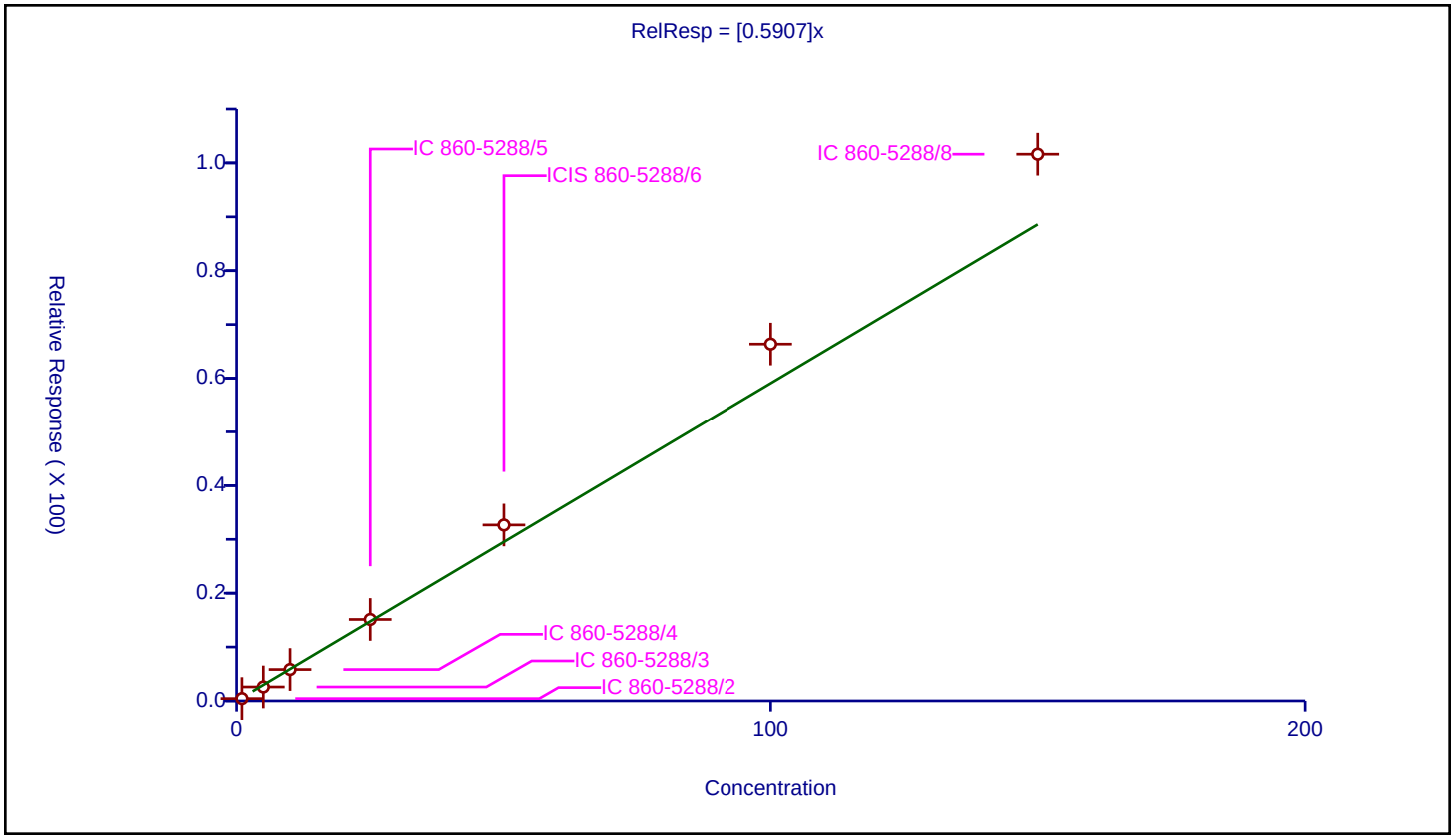
Curve Coefficients

Intercept:	0
Slope:	0.5907

Error Coefficients

Standard Error:	1080000
Relative Standard Error:	14.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	0.43438	50.0	820135.0	0.43438	Y
2	IC 860-5288/3	5.0	2.592091	50.0	968774.0	0.518418	Y
3	IC 860-5288/4	10.0	5.82454	50.0	968643.0	0.582454	Y
4	IC 860-5288/5	25.0	15.121018	50.0	1003570.0	0.604841	Y
5	ICIS 860-5288/6	50.0	32.670932	50.0	1009610.0	0.653419	Y
6	IC 860-5288/7	100.0	66.363197	50.0	1029429.0	0.663632	Y
7	IC 860-5288/8	150.0	101.619532	50.0	1061325.0	0.677464	Y



Calibration / cis-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

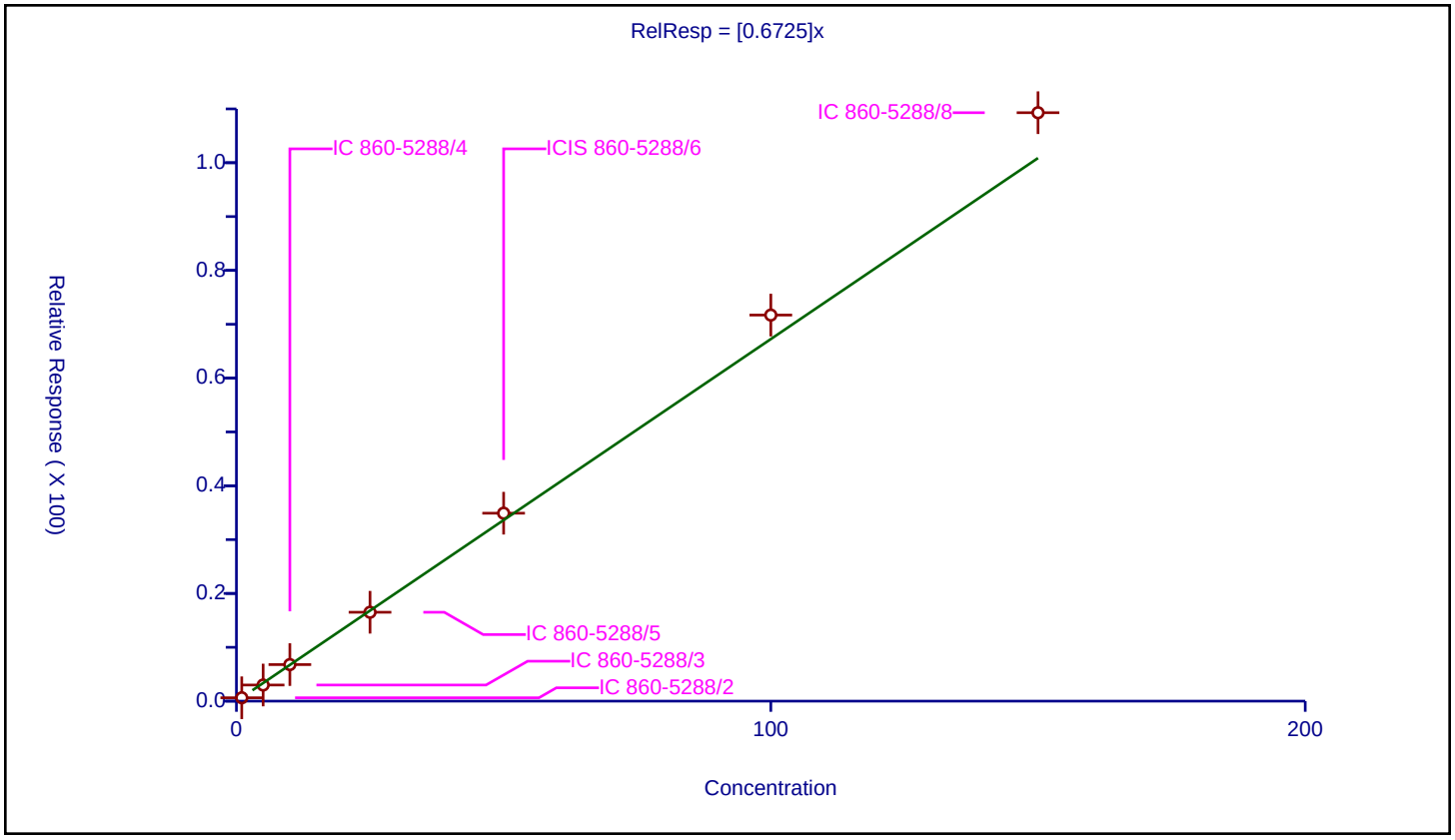
Curve Coefficients

Intercept:	0
Slope:	0.6725

Error Coefficients

Standard Error:	1170000
Relative Standard Error:	7.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	0.625385	50.0	820135.0	0.625385	Y
2	IC 860-5288/3	5.0	2.992855	50.0	968774.0	0.598571	Y
3	IC 860-5288/4	10.0	6.791511	50.0	968643.0	0.679151	Y
4	IC 860-5288/5	25.0	16.508066	50.0	1003570.0	0.660323	Y
5	ICIS 860-5288/6	50.0	34.906944	50.0	1009610.0	0.698139	Y
6	IC 860-5288/7	100.0	71.704605	50.0	1029429.0	0.717046	Y
7	IC 860-5288/8	150.0	109.293572	50.0	1061325.0	0.728624	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

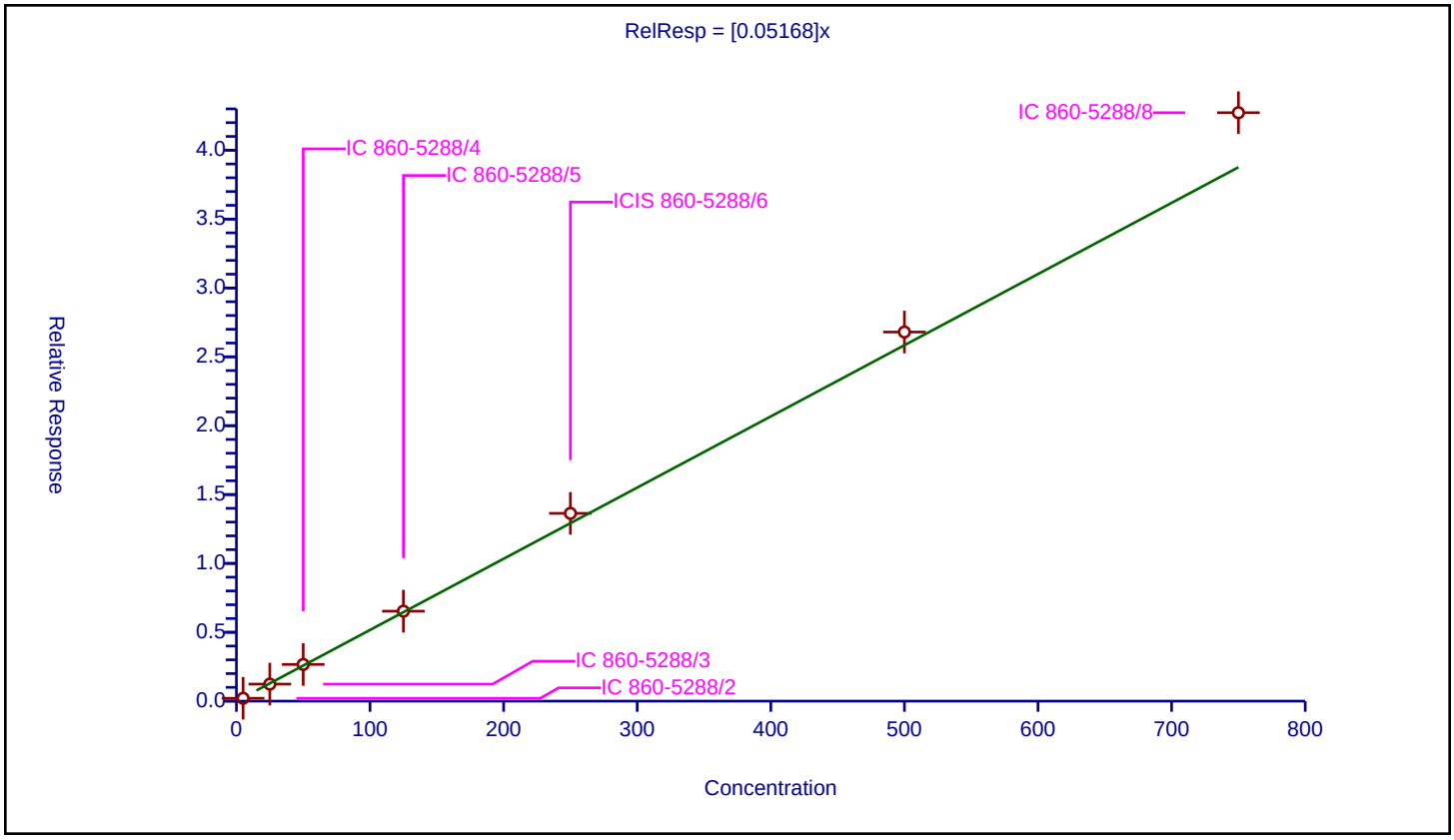
Curve Coefficients

Intercept:	0
Slope:	0.05168

Error Coefficients

Standard Error:	451000
Relative Standard Error:	9.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	5.0	0.208197	50.0	820135.0	0.041639	Y
2	IC 860-5288/3	25.0	1.236356	50.0	968774.0	0.049454	Y
3	IC 860-5288/4	50.0	2.666204	50.0	968643.0	0.053324	Y
4	IC 860-5288/5	125.0	6.530984	50.0	1003570.0	0.052248	Y
5	ICIS 860-5288/6	250.0	13.634819	50.0	1009610.0	0.054539	Y
6	IC 860-5288/7	500.0	26.798497	50.0	1029429.0	0.053597	Y
7	IC 860-5288/8	750.0	42.723011	50.0	1061325.0	0.056964	Y



Calibration / Chlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

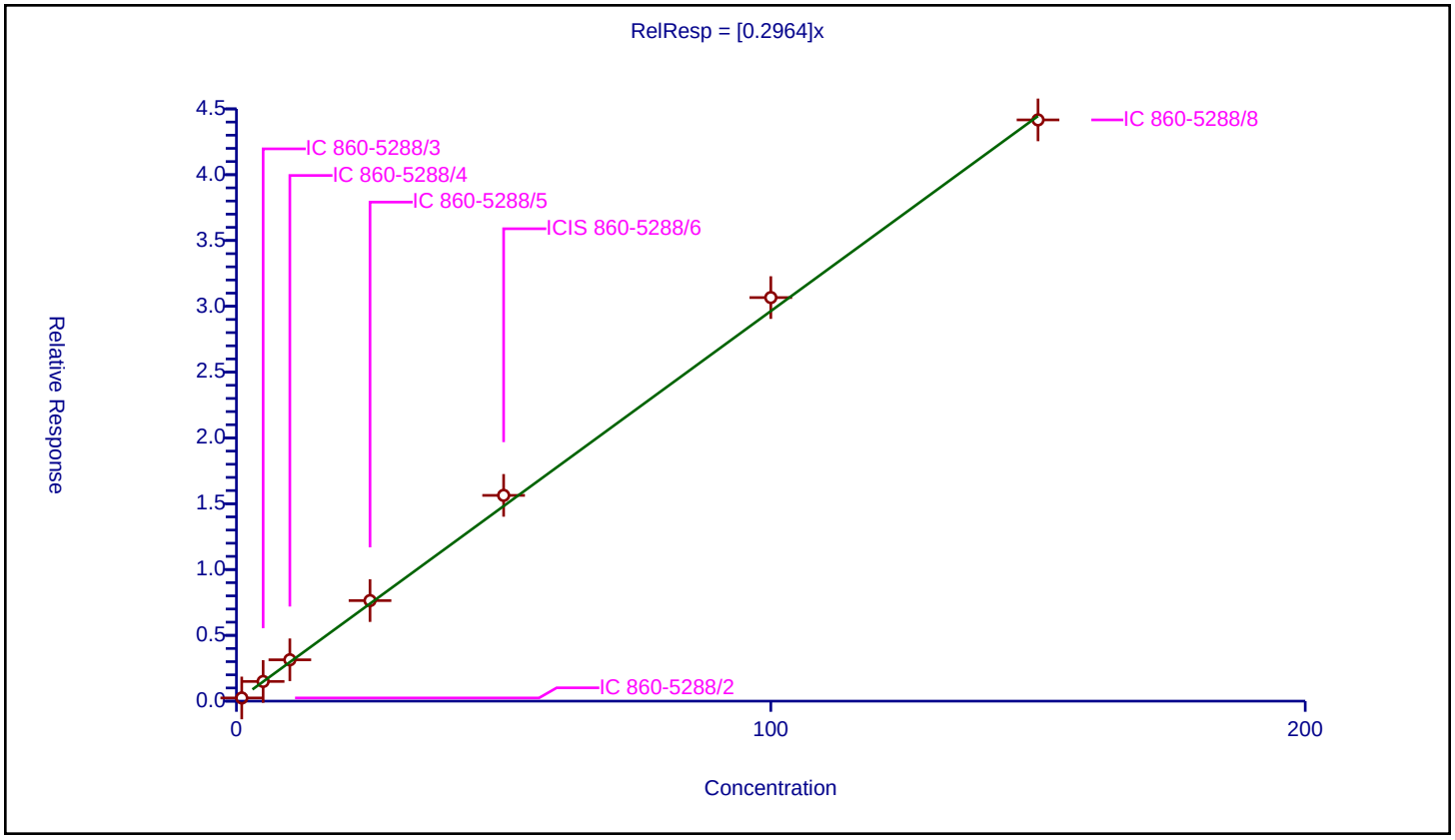
Curve Coefficients

Intercept:	0
Slope:	0.2964

Error Coefficients

Standard Error:	484000
Relative Standard Error:	8.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	0.24185	50.0	820135.0	0.24185	Y
2	IC 860-5288/3	5.0	1.496015	50.0	968774.0	0.299203	Y
3	IC 860-5288/4	10.0	3.141663	50.0	968643.0	0.314166	Y
4	IC 860-5288/5	25.0	7.640972	50.0	1003570.0	0.305639	Y
5	ICIS 860-5288/6	50.0	15.634403	50.0	1009610.0	0.312688	Y
6	IC 860-5288/7	100.0	30.664669	50.0	1029429.0	0.306647	Y
7	IC 860-5288/8	150.0	44.164935	50.0	1061325.0	0.294433	Y



Calibration / Tetrahydrofuran

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

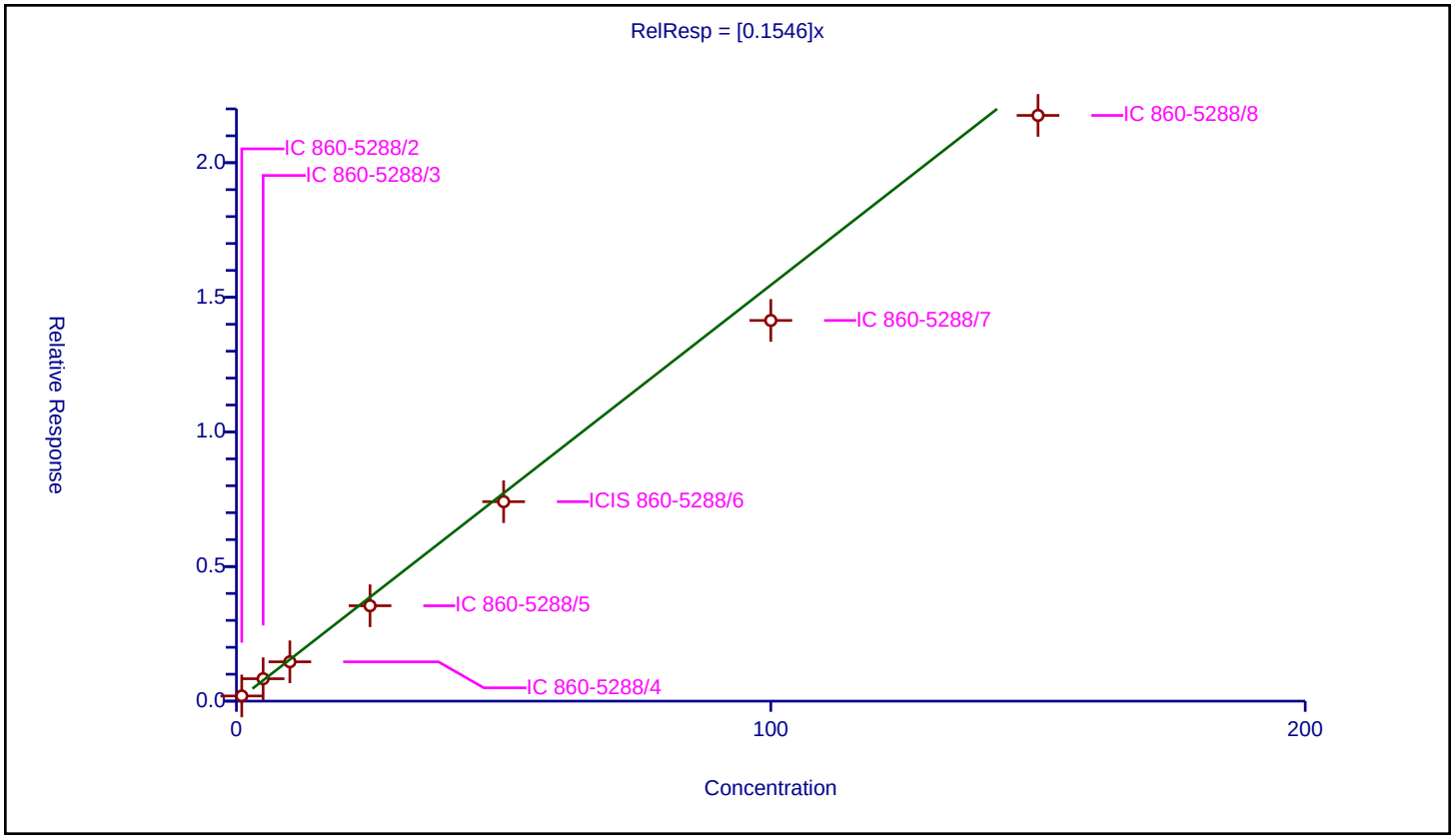
Curve Coefficients

Intercept:	0
Slope:	0.1546

Error Coefficients

Standard Error:	233000
Relative Standard Error:	12.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	0.192895	50.0	820135.0	0.192895	Y
2	IC 860-5288/3	5.0	0.832702	50.0	968774.0	0.16654	Y
3	IC 860-5288/4	10.0	1.460445	50.0	968643.0	0.146045	Y
4	IC 860-5288/5	25.0	3.543151	50.0	1003570.0	0.141726	Y
5	ICIS 860-5288/6	50.0	7.409396	50.0	1009610.0	0.148188	Y
6	IC 860-5288/7	100.0	14.141335	50.0	1029429.0	0.141413	Y
7	IC 860-5288/8	150.0	21.757614	50.0	1061325.0	0.145051	Y



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

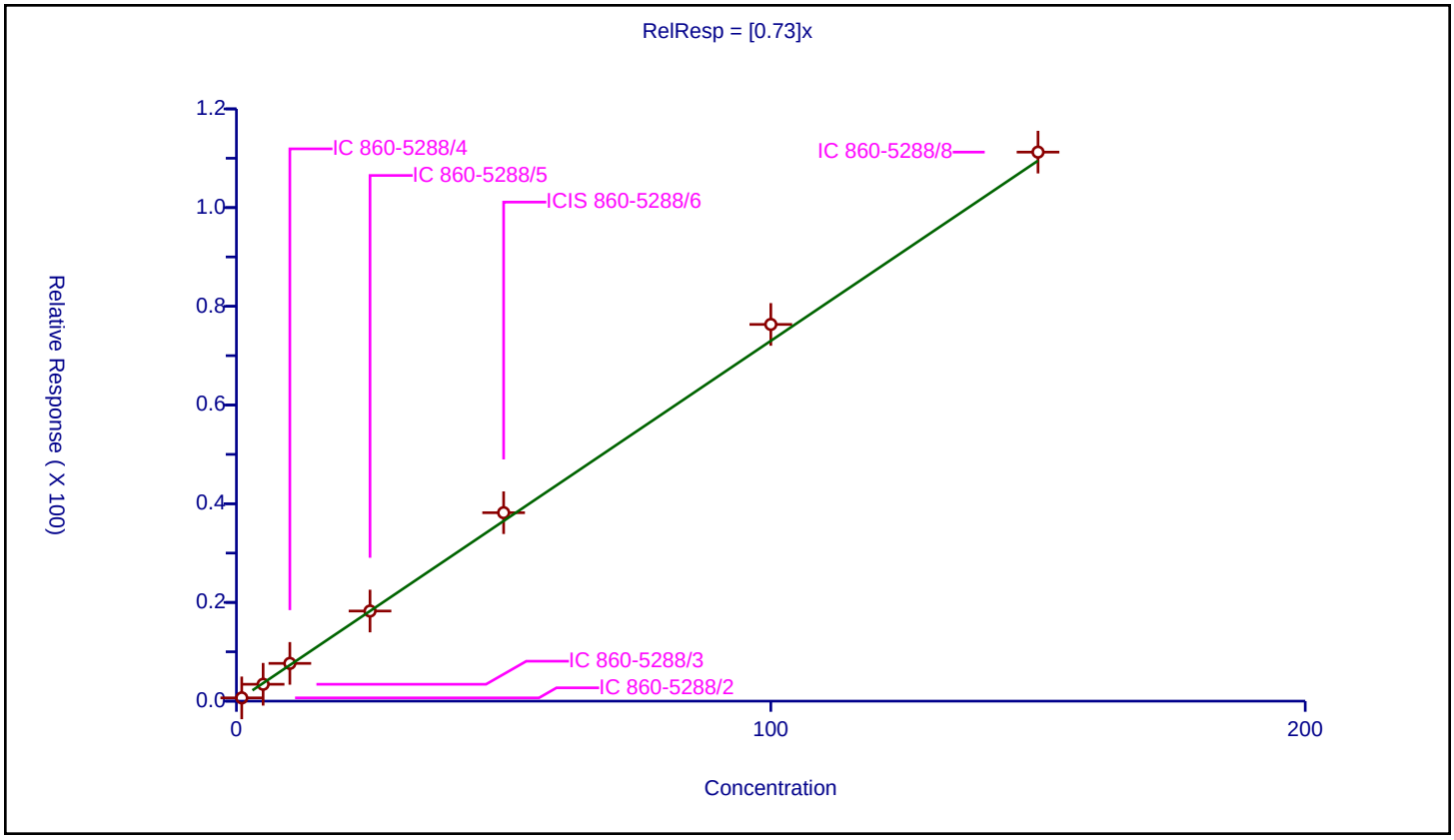
Curve Coefficients

Intercept:	0
Slope:	0.73

Error Coefficients

Standard Error:	1210000
Relative Standard Error:	5.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	0.66233	50.0	820135.0	0.66233	Y
2	IC 860-5288/3	5.0	3.420715	50.0	968774.0	0.684143	Y
3	IC 860-5288/4	10.0	7.648948	50.0	968643.0	0.764895	Y
4	IC 860-5288/5	25.0	18.259514	50.0	1003570.0	0.730381	Y
5	ICIS 860-5288/6	50.0	38.182615	50.0	1009610.0	0.763652	Y
6	IC 860-5288/7	100.0	76.333191	50.0	1029429.0	0.763332	Y
7	IC 860-5288/8	150.0	111.238923	50.0	1061325.0	0.741593	Y



Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

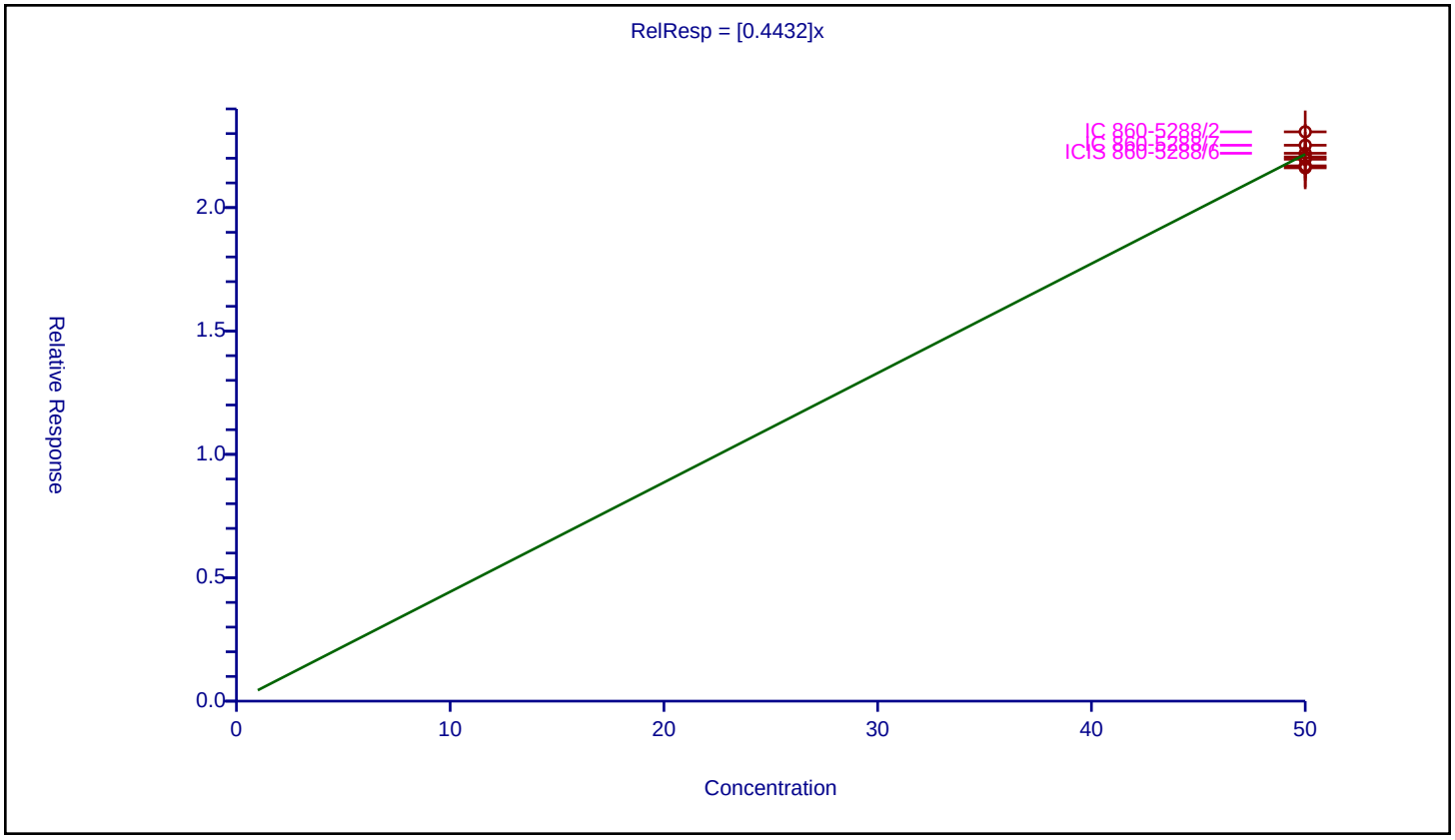
Curve Coefficients

Intercept:	0
Slope:	0.4432

Error Coefficients

Standard Error:	470000
Relative Standard Error:	2.3
Correlation Coefficient:	0.00000000000000000000
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	50.0	23.069495	50.0	820135.0	0.46139	Y
2	IC 860-5288/3	50.0	21.960075	50.0	968774.0	0.439202	Y
3	IC 860-5288/4	50.0	21.611781	50.0	968643.0	0.432236	Y
4	IC 860-5288/5	50.0	21.692857	50.0	1003570.0	0.433857	Y
5	ICIS 860-5288/6	50.0	22.202137	50.0	1009610.0	0.444043	Y
6	IC 860-5288/7	50.0	22.527003	50.0	1029429.0	0.45054	Y
7	IC 860-5288/8	50.0	22.055355	50.0	1061325.0	0.441107	Y



Calibration / 1,1,1-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

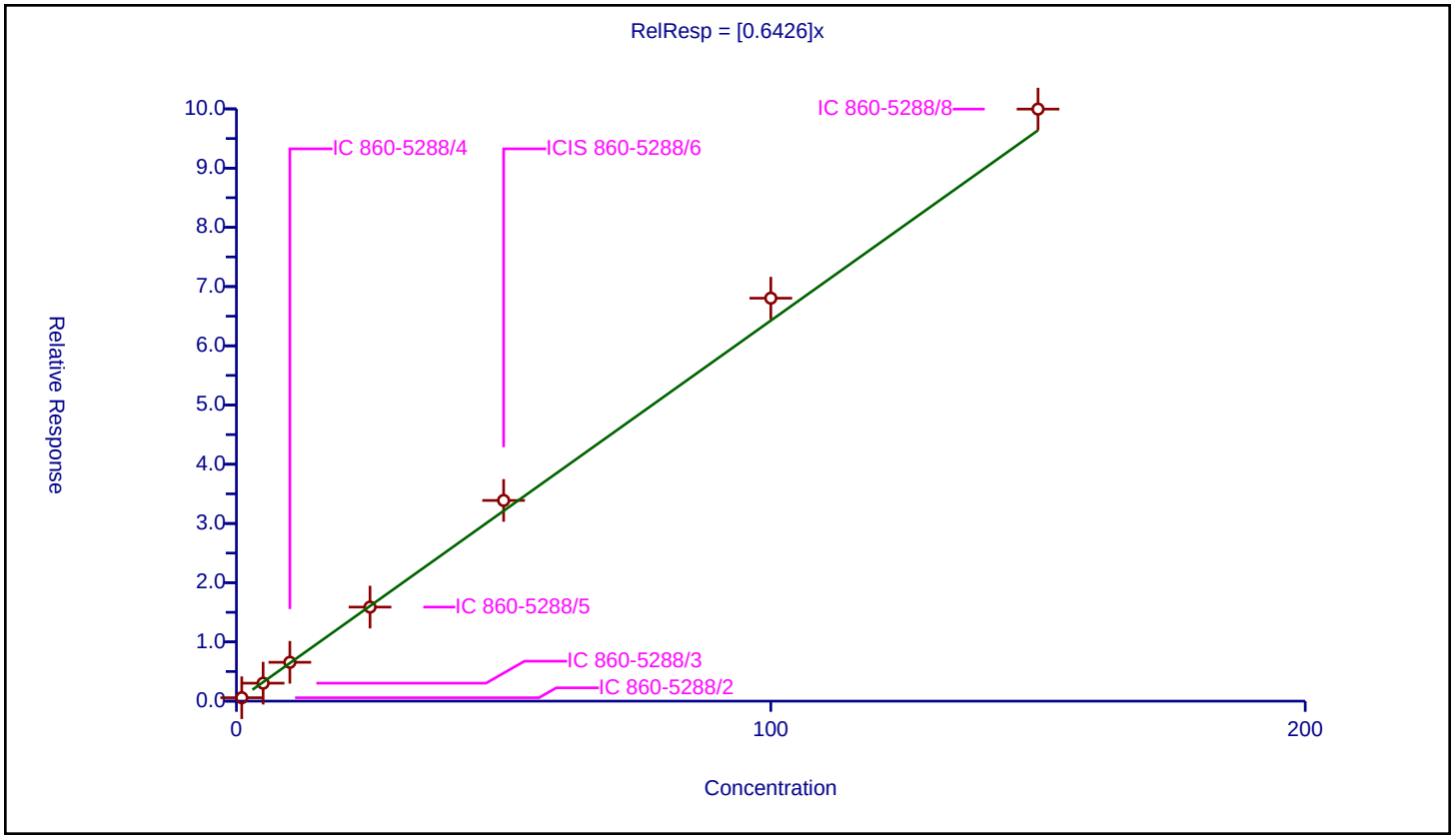
Curve Coefficients

Intercept:	0
Slope:	0.6426

Error Coefficients

Standard Error:	1080000
Relative Standard Error:	6.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	0.575637	50.0	820135.0	0.575637	Y
2	IC 860-5288/3	5.0	3.031667	50.0	968774.0	0.606333	Y
3	IC 860-5288/4	10.0	6.560208	50.0	968643.0	0.656021	Y
4	IC 860-5288/5	25.0	15.88225	50.0	1003570.0	0.63529	Y
5	ICIS 860-5288/6	50.0	33.887343	50.0	1009610.0	0.677747	Y
6	IC 860-5288/7	100.0	68.041167	50.0	1029429.0	0.680412	Y
7	IC 860-5288/8	150.0	99.962877	50.0	1061325.0	0.666419	Y



Calibration / Cyclohexane

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

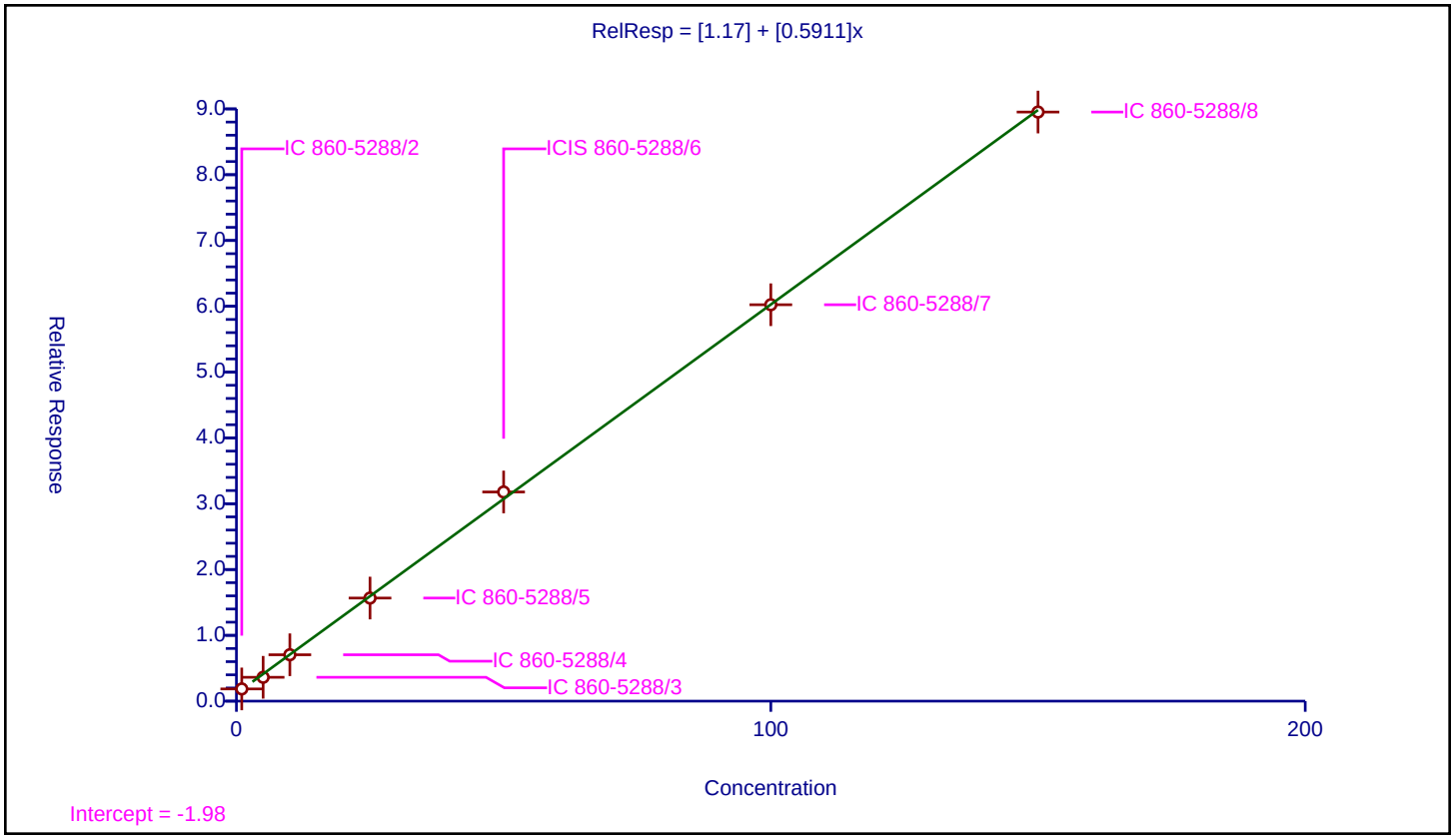
Curve Coefficients

Intercept:	1.17
Slope:	0.5911

Error Coefficients

Standard Error:	1070000
Relative Standard Error:	10.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	1.85695	50.0	820135.0	1.85695	Y
2	IC 860-5288/3	5.0	3.623652	50.0	968774.0	0.72473	Y
3	IC 860-5288/4	10.0	7.04914	50.0	968643.0	0.704914	Y
4	IC 860-5288/5	25.0	15.667069	50.0	1003570.0	0.626683	Y
5	ICIS 860-5288/6	50.0	31.785343	50.0	1009610.0	0.635707	Y
6	IC 860-5288/7	100.0	60.237471	50.0	1029429.0	0.602375	Y
7	IC 860-5288/8	150.0	89.523237	50.0	1061325.0	0.596822	Y



Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

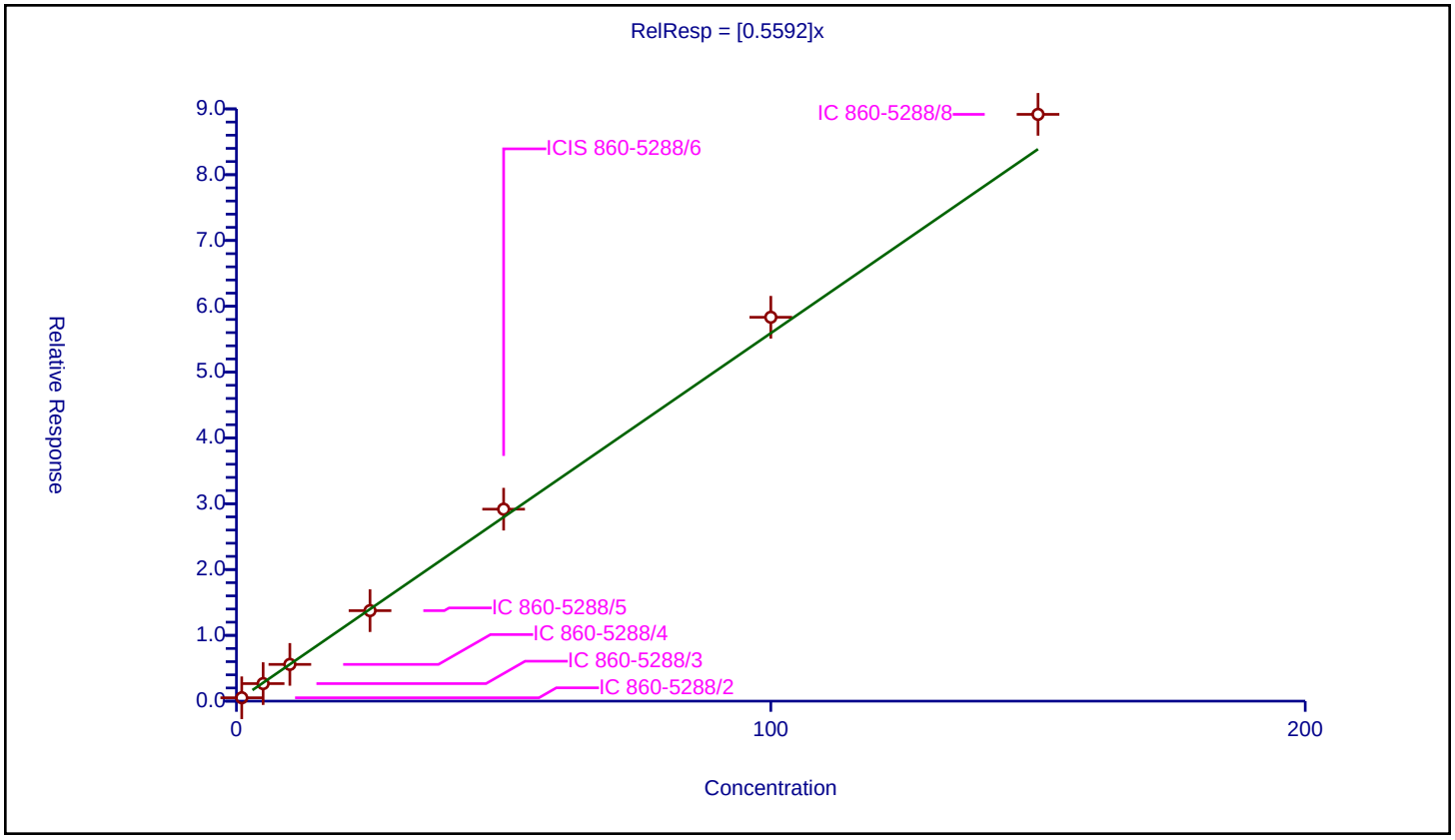
Curve Coefficients

Intercept:	0
Slope:	0.5592

Error Coefficients

Standard Error:	954000
Relative Standard Error:	5.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	0.511501	50.0	820135.0	0.511501	Y
2	IC 860-5288/3	5.0	2.666515	50.0	968774.0	0.533303	Y
3	IC 860-5288/4	10.0	5.583636	50.0	968643.0	0.558364	Y
4	IC 860-5288/5	25.0	13.751856	50.0	1003570.0	0.550074	Y
5	ICIS 860-5288/6	50.0	29.172156	50.0	1009610.0	0.583443	Y
6	IC 860-5288/7	100.0	58.338166	50.0	1029429.0	0.583382	Y
7	IC 860-5288/8	150.0	89.171272	50.0	1061325.0	0.594475	Y



Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

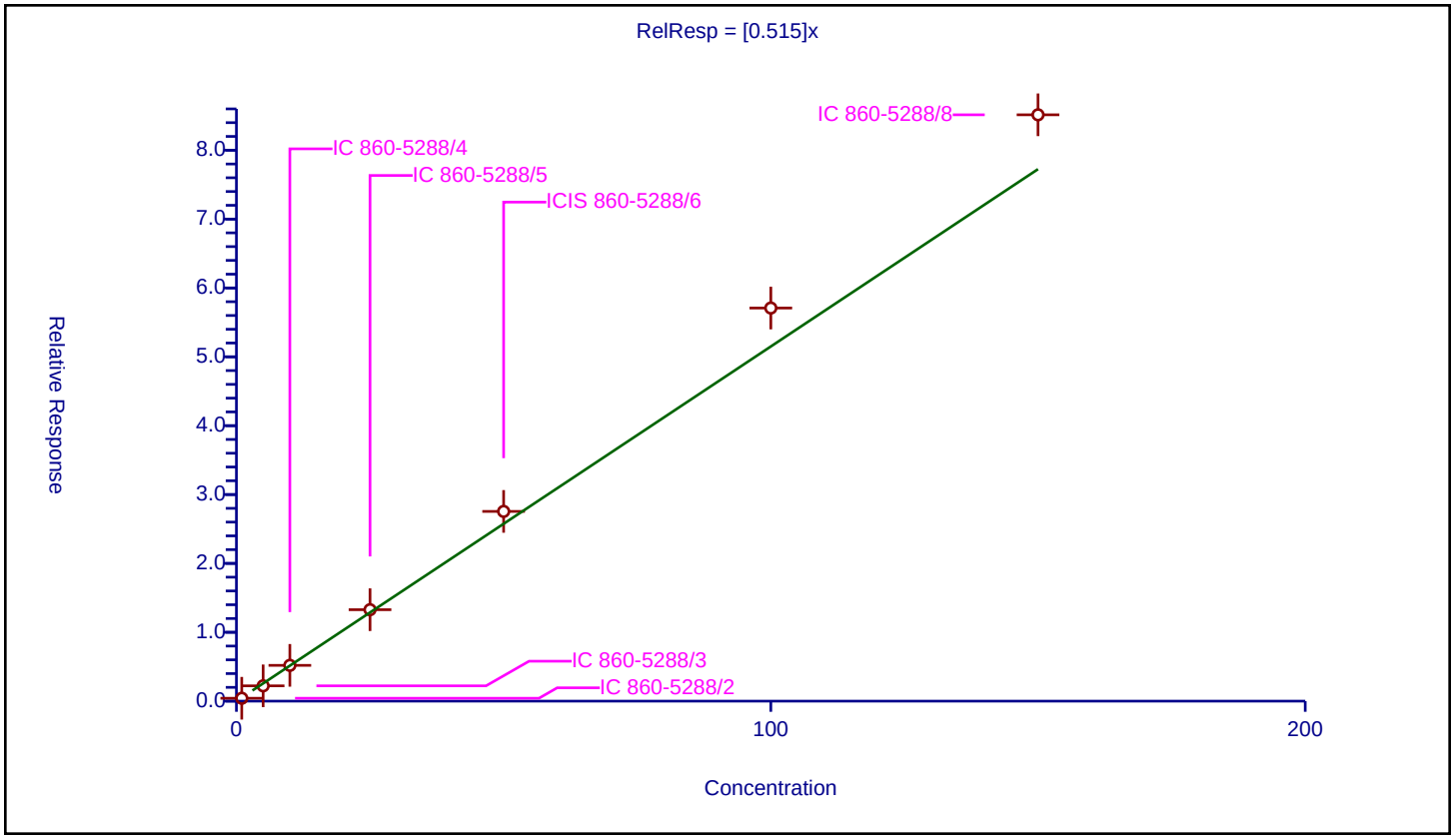
Curve Coefficients

Intercept:	0
Slope:	0.515

Error Coefficients

Standard Error:	916000
Relative Standard Error:	11.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	0.420601	50.0	820135.0	0.420601	Y
2	IC 860-5288/3	5.0	2.221932	50.0	968774.0	0.444386	Y
3	IC 860-5288/4	10.0	5.19407	50.0	968643.0	0.519407	Y
4	IC 860-5288/5	25.0	13.278496	50.0	1003570.0	0.53114	Y
5	ICIS 860-5288/6	50.0	27.548311	50.0	1009610.0	0.550966	Y
6	IC 860-5288/7	100.0	57.083636	50.0	1029429.0	0.570836	Y
7	IC 860-5288/8	150.0	85.141074	50.0	1061325.0	0.567607	Y



Calibration / 1,2-Dichloroethane-d4 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

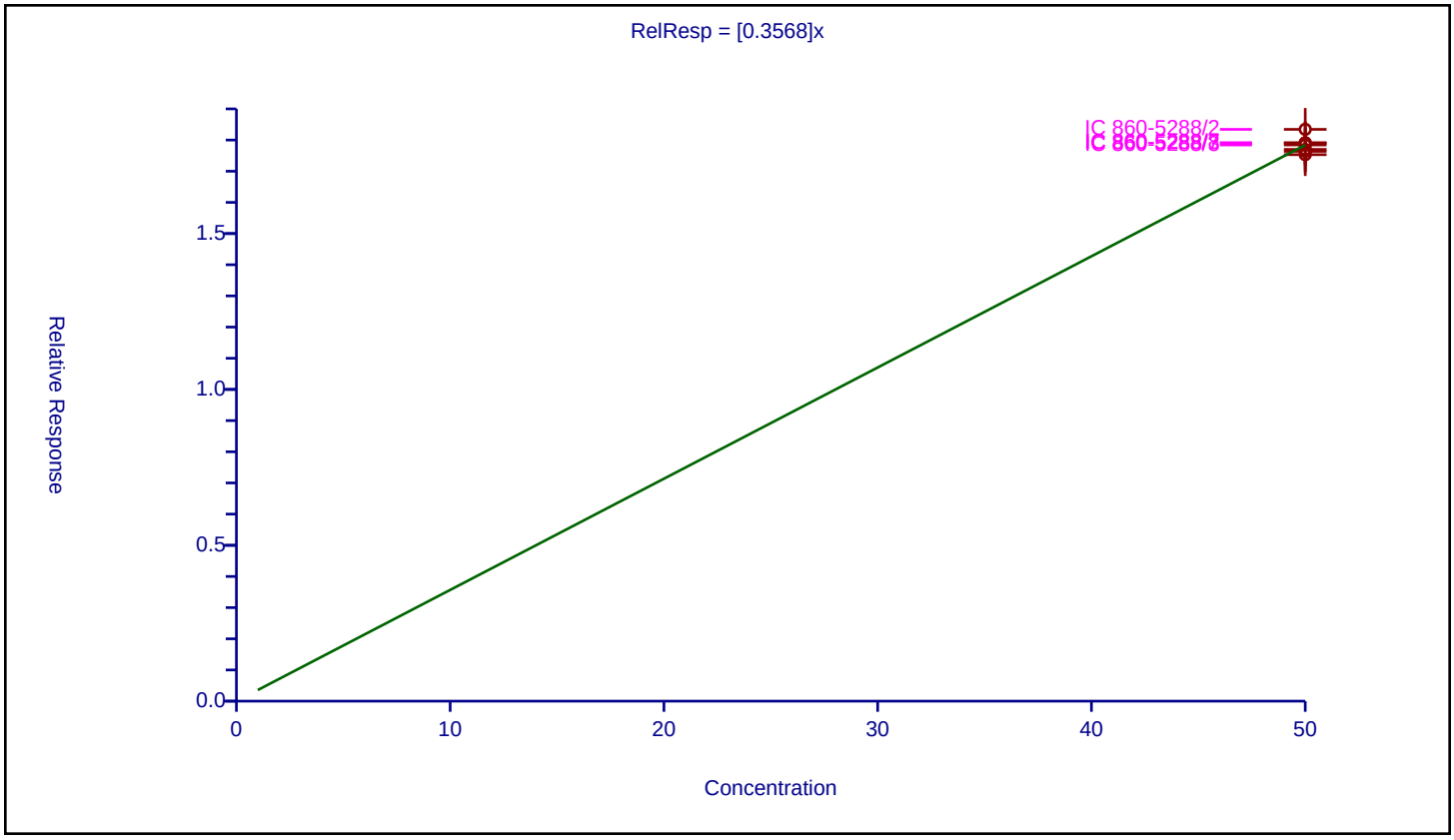
Curve Coefficients

Intercept:	0
Slope:	0.3568

Error Coefficients

Standard Error:	559000
Relative Standard Error:	1.5
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	50.0	18.343214	50.0	1285290.0	0.366864	Y
2	IC 860-5288/3	50.0	17.843421	50.0	1429723.0	0.356868	Y
3	IC 860-5288/4	50.0	17.700073	50.0	1407336.0	0.354001	Y
4	IC 860-5288/5	50.0	17.531293	50.0	1459436.0	0.350626	Y
5	ICIS 860-5288/6	50.0	17.637867	50.0	1484383.0	0.352757	Y
6	IC 860-5288/7	50.0	17.911599	50.0	1523256.0	0.358232	Y
7	IC 860-5288/8	50.0	17.907449	50.0	1552932.0	0.358149	Y



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

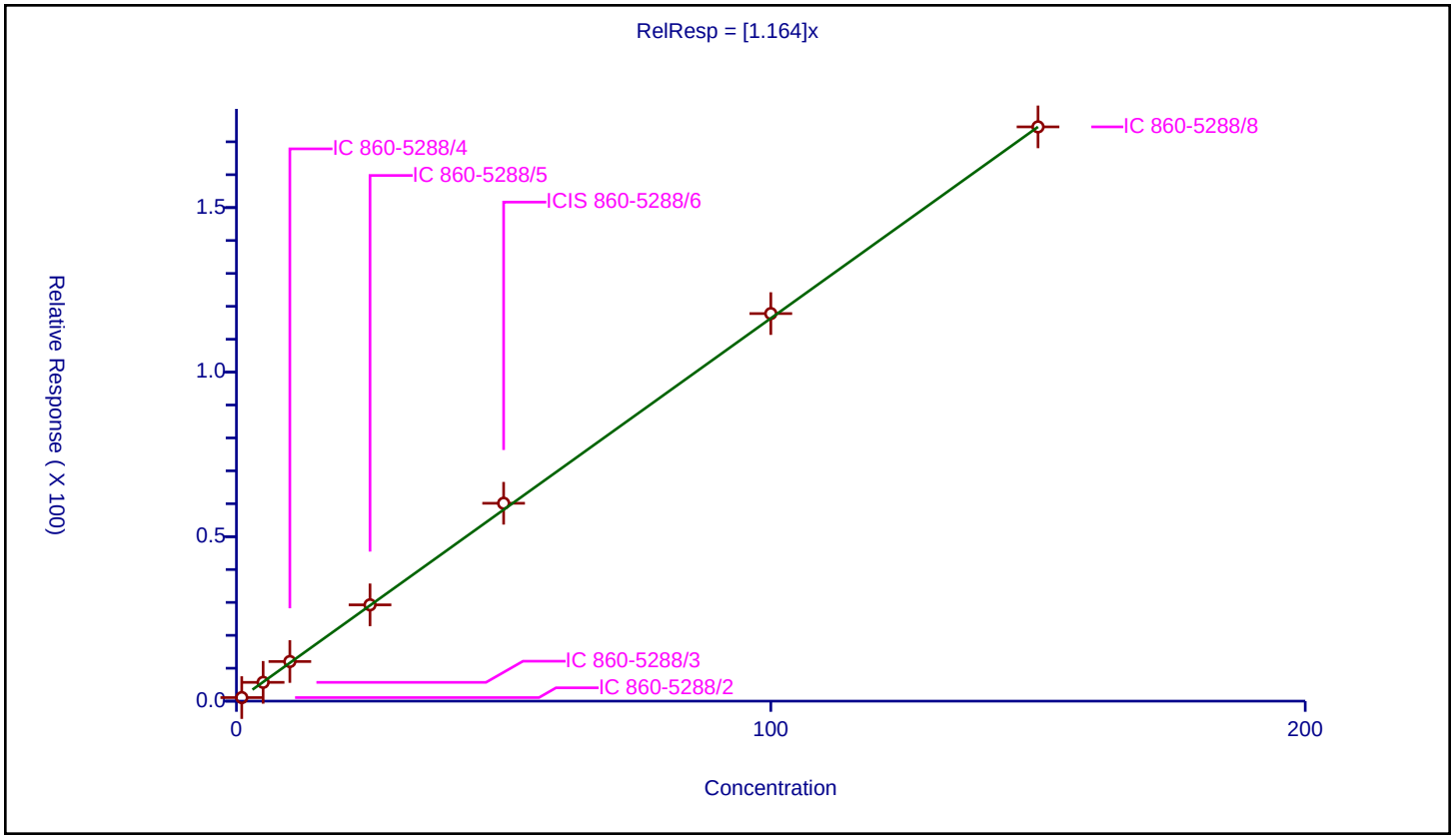
Curve Coefficients

Intercept:	0
Slope:	1.164

Error Coefficients

Standard Error:	2780000
Relative Standard Error:	3.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	1.083413	50.0	1285290.0	1.083413	Y
2	IC 860-5288/3	5.0	5.712575	50.0	1429723.0	1.142515	Y
3	IC 860-5288/4	10.0	12.040124	50.0	1407336.0	1.204012	Y
4	IC 860-5288/5	25.0	29.269971	50.0	1459436.0	1.170799	Y
5	ICIS 860-5288/6	50.0	60.137107	50.0	1484383.0	1.202742	Y
6	IC 860-5288/7	100.0	117.791658	50.0	1523256.0	1.177917	Y
7	IC 860-5288/8	150.0	174.533689	50.0	1552932.0	1.163558	Y



Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

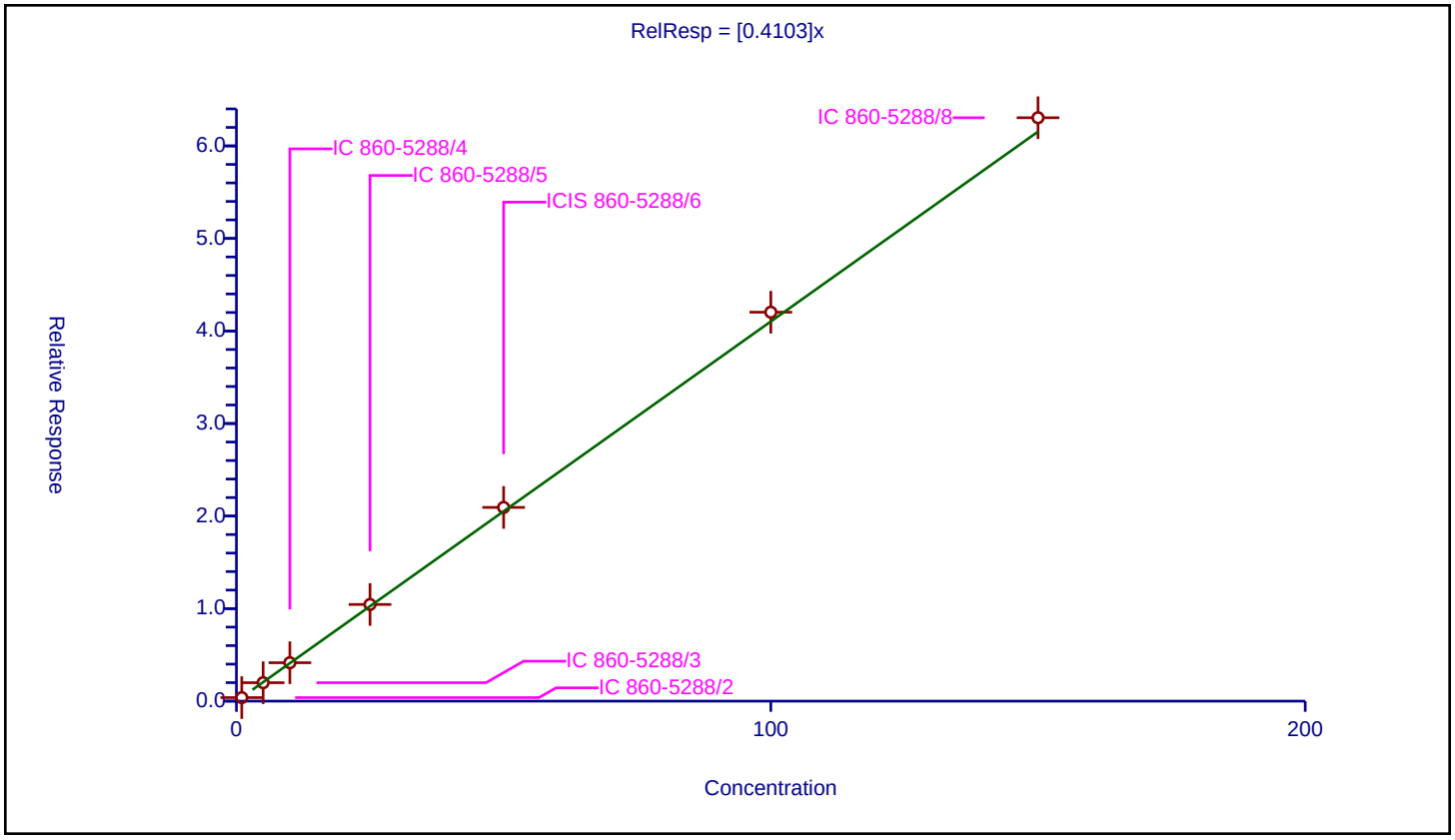
Curve Coefficients

Intercept:	0
Slope:	0.4103

Error Coefficients

Standard Error:	997000
Relative Standard Error:	3.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	0.380887	50.0	1285290.0	0.380887	Y
2	IC 860-5288/3	5.0	1.993743	50.0	1429723.0	0.398749	Y
3	IC 860-5288/4	10.0	4.150608	50.0	1407336.0	0.415061	Y
4	IC 860-5288/5	25.0	10.445782	50.0	1459436.0	0.417831	Y
5	ICIS 860-5288/6	50.0	20.933108	50.0	1484383.0	0.418662	Y
6	IC 860-5288/7	100.0	42.030722	50.0	1523256.0	0.420307	Y
7	IC 860-5288/8	150.0	63.04542	50.0	1552932.0	0.420303	Y



Calibration / Tert-amyl methyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

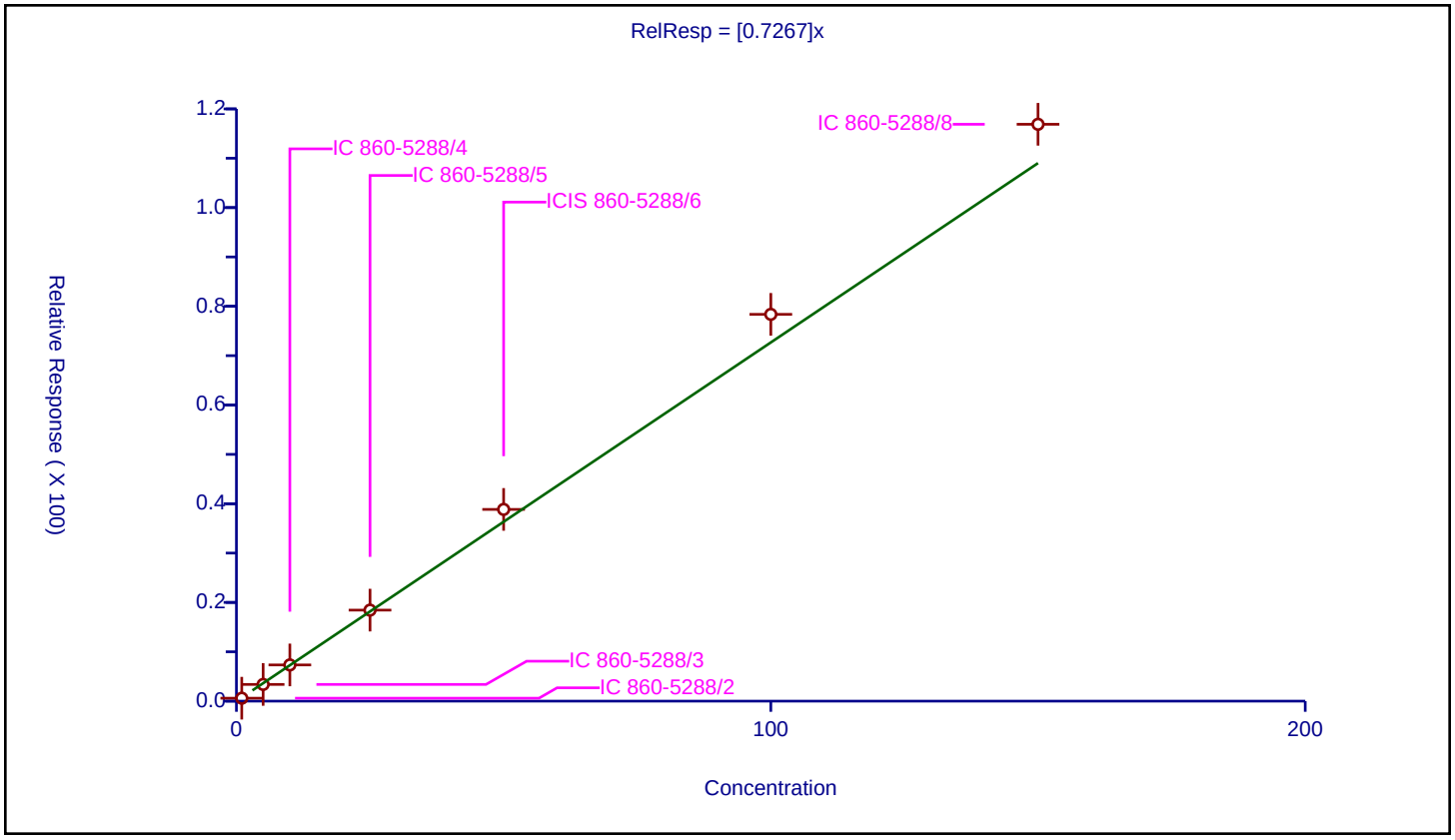
Curve Coefficients

Intercept:	0
Slope:	0.7267

Error Coefficients

Standard Error:	1850000
Relative Standard Error:	9.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	0.598814	50.0	1285290.0	0.598814	Y
2	IC 860-5288/3	5.0	3.385481	50.0	1429723.0	0.677096	Y
3	IC 860-5288/4	10.0	7.336912	50.0	1407336.0	0.733691	Y
4	IC 860-5288/5	25.0	18.441645	50.0	1459436.0	0.737666	Y
5	ICIS 860-5288/6	50.0	38.848195	50.0	1484383.0	0.776964	Y
6	IC 860-5288/7	100.0	78.36923	50.0	1523256.0	0.783692	Y
7	IC 860-5288/8	150.0	116.883064	50.0	1552932.0	0.77922	Y



Calibration / Trichloroethene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

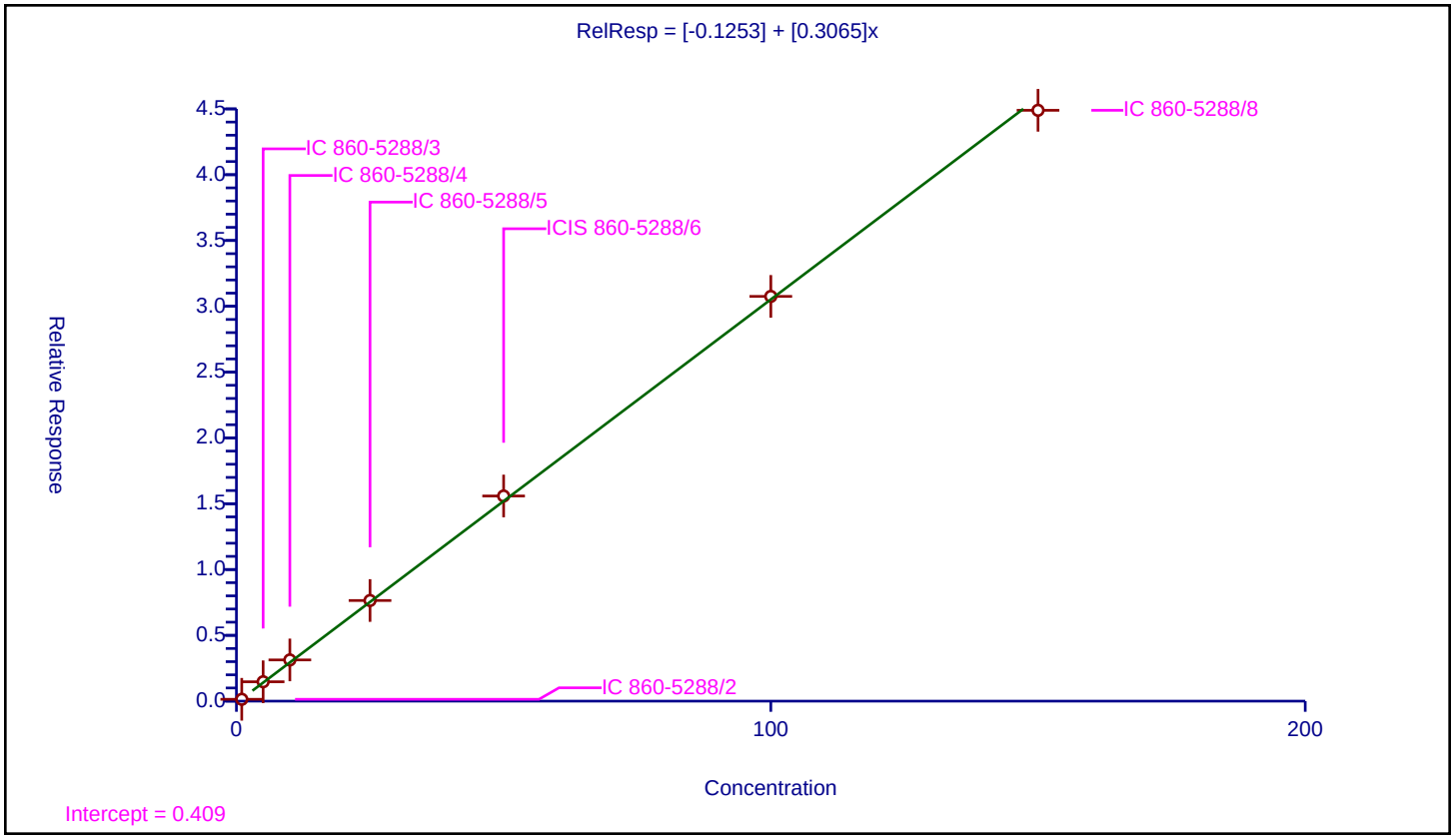
Curve Coefficients

Intercept:	-0.1253
Slope:	0.3065

Error Coefficients

Standard Error:	787000
Relative Standard Error:	7.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	0.140669	50.0	1285290.0	0.140669	Y
2	IC 860-5288/3	5.0	1.472313	50.0	1429723.0	0.294463	Y
3	IC 860-5288/4	10.0	3.1312	50.0	1407336.0	0.31312	Y
4	IC 860-5288/5	25.0	7.647201	50.0	1459436.0	0.305888	Y
5	ICIS 860-5288/6	50.0	15.587318	50.0	1484383.0	0.311746	Y
6	IC 860-5288/7	100.0	30.753629	50.0	1523256.0	0.307536	Y
7	IC 860-5288/8	150.0	44.893369	50.0	1552932.0	0.299289	Y



Calibration / Methylcyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

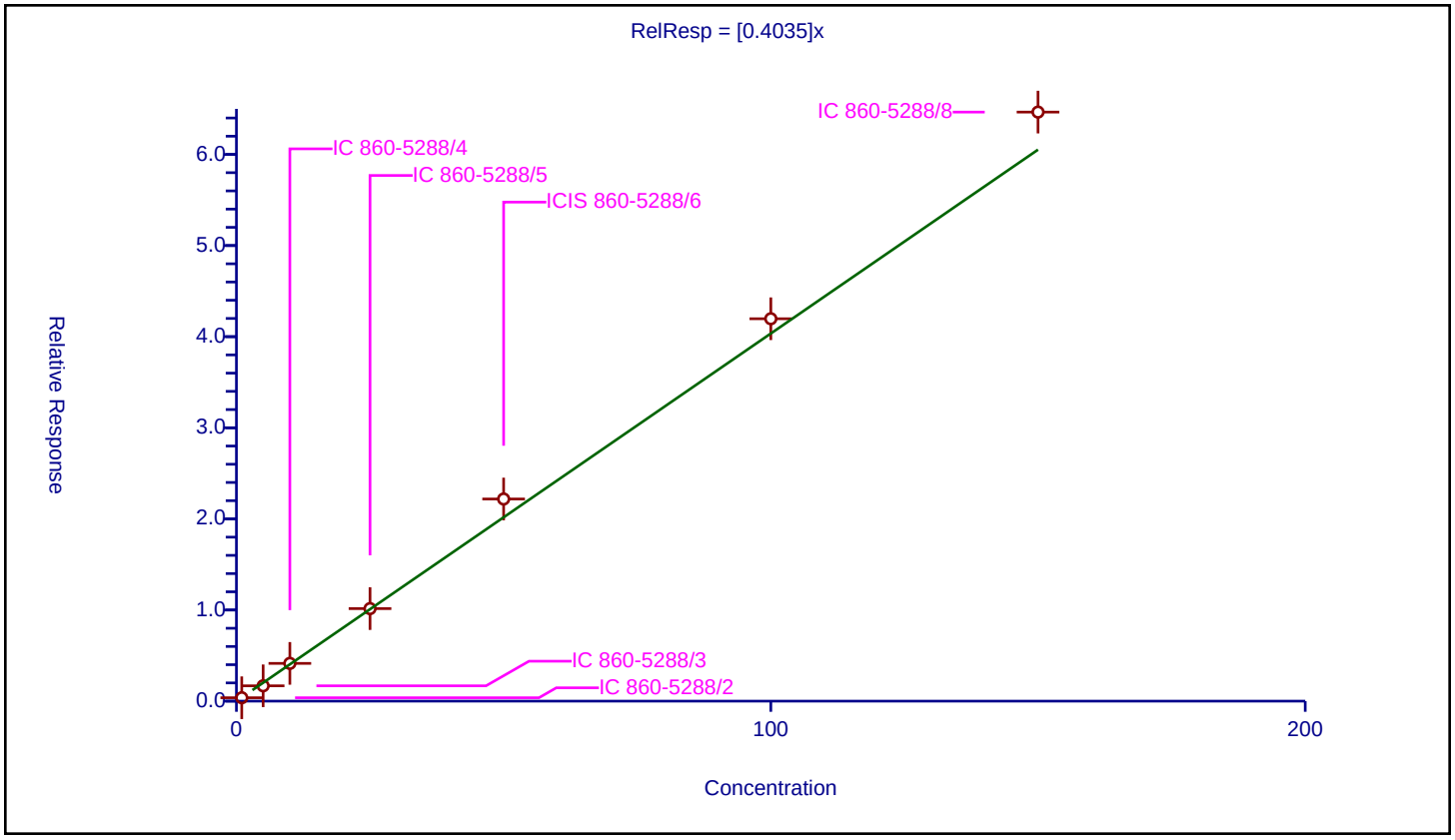
Curve Coefficients

Intercept:	0
Slope:	0.4035

Error Coefficients

Standard Error:	1020000
Relative Standard Error:	9.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	0.372756	50.0	1285290.0	0.372756	Y
2	IC 860-5288/3	5.0	1.683298	50.0	1429723.0	0.33666	Y
3	IC 860-5288/4	10.0	4.144639	50.0	1407336.0	0.414464	Y
4	IC 860-5288/5	25.0	10.15591	50.0	1459436.0	0.406236	Y
5	ICIS 860-5288/6	50.0	22.185278	50.0	1484383.0	0.443706	Y
6	IC 860-5288/7	100.0	41.968454	50.0	1523256.0	0.419685	Y
7	IC 860-5288/8	150.0	64.64945	50.0	1552932.0	0.430996	Y



Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

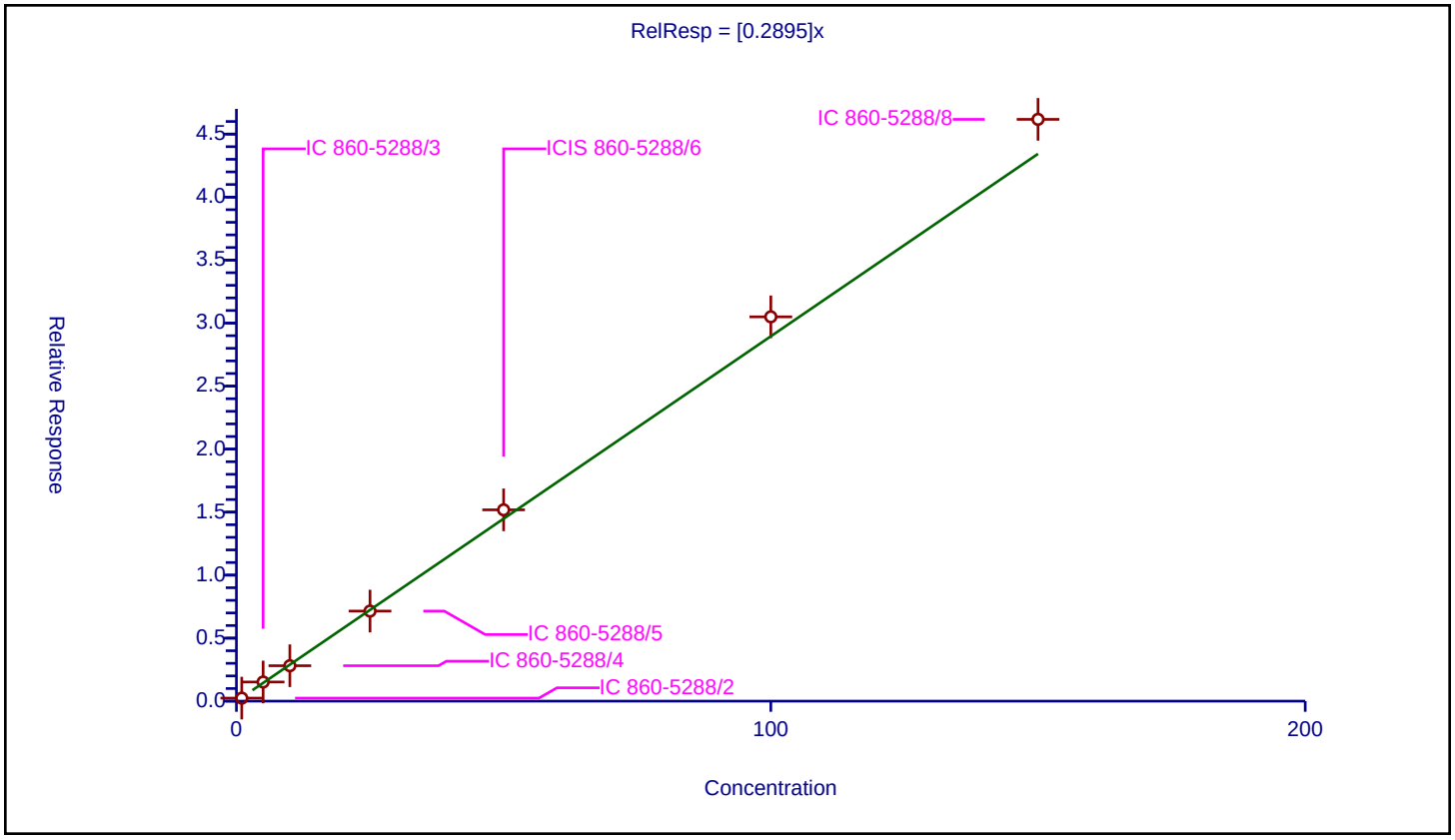
Curve Coefficients

Intercept:	0
Slope:	0.2895

Error Coefficients

Standard Error:	727000
Relative Standard Error:	8.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	0.240024	50.0	1285290.0	0.240024	Y
2	IC 860-5288/3	5.0	1.517742	50.0	1429723.0	0.303548	Y
3	IC 860-5288/4	10.0	2.809102	50.0	1407336.0	0.28091	Y
4	IC 860-5288/5	25.0	7.147693	50.0	1459436.0	0.285908	Y
5	ICIS 860-5288/6	50.0	15.181527	50.0	1484383.0	0.303631	Y
6	IC 860-5288/7	100.0	30.499141	50.0	1523256.0	0.304991	Y
7	IC 860-5288/8	150.0	46.169665	50.0	1552932.0	0.307798	Y



Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

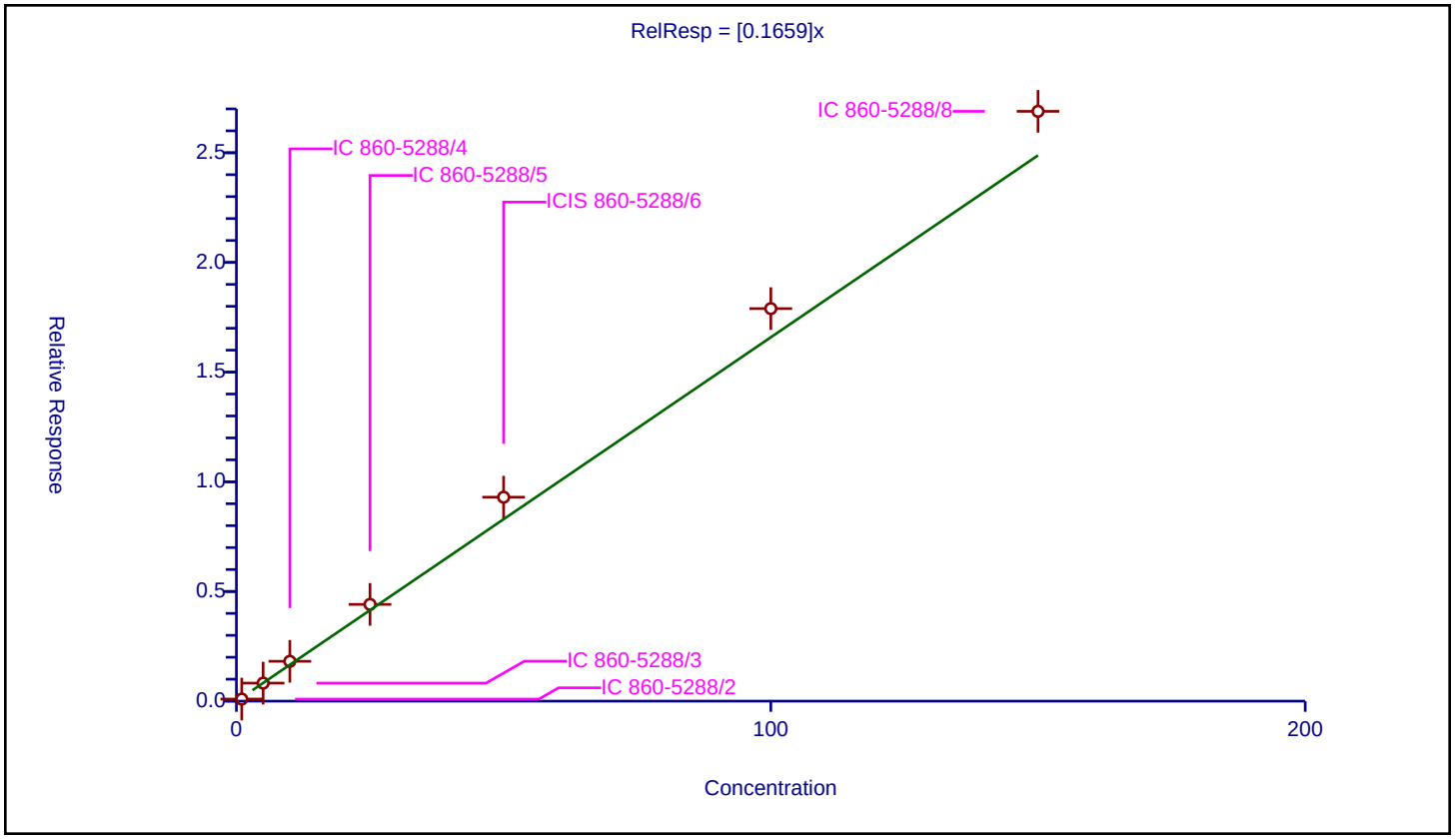
Curve Coefficients

Intercept:	0
Slope:	0.1659

Error Coefficients

Standard Error:	426000
Relative Standard Error:	19.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.965

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	0.094609	50.0	1285290.0	0.094609	Y
2	IC 860-5288/3	5.0	0.821313	50.0	1429723.0	0.164263	Y
3	IC 860-5288/4	10.0	1.81634	50.0	1407336.0	0.181634	Y
4	IC 860-5288/5	25.0	4.410916	50.0	1459436.0	0.176437	Y
5	ICIS 860-5288/6	50.0	9.297937	50.0	1484383.0	0.185959	Y
6	IC 860-5288/7	100.0	17.895252	50.0	1523256.0	0.178953	Y
7	IC 860-5288/8	150.0	26.887784	50.0	1552932.0	0.179252	Y



Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

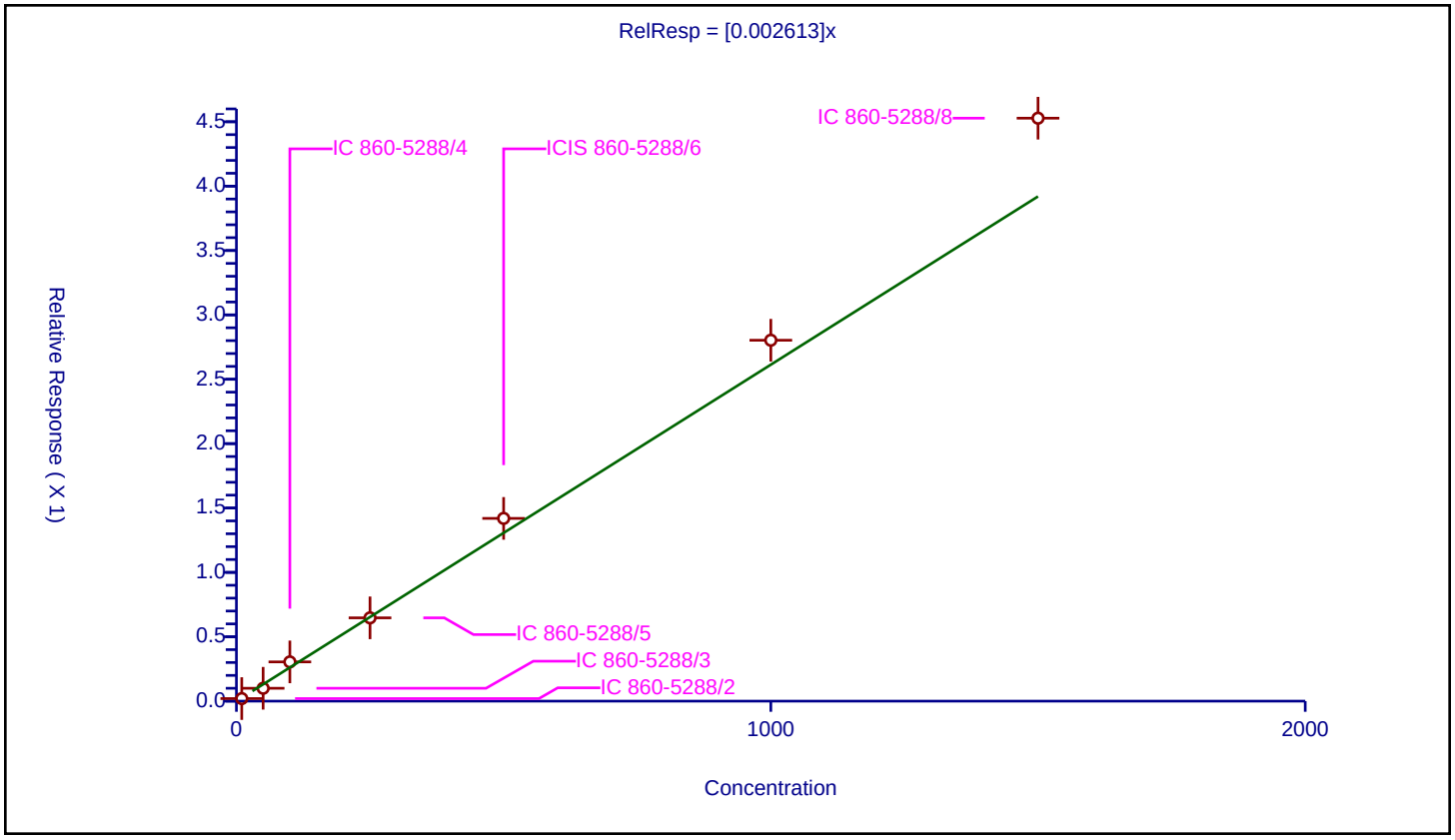
Curve Coefficients

Intercept:	0
Slope:	0.002613

Error Coefficients

Standard Error:	69900
Relative Standard Error:	17.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.971

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	10.0	0.019957	50.0	1285290.0	0.001996	Y
2	IC 860-5288/3	50.0	0.100019	50.0	1429723.0	0.002	Y
3	IC 860-5288/4	100.0	0.304867	50.0	1407336.0	0.003049	Y
4	IC 860-5288/5	250.0	0.646928	50.0	1459436.0	0.002588	Y
5	ICIS 860-5288/6	500.0	1.419445	50.0	1484383.0	0.002839	Y
6	IC 860-5288/7	1000.0	2.803173	50.0	1523256.0	0.002803	Y
7	IC 860-5288/8	1500.0	4.527758	50.0	1552932.0	0.003019	Y



Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

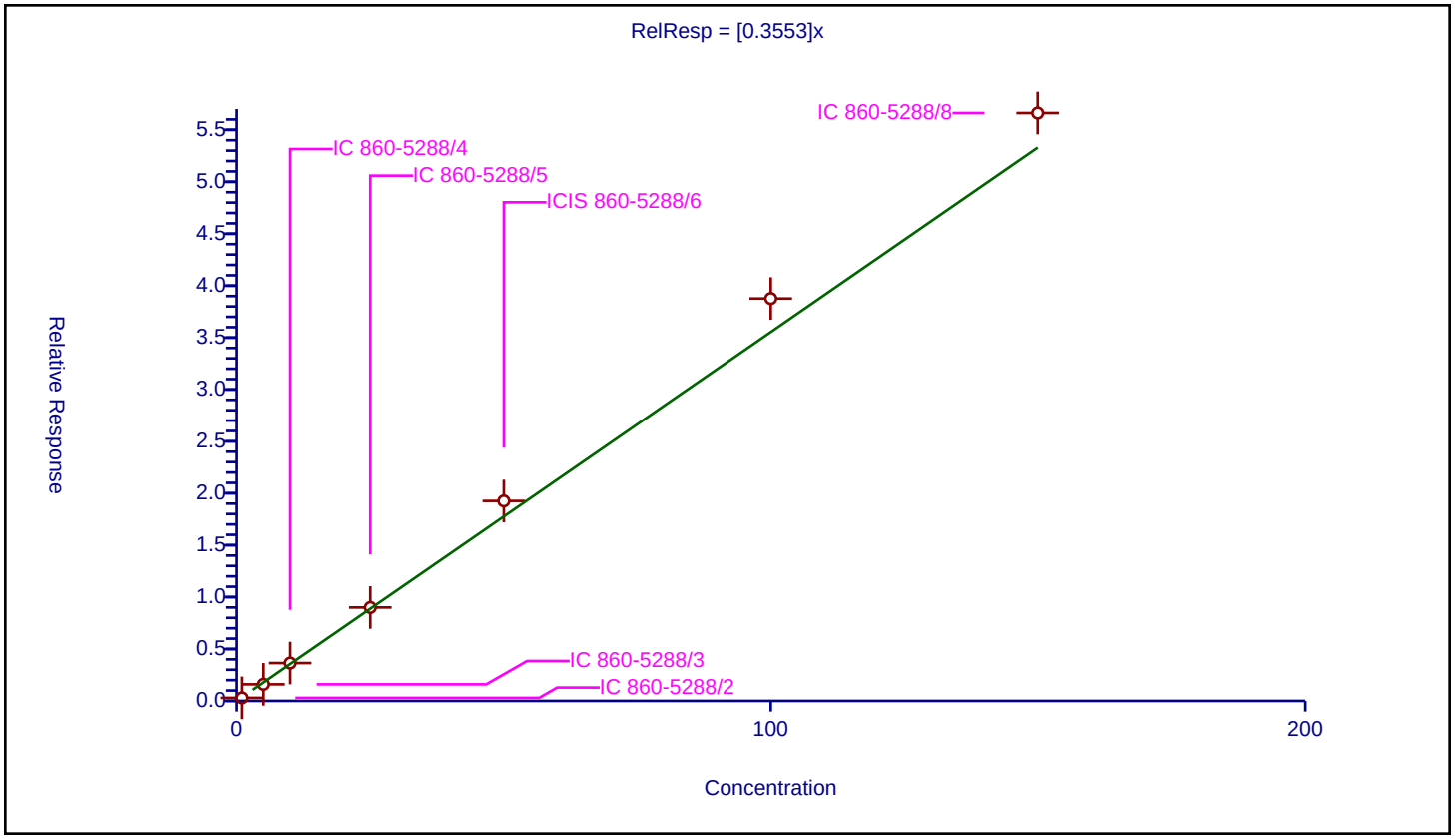
Curve Coefficients

Intercept:	0
Slope:	0.3553

Error Coefficients

Standard Error:	903000
Relative Standard Error:	10.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	0.293241	50.0	1285290.0	0.293241	Y
2	IC 860-5288/3	5.0	1.594575	50.0	1429723.0	0.318915	Y
3	IC 860-5288/4	10.0	3.646393	50.0	1407336.0	0.364639	Y
4	IC 860-5288/5	25.0	9.001046	50.0	1459436.0	0.360042	Y
5	ICIS 860-5288/6	50.0	19.260764	50.0	1484383.0	0.385215	Y
6	IC 860-5288/7	100.0	38.761443	50.0	1523256.0	0.387614	Y
7	IC 860-5288/8	150.0	56.614295	50.0	1552932.0	0.377429	Y



Calibration / 2-Chloroethyl vinyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

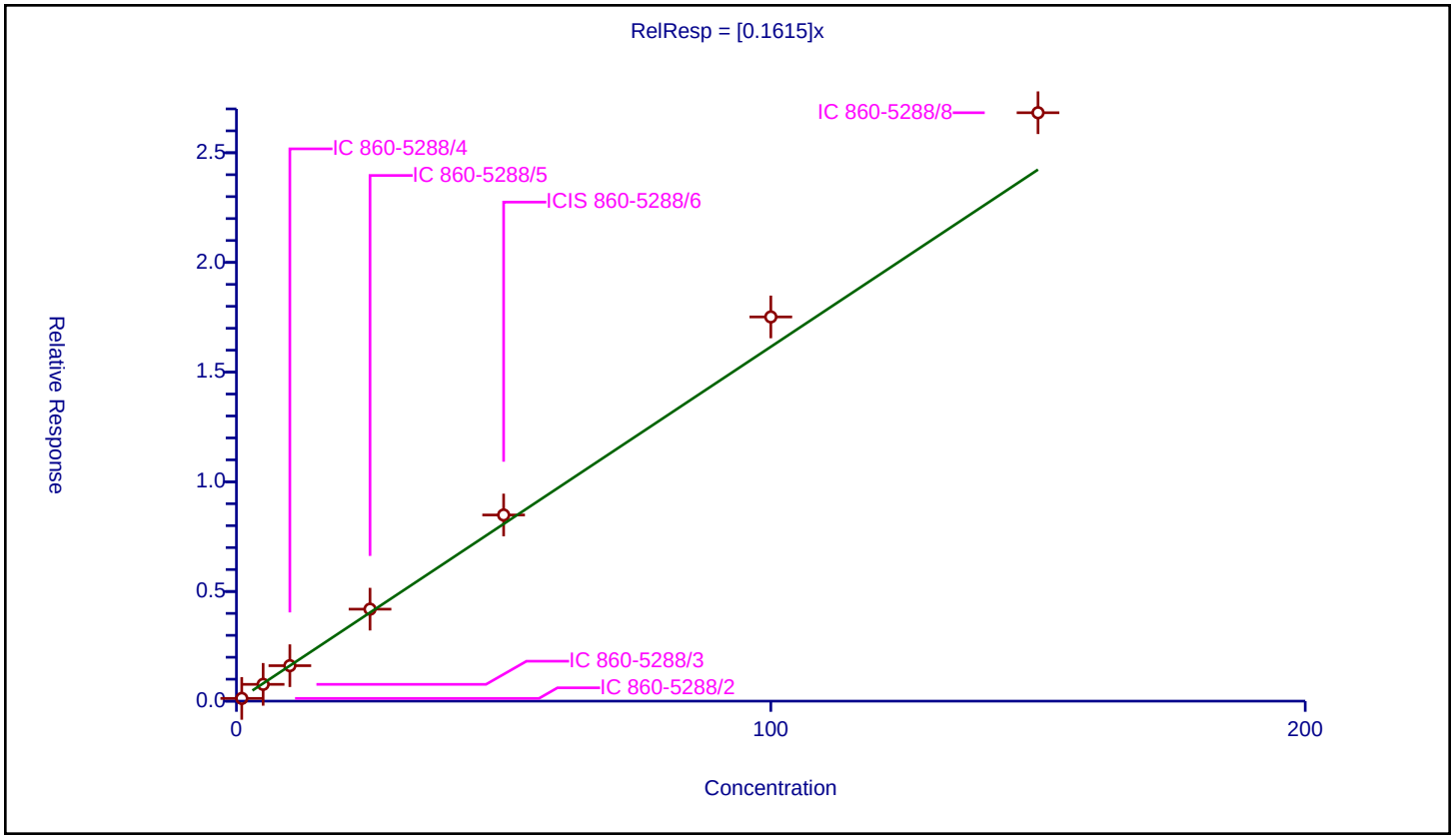
Curve Coefficients

Intercept:	0
Slope:	0.1615

Error Coefficients

Standard Error:	420000
Relative Standard Error:	11.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	0.12468	50.0	1285290.0	0.12468	Y
2	IC 860-5288/3	5.0	0.765078	50.0	1429723.0	0.153016	Y
3	IC 860-5288/4	10.0	1.617062	50.0	1407336.0	0.161706	Y
4	IC 860-5288/5	25.0	4.193161	50.0	1459436.0	0.167726	Y
5	ICIS 860-5288/6	50.0	8.48622	50.0	1484383.0	0.169724	Y
6	IC 860-5288/7	100.0	17.516228	50.0	1523256.0	0.175162	Y
7	IC 860-5288/8	150.0	26.825032	50.0	1552932.0	0.178834	Y



Calibration / cis-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

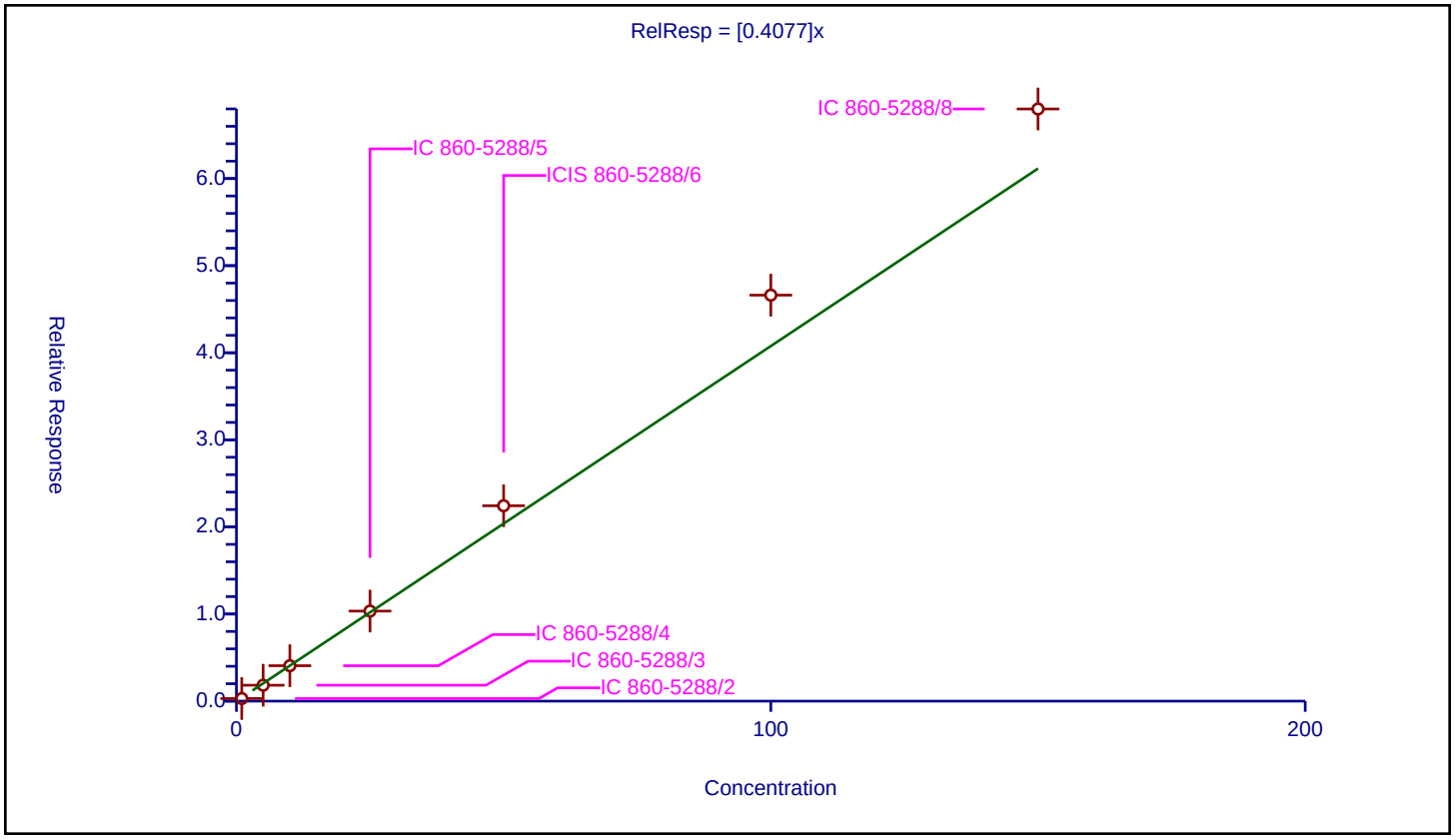
Curve Coefficients

Intercept:	0
Slope:	0.4077

Error Coefficients

Standard Error:	1080000
Relative Standard Error:	14.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	0.299504	50.0	1285290.0	0.299504	Y
2	IC 860-5288/3	5.0	1.828501	50.0	1429723.0	0.3657	Y
3	IC 860-5288/4	10.0	4.067508	50.0	1407336.0	0.406751	Y
4	IC 860-5288/5	25.0	10.341632	50.0	1459436.0	0.413665	Y
5	ICIS 860-5288/6	50.0	22.432384	50.0	1484383.0	0.448648	Y
6	IC 860-5288/7	100.0	46.616557	50.0	1523256.0	0.466166	Y
7	IC 860-5288/8	150.0	67.989616	50.0	1552932.0	0.453264	Y



Calibration / 4-Methyl-2-pentanone (MIBK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

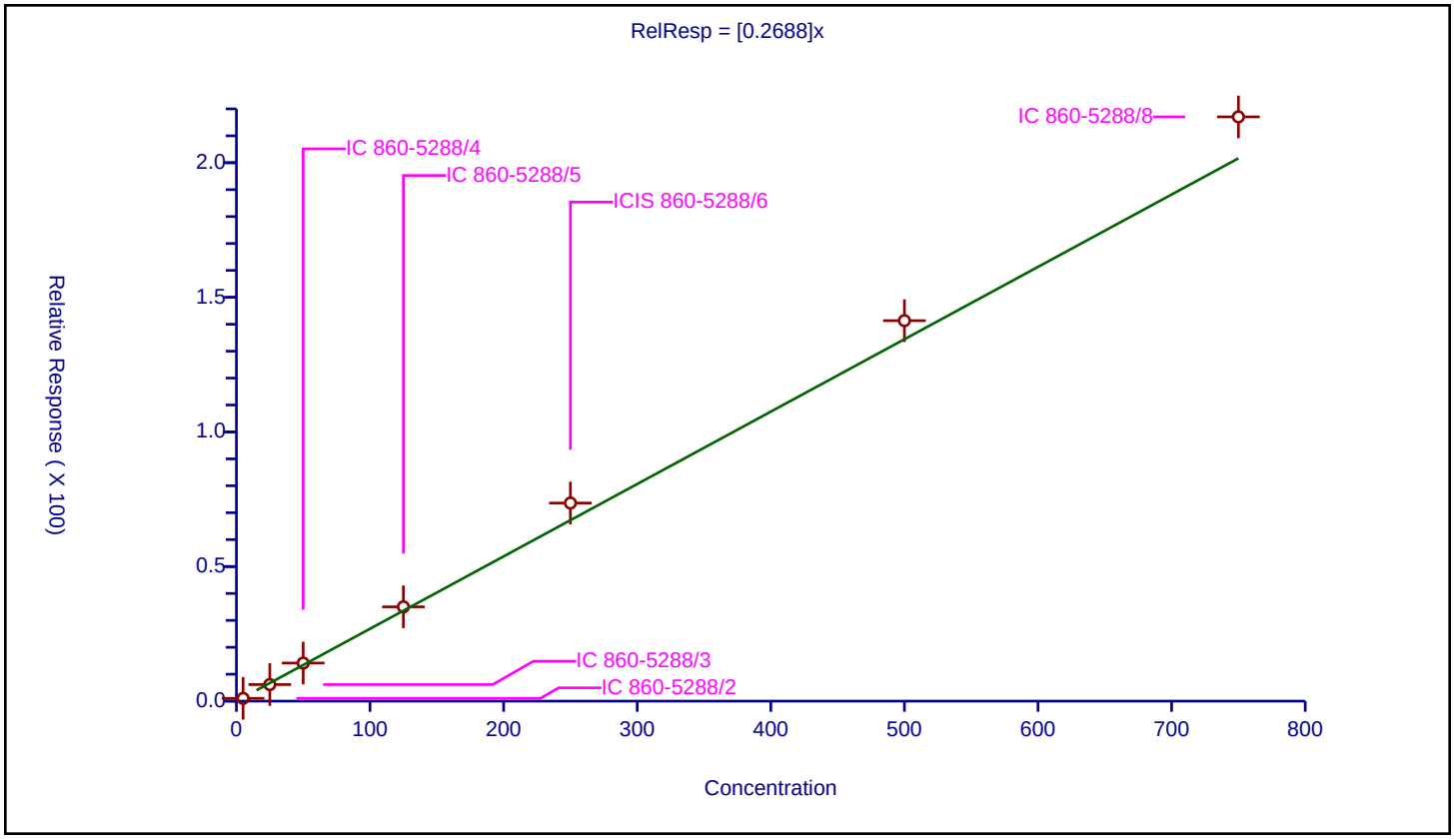
Curve Coefficients

Intercept:	0
Slope:	0.2688

Error Coefficients

Standard Error:	3420000
Relative Standard Error:	11.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	5.0	1.029223	50.0	1285290.0	0.205845	Y
2	IC 860-5288/3	25.0	6.160984	50.0	1429723.0	0.246439	Y
3	IC 860-5288/4	50.0	14.147865	50.0	1407336.0	0.282957	Y
4	IC 860-5288/5	125.0	35.031992	50.0	1459436.0	0.280256	Y
5	ICIS 860-5288/6	250.0	73.585961	50.0	1484383.0	0.294344	Y
6	IC 860-5288/7	500.0	141.335567	50.0	1523256.0	0.282671	Y
7	IC 860-5288/8	750.0	217.035968	50.0	1552932.0	0.289381	Y



Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

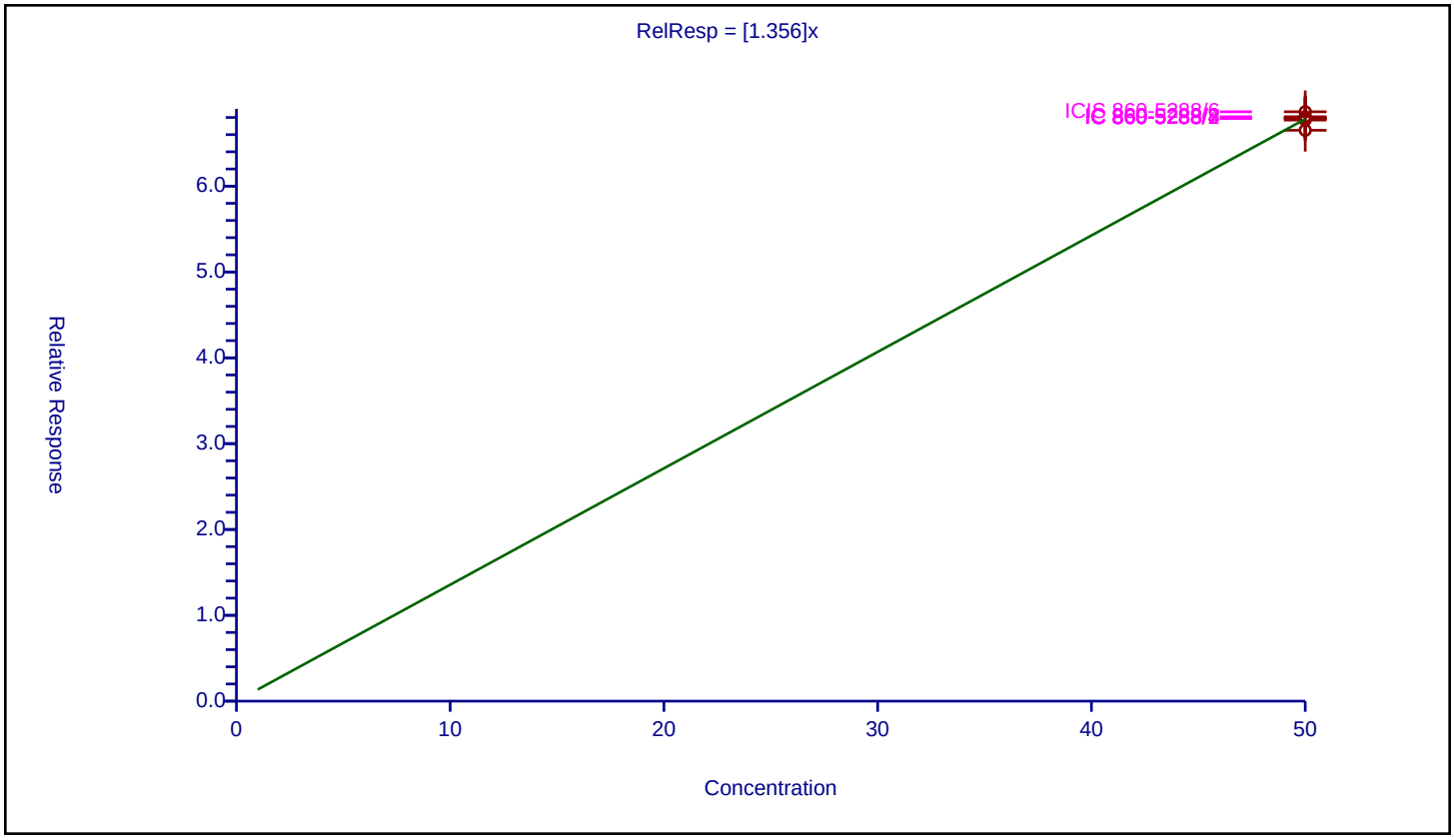
Curve Coefficients

Intercept:	0
Slope:	1.356

Error Coefficients

Standard Error:	1770000
Relative Standard Error:	1.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	50.0	67.902836	50.0	1079801.0	1.358057	Y
2	IC 860-5288/3	50.0	66.508865	50.0	1214396.0	1.330177	Y
3	IC 860-5288/4	50.0	67.937087	50.0	1168445.0	1.358742	Y
4	IC 860-5288/5	50.0	67.69702	50.0	1216298.0	1.35394	Y
5	ICIS 860-5288/6	50.0	68.66559	50.0	1231938.0	1.373312	Y
6	IC 860-5288/7	50.0	67.89349	50.0	1261333.0	1.35787	Y
7	IC 860-5288/8	50.0	68.085907	50.0	1289681.0	1.361718	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

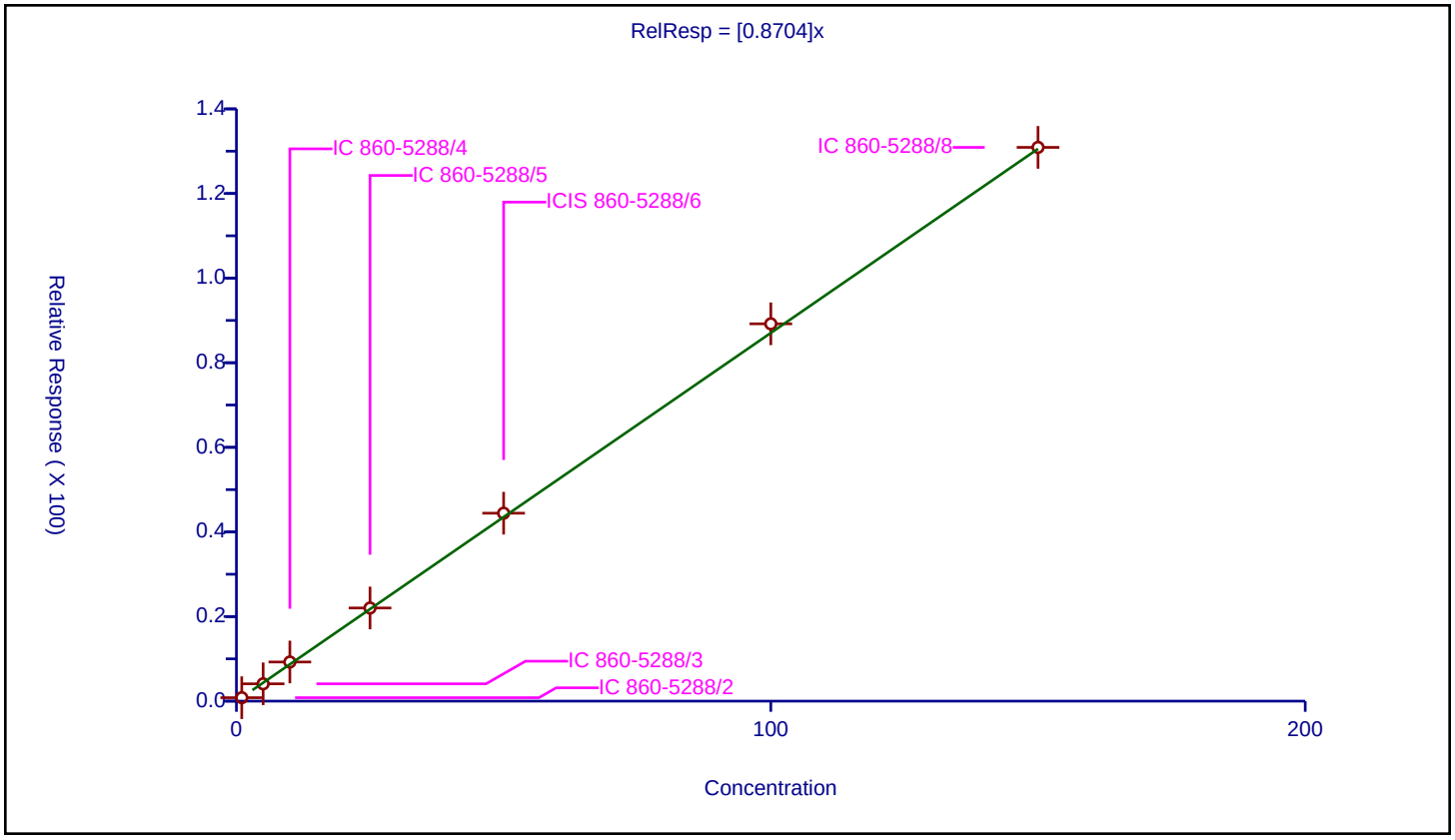
Curve Coefficients

Intercept:	0
Slope:	0.8704

Error Coefficients

Standard Error:	1730000
Relative Standard Error:	4.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	0.814178	50.0	1079801.0	0.814178	Y
2	IC 860-5288/3	5.0	4.097222	50.0	1214396.0	0.819444	Y
3	IC 860-5288/4	10.0	9.250885	50.0	1168445.0	0.925088	Y
4	IC 860-5288/5	25.0	22.021659	50.0	1216298.0	0.880866	Y
5	ICIS 860-5288/6	50.0	44.427195	50.0	1231938.0	0.888544	Y
6	IC 860-5288/7	100.0	89.19528	50.0	1261333.0	0.891953	Y
7	IC 860-5288/8	150.0	130.901014	50.0	1289681.0	0.872673	Y



Calibration / trans-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

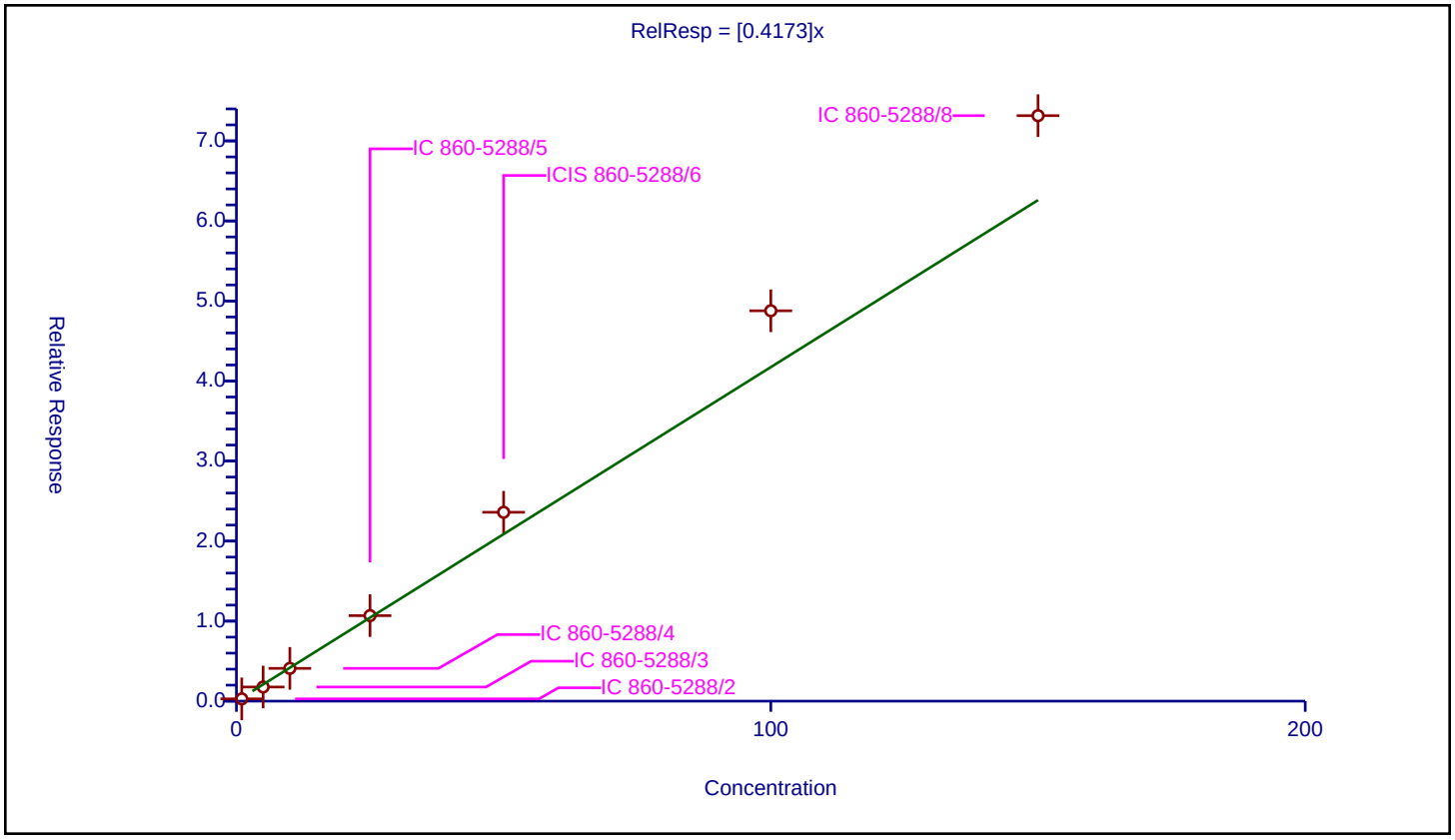
Curve Coefficients

Intercept:	0
Slope:	0.4173

Error Coefficients

Standard Error:	957000
Relative Standard Error:	18.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.968

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	0.28371	50.0	1079801.0	0.28371	Y
2	IC 860-5288/3	5.0	1.76631	50.0	1214396.0	0.353262	Y
3	IC 860-5288/4	10.0	4.095571	50.0	1168445.0	0.409557	Y
4	IC 860-5288/5	25.0	10.684512	50.0	1216298.0	0.42738	Y
5	ICIS 860-5288/6	50.0	23.599808	50.0	1231938.0	0.471996	Y
6	IC 860-5288/7	100.0	48.776176	50.0	1261333.0	0.487762	Y
7	IC 860-5288/8	150.0	73.155222	50.0	1289681.0	0.487701	Y



Calibration / Ethyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

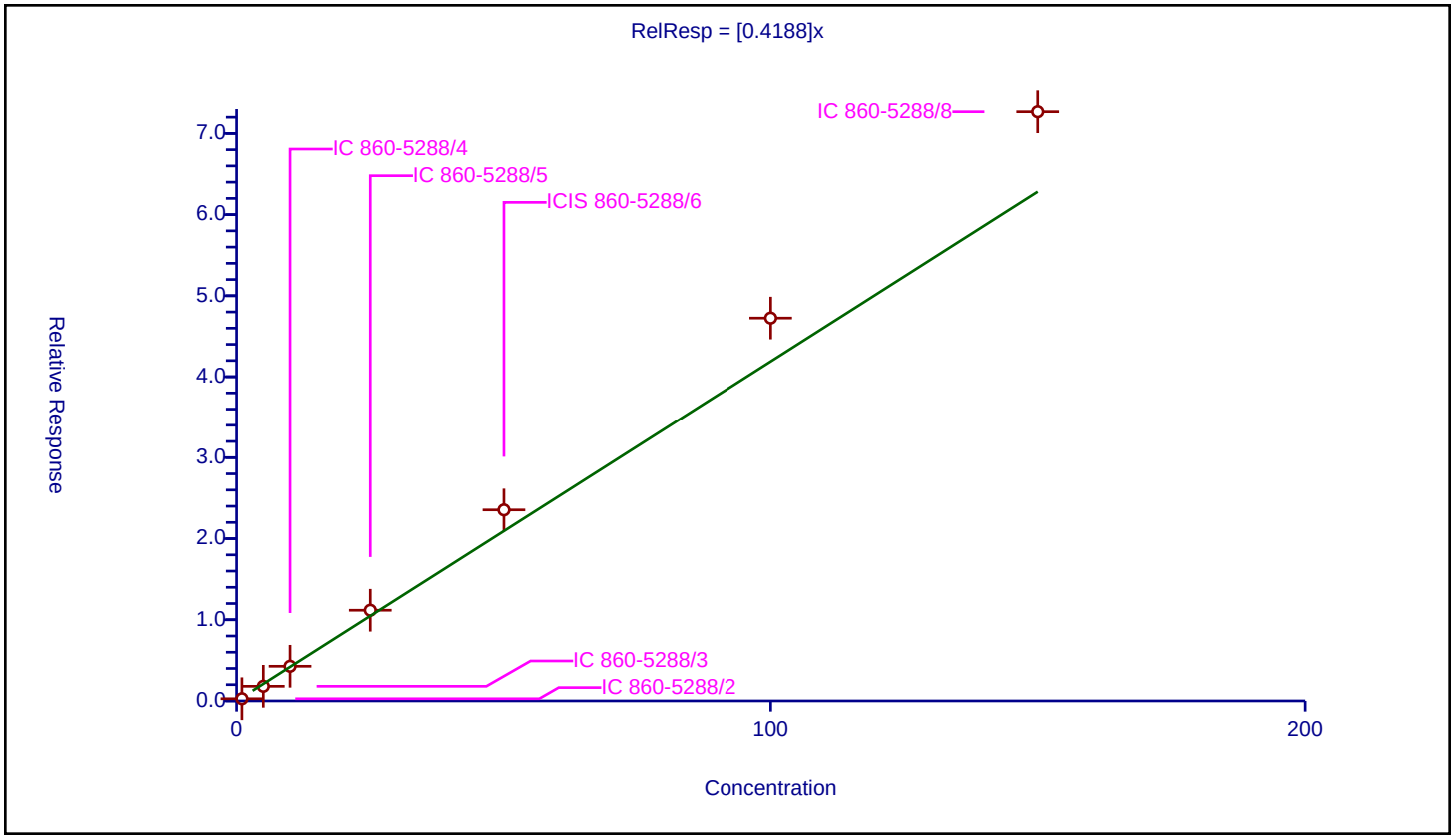
Curve Coefficients

Intercept:	0
Slope:	0.4188

Error Coefficients

Standard Error:	945000
Relative Standard Error:	18.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.967

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	0.269494	50.0	1079801.0	0.269494	Y
2	IC 860-5288/3	5.0	1.802336	50.0	1214396.0	0.360467	Y
3	IC 860-5288/4	10.0	4.270804	50.0	1168445.0	0.42708	Y
4	IC 860-5288/5	25.0	11.172426	50.0	1216298.0	0.446897	Y
5	ICIS 860-5288/6	50.0	23.545503	50.0	1231938.0	0.47091	Y
6	IC 860-5288/7	100.0	47.244899	50.0	1261333.0	0.472449	Y
7	IC 860-5288/8	150.0	72.671575	50.0	1289681.0	0.484477	Y



Calibration / 1,1,2-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

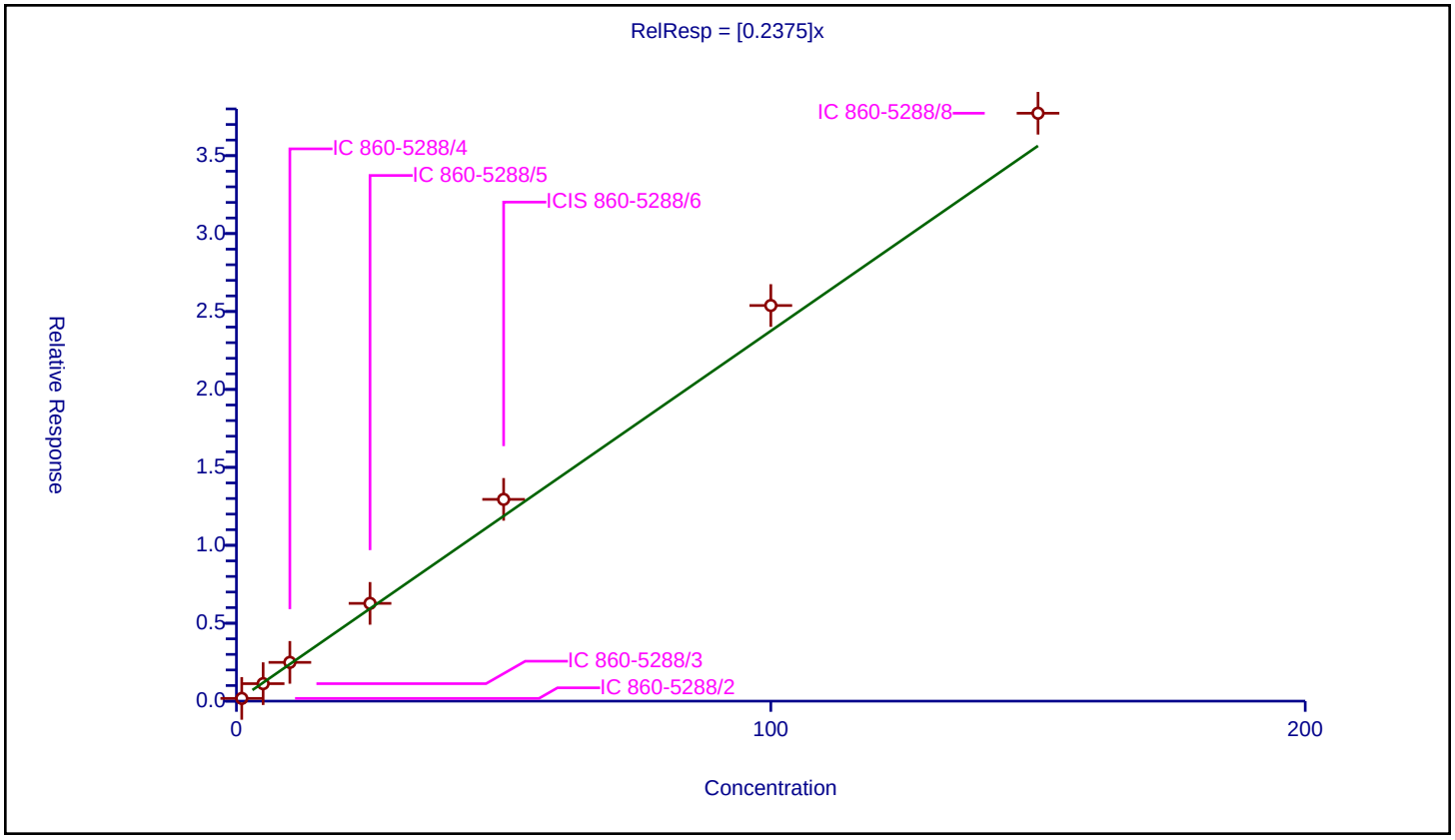
Curve Coefficients

Intercept:	0
Slope:	0.2375

Error Coefficients

Standard Error:	498000
Relative Standard Error:	12.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	0.174523	50.0	1079801.0	0.174523	Y
2	IC 860-5288/3	5.0	1.12171	50.0	1214396.0	0.224342	Y
3	IC 860-5288/4	10.0	2.487408	50.0	1168445.0	0.248741	Y
4	IC 860-5288/5	25.0	6.271942	50.0	1216298.0	0.250878	Y
5	ICIS 860-5288/6	50.0	12.945578	50.0	1231938.0	0.258912	Y
6	IC 860-5288/7	100.0	25.384335	50.0	1261333.0	0.253843	Y
7	IC 860-5288/8	150.0	37.72177	50.0	1289681.0	0.251478	Y



Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

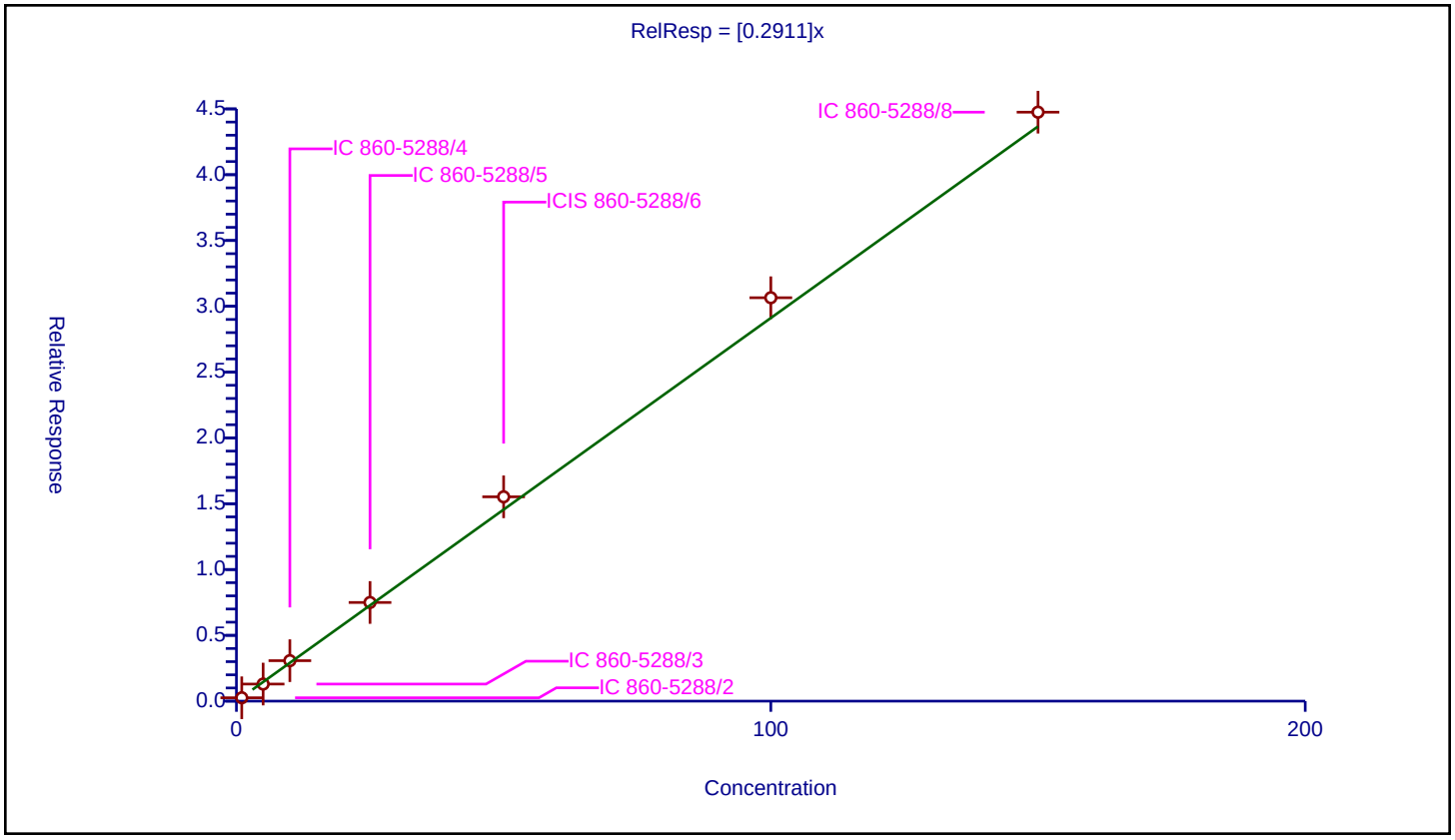
Curve Coefficients

Intercept:	0
Slope:	0.2911

Error Coefficients

Standard Error:	594000
Relative Standard Error:	8.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	0.255186	50.0	1079801.0	0.255186	Y
2	IC 860-5288/3	5.0	1.298917	50.0	1214396.0	0.259783	Y
3	IC 860-5288/4	10.0	3.075369	50.0	1168445.0	0.307537	Y
4	IC 860-5288/5	25.0	7.497751	50.0	1216298.0	0.29991	Y
5	ICIS 860-5288/6	50.0	15.525335	50.0	1231938.0	0.310507	Y
6	IC 860-5288/7	100.0	30.651184	50.0	1261333.0	0.306512	Y
7	IC 860-5288/8	150.0	44.751338	50.0	1289681.0	0.298342	Y



Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

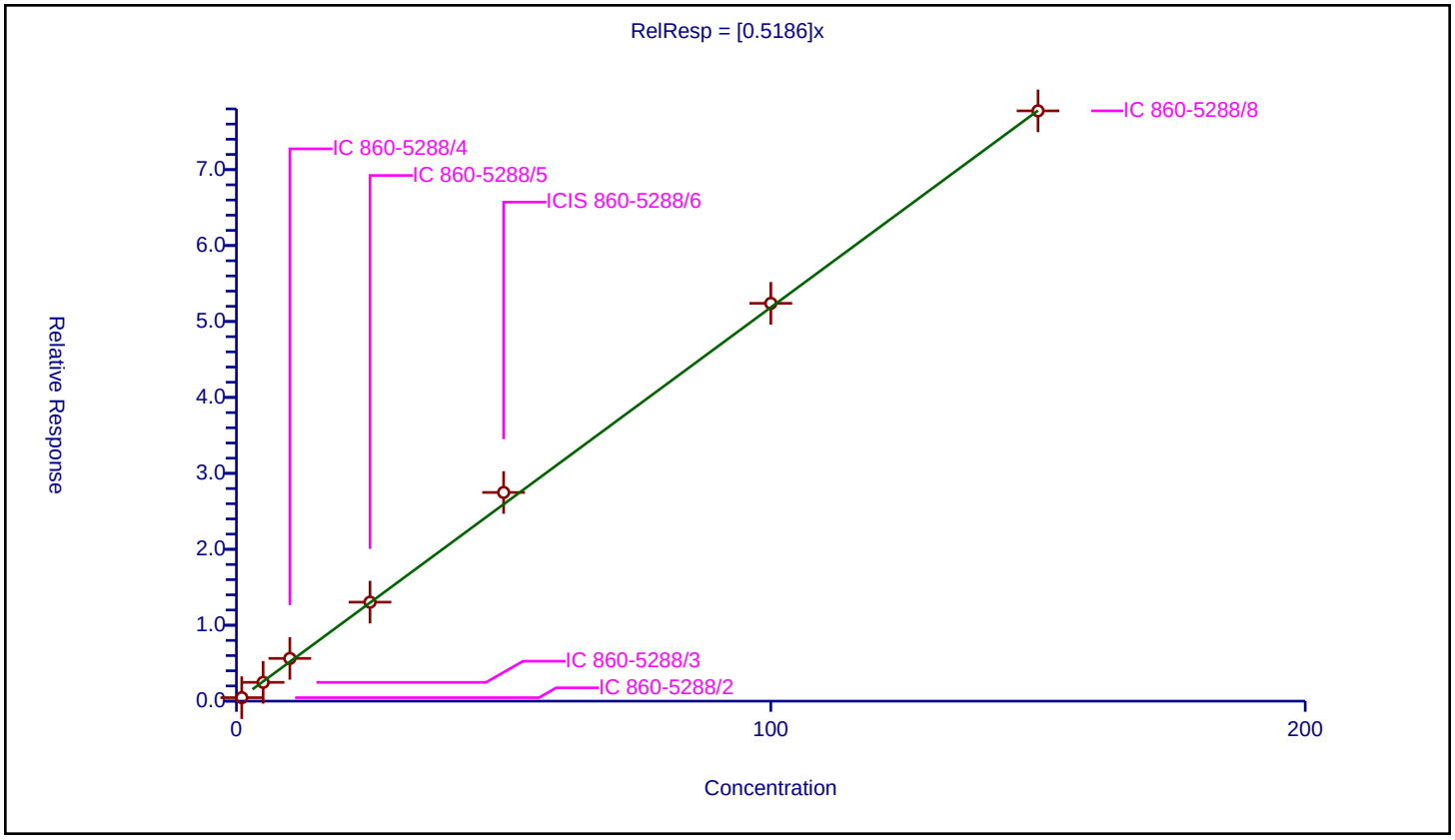
Curve Coefficients

Intercept:	0
Slope:	0.5186

Error Coefficients

Standard Error:	1030000
Relative Standard Error:	6.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	0.459066	50.0	1079801.0	0.459066	Y
2	IC 860-5288/3	5.0	2.474687	50.0	1214396.0	0.494937	Y
3	IC 860-5288/4	10.0	5.627223	50.0	1168445.0	0.562722	Y
4	IC 860-5288/5	25.0	13.035662	50.0	1216298.0	0.521426	Y
5	ICIS 860-5288/6	50.0	27.485921	50.0	1231938.0	0.549718	Y
6	IC 860-5288/7	100.0	52.394491	50.0	1261333.0	0.523945	Y
7	IC 860-5288/8	150.0	77.738681	50.0	1289681.0	0.518258	Y



Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

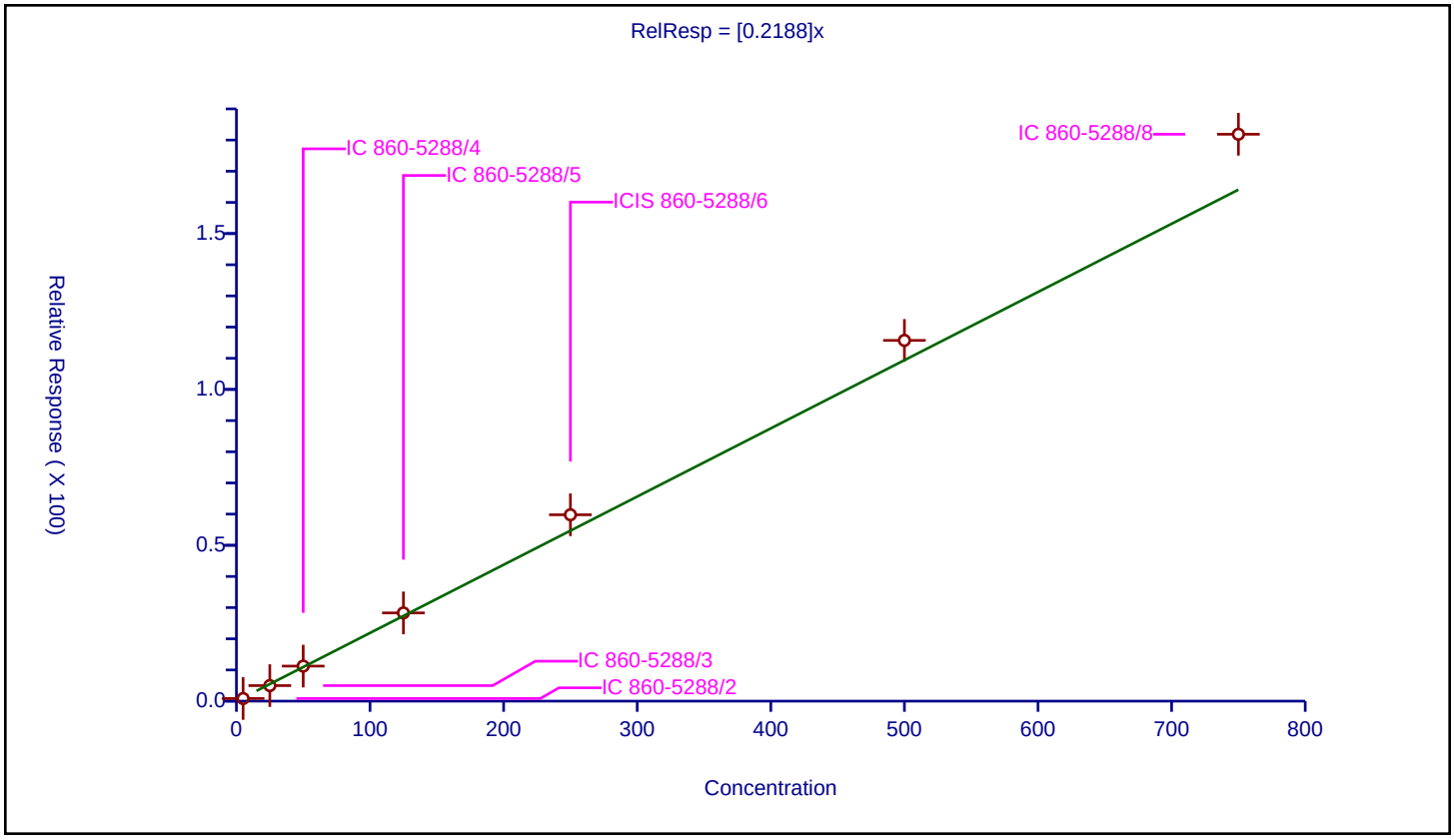
Curve Coefficients

Intercept:	0
Slope:	0.2188

Error Coefficients

Standard Error:	2350000
Relative Standard Error:	12.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	5.0	0.837515	50.0	1079801.0	0.167503	Y
2	IC 860-5288/3	25.0	4.986594	50.0	1214396.0	0.199464	Y
3	IC 860-5288/4	50.0	11.244004	50.0	1168445.0	0.22488	Y
4	IC 860-5288/5	125.0	28.300918	50.0	1216298.0	0.226407	Y
5	ICIS 860-5288/6	250.0	59.791199	50.0	1231938.0	0.239165	Y
6	IC 860-5288/7	500.0	115.729074	50.0	1261333.0	0.231458	Y
7	IC 860-5288/8	750.0	181.865671	50.0	1289681.0	0.242488	Y



Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

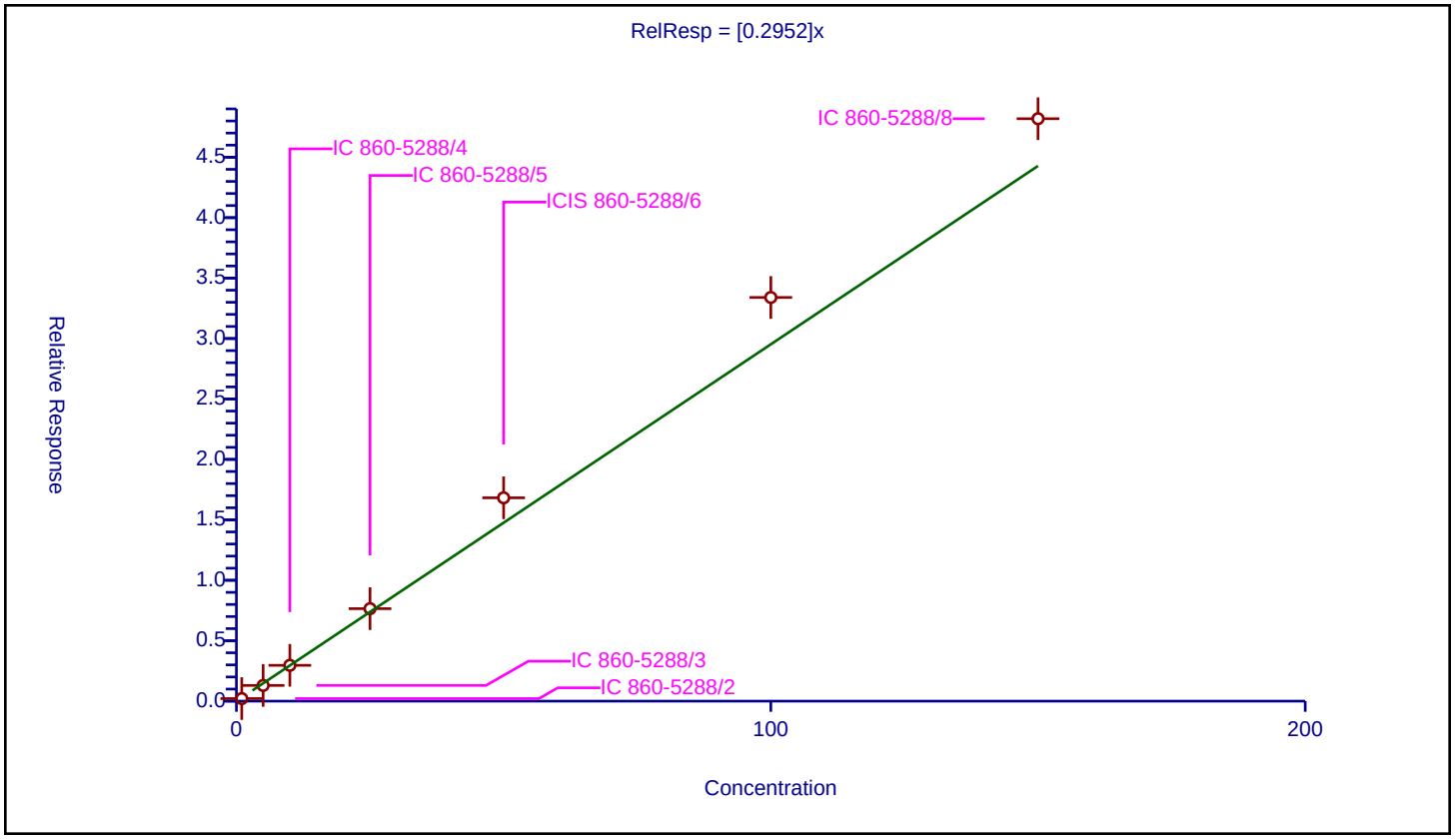
Curve Coefficients

Intercept:	0
Slope:	0.2952

Error Coefficients

Standard Error:	641000
Relative Standard Error:	15.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	0.212632	50.0	1079801.0	0.212632	Y
2	IC 860-5288/3	5.0	1.299041	50.0	1214396.0	0.259808	Y
3	IC 860-5288/4	10.0	2.962955	50.0	1168445.0	0.296296	Y
4	IC 860-5288/5	25.0	7.652812	50.0	1216298.0	0.306112	Y
5	ICIS 860-5288/6	50.0	16.822194	50.0	1231938.0	0.336444	Y
6	IC 860-5288/7	100.0	33.39911	50.0	1261333.0	0.333991	Y
7	IC 860-5288/8	150.0	48.1868	50.0	1289681.0	0.321245	Y



Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

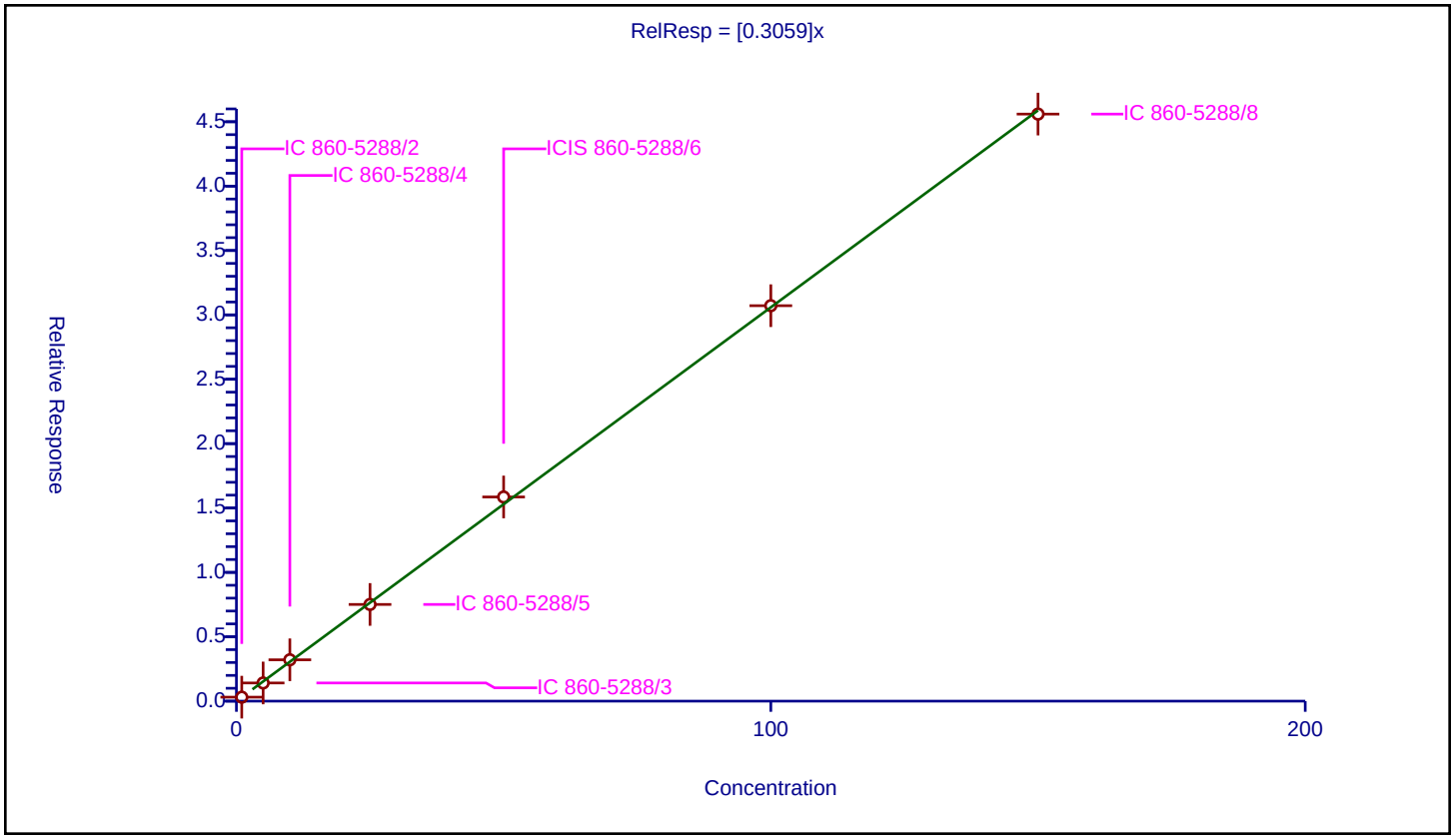
Curve Coefficients

Intercept:	0
Slope:	0.3059

Error Coefficients

Standard Error:	602000
Relative Standard Error:	4.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	0.3089	50.0	1079801.0	0.3089	Y
2	IC 860-5288/3	5.0	1.412266	50.0	1214396.0	0.282453	Y
3	IC 860-5288/4	10.0	3.211448	50.0	1168445.0	0.321145	Y
4	IC 860-5288/5	25.0	7.510331	50.0	1216298.0	0.300413	Y
5	ICIS 860-5288/6	50.0	15.857129	50.0	1231938.0	0.317143	Y
6	IC 860-5288/7	100.0	30.713856	50.0	1261333.0	0.307139	Y
7	IC 860-5288/8	150.0	45.597438	50.0	1289681.0	0.303983	Y



Calibration / 1-Chlorohexane

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

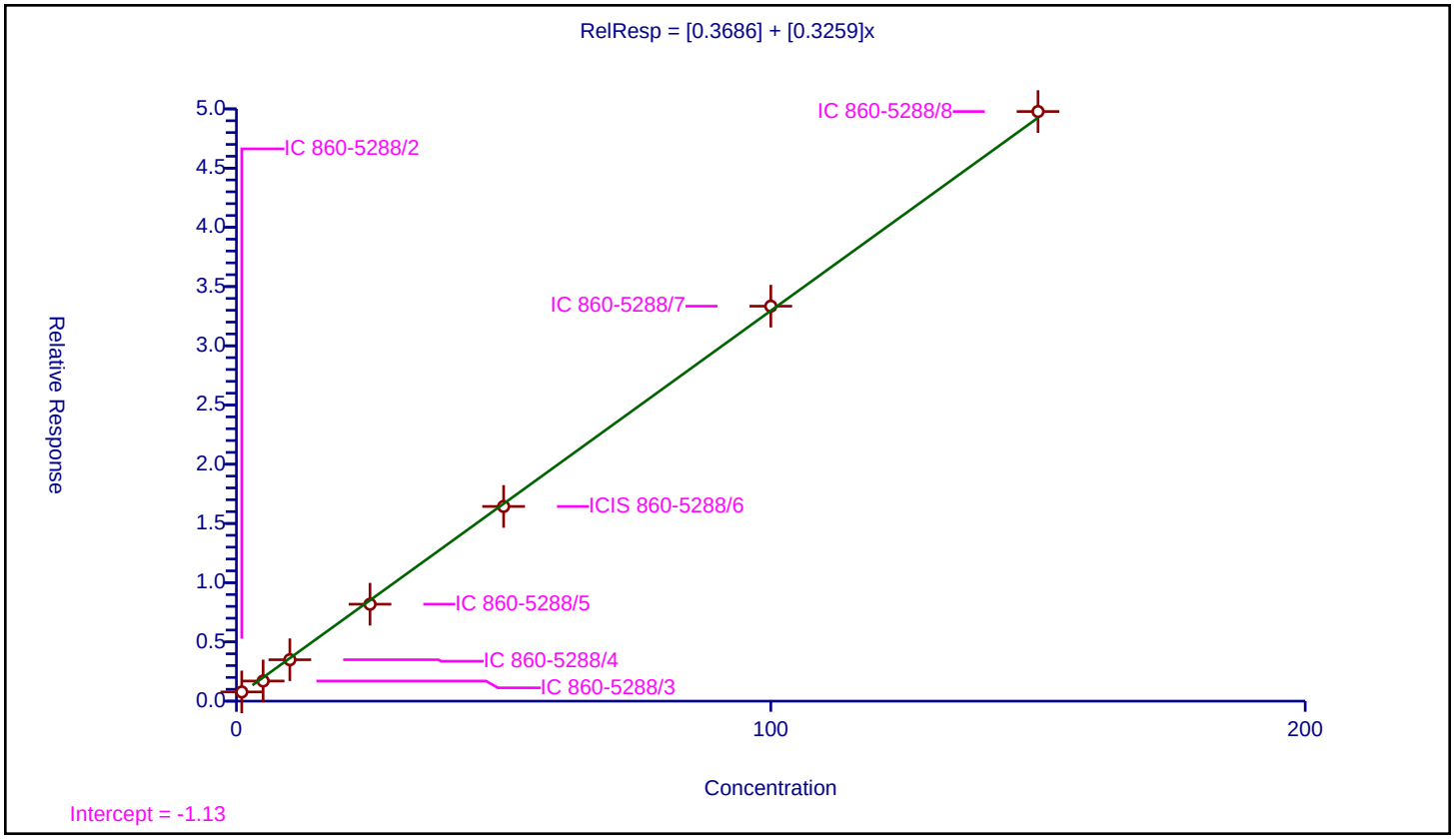
Curve Coefficients

Intercept:	0.3686
Slope:	0.3259

Error Coefficients

Standard Error:	717000
Relative Standard Error:	14.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	0.777967	50.0	1079801.0	0.777967	Y
2	IC 860-5288/3	5.0	1.69924	50.0	1214396.0	0.339848	Y
3	IC 860-5288/4	10.0	3.496313	50.0	1168445.0	0.349631	Y
4	IC 860-5288/5	25.0	8.183521	50.0	1216298.0	0.327341	Y
5	ICIS 860-5288/6	50.0	16.436298	50.0	1231938.0	0.328726	Y
6	IC 860-5288/7	100.0	33.345992	50.0	1261333.0	0.33346	Y
7	IC 860-5288/8	150.0	49.777426	50.0	1289681.0	0.33185	Y



Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

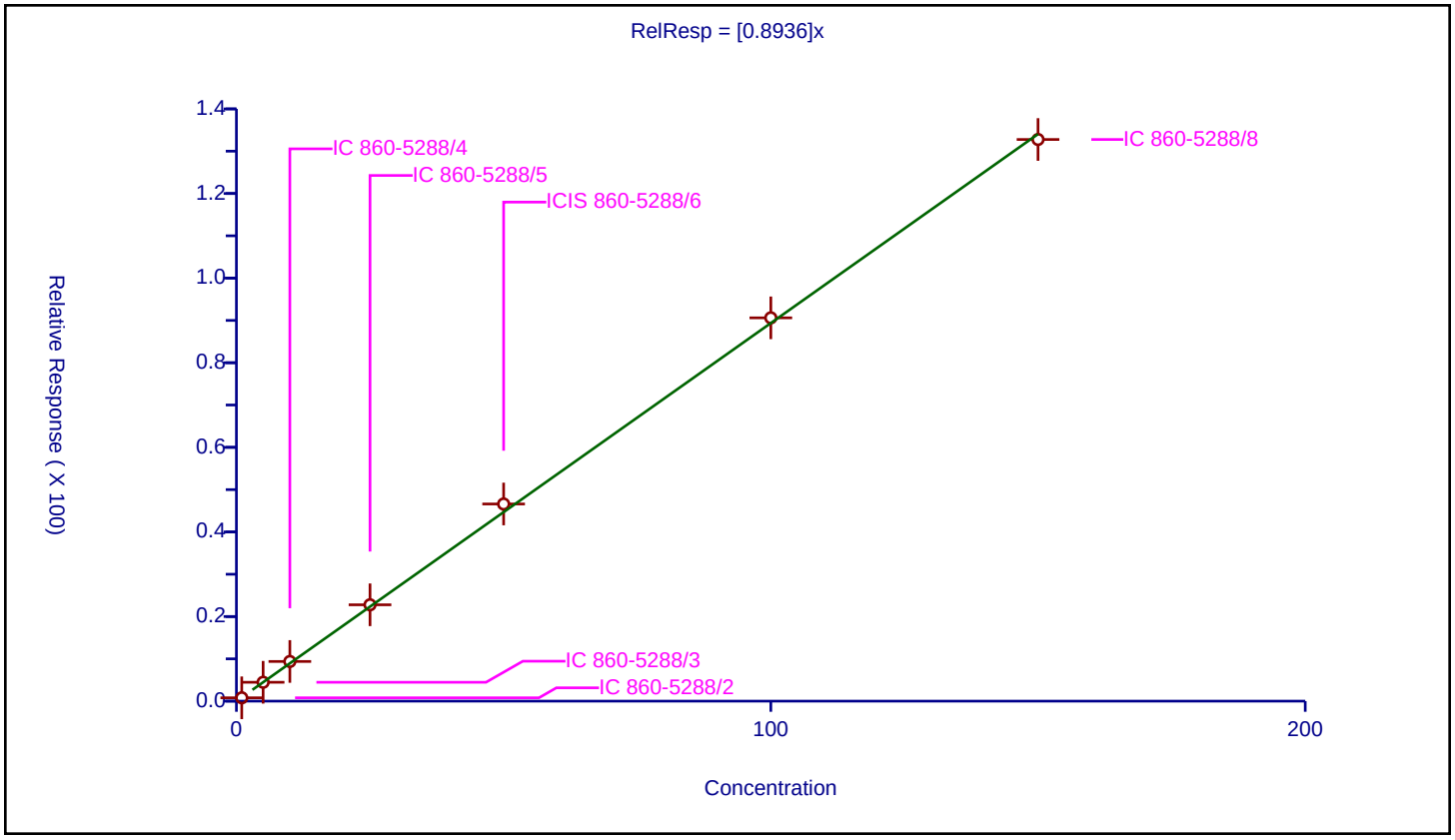
Curve Coefficients

Intercept:	0
Slope:	0.8936

Error Coefficients

Standard Error:	1760000
Relative Standard Error:	5.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	0.791303	50.0	1079801.0	0.791303	Y
2	IC 860-5288/3	5.0	4.459954	50.0	1214396.0	0.891991	Y
3	IC 860-5288/4	10.0	9.379389	50.0	1168445.0	0.937939	Y
4	IC 860-5288/5	25.0	22.775257	50.0	1216298.0	0.91101	Y
5	ICIS 860-5288/6	50.0	46.603319	50.0	1231938.0	0.932066	Y
6	IC 860-5288/7	100.0	90.606723	50.0	1261333.0	0.906067	Y
7	IC 860-5288/8	150.0	132.766281	50.0	1289681.0	0.885109	Y



Calibration / 1,1,1,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

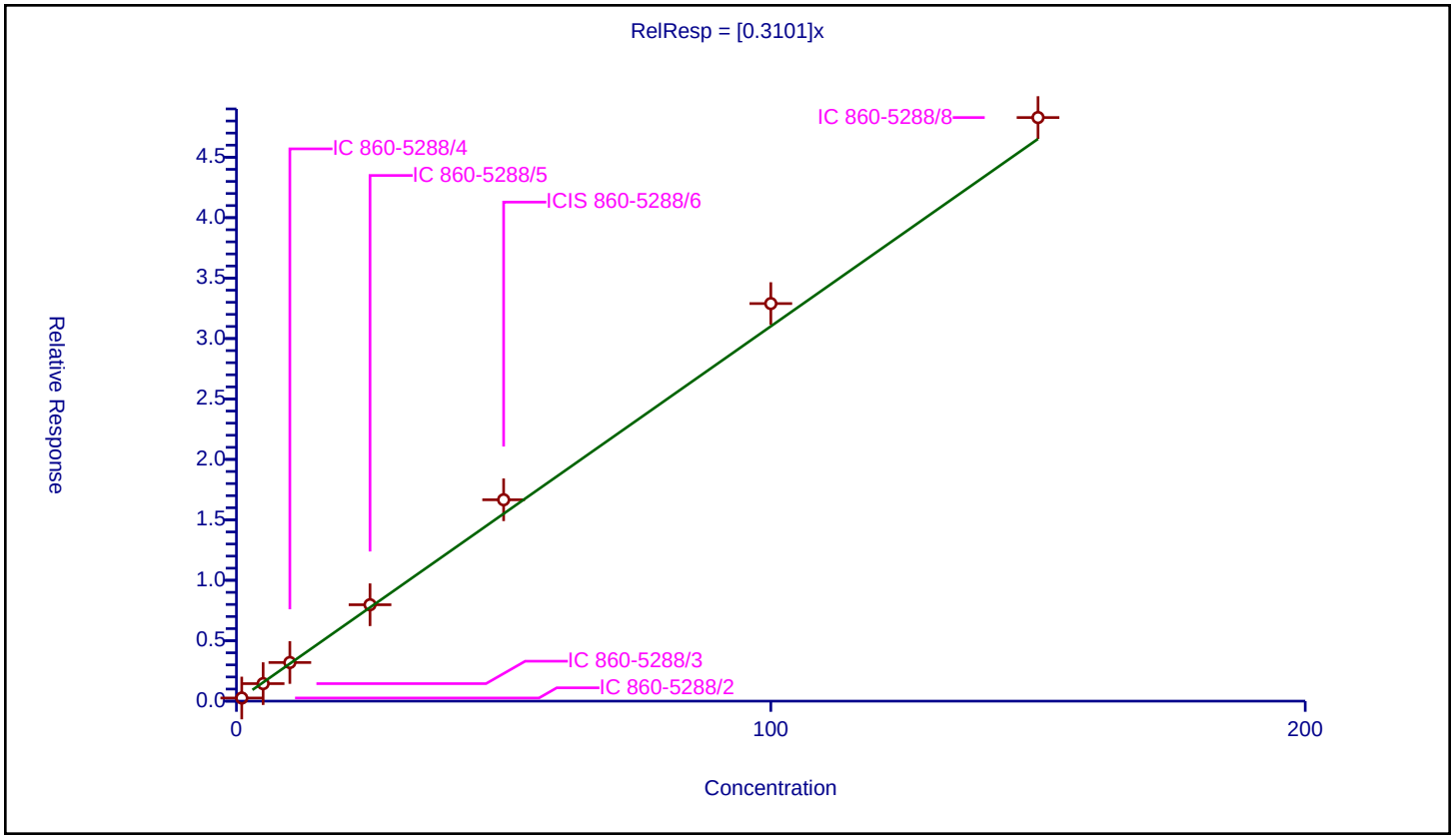
Curve Coefficients

Intercept:	0
Slope:	0.3101

Error Coefficients

Standard Error:	639000
Relative Standard Error:	8.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	0.258427	50.0	1079801.0	0.258427	Y
2	IC 860-5288/3	5.0	1.448498	50.0	1214396.0	0.2897	Y
3	IC 860-5288/4	10.0	3.195444	50.0	1168445.0	0.319544	Y
4	IC 860-5288/5	25.0	7.976211	50.0	1216298.0	0.319048	Y
5	ICIS 860-5288/6	50.0	16.660579	50.0	1231938.0	0.333212	Y
6	IC 860-5288/7	100.0	32.893891	50.0	1261333.0	0.328939	Y
7	IC 860-5288/8	150.0	48.284188	50.0	1289681.0	0.321895	Y



Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

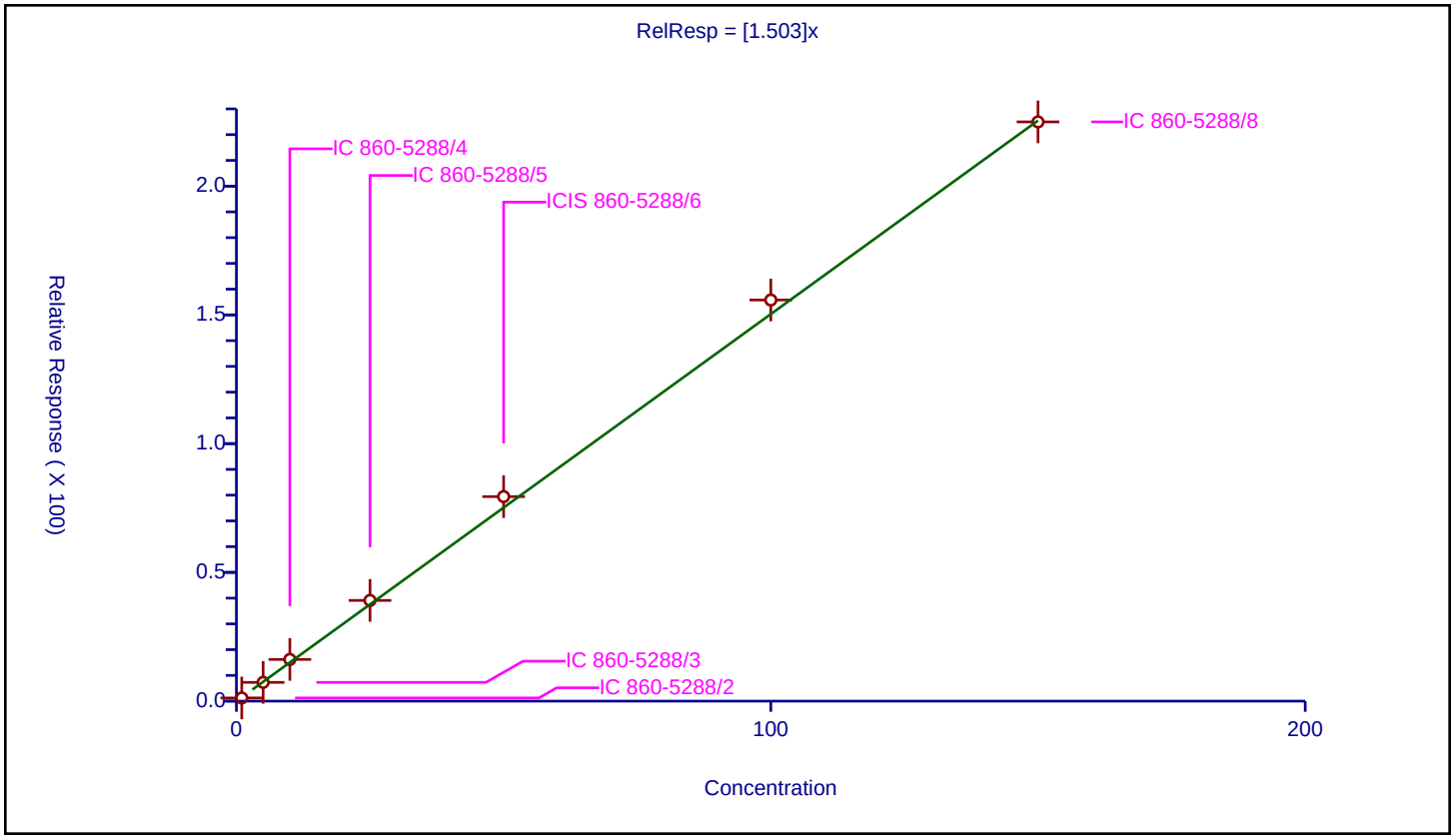
Curve Coefficients

Intercept:	0
Slope:	1.503

Error Coefficients

Standard Error:	3000000
Relative Standard Error:	8.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	1.234903	50.0	1079801.0	1.234903	Y
2	IC 860-5288/3	5.0	7.287738	50.0	1214396.0	1.457548	Y
3	IC 860-5288/4	10.0	16.188866	50.0	1168445.0	1.618887	Y
4	IC 860-5288/5	25.0	39.117757	50.0	1216298.0	1.56471	Y
5	ICIS 860-5288/6	50.0	79.429728	50.0	1231938.0	1.588595	Y
6	IC 860-5288/7	100.0	155.782256	50.0	1261333.0	1.557823	Y
7	IC 860-5288/8	150.0	224.951131	50.0	1289681.0	1.499674	Y



Calibration / m-Xylene & p-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

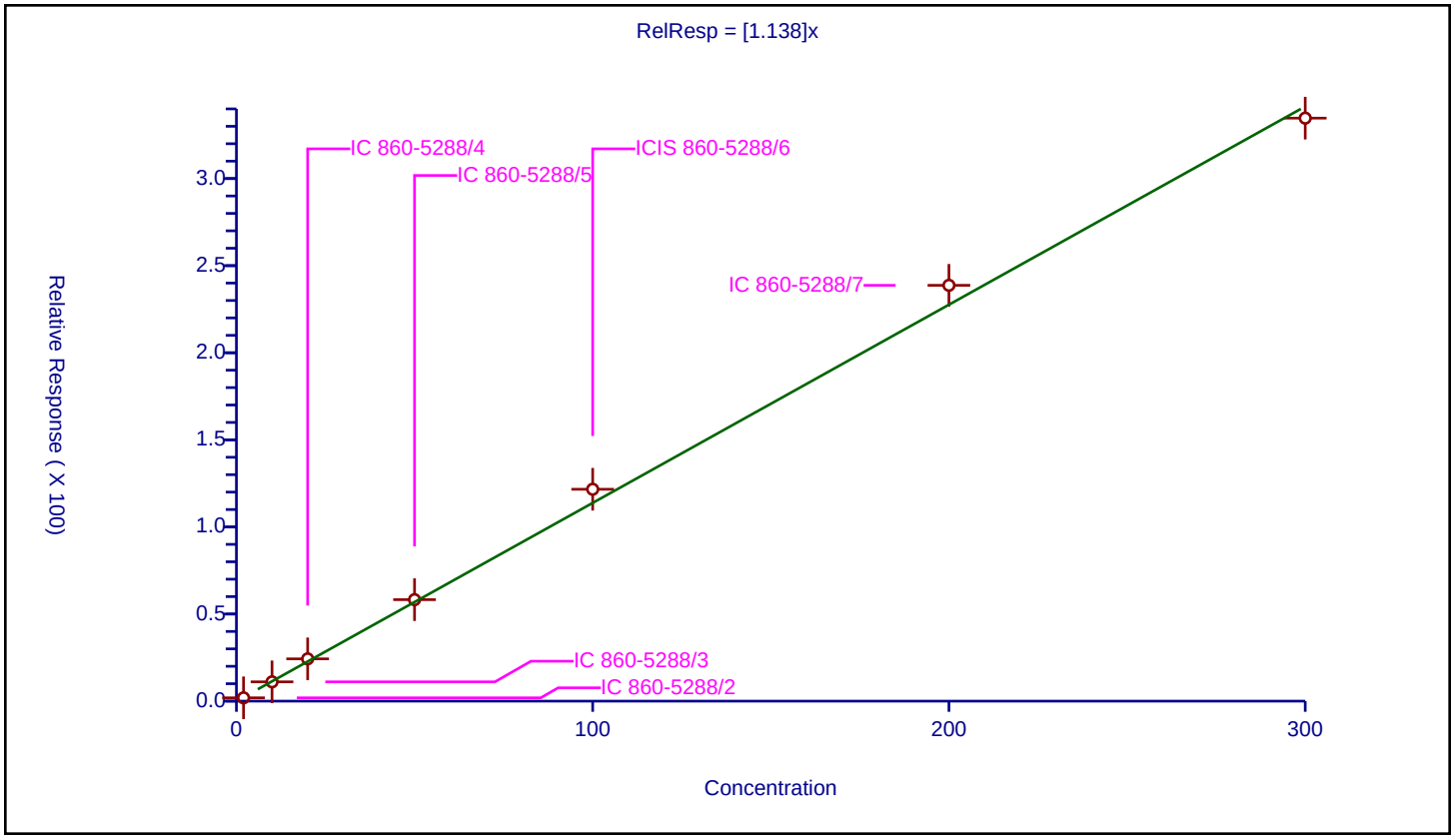
Curve Coefficients

Intercept:	0
Slope:	1.138

Error Coefficients

Standard Error:	4510000
Relative Standard Error:	8.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	2.0	1.909148	50.0	1079801.0	0.954574	Y
2	IC 860-5288/3	10.0	11.071306	50.0	1214396.0	1.107131	Y
3	IC 860-5288/4	20.0	24.265926	50.0	1168445.0	1.213296	Y
4	IC 860-5288/5	50.0	58.261133	50.0	1216298.0	1.165223	Y
5	ICIS 860-5288/6	100.0	121.638386	50.0	1231938.0	1.216384	Y
6	IC 860-5288/7	200.0	238.714003	50.0	1261333.0	1.19357	Y
7	IC 860-5288/8	300.0	334.688152	50.0	1289681.0	1.115627	Y



Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

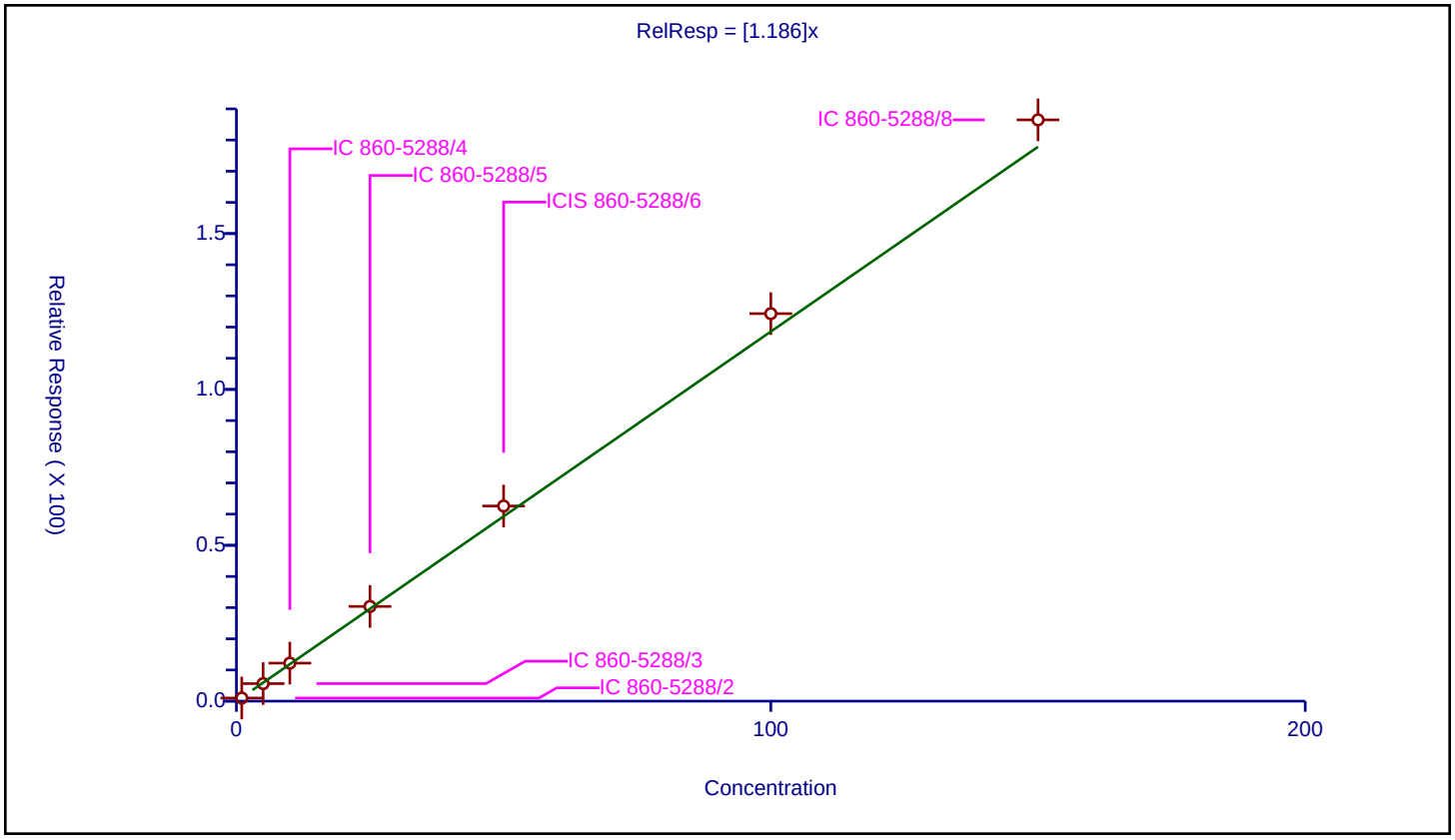
Curve Coefficients

Intercept:	0
Slope:	1.186

Error Coefficients

Standard Error:	2450000
Relative Standard Error:	7.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	1.000092	50.0	1079801.0	1.000092	Y
2	IC 860-5288/3	5.0	5.625842	50.0	1214396.0	1.125168	Y
3	IC 860-5288/4	10.0	12.200232	50.0	1168445.0	1.220023	Y
4	IC 860-5288/5	25.0	30.379233	50.0	1216298.0	1.215169	Y
5	ICIS 860-5288/6	50.0	62.603435	50.0	1231938.0	1.252069	Y
6	IC 860-5288/7	100.0	124.31618	50.0	1261333.0	1.243162	Y
7	IC 860-5288/8	150.0	186.473864	50.0	1289681.0	1.243159	Y



Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

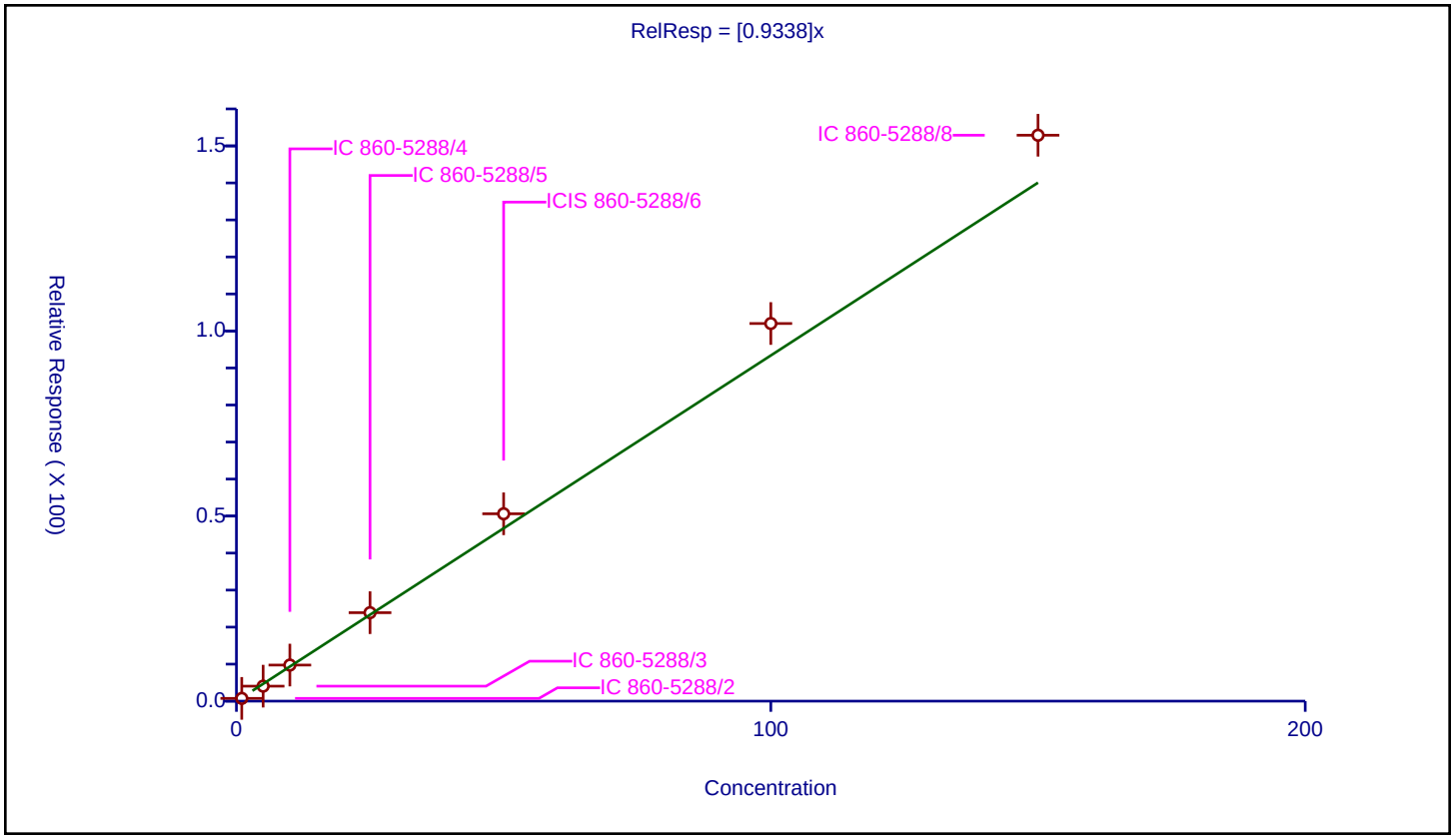
Curve Coefficients

Intercept:	0
Slope:	0.9338

Error Coefficients

Standard Error:	2010000
Relative Standard Error:	11.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	0.744535	50.0	1079801.0	0.744535	Y
2	IC 860-5288/3	5.0	4.049585	50.0	1214396.0	0.809917	Y
3	IC 860-5288/4	10.0	9.746372	50.0	1168445.0	0.974637	Y
4	IC 860-5288/5	25.0	23.896282	50.0	1216298.0	0.955851	Y
5	ICIS 860-5288/6	50.0	50.616752	50.0	1231938.0	1.012335	Y
6	IC 860-5288/7	100.0	102.017707	50.0	1261333.0	1.020177	Y
7	IC 860-5288/8	150.0	152.885093	50.0	1289681.0	1.019234	Y



Calibration / Bromoform

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

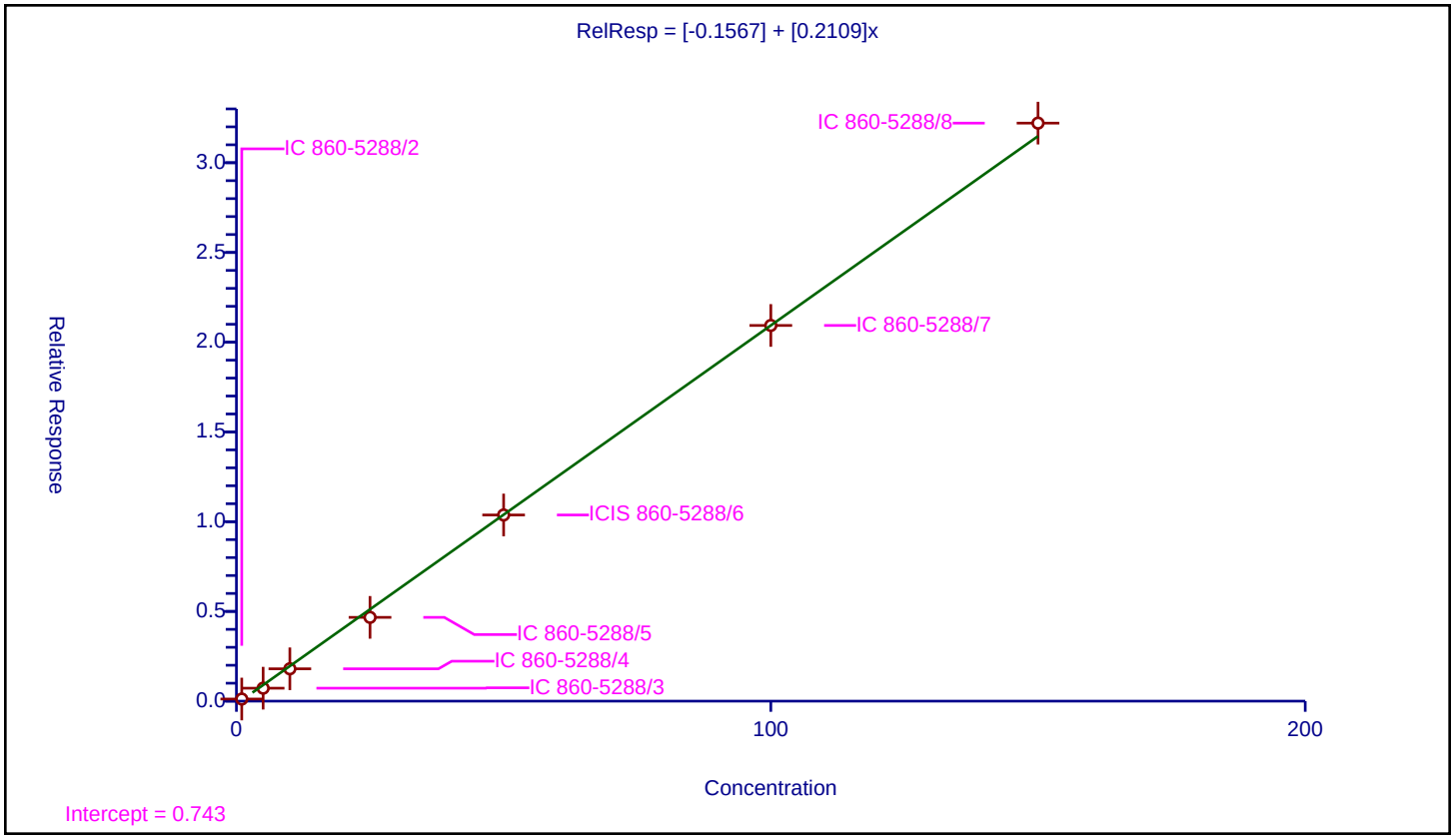
Curve Coefficients

Intercept:	-0.1567
Slope:	0.2109

Error Coefficients

Standard Error:	458000
Relative Standard Error:	16.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	0.117892	50.0	1079801.0	0.117892	Y
2	IC 860-5288/3	5.0	0.721923	50.0	1214396.0	0.144385	Y
3	IC 860-5288/4	10.0	1.801839	50.0	1168445.0	0.180184	Y
4	IC 860-5288/5	25.0	4.668058	50.0	1216298.0	0.186722	Y
5	ICIS 860-5288/6	50.0	10.373371	50.0	1231938.0	0.207467	Y
6	IC 860-5288/7	100.0	20.933489	50.0	1261333.0	0.209335	Y
7	IC 860-5288/8	150.0	32.207344	50.0	1289681.0	0.214716	Y



Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

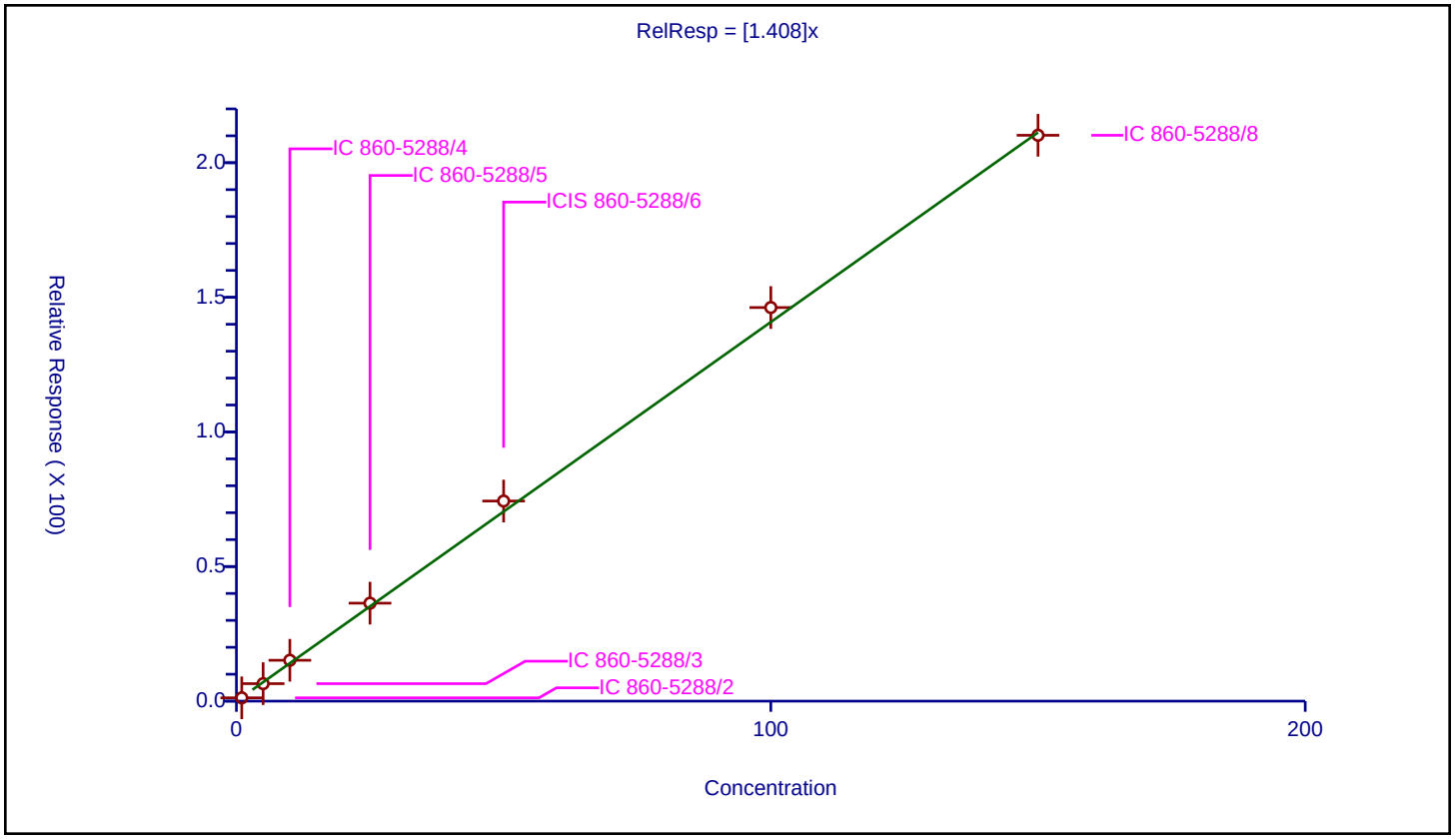
Curve Coefficients

Intercept:	0
Slope:	1.408

Error Coefficients

Standard Error:	2810000
Relative Standard Error:	7.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	1.234487	50.0	1079801.0	1.234487	Y
2	IC 860-5288/3	5.0	6.496192	50.0	1214396.0	1.299238	Y
3	IC 860-5288/4	10.0	15.183642	50.0	1168445.0	1.518364	Y
4	IC 860-5288/5	25.0	36.392726	50.0	1216298.0	1.455709	Y
5	ICIS 860-5288/6	50.0	74.335437	50.0	1231938.0	1.486709	Y
6	IC 860-5288/7	100.0	146.209367	50.0	1261333.0	1.462094	Y
7	IC 860-5288/8	150.0	210.194653	50.0	1289681.0	1.401298	Y



Calibration / 4-Bromofluorobenzene (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

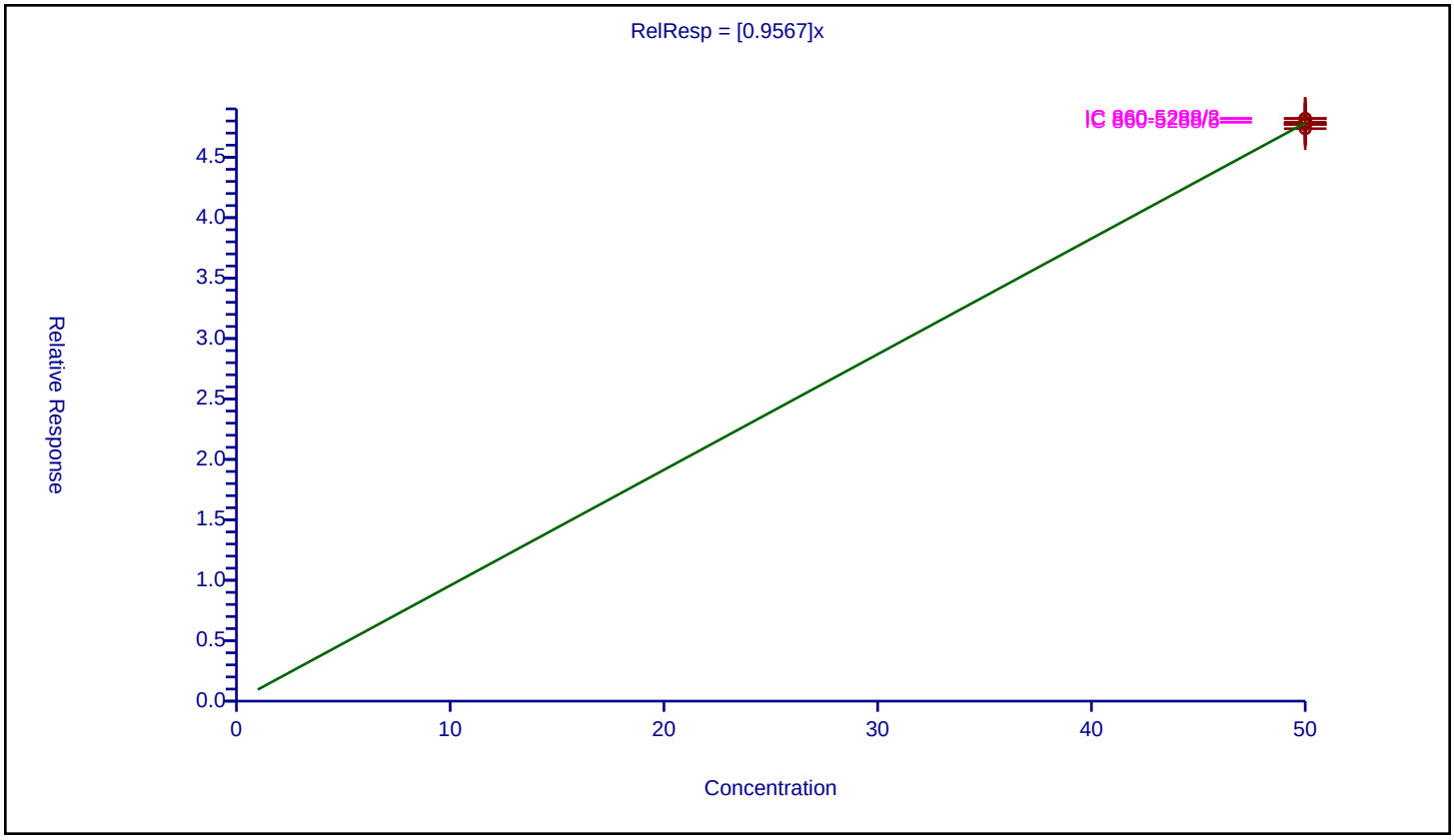
Curve Coefficients

Intercept:	0
Slope:	0.9567

Error Coefficients

Standard Error:	606000
Relative Standard Error:	0.6
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	50.0	48.198476	50.0	565105.0	0.96397	Y
2	IC 860-5288/3	50.0	48.198744	50.0	570463.0	0.963975	Y
3	IC 860-5288/4	50.0	47.723125	50.0	554027.0	0.954463	Y
4	IC 860-5288/5	50.0	47.8941	50.0	580963.0	0.957882	Y
5	ICIS 860-5288/6	50.0	47.745895	50.0	600571.0	0.954918	Y
6	IC 860-5288/7	50.0	47.723667	50.0	602658.0	0.954473	Y
7	IC 860-5288/8	50.0	47.365542	50.0	629769.0	0.947311	Y



Calibration / 1,1,2,2-Tetrachloroethane

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

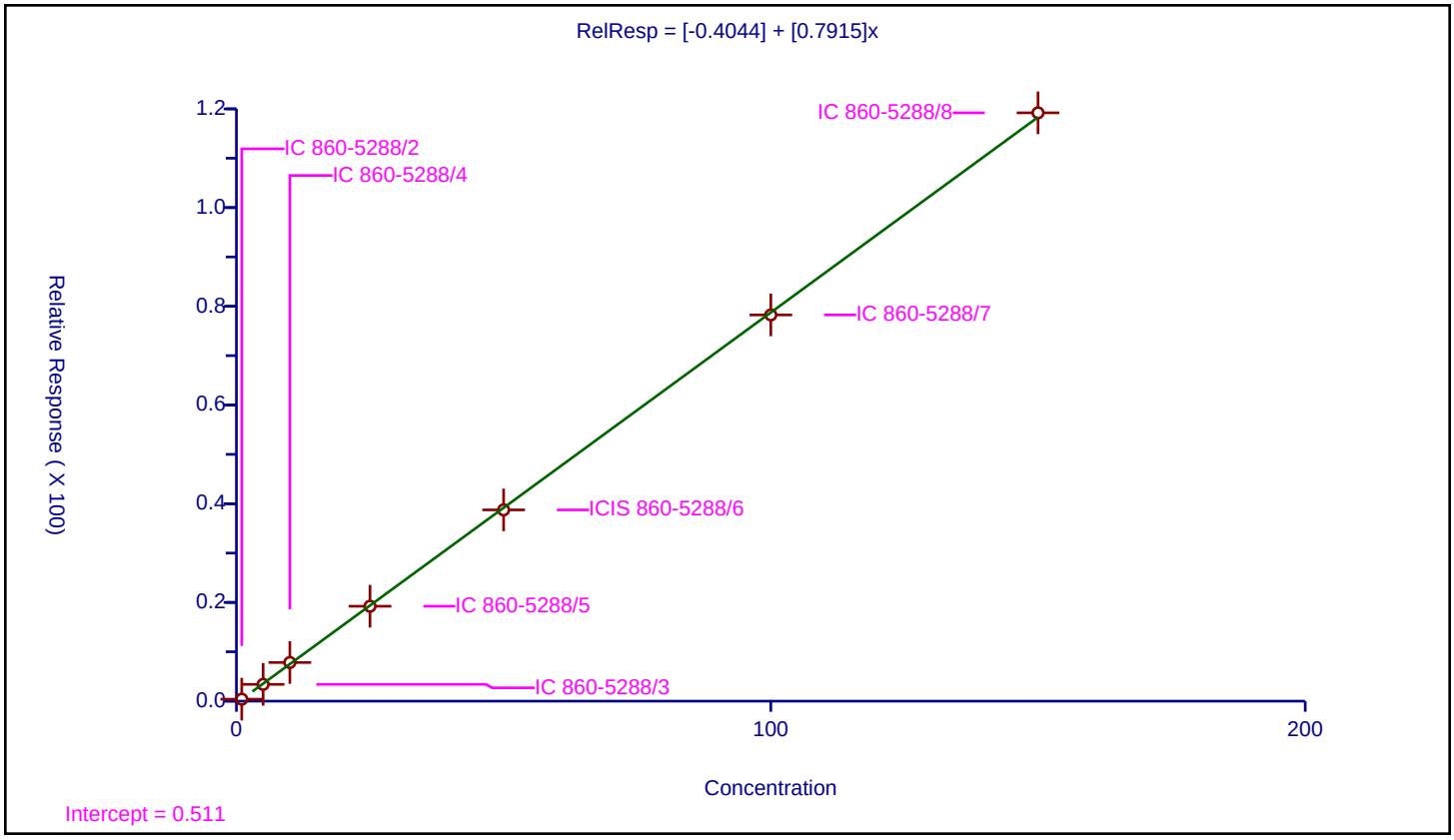
Curve Coefficients

Intercept:	-0.4044
Slope:	0.7915

Error Coefficients

Standard Error:	827000
Relative Standard Error:	2.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	0.398598	50.0	565105.0	0.398598	Y
2	IC 860-5288/3	5.0	3.401272	50.0	570463.0	0.680254	Y
3	IC 860-5288/4	10.0	7.834907	50.0	554027.0	0.783491	Y
4	IC 860-5288/5	25.0	19.230571	50.0	580963.0	0.769223	Y
5	ICIS 860-5288/6	50.0	38.748374	50.0	600571.0	0.774967	Y
6	IC 860-5288/7	100.0	78.254499	50.0	602658.0	0.782545	Y
7	IC 860-5288/8	150.0	119.201326	50.0	629769.0	0.794676	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

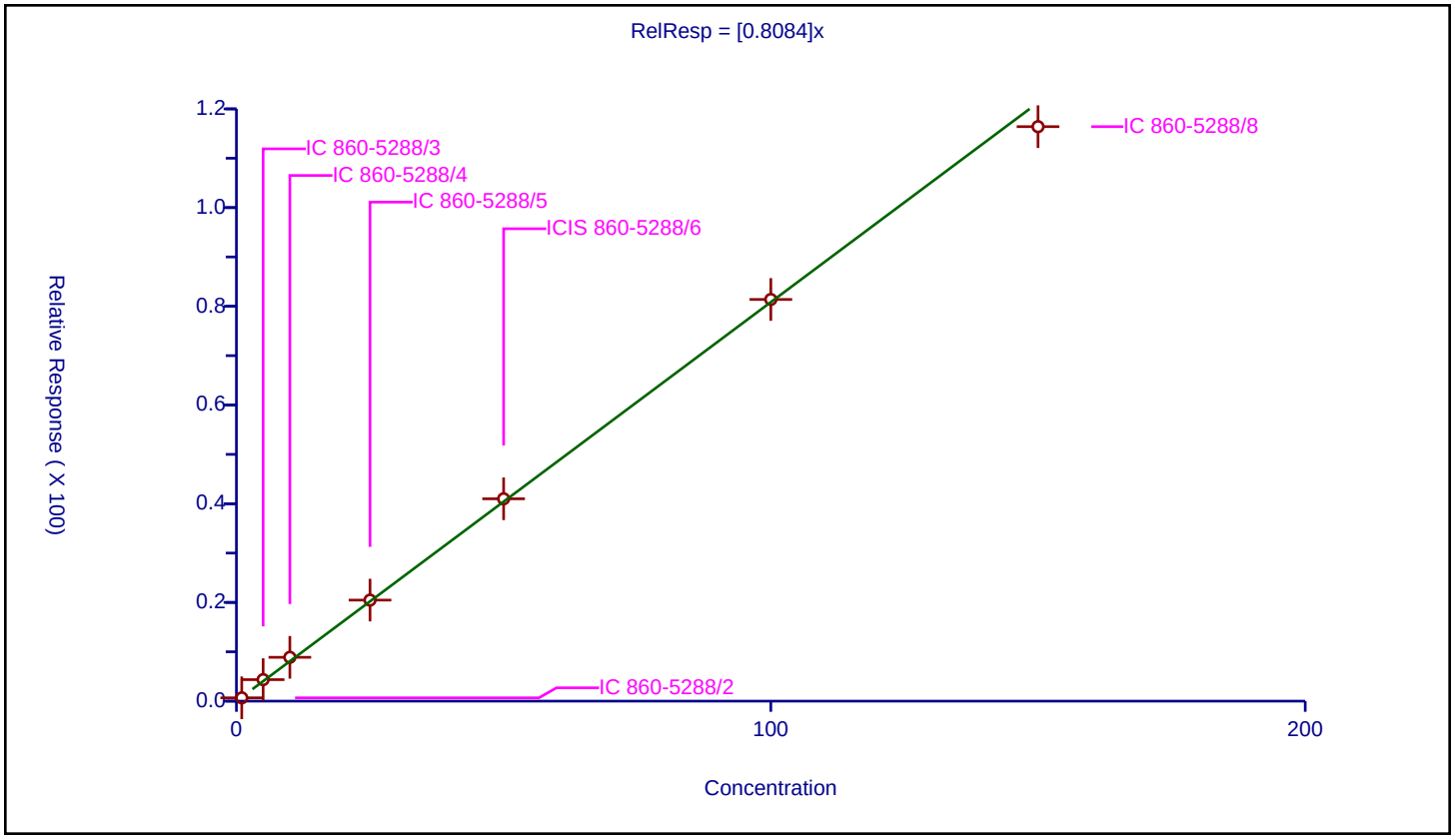
Curve Coefficients

Intercept:	0
Slope:	0.8084

Error Coefficients

Standard Error:	755000
Relative Standard Error:	8.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	0.670406	50.0	565105.0	0.670406	Y
2	IC 860-5288/3	5.0	4.358915	50.0	570463.0	0.871783	Y
3	IC 860-5288/4	10.0	8.880885	50.0	554027.0	0.888088	Y
4	IC 860-5288/5	25.0	20.474023	50.0	580963.0	0.818961	Y
5	ICIS 860-5288/6	50.0	41.000148	50.0	600571.0	0.820003	Y
6	IC 860-5288/7	100.0	81.387951	50.0	602658.0	0.81388	Y
7	IC 860-5288/8	150.0	116.40014	50.0	629769.0	0.776001	Y



Calibration / 1,2,3-Trichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

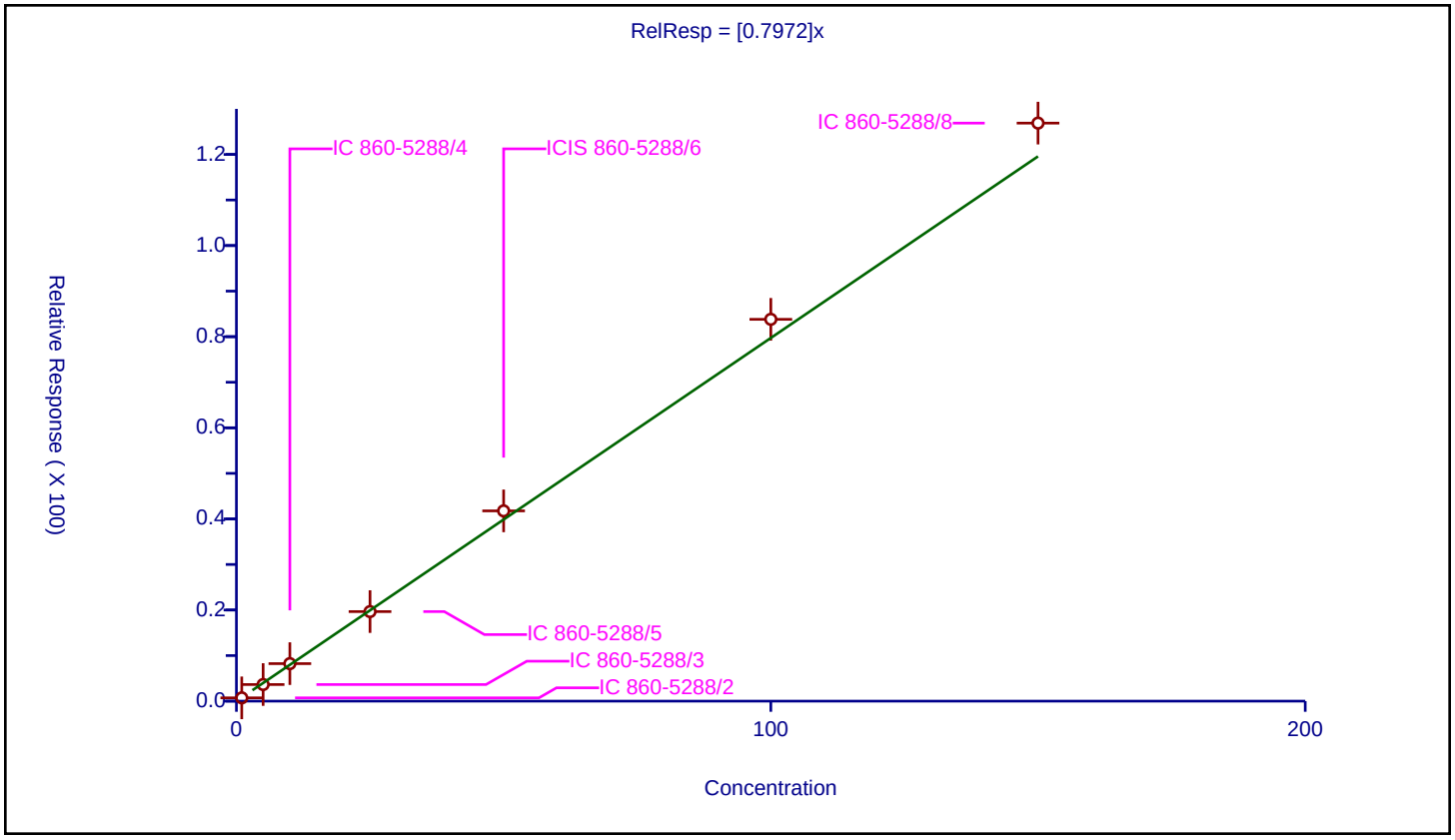
Curve Coefficients

Intercept:	0
Slope:	0.7972

Error Coefficients

Standard Error:	805000
Relative Standard Error:	6.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	0.721813	50.0	565105.0	0.721813	Y
2	IC 860-5288/3	5.0	3.646775	50.0	570463.0	0.729355	Y
3	IC 860-5288/4	10.0	8.23579	50.0	554027.0	0.823579	Y
4	IC 860-5288/5	25.0	19.655985	50.0	580963.0	0.786239	Y
5	ICIS 860-5288/6	50.0	41.76542	50.0	600571.0	0.835308	Y
6	IC 860-5288/7	100.0	83.809391	50.0	602658.0	0.838094	Y
7	IC 860-5288/8	150.0	126.879856	50.0	629769.0	0.845866	Y



Calibration / trans-1,4-Dichloro-2-butene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

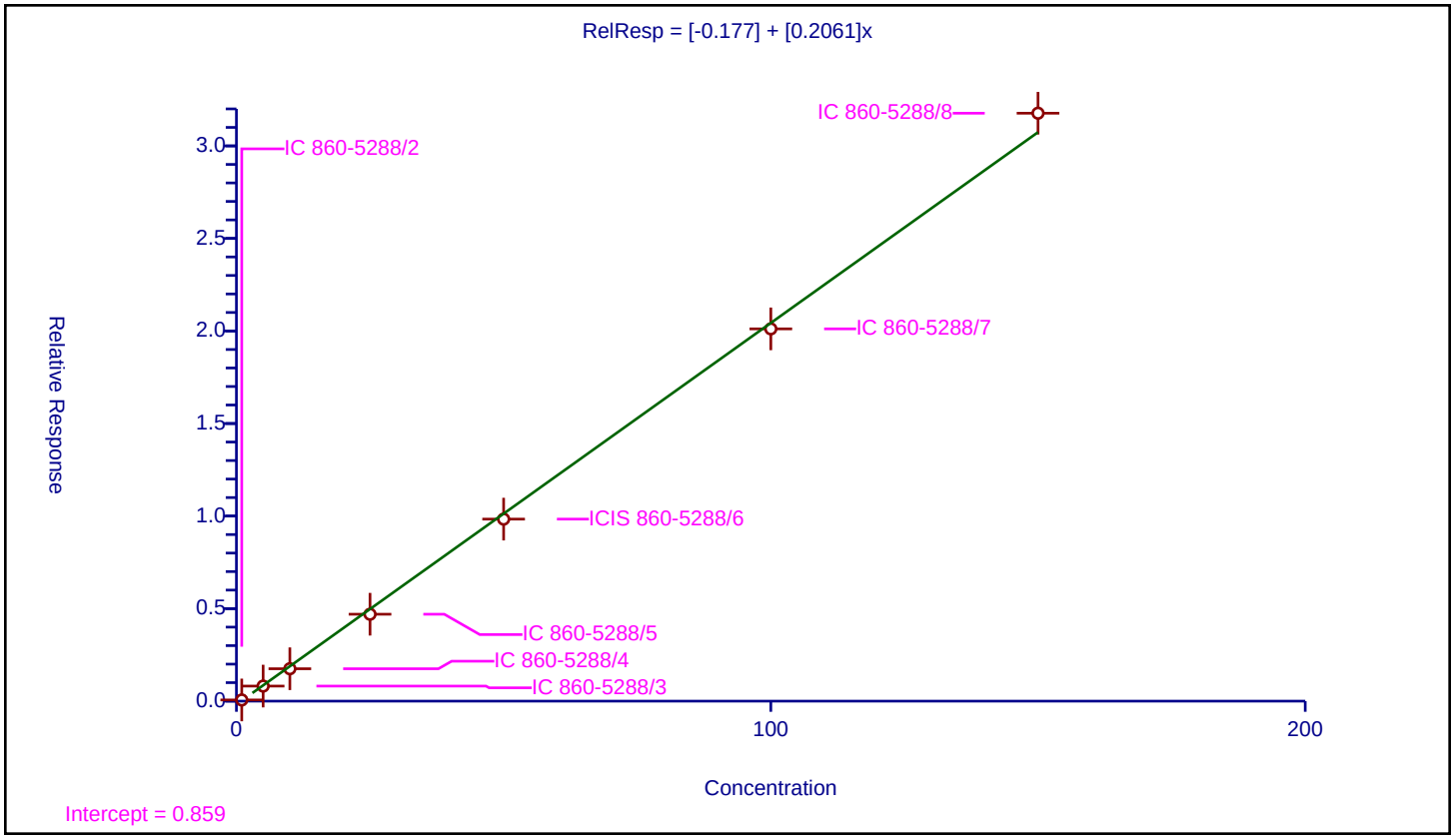
Curve Coefficients

Intercept:	-0.177
Slope:	0.2061

Error Coefficients

Standard Error:	217000
Relative Standard Error:	8.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	0.063705	50.0	565105.0	0.063705	Y
2	IC 860-5288/3	5.0	0.813813	50.0	570463.0	0.162763	Y
3	IC 860-5288/4	10.0	1.750817	50.0	554027.0	0.175082	Y
4	IC 860-5288/5	25.0	4.696599	50.0	580963.0	0.187864	Y
5	ICIS 860-5288/6	50.0	9.83589	50.0	600571.0	0.196718	Y
6	IC 860-5288/7	100.0	20.114974	50.0	602658.0	0.20115	Y
7	IC 860-5288/8	150.0	31.767362	50.0	629769.0	0.211782	Y



Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

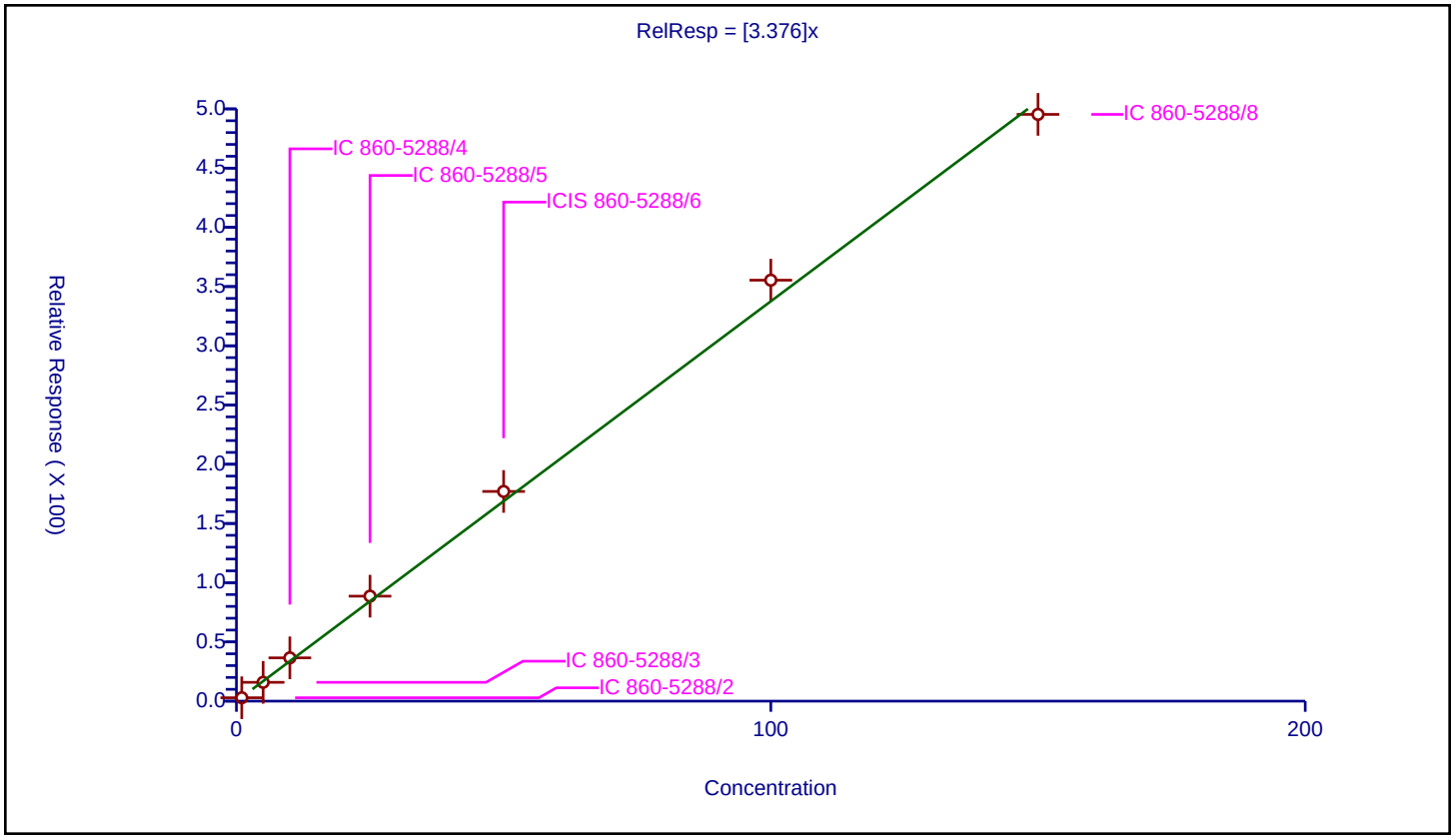
Curve Coefficients

Intercept:	0
Slope:	3.376

Error Coefficients

Standard Error:	3240000
Relative Standard Error:	8.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	2.85646	50.0	565105.0	2.85646	Y
2	IC 860-5288/3	5.0	15.87684	50.0	570463.0	3.175368	Y
3	IC 860-5288/4	10.0	36.55941	50.0	554027.0	3.655941	Y
4	IC 860-5288/5	25.0	88.633011	50.0	580963.0	3.54532	Y
5	ICIS 860-5288/6	50.0	177.038768	50.0	600571.0	3.540775	Y
6	IC 860-5288/7	100.0	355.390205	50.0	602658.0	3.553902	Y
7	IC 860-5288/8	150.0	495.360521	50.0	629769.0	3.302403	Y



Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

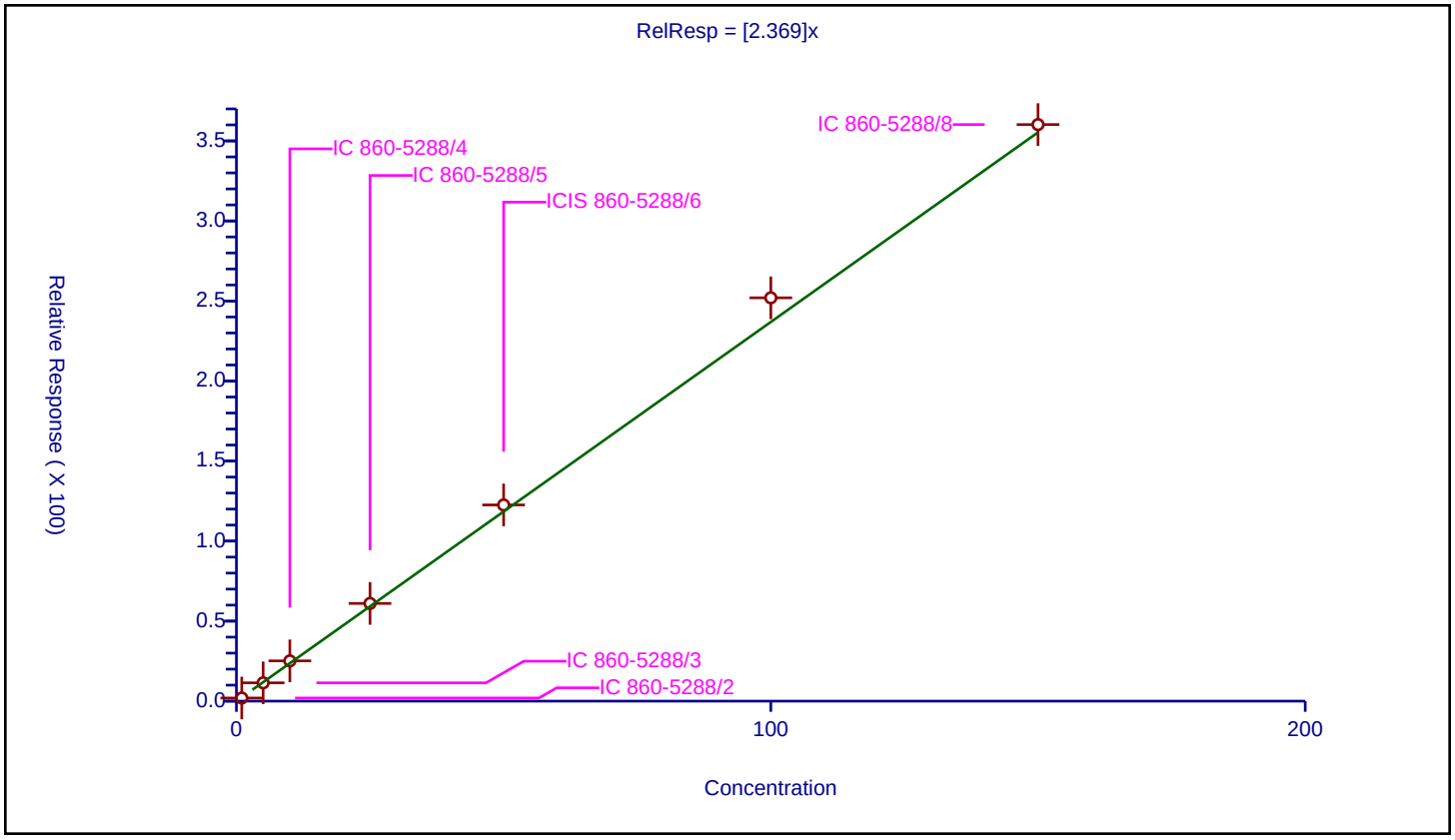
Curve Coefficients

Intercept:	0
Slope:	2.369

Error Coefficients

Standard Error:	2330000
Relative Standard Error:	8.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	1.963263	50.0	565105.0	1.963263	Y
2	IC 860-5288/3	5.0	11.445878	50.0	570463.0	2.289176	Y
3	IC 860-5288/4	10.0	25.149406	50.0	554027.0	2.514941	Y
4	IC 860-5288/5	25.0	61.047778	50.0	580963.0	2.441911	Y
5	ICIS 860-5288/6	50.0	122.56694	50.0	600571.0	2.451339	Y
6	IC 860-5288/7	100.0	251.974005	50.0	602658.0	2.51974	Y
7	IC 860-5288/8	150.0	360.19731	50.0	629769.0	2.401315	Y



Calibration / 1,3,5-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

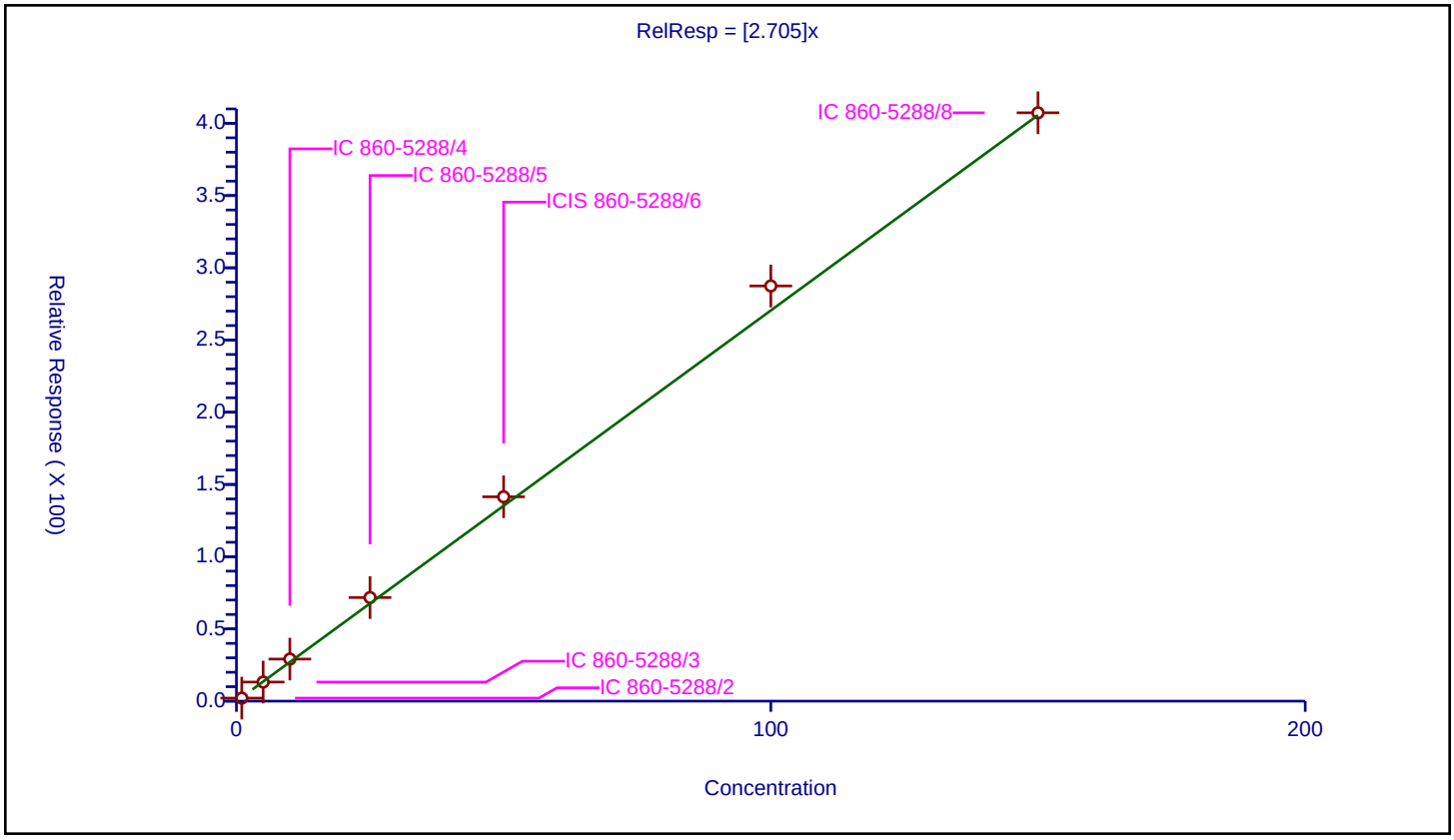
Curve Coefficients

Intercept:	0
Slope:	2.705

Error Coefficients

Standard Error:	2650000
Relative Standard Error:	10.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	2.08855	50.0	565105.0	2.08855	Y
2	IC 860-5288/3	5.0	13.216195	50.0	570463.0	2.643239	Y
3	IC 860-5288/4	10.0	29.127552	50.0	554027.0	2.912755	Y
4	IC 860-5288/5	25.0	71.718767	50.0	580963.0	2.868751	Y
5	ICIS 860-5288/6	50.0	141.460793	50.0	600571.0	2.829216	Y
6	IC 860-5288/7	100.0	287.431512	50.0	602658.0	2.874315	Y
7	IC 860-5288/8	150.0	407.299978	50.0	629769.0	2.715333	Y



Calibration / 4-Ethyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

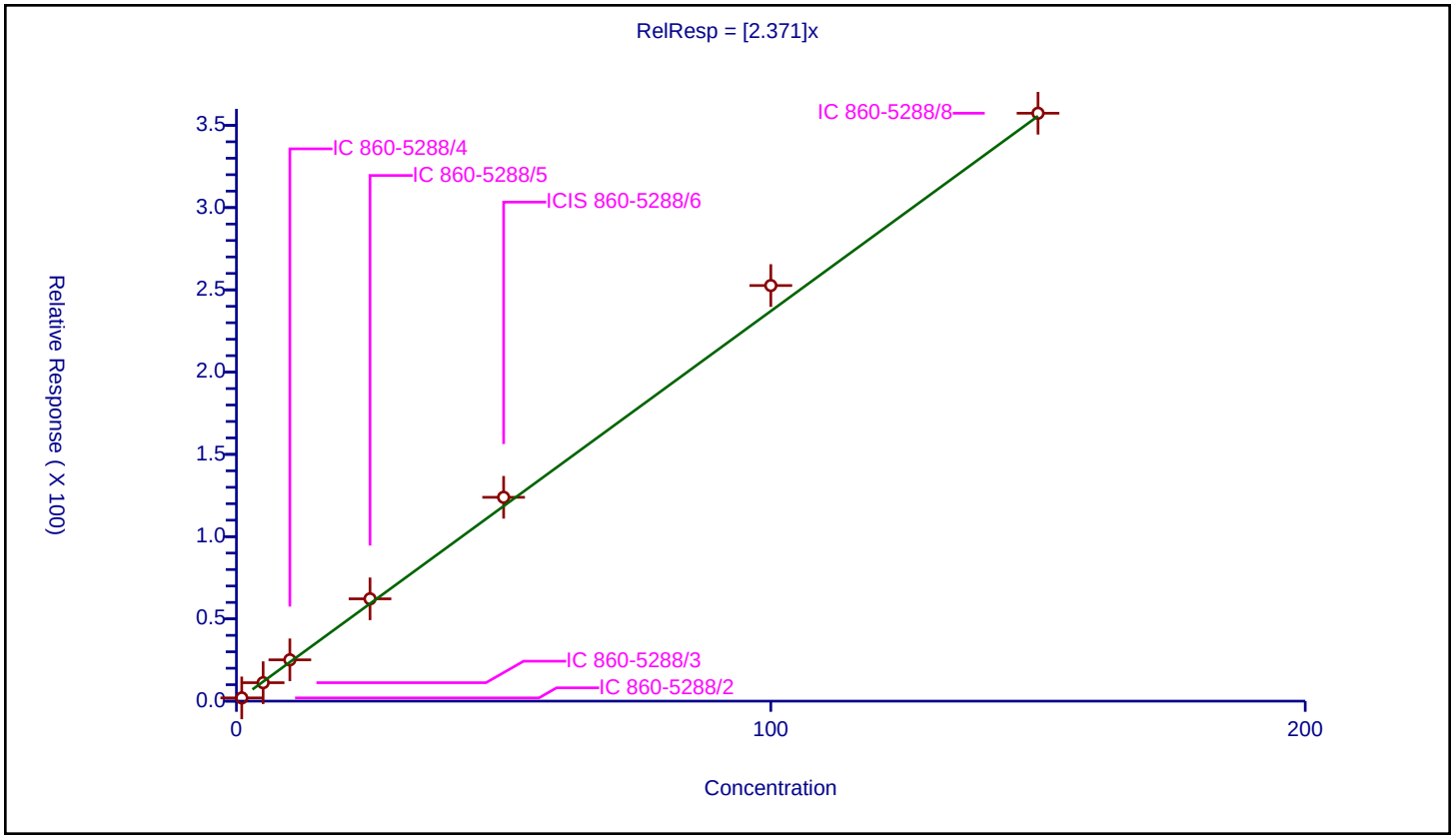
Curve Coefficients

Intercept:	0
Slope:	2.371

Error Coefficients

Standard Error:	2320000
Relative Standard Error:	8.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	1.969103	50.0	565105.0	1.969103	Y
2	IC 860-5288/3	5.0	11.206073	50.0	570463.0	2.241215	Y
3	IC 860-5288/4	10.0	25.113758	50.0	554027.0	2.511376	Y
4	IC 860-5288/5	25.0	62.199142	50.0	580963.0	2.487966	Y
5	ICIS 860-5288/6	50.0	123.906749	50.0	600571.0	2.478135	Y
6	IC 860-5288/7	100.0	252.635408	50.0	602658.0	2.526354	Y
7	IC 860-5288/8	150.0	357.362541	50.0	629769.0	2.382417	Y



Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

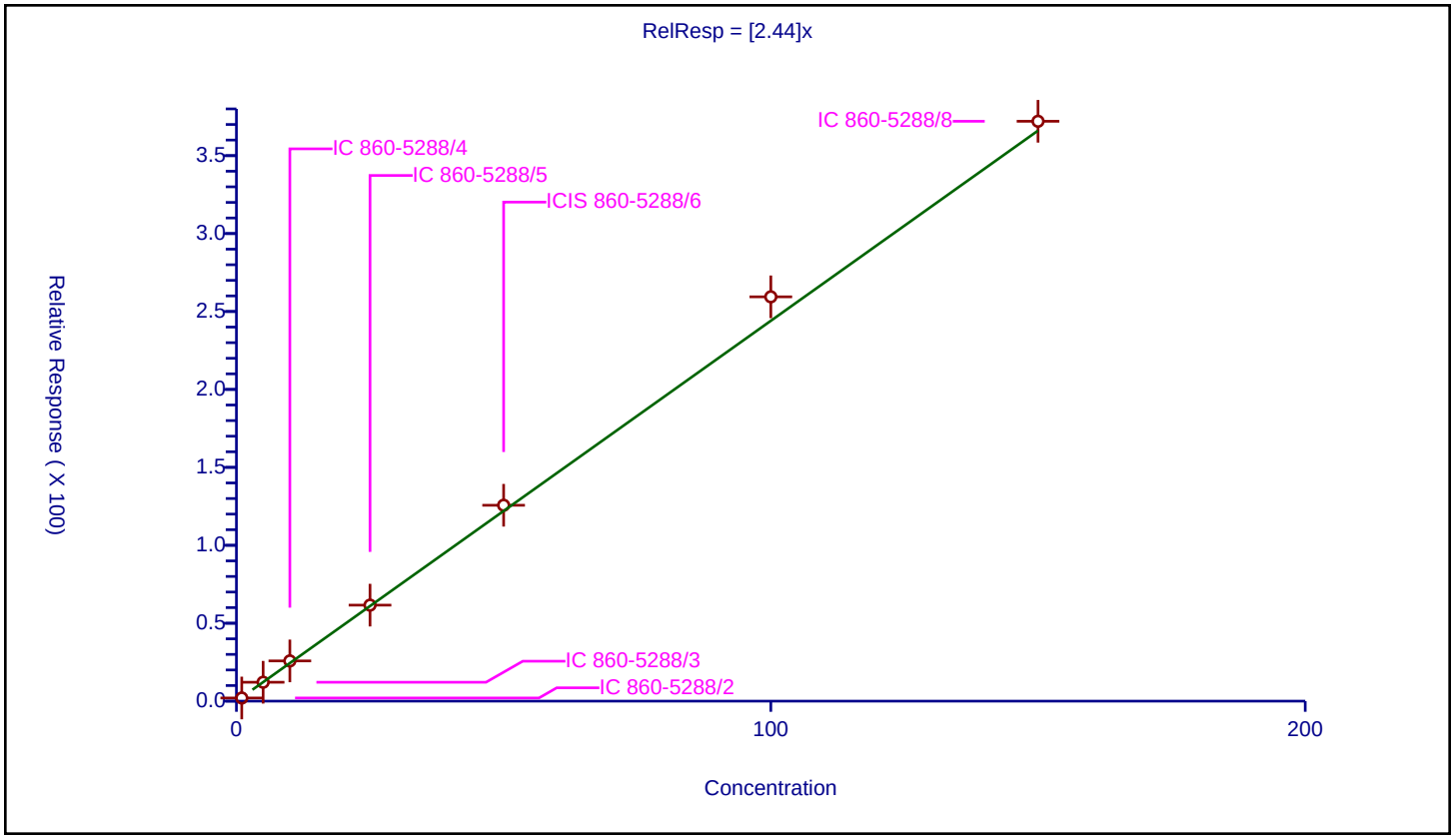
Curve Coefficients

Intercept:	0
Slope:	2.44

Error Coefficients

Standard Error:	2400000
Relative Standard Error:	8.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	2.022279	50.0	565105.0	2.022279	Y
2	IC 860-5288/3	5.0	12.128657	50.0	570463.0	2.425731	Y
3	IC 860-5288/4	10.0	25.820763	50.0	554027.0	2.582076	Y
4	IC 860-5288/5	25.0	61.596091	50.0	580963.0	2.463844	Y
5	ICIS 860-5288/6	50.0	125.684973	50.0	600571.0	2.513699	Y
6	IC 860-5288/7	100.0	259.419024	50.0	602658.0	2.59419	Y
7	IC 860-5288/8	150.0	372.05912	50.0	629769.0	2.480394	Y



Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

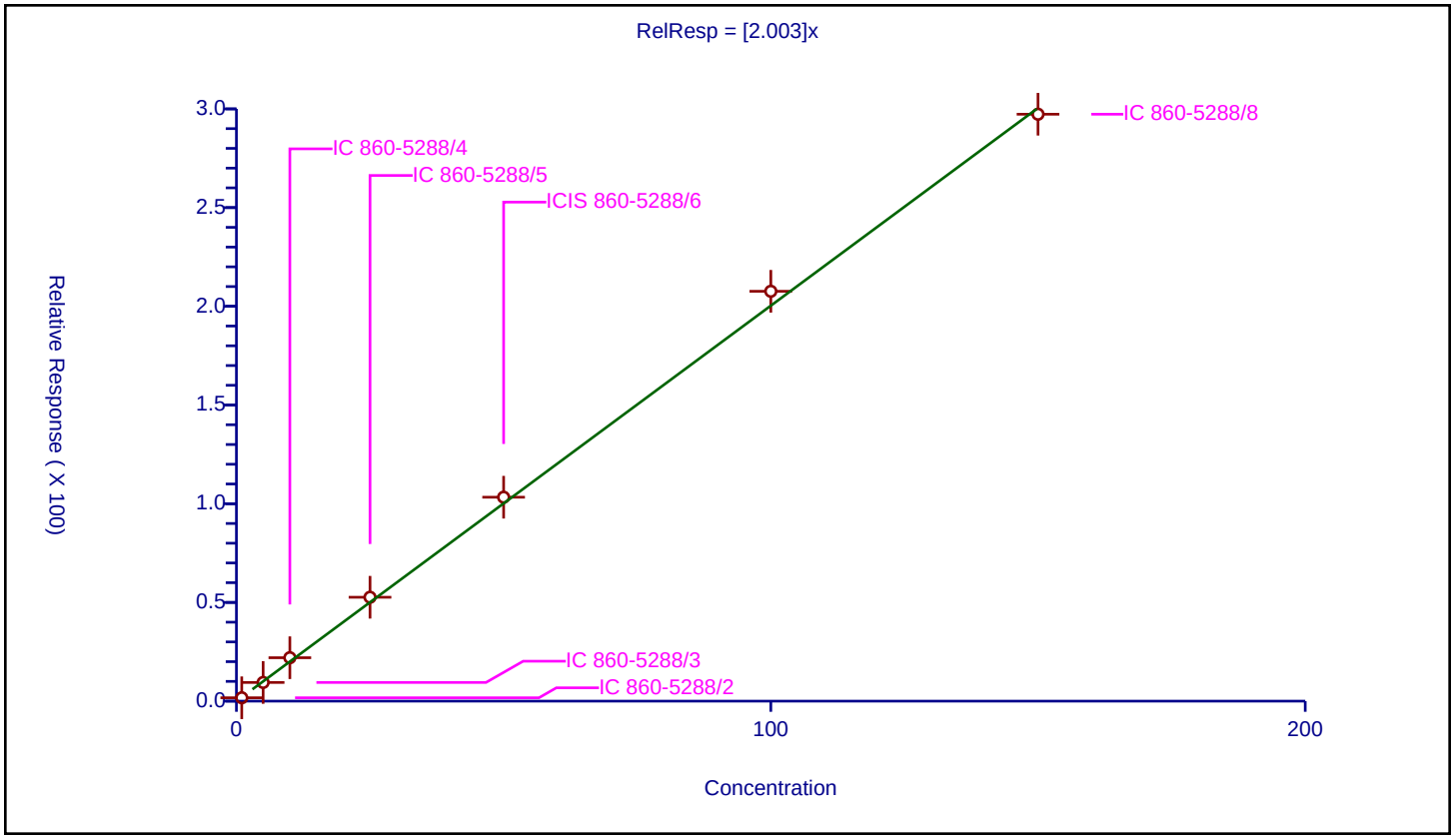
Curve Coefficients

Intercept:	0
Slope:	2.003

Error Coefficients

Standard Error:	1930000
Relative Standard Error:	8.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	1.701365	50.0	565105.0	1.701365	Y
2	IC 860-5288/3	5.0	9.459422	50.0	570463.0	1.891884	Y
3	IC 860-5288/4	10.0	22.002989	50.0	554027.0	2.200299	Y
4	IC 860-5288/5	25.0	52.620649	50.0	580963.0	2.104826	Y
5	ICIS 860-5288/6	50.0	103.290369	50.0	600571.0	2.065807	Y
6	IC 860-5288/7	100.0	207.607051	50.0	602658.0	2.076071	Y
7	IC 860-5288/8	150.0	297.297104	50.0	629769.0	1.981981	Y



Calibration / 1,2,4-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

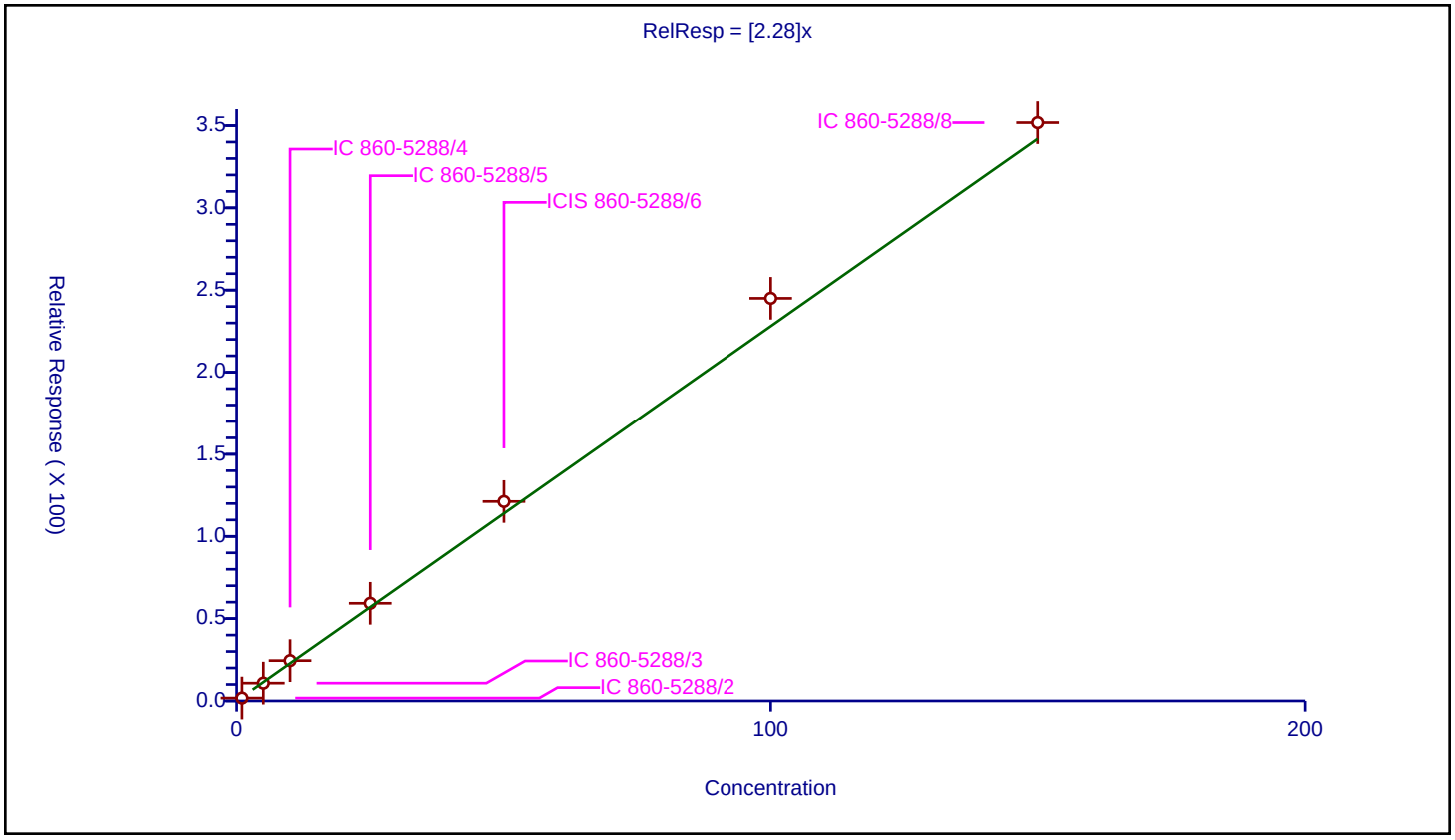
Curve Coefficients

Intercept:	0
Slope:	2.28

Error Coefficients

Standard Error:	2270000
Relative Standard Error:	11.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	1.758523	50.0	565105.0	1.758523	Y
2	IC 860-5288/3	5.0	10.799736	50.0	570463.0	2.159947	Y
3	IC 860-5288/4	10.0	24.476966	50.0	554027.0	2.447697	Y
4	IC 860-5288/5	25.0	59.315826	50.0	580963.0	2.372633	Y
5	ICIS 860-5288/6	50.0	121.237456	50.0	600571.0	2.424749	Y
6	IC 860-5288/7	100.0	245.008529	50.0	602658.0	2.450085	Y
7	IC 860-5288/8	150.0	351.813363	50.0	629769.0	2.345422	Y



Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

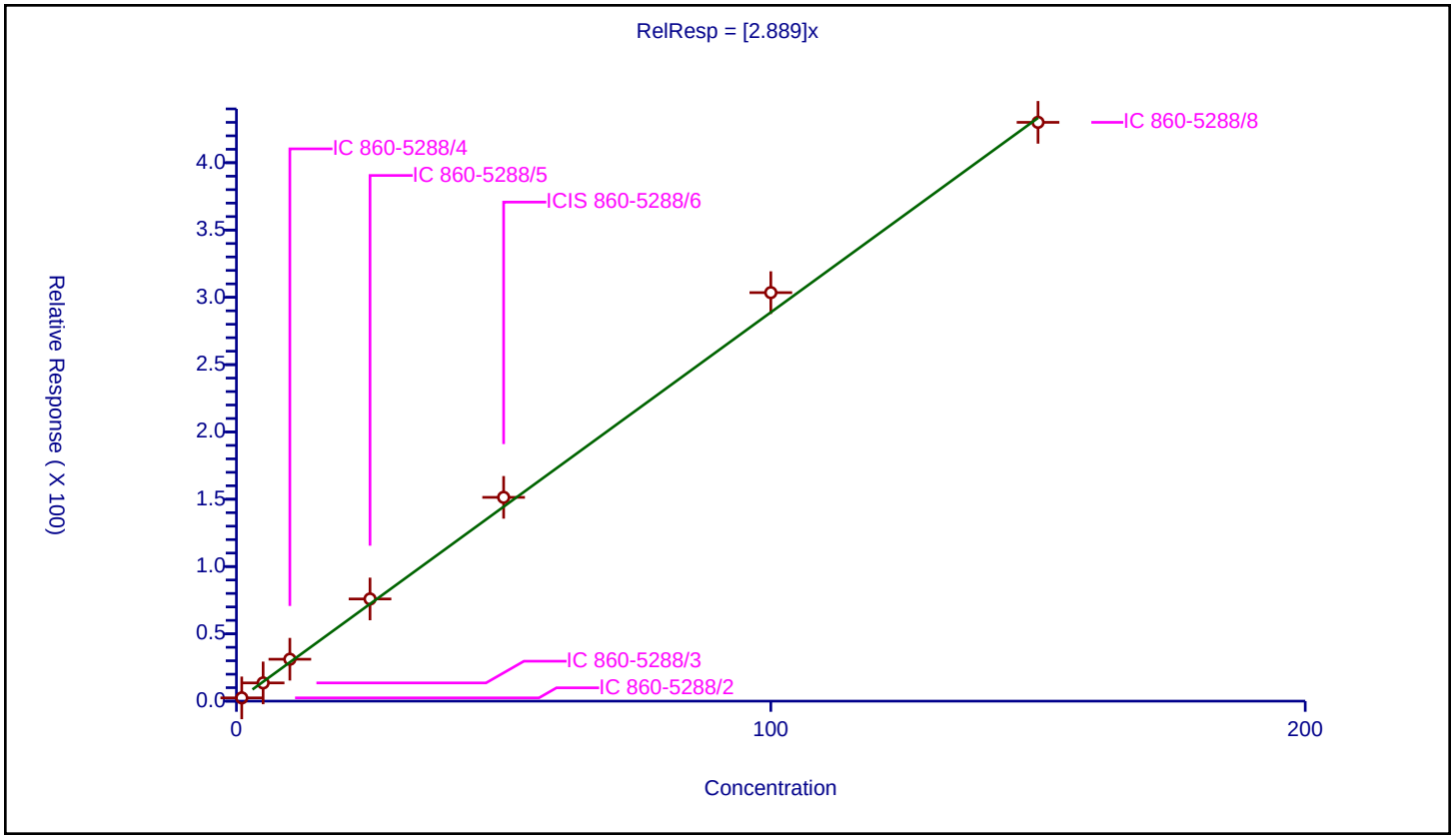
Curve Coefficients

Intercept:	0
Slope:	2.889

Error Coefficients

Standard Error:	2800000
Relative Standard Error:	8.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	2.432291	50.0	565105.0	2.432291	Y
2	IC 860-5288/3	5.0	13.547592	50.0	570463.0	2.709518	Y
3	IC 860-5288/4	10.0	31.125469	50.0	554027.0	3.112547	Y
4	IC 860-5288/5	25.0	75.914645	50.0	580963.0	3.036586	Y
5	ICIS 860-5288/6	50.0	151.396588	50.0	600571.0	3.027932	Y
6	IC 860-5288/7	100.0	303.510781	50.0	602658.0	3.035108	Y
7	IC 860-5288/8	150.0	430.010051	50.0	629769.0	2.866734	Y



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

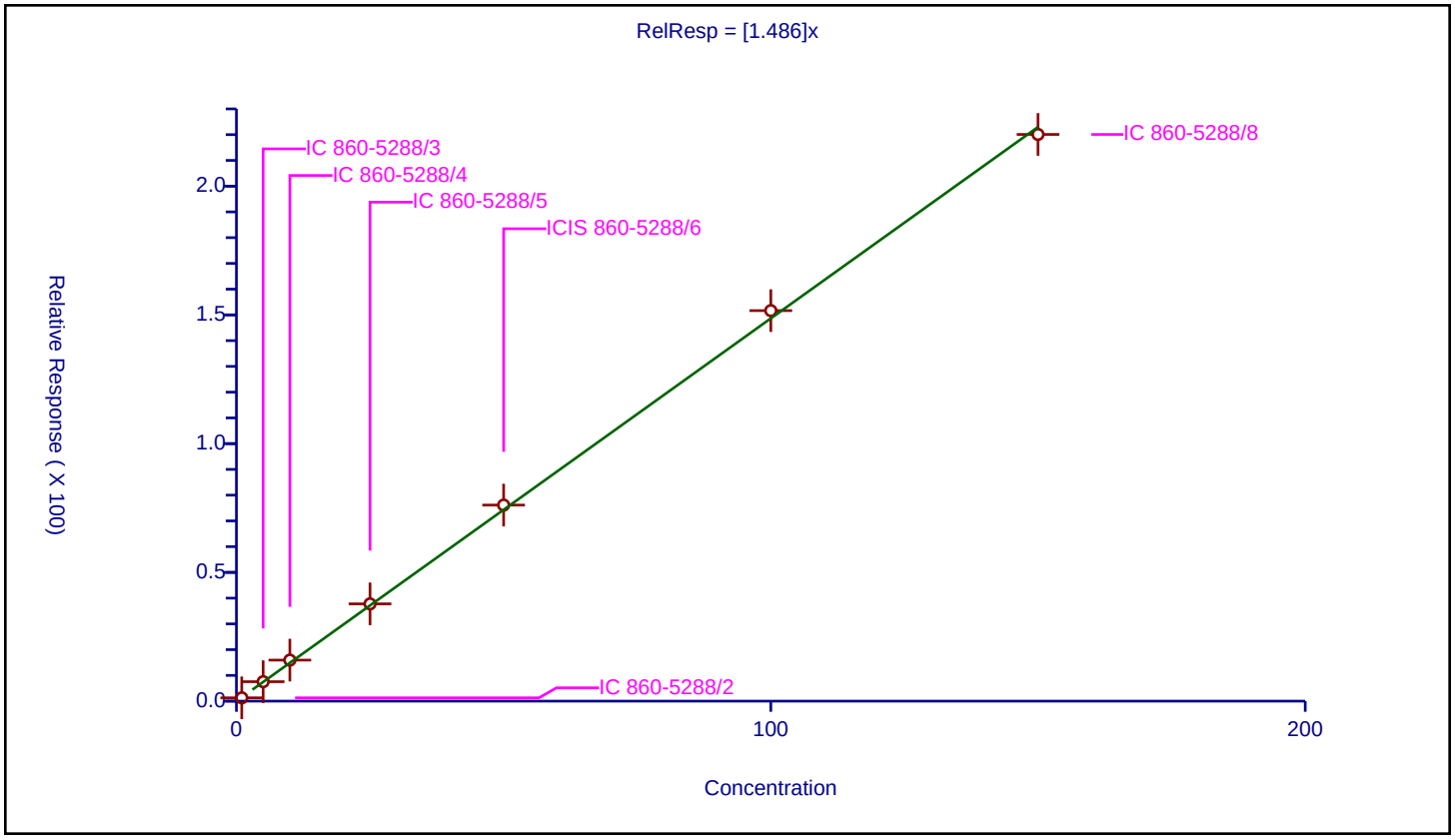
Curve Coefficients

Intercept:	0
Slope:	1.486

Error Coefficients

Standard Error:	1420000
Relative Standard Error:	6.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	1.283567	50.0	565105.0	1.283567	Y
2	IC 860-5288/3	5.0	7.551848	50.0	570463.0	1.51037	Y
3	IC 860-5288/4	10.0	15.931715	50.0	554027.0	1.593171	Y
4	IC 860-5288/5	25.0	37.778137	50.0	580963.0	1.511125	Y
5	ICIS 860-5288/6	50.0	76.146118	50.0	600571.0	1.522922	Y
6	IC 860-5288/7	100.0	151.655582	50.0	602658.0	1.516556	Y
7	IC 860-5288/8	150.0	220.07895	50.0	629769.0	1.467193	Y



Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

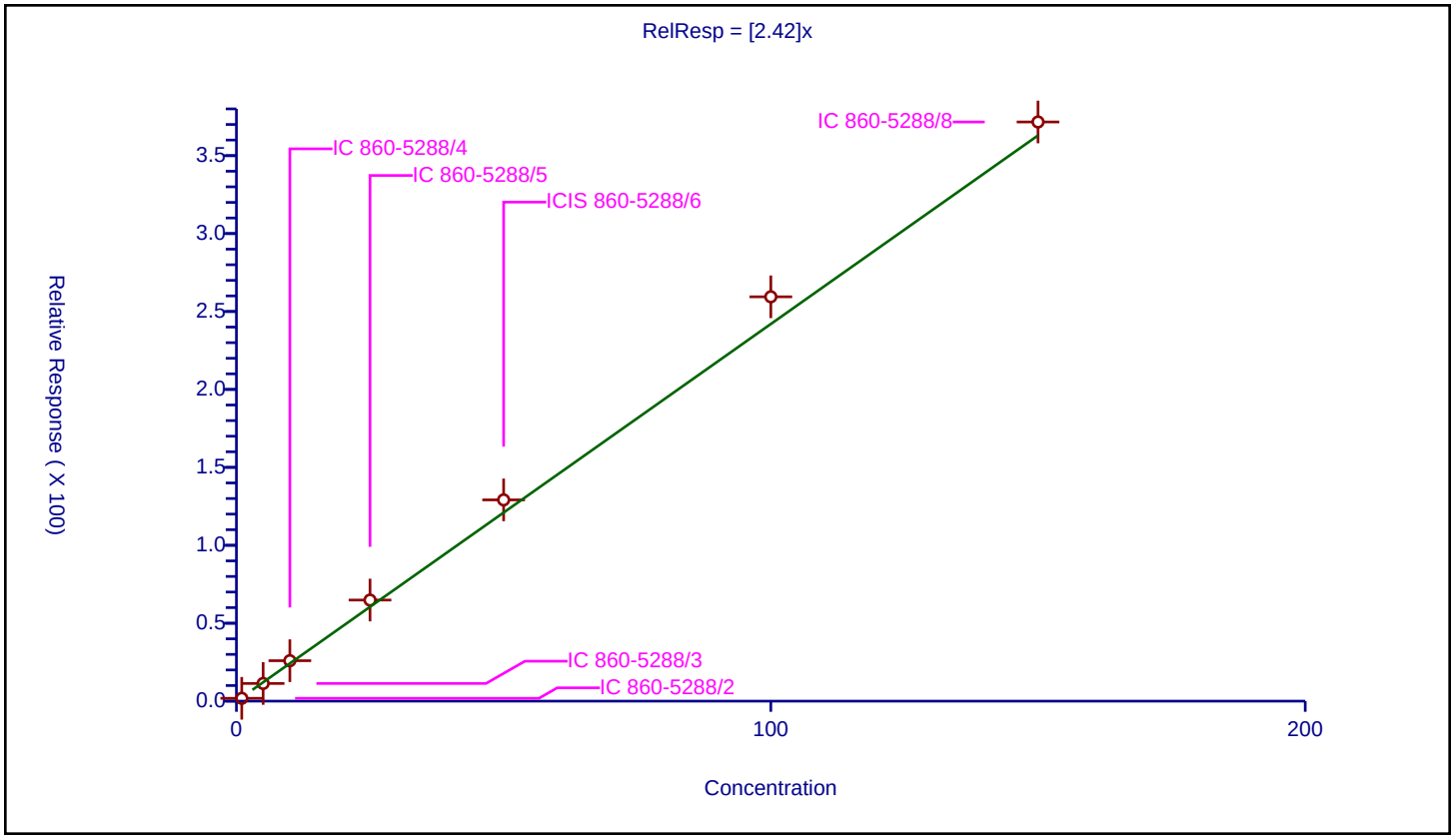
Curve Coefficients

Intercept:	0
Slope:	2.42

Error Coefficients

Standard Error:	2410000
Relative Standard Error:	11.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	1.826475	50.0	565105.0	1.826475	Y
2	IC 860-5288/3	5.0	11.343943	50.0	570463.0	2.268789	Y
3	IC 860-5288/4	10.0	25.94323	50.0	554027.0	2.594323	Y
4	IC 860-5288/5	25.0	64.852753	50.0	580963.0	2.59411	Y
5	ICIS 860-5288/6	50.0	129.139436	50.0	600571.0	2.582789	Y
6	IC 860-5288/7	100.0	259.442503	50.0	602658.0	2.594425	Y
7	IC 860-5288/8	150.0	371.613639	50.0	629769.0	2.477424	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

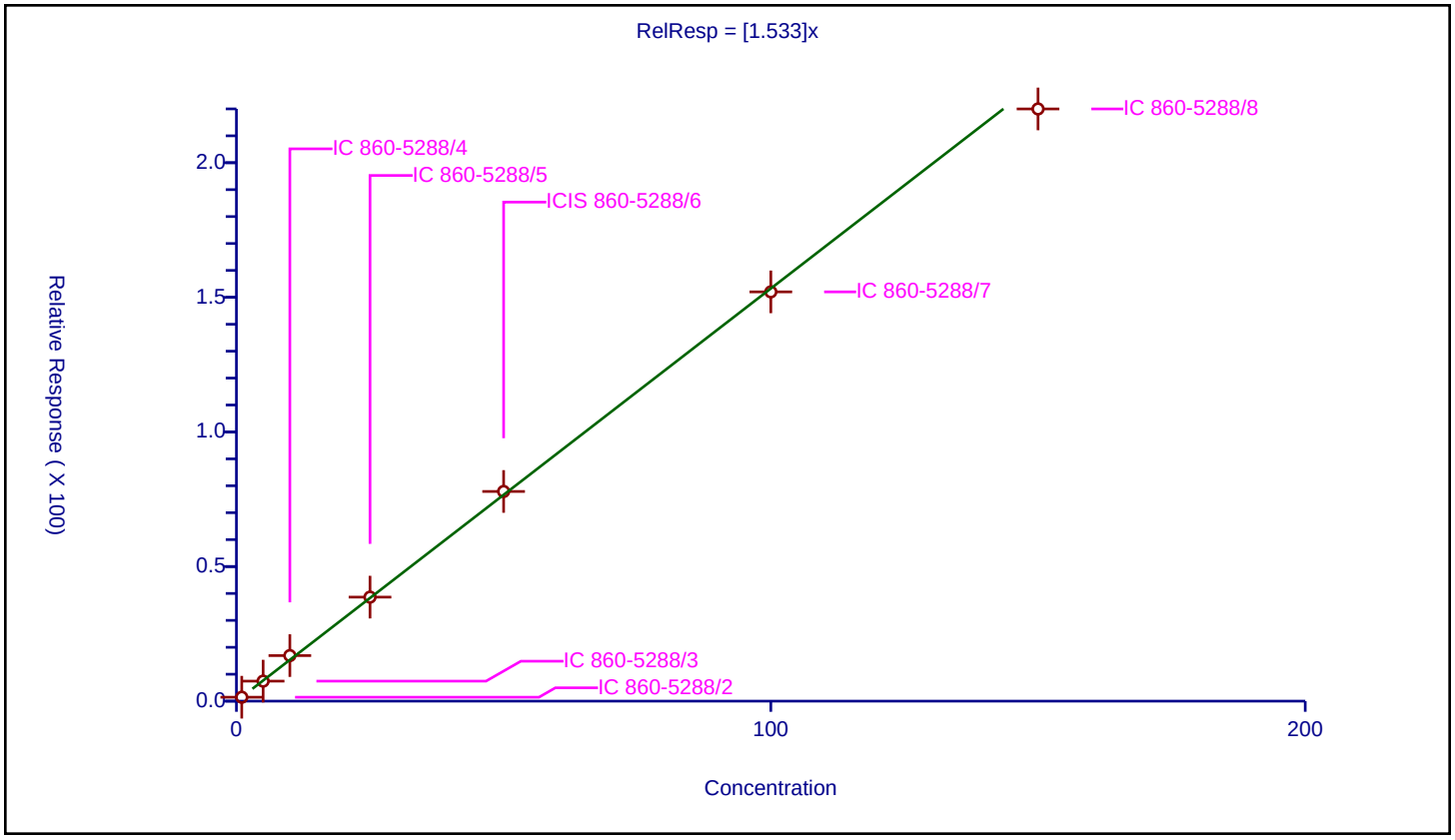
Curve Coefficients

Intercept:	0
Slope:	1.533

Error Coefficients

Standard Error:	1420000
Relative Standard Error:	5.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	1.459994	50.0	565105.0	1.459994	Y
2	IC 860-5288/3	5.0	7.431683	50.0	570463.0	1.486337	Y
3	IC 860-5288/4	10.0	16.927334	50.0	554027.0	1.692733	Y
4	IC 860-5288/5	25.0	38.643339	50.0	580963.0	1.545734	Y
5	ICIS 860-5288/6	50.0	77.88488	50.0	600571.0	1.557698	Y
6	IC 860-5288/7	100.0	152.027767	50.0	602658.0	1.520278	Y
7	IC 860-5288/8	150.0	219.977722	50.0	629769.0	1.466518	Y



Calibration / Dicyclopentadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

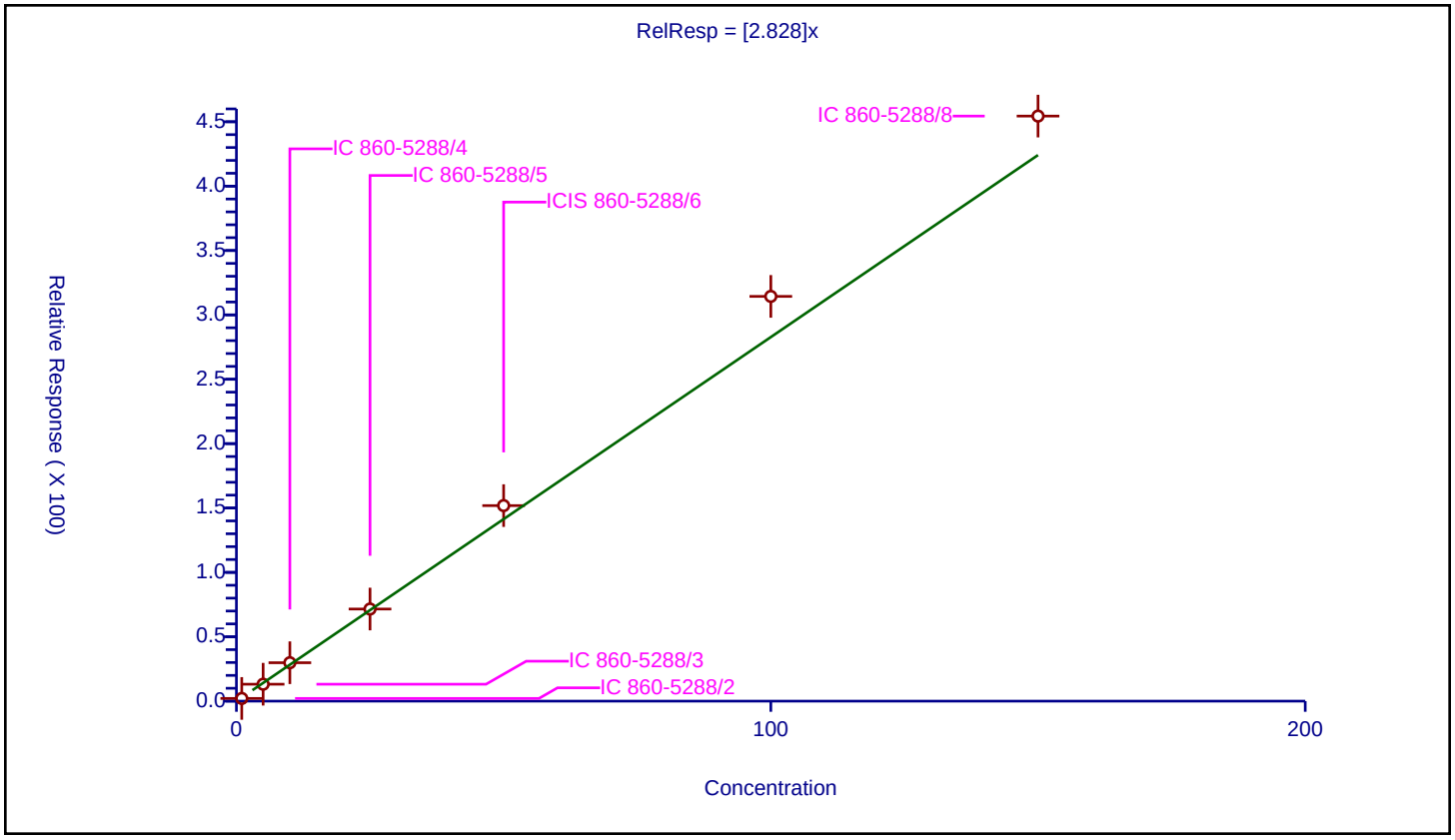
Curve Coefficients

Intercept:	0
Slope:	2.828

Error Coefficients

Standard Error:	2920000
Relative Standard Error:	12.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	2.105715	50.0	565105.0	2.105715	Y
2	IC 860-5288/3	5.0	13.156156	50.0	570463.0	2.631231	Y
3	IC 860-5288/4	10.0	29.833745	50.0	554027.0	2.983374	Y
4	IC 860-5288/5	25.0	71.550512	50.0	580963.0	2.86202	Y
5	ICIS 860-5288/6	50.0	151.875465	50.0	600571.0	3.037509	Y
6	IC 860-5288/7	100.0	314.364781	50.0	602658.0	3.143648	Y
7	IC 860-5288/8	150.0	454.420986	50.0	629769.0	3.029473	Y



Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

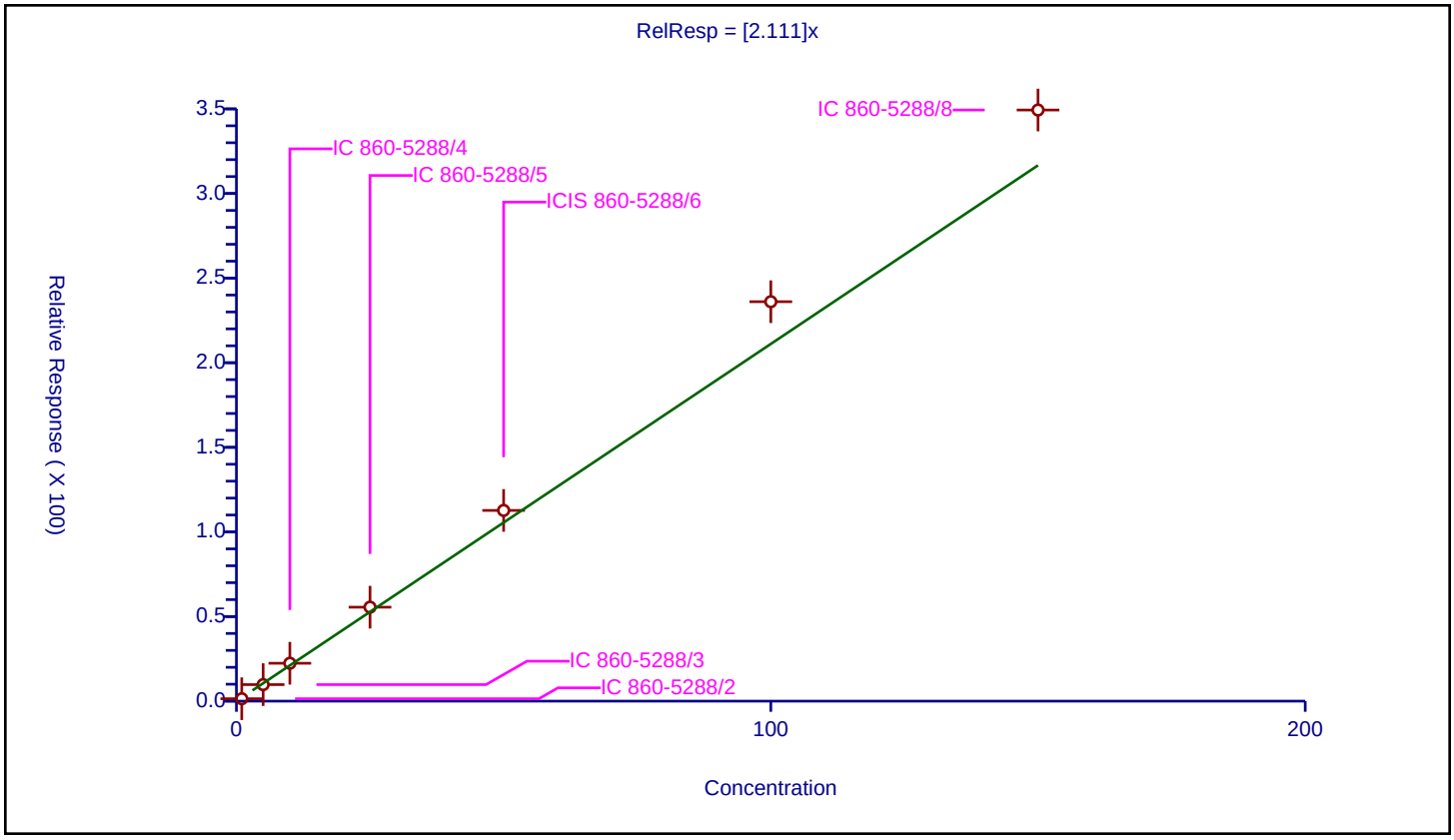
Curve Coefficients

Intercept:	0
Slope:	2.111

Error Coefficients

Standard Error:	2230000
Relative Standard Error:	15.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	1.420267	50.0	565105.0	1.420267	Y
2	IC 860-5288/3	5.0	9.760055	50.0	570463.0	1.952011	Y
3	IC 860-5288/4	10.0	22.395569	50.0	554027.0	2.239557	Y
4	IC 860-5288/5	25.0	55.527202	50.0	580963.0	2.221088	Y
5	ICIS 860-5288/6	50.0	112.706491	50.0	600571.0	2.25413	Y
6	IC 860-5288/7	100.0	236.059755	50.0	602658.0	2.360598	Y
7	IC 860-5288/8	150.0	349.338964	50.0	629769.0	2.328926	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

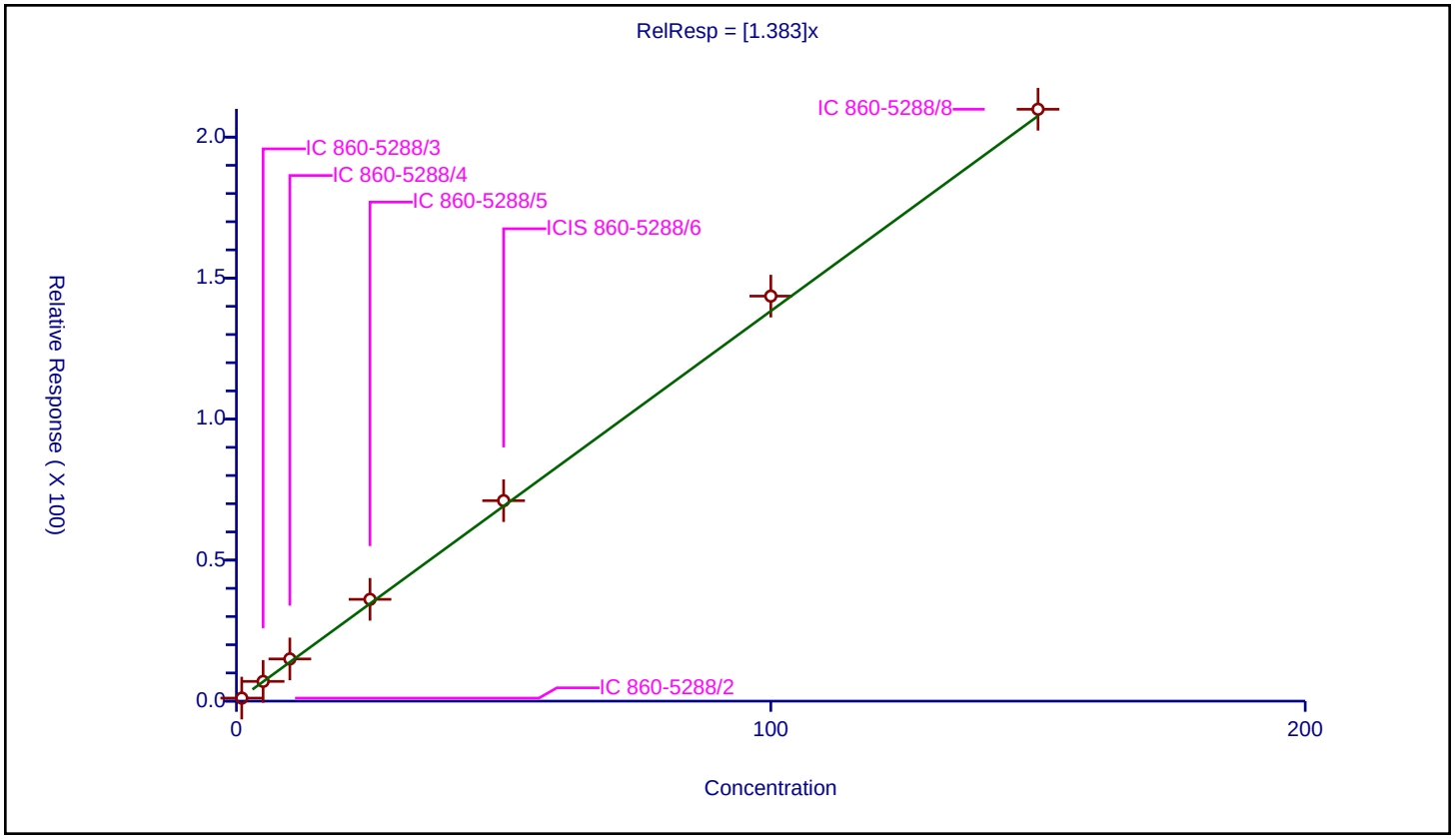
Curve Coefficients

Intercept:	0
Slope:	1.383

Error Coefficients

Standard Error:	1350000
Relative Standard Error:	9.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	1.084931	50.0	565105.0	1.084931	Y
2	IC 860-5288/3	5.0	7.001681	50.0	570463.0	1.400336	Y
3	IC 860-5288/4	10.0	14.968133	50.0	554027.0	1.496813	Y
4	IC 860-5288/5	25.0	36.096361	50.0	580963.0	1.443854	Y
5	ICIS 860-5288/6	50.0	71.093426	50.0	600571.0	1.421869	Y
6	IC 860-5288/7	100.0	143.620594	50.0	602658.0	1.436206	Y
7	IC 860-5288/8	150.0	209.865443	50.0	629769.0	1.399103	Y



Calibration / 1,2-Dibromo-3-Chloropropane

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

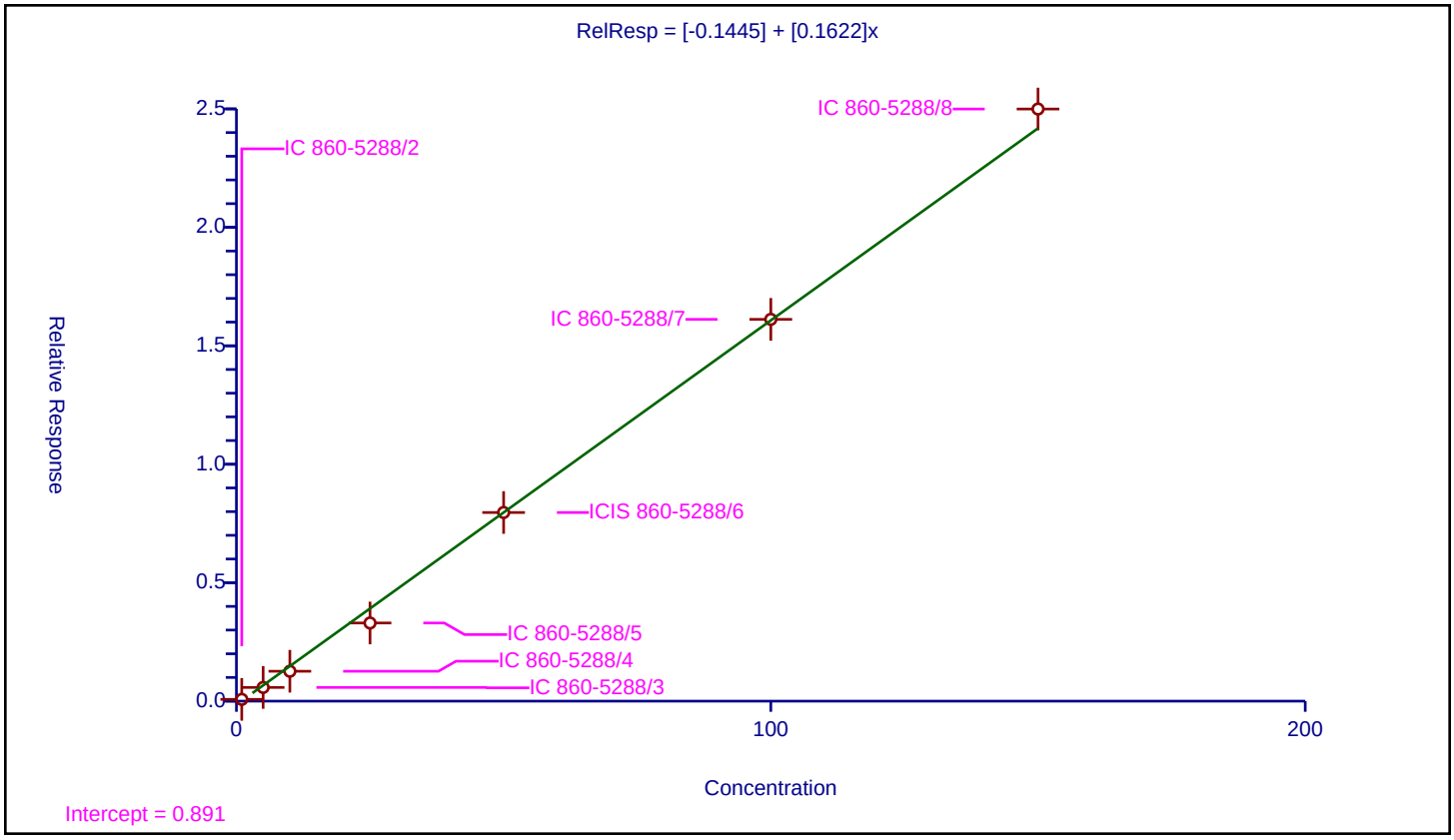
Curve Coefficients

Intercept:	-0.1445
Slope:	0.1622

Error Coefficients

Standard Error:	172000
Relative Standard Error:	18.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	0.075296	50.0	565105.0	0.075296	Y
2	IC 860-5288/3	5.0	0.578477	50.0	570463.0	0.115695	Y
3	IC 860-5288/4	10.0	1.262303	50.0	554027.0	0.12623	Y
4	IC 860-5288/5	25.0	3.299177	50.0	580963.0	0.131967	Y
5	ICIS 860-5288/6	50.0	7.963172	50.0	600571.0	0.159263	Y
6	IC 860-5288/7	100.0	16.116023	50.0	602658.0	0.16116	Y
7	IC 860-5288/8	150.0	24.994561	50.0	629769.0	0.16663	Y



Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

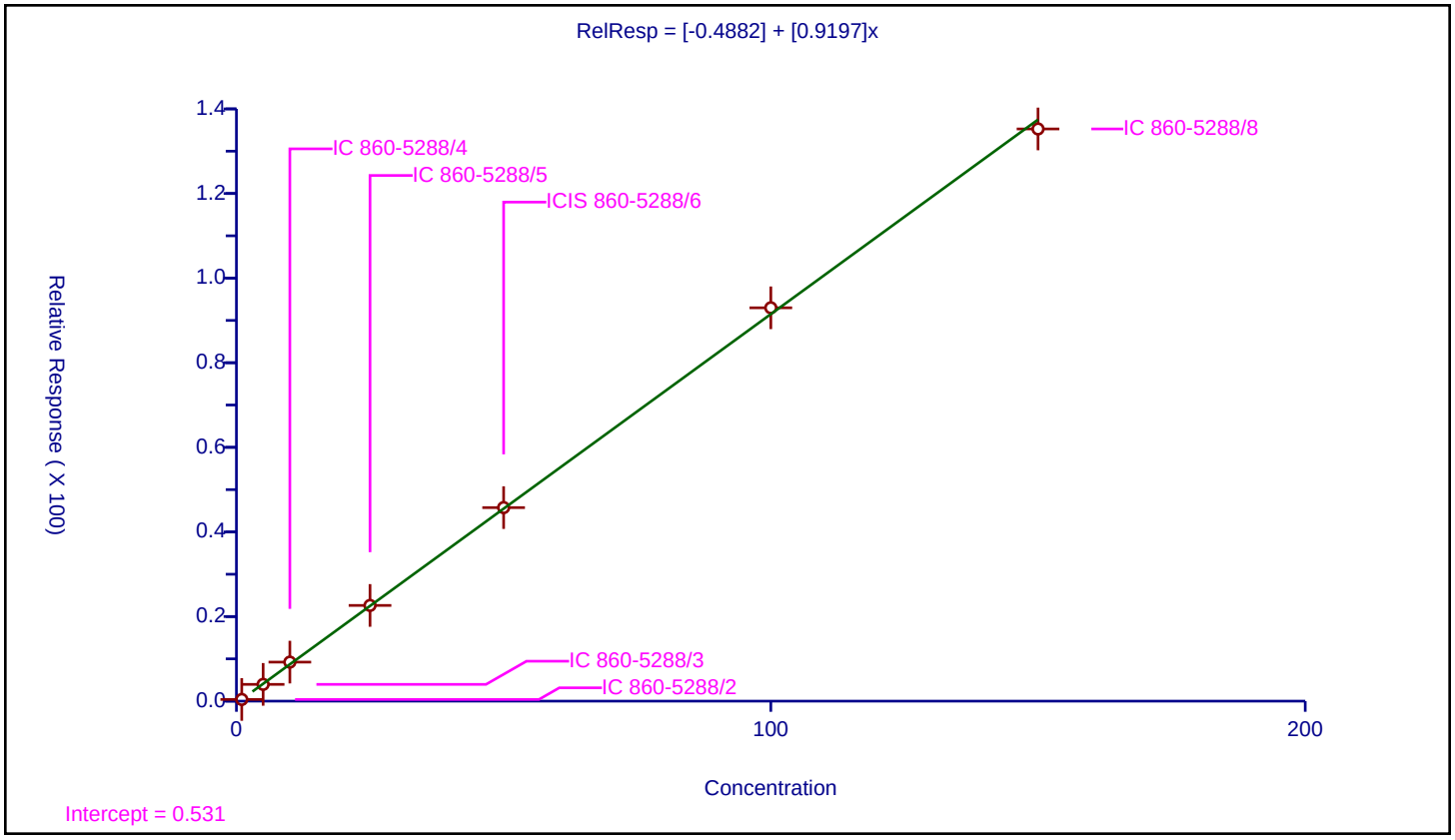
Curve Coefficients

Intercept:	-0.4882
Slope:	0.9197

Error Coefficients

Standard Error:	953000
Relative Standard Error:	3.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	0.398864	50.0	565105.0	0.398864	Y
2	IC 860-5288/3	5.0	3.965726	50.0	570463.0	0.793145	Y
3	IC 860-5288/4	10.0	9.223648	50.0	554027.0	0.922365	Y
4	IC 860-5288/5	25.0	22.623127	50.0	580963.0	0.904925	Y
5	ICIS 860-5288/6	50.0	45.747047	50.0	600571.0	0.914941	Y
6	IC 860-5288/7	100.0	92.983251	50.0	602658.0	0.929833	Y
7	IC 860-5288/8	150.0	135.25634	50.0	629769.0	0.901709	Y



Calibration / Hexachlorobutadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

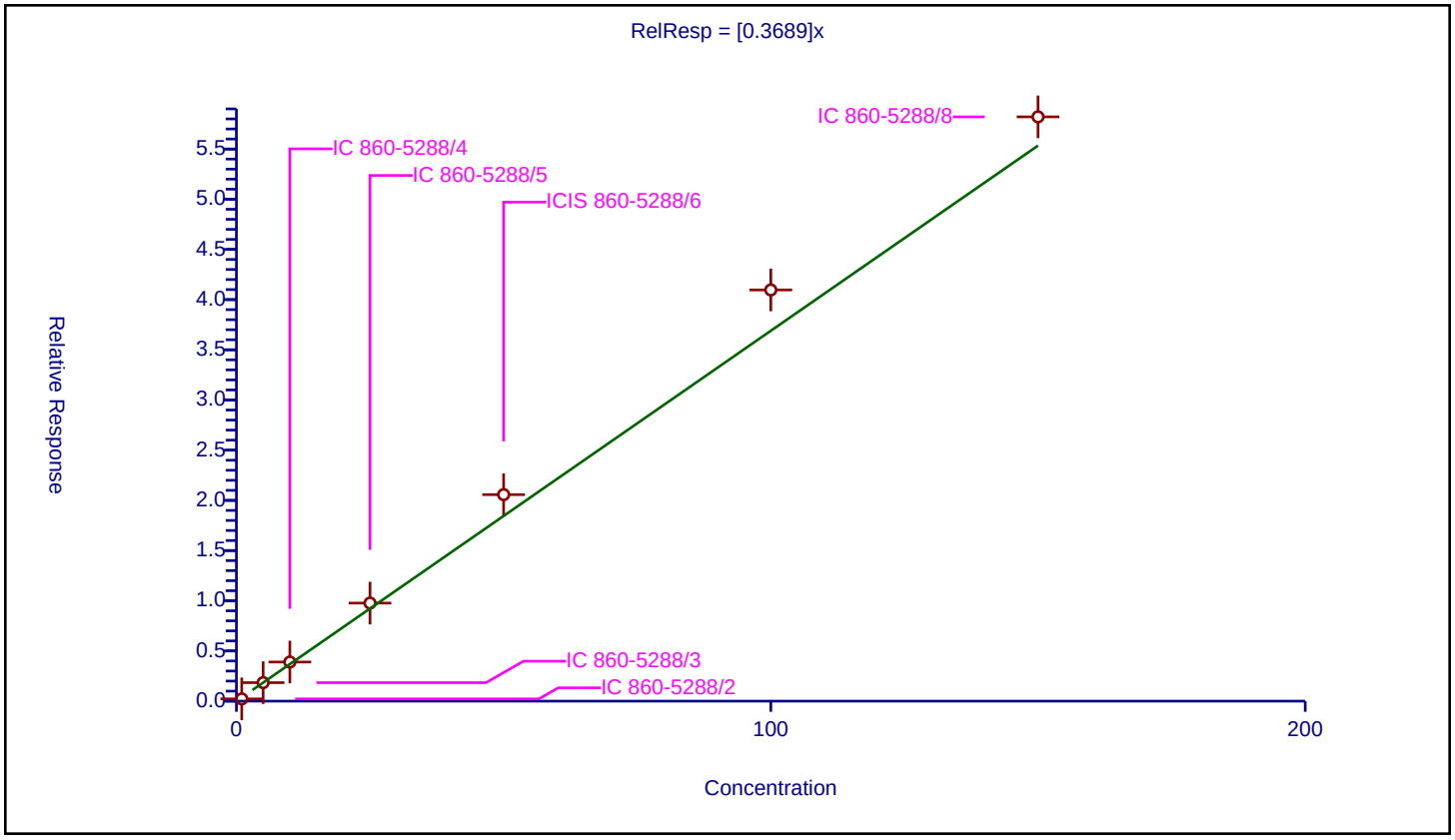
Curve Coefficients

Intercept:	0
Slope:	0.3689

Error Coefficients

Standard Error:	378000
Relative Standard Error:	17.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.970

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	0.22456	50.0	565105.0	0.22456	Y
2	IC 860-5288/3	5.0	1.843327	50.0	570463.0	0.368665	Y
3	IC 860-5288/4	10.0	3.895659	50.0	554027.0	0.389566	Y
4	IC 860-5288/5	25.0	9.767317	50.0	580963.0	0.390693	Y
5	ICIS 860-5288/6	50.0	20.573504	50.0	600571.0	0.41147	Y
6	IC 860-5288/7	100.0	40.963946	50.0	602658.0	0.409639	Y
7	IC 860-5288/8	150.0	58.206977	50.0	629769.0	0.388047	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

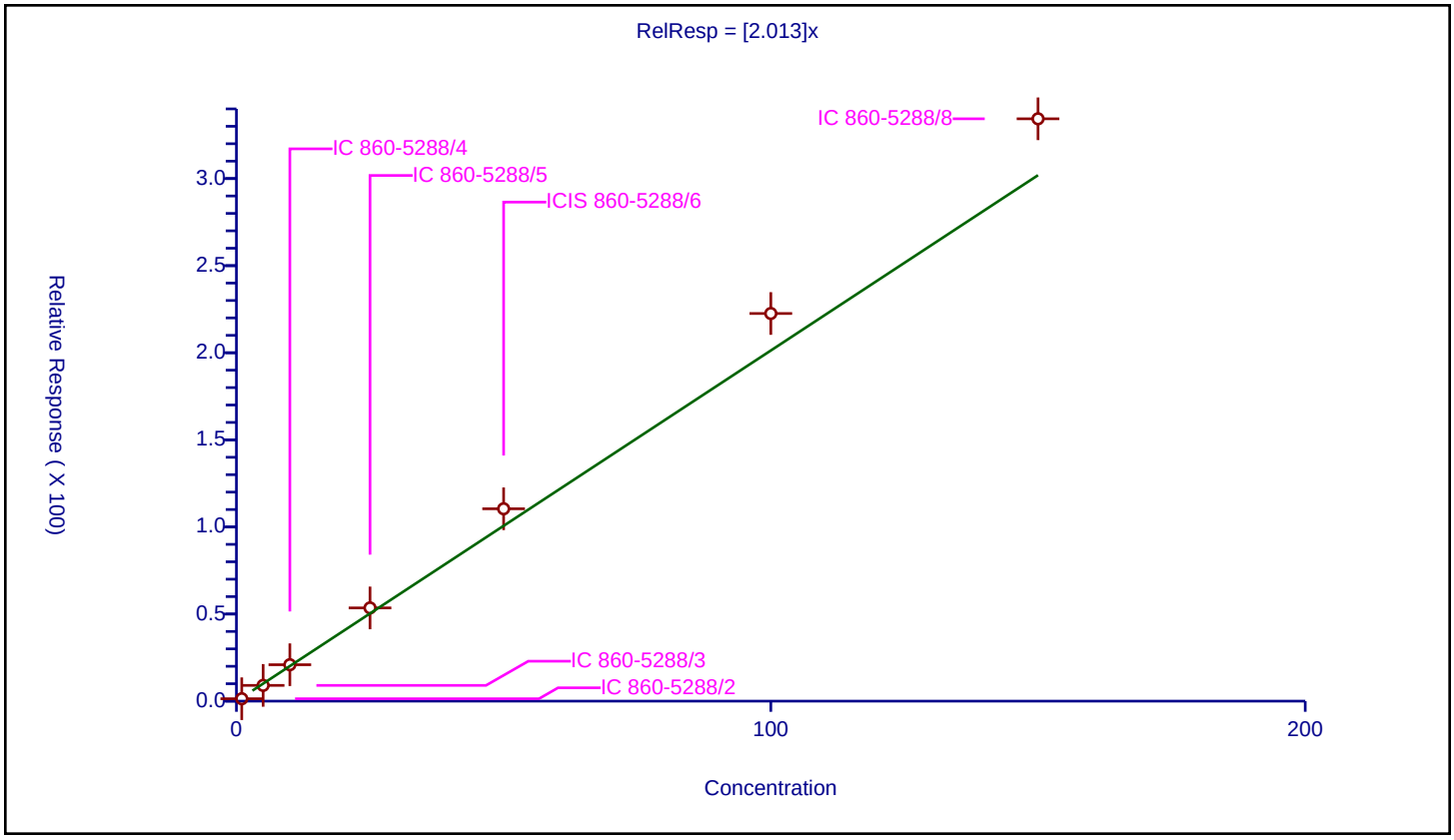
Curve Coefficients

Intercept:	0
Slope:	2.013

Error Coefficients

Standard Error:	2130000
Relative Standard Error:	15.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	1.387087	50.0	565105.0	1.387087	Y
2	IC 860-5288/3	5.0	9.043619	50.0	570463.0	1.808724	Y
3	IC 860-5288/4	10.0	20.904306	50.0	554027.0	2.090431	Y
4	IC 860-5288/5	25.0	53.527936	50.0	580963.0	2.141117	Y
5	ICIS 860-5288/6	50.0	110.433487	50.0	600571.0	2.20867	Y
6	IC 860-5288/7	100.0	222.542636	50.0	602658.0	2.225426	Y
7	IC 860-5288/8	150.0	334.31401	50.0	629769.0	2.22876	Y



Calibration / 1,2,3-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

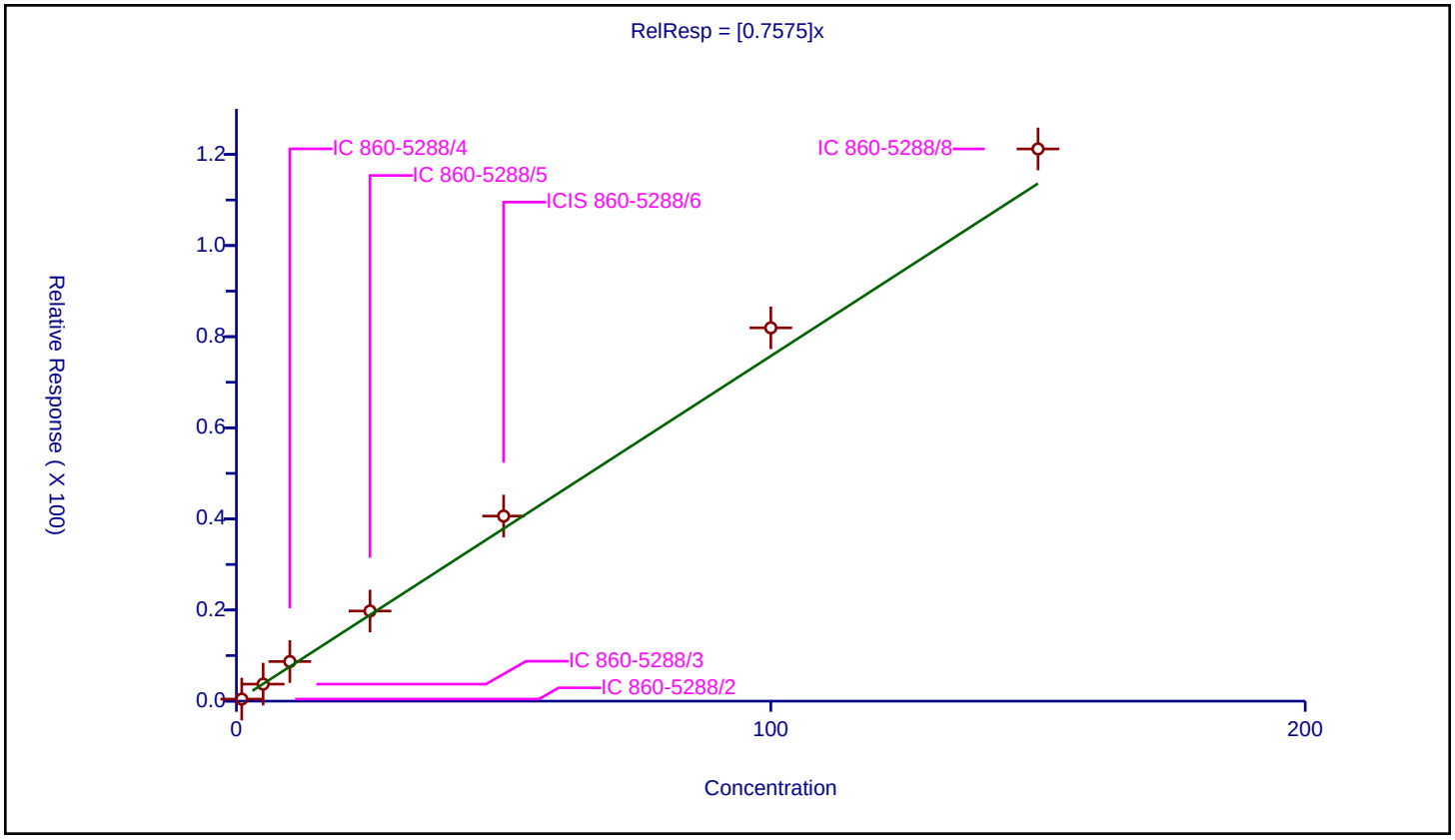
Curve Coefficients

Intercept:	0
Slope:	0.7575

Error Coefficients

Standard Error:	775000
Relative Standard Error:	18.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.968

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	0.453544	50.0	565105.0	0.453544	Y
2	IC 860-5288/3	5.0	3.738455	50.0	570463.0	0.747691	Y
3	IC 860-5288/4	10.0	8.697952	50.0	554027.0	0.869795	Y
4	IC 860-5288/5	25.0	19.787319	50.0	580963.0	0.791493	Y
5	ICIS 860-5288/6	50.0	40.630333	50.0	600571.0	0.812607	Y
6	IC 860-5288/7	100.0	81.94125	50.0	602658.0	0.819413	Y
7	IC 860-5288/8	150.0	121.206823	50.0	629769.0	0.808045	Y



Calibration / 2-Methylnaphthalene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

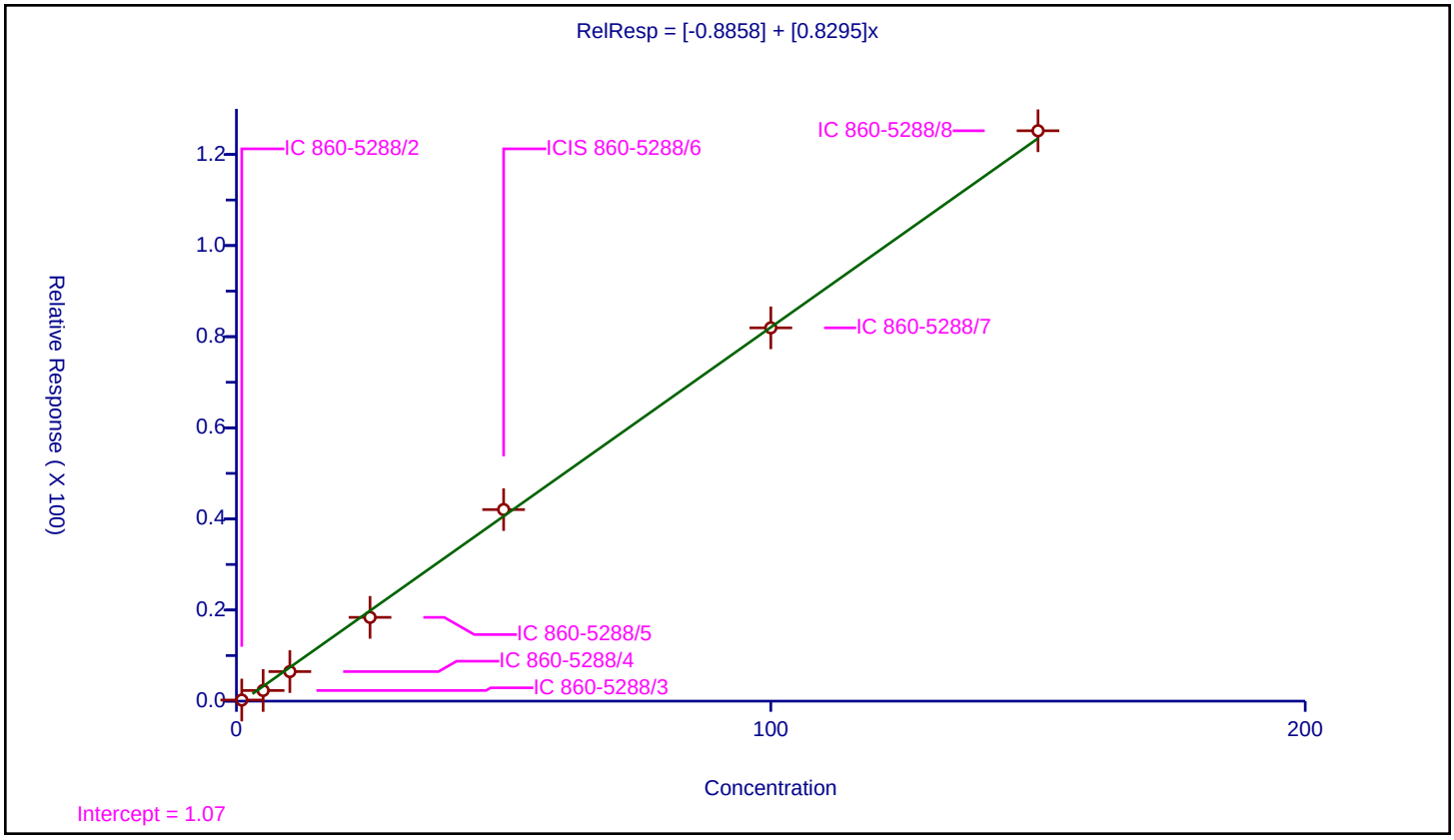
Curve Coefficients

Intercept:	-0.8858
Slope:	0.8295

Error Coefficients

Standard Error:	868000
Relative Standard Error:	19.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	0.240398	50.0	565105.0	0.240398	Y
2	IC 860-5288/3	5.0	2.334945	50.0	570463.0	0.466989	Y
3	IC 860-5288/4	10.0	6.486958	50.0	554027.0	0.648696	Y
4	IC 860-5288/5	25.0	18.388779	50.0	580963.0	0.735551	Y
5	ICIS 860-5288/6	50.0	42.051481	50.0	600571.0	0.84103	Y
6	IC 860-5288/7	100.0	81.942329	50.0	602658.0	0.819423	Y
7	IC 860-5288/8	150.0	125.19789	50.0	629769.0	0.834653	Y



Calibration / 1-Methylnaphthalene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

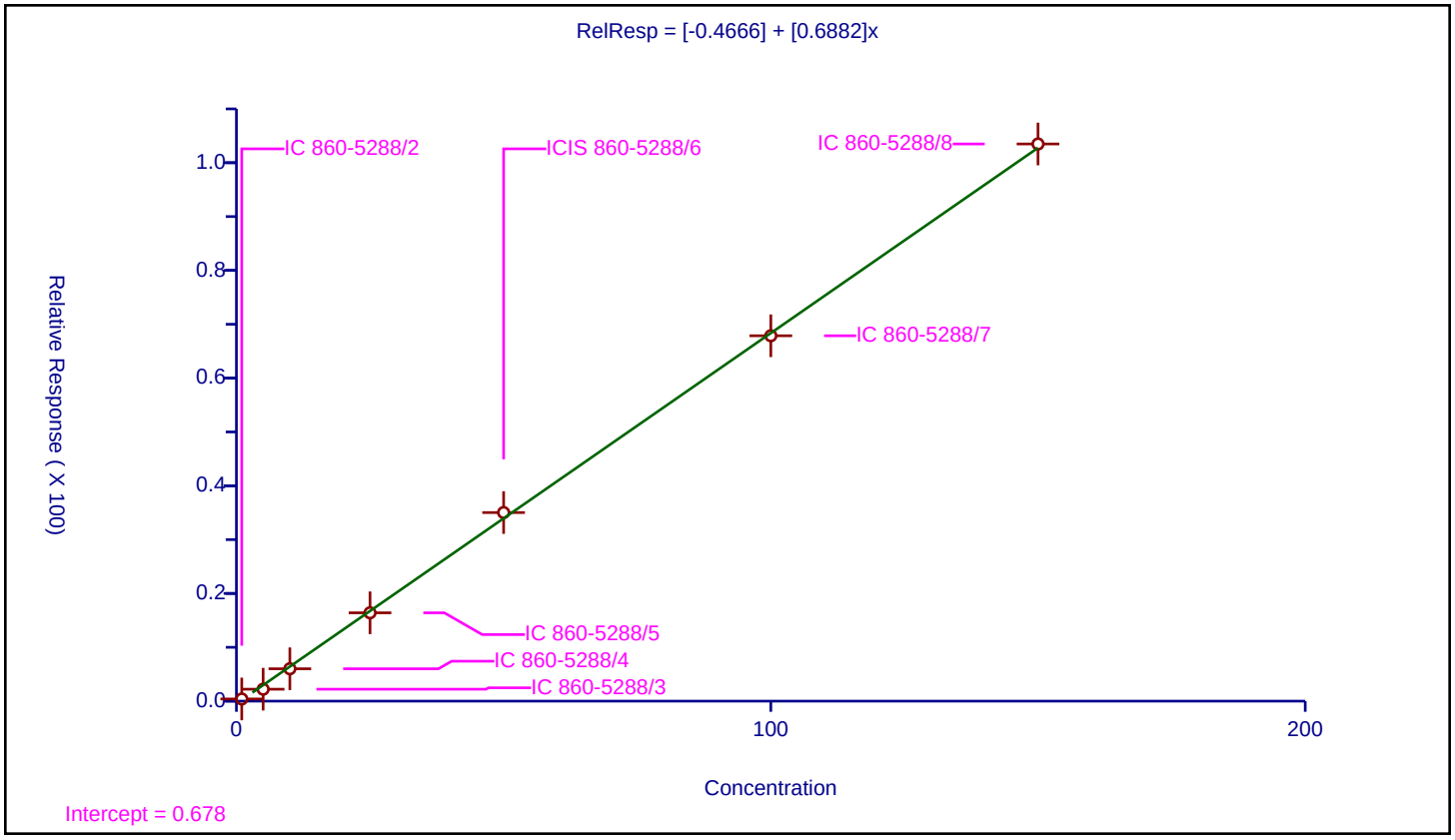
Curve Coefficients

Intercept:	-0.4666
Slope:	0.6882

Error Coefficients

Standard Error:	719000
Relative Standard Error:	15.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-5288/2	1.0	0.404704	50.0	565105.0	0.404704	Y
2	IC 860-5288/3	5.0	2.218373	50.0	570463.0	0.443675	Y
3	IC 860-5288/4	10.0	6.014599	50.0	554027.0	0.60146	Y
4	IC 860-5288/5	25.0	16.407844	50.0	580963.0	0.656314	Y
5	ICIS 860-5288/6	50.0	35.026999	50.0	600571.0	0.70054	Y
6	IC 860-5288/7	100.0	67.864859	50.0	602658.0	0.678649	Y
7	IC 860-5288/8	150.0	103.483103	50.0	629769.0	0.689887	Y



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Lab Sample ID: ICV 860-5780/9 Calibration Date: 04/29/2021 22:12

Instrument ID: A292 Calib Start Date: 04/29/2021 19:40

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 04/29/2021 21:34

Lab File ID: 860-0001243-042.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propene	Ave	0.2777	0.2574		46.4	50.0	-7.3	30.0
Dichlorodifluoromethane	Ave	0.3081	0.3127		50.7	50.0	1.5	50.0
Chloromethane	Ave	0.4289	0.4482		52.3	50.0	4.5	30.0
Vinyl chloride	Ave	0.4421	0.4503		50.9	50.0	1.9	30.0
1,3-Butadiene	Ave	0.3682	0.3768		51.2	50.0	2.3	50.0
Bromomethane	Qua		0.3213		52.5	50.0	4.9	30.0
Chloroethane	Qua		0.2534		47.4	50.0	-5.2	30.0
Trichlorofluoromethane	Ave	0.5661	0.5897		52.1	50.0	4.2	30.0
Acrolein	Ave	0.0828	0.0864		261	250	4.4	50.0
1,1-Dichloroethene	Ave	0.3878	0.4021		51.9	50.0	3.7	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2849	0.2973		52.2	50.0	4.4	30.0
Acetone	Ave	0.0490	0.0479		244	250	-2.2	50.0
Iodomethane (Methyl Iodide)	Ave	0.5408	0.5409		50.0	50.0	0.0	50.0
Carbon disulfide	Ave	1.198	1.222		51.0	50.0	2.0	30.0
Acetonitrile	Ave	0.0357	0.0381		267	250	6.8	30.0
Allyl Chloride (3-Chloropropene)	Ave	0.2178	0.2394		54.9	50.0	9.9	30.0
Methyl acetate	Ave	0.3379	0.3601		533	500	6.6	30.0
Methylene Chloride	Ave	0.4817	0.4637		48.1	50.0	-3.7	50.0
tert-Butyl alcohol	Ave	0.0390	0.0436		279	250	11.6	30.0
Acrylonitrile	Ave	0.1719	0.1858		270	250	8.0	50.0
trans-1,2-Dichloroethene	Ave	0.4321	0.4405		51.0	50.0	2.0	30.0
MTBE	Ave	1.310	1.380		52.7	50.0	5.3	30.0
n-Hexane	Ave	0.5089	0.5143		50.5	50.0	1.1	30.0
1,1-Dichloroethane	Ave	0.7693	0.7817		50.8	50.0	1.6	30.0
Vinyl acetate	Ave	0.9280	0.9781		264	250	5.4	50.0
Isopropyl ether	Ave	1.327	1.329		50.1	50.0	0.1	30.0
Chloroprene	Ave	0.5616	0.5941		52.9	50.0	5.8	30.0
Ethyl tert-butyl ether	Ave	1.380	1.429		51.8	50.0	3.6	30.0
2,2-Dichloropropane	Ave	0.6371	0.6381		50.1	50.0	0.2	30.0
cis-1,2-Dichloroethene	Ave	0.7216	0.7419		51.4	50.0	2.8	30.0
2-Butanone	Ave	0.0548	0.0600		274	250	9.4	50.0
Propane Nitrile (Propionitrile)	Ave	0.0673	0.0676		50.3	50.0	0.5	30.0
Methacrylonitrile	Ave	0.2036	0.2165		53.2	50.0	6.4	30.0
Bromochloromethane	Ave	0.3224	0.3313		51.4	50.0	2.8	30.0
Tetrahydrofuran	Ave	0.1409	0.1422		50.5	50.0	1.0	30.0
Chloroform	Ave	0.7961	0.8092		50.8	50.0	1.6	30.0
1,1,1-Trichloroethane	Ave	0.6668	0.6767		50.7	50.0	1.5	30.0
Cyclohexane	Ave	0.6011	0.5353		44.5	50.0	-10.9	30.0
1,1-Dichloropropene	Ave	0.5909	0.6015		50.9	50.0	1.8	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Lab Sample ID: ICV 860-5780/9 Calibration Date: 04/29/2021 22:12

Instrument ID: A292 Calib Start Date: 04/29/2021 19:40

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 04/29/2021 21:34

Lab File ID: 860-0001243-042.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbon tetrachloride	Ave	0.5739	0.5901		51.4	50.0	2.8	30.0
Isobutanol	Ave	0.0106	0.0118		560	500	12.0	50.0
Benzene	Ave	1.276	1.266		49.6	50.0	-0.7	30.0
1,2-Dichloroethane	Ave	0.4235	0.4282		50.6	50.0	1.1	30.0
2,2,4-Trimethylpentane	Ave	0.7563	0.8077		107	100	6.8	30.0
Tert-amyl methyl ether	Ave	0.8928	0.9228		51.7	50.0	3.4	30.0
Trichloroethene	Ave	0.3221	0.3354		52.1	50.0	4.1	30.0
Methylcyclohexane	Ave	0.4375	0.4448		50.8	50.0	1.7	30.0
1,2-Dichloropropane	Ave	0.3466	0.3514		50.7	50.0	1.4	30.0
Dibromomethane	Ave	0.2108	0.2159		51.2	50.0	2.4	30.0
Methyl methacrylate	Ave	0.2353	0.2454		52.2	50.0	4.3	50.0
1,4-Dioxane (P-Dioxane)	Lin1		0.0030		606	500	21.2	50.0
Bromodichloromethane	Ave	0.4180	0.4310		51.6	50.0	3.1	30.0
2-Chloroethyl vinyl ether	Ave	0.1961	0.2085		53.2	50.0	6.3	30.0
cis-1,3-Dichloropropene	Ave	0.5155	0.5383		52.2	50.0	4.4	30.0
4-Methyl-2-pentanone	Ave	0.2912	0.3087		265	250	6.0	50.0
Toluene	Ave	0.9117	0.9277		50.9	50.0	1.8	30.0
trans-1,3-Dichloropropene	Ave	0.5487	0.5725		52.2	50.0	4.3	30.0
Ethyl methacrylate	Ave	0.5214	0.5659		54.3	50.0	8.5	50.0
1,1,2-Trichloroethane	Ave	0.3035	0.3194		52.6	50.0	5.2	30.0
Tetrachloroethene	Ave	0.3219	0.3296		51.2	50.0	2.4	30.0
1,3-Dichloropropane	Ave	0.5614	0.5781		51.5	50.0	3.0	30.0
2-Hexanone	Ave	0.2414	0.2637		273	250	9.3	50.0
Dibromochloromethane	Ave	0.3848	0.3983		51.8	50.0	3.5	30.0
1,2-Dibromoethane	Ave	0.3605	0.3824		53.0	50.0	6.1	30.0
1-Chlorohexane	Lin1		0.3454		51.2	50.0	2.4	30.0
Chlorobenzene	Ave	1.017	1.042		51.2	50.0	2.5	30.0
1,1,1,2-Tetrachloroethane	Ave	0.3581	0.3751		52.4	50.0	4.7	30.0
Ethylbenzene	Ave	1.708	1.764		51.7	50.0	3.3	30.0
m,p-Xylenes	Ave	1.338	1.376		103	100	2.8	30.0
o-Xylene	Ave	1.390	1.431		51.5	50.0	2.9	30.0
Styrene	Ave	1.072	1.115		52.0	50.0	4.0	30.0
Bromoform	Ave	0.2566	0.2730		53.2	50.0	6.4	30.0
Isopropylbenzene	Ave	1.649	1.716		52.1	50.0	4.1	30.0
1,1,2,2-Tetrachloroethane	Ave	0.8589	0.9051		52.7	50.0	5.4	30.0
Bromobenzene	Ave	0.8923	0.9215		51.6	50.0	3.3	30.0
1,2,3-Trichloropropane	Ave	0.9743	1.029		52.8	50.0	5.7	30.0
trans-1,4-Dichloro-2-butene	Ave	0.1930	0.2061		53.4	50.0	6.8	50.0
N-Propylbenzene	Ave	3.855	3.975		51.6	50.0	3.1	30.0
2-Chlorotoluene	Ave	2.685	2.738		51.0	50.0	2.0	30.0
4-Ethyltoluene	Ave	3.246	3.344		51.5	50.0	3.0	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Lab Sample ID: ICV 860-5780/9 Calibration Date: 04/29/2021 22:12

Instrument ID: A292 Calib Start Date: 04/29/2021 19:40

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 04/29/2021 21:34

Lab File ID: 860-0001243-042.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3,5-Trimethylbenzene	Ave	2.815	2.909		51.7	50.0	3.4	30.0
4-Chlorotoluene	Ave	2.701	2.770		51.3	50.0	2.5	30.0
tert-Butylbenzene	Ave	2.343	2.417		51.6	50.0	3.2	30.0
1,2,4-Trimethylbenzene	Ave	2.772	2.866		51.7	50.0	3.4	30.0
sec-Butylbenzene	Ave	3.387	3.525		52.0	50.0	4.1	30.0
1,3-Dichlorobenzene	Ave	1.643	1.686		51.3	50.0	2.6	30.0
p-Cymene (p-Isopropyltoluene)	Ave	2.900	3.028		52.2	50.0	4.4	30.0
1,4-Dichlorobenzene	Ave	1.644	1.673		50.9	50.0	1.7	30.0
Dicyclopentadiene	Ave	3.451	3.545		51.4	50.0	2.7	30.0
n-Butylbenzene	Ave	2.557	2.666		52.1	50.0	4.3	30.0
1,2-Dichlorobenzene	Ave	1.544	1.583		51.3	50.0	2.5	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.1620	0.1762		54.4	50.0	8.8	50.0
1,2,4-Trichlorobenzene	Ave	1.062	1.148		54.0	50.0	8.1	30.0
Hexachlorobutadiene	Ave	0.4968	0.5369		54.0	50.0	8.1	50.0
Naphthalene	Ave	2.127	2.370		55.7	50.0	11.4	30.0
1,2,3-Trichlorobenzene	Ave	0.8758	0.9683		55.3	50.0	10.6	30.0
2-Methylnaphthalene	Ave	0.6372	0.7776		61.0	50.0	22.0	30.0
1-Methylnaphthalene	Ave	0.4690	0.5939		63.3	50.0	26.6	30.0
Dibromofluoromethane (Surr)	Ave	0.4543	0.4546		50.0	50.0	0.0	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3432	0.3390		49.4	50.0	-1.2	30.0
Toluene-d8 (Surr)	Ave	1.402	1.405		50.1	50.0	0.2	30.0
4-Bromofluorobenzene (Surr)	Ave	0.9933	0.9947		50.1	50.0	0.1	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Lab Sample ID: CCVIS 860-6027/2 Calibration Date: 05/01/2021 09:29

Instrument ID: A292 Calib Start Date: 04/29/2021 19:40

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 04/29/2021 21:34

Lab File ID: E12208745.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propene	Ave	0.2777	0.2939		52.9	50.0	5.9	20.0
Dichlorodifluoromethane	Ave	0.3081	0.3739		60.7	50.0	21.3	50.0
Chloromethane	Ave	0.4289	0.4760		55.5	50.0	11.0	20.0
Vinyl chloride	Ave	0.4421	0.4359		49.3	50.0	-1.4	20.0
1,3-Butadiene	Ave	0.3682	0.3844		52.2	50.0	4.4	50.0
Bromomethane	Qua		0.3183		51.8	50.0	3.7	20.0
Chloroethane	Qua		0.2559		47.9	50.0	-4.2	20.0
Trichlorofluoromethane	Ave	0.5661	0.6496		57.4	50.0	14.8	20.0
Acrolein	Ave	0.0828	0.0666		201	250	-19.6	50.0
1,1-Dichloroethene	Ave	0.3878	0.3986		51.4	50.0	2.8	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2849	0.3447		60.5	50.0	21.0*	20.0
Acetone	Ave	0.0490	0.0465		237	250	-5.1	50.0
Iodomethane (Methyl Iodide)	Ave	0.5408	0.4230		39.1	50.0	-21.8	50.0
Carbon disulfide	Ave	1.198	1.181		49.3	50.0	-1.4	20.0
Acetonitrile	Ave	0.0357	0.0379		266	250	6.4	20.0
Allyl Chloride (3-Chloropropene)	Ave	0.2178	0.2541		58.3	50.0	16.6	20.0
Methyl acetate	Ave	0.3379	0.3458		512	500	2.3	20.0
Methylene Chloride	Ave	0.4817	0.4521		46.9	50.0	-6.2	50.0
tert-Butyl alcohol	Ave	0.0390	0.0437		280	250	11.8	20.0
Acrylonitrile	Ave	0.1719	0.1782		259	250	3.7	50.0
trans-1,2-Dichloroethene	Ave	0.4321	0.4300		49.8	50.0	-0.5	20.0
MTBE	Ave	1.310	1.332		50.8	50.0	1.7	20.0
n-Hexane	Ave	0.5089	0.5870		57.7	50.0	15.3	20.0
1,1-Dichloroethane	Ave	0.7693	0.7532		49.0	50.0	-2.1	20.0
Vinyl acetate	Ave	0.9280	1.045		282	250	12.6	50.0
Isopropyl ether	Ave	1.327	1.299		48.9	50.0	-2.2	20.0
Chloroprene	Ave	0.5616	0.6383		56.8	50.0	13.7	20.0
Ethyl tert-butyl ether	Ave	1.380	1.377		49.9	50.0	-0.2	20.0
2,2-Dichloropropane	Ave	0.6371	0.6615		51.9	50.0	3.8	20.0
cis-1,2-Dichloroethene	Ave	0.7216	0.7263		50.3	50.0	0.7	20.0
2-Butanone	Ave	0.0548	0.0590		269	250	7.6	50.0
Propane Nitrile (Propionitrile)	Ave	0.0673	0.0677		50.3	50.0	0.7	20.0
Methacrylonitrile	Ave	0.2036	0.2073		50.9	50.0	1.8	20.0
Bromochloromethane	Ave	0.3224	0.3276		50.8	50.0	1.6	20.0
Tetrahydrofuran	Ave	0.1409	0.1369		48.6	50.0	-2.8	20.0
Chloroform	Ave	0.7961	0.7879		49.5	50.0	-1.0	20.0
1,1,1-Trichloroethane	Ave	0.6668	0.6639		49.8	50.0	-0.4	20.0
Cyclohexane	Ave	0.6011	0.5901		49.1	50.0	-1.8	20.0
1,1-Dichloropropene	Ave	0.5909	0.5925		50.1	50.0	0.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Lab Sample ID: CCVIS 860-6027/2 Calibration Date: 05/01/2021 09:29

Instrument ID: A292 Calib Start Date: 04/29/2021 19:40

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 04/29/2021 21:34

Lab File ID: E12208745.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbon tetrachloride	Ave	0.5739	0.5910		51.5	50.0	3.0	20.0
Isobutanol	Ave	0.0106	0.0114		542	500	8.4	50.0
Benzene	Ave	1.276	1.218		47.7	50.0	-4.5	20.0
1,2-Dichloroethane	Ave	0.4235	0.4203		49.6	50.0	-0.7	20.0
Tert-amyl methyl ether	Ave	0.8928	0.8963		50.2	50.0	0.4	20.0
Trichloroethene	Ave	0.3221	0.3239		50.3	50.0	0.6	20.0
Methylcyclohexane	Ave	0.4375	0.4981		56.9	50.0	13.9	20.0
1,2-Dichloropropane	Ave	0.3466	0.3402		49.1	50.0	-1.9	20.0
Dibromomethane	Ave	0.2108	0.2117		50.2	50.0	0.4	20.0
Methyl methacrylate	Ave	0.2353	0.2370		50.4	50.0	0.7	50.0
1,4-Dioxane (P-Dioxane)	Lin1		0.0035		688	500	37.6	50.0
Bromodichloromethane	Ave	0.4180	0.4227		50.6	50.0	1.1	20.0
2-Chloroethyl vinyl ether	Ave	0.1961	0.1980		50.5	50.0	1.0	20.0
cis-1,3-Dichloropropene	Ave	0.5155	0.5256		51.0	50.0	2.0	20.0
4-Methyl-2-pentanone	Ave	0.2912	0.2986		256	250	2.6	50.0
Toluene	Ave	0.9117	0.8941		49.0	50.0	-1.9	20.0
trans-1,3-Dichloropropene	Ave	0.5487	0.5571		50.8	50.0	1.5	20.0
Ethyl methacrylate	Ave	0.5214	0.5390		51.7	50.0	3.4	50.0
1,1,2-Trichloroethane	Ave	0.3035	0.3089		50.9	50.0	1.8	20.0
Tetrachloroethene	Ave	0.3219	0.3290		51.1	50.0	2.2	20.0
1,3-Dichloropropane	Ave	0.5614	0.5632		50.2	50.0	0.3	20.0
2-Hexanone	Ave	0.2414	0.2564		266	250	6.2	50.0
Dibromochloromethane	Ave	0.3848	0.3970		51.6	50.0	3.2	20.0
1,2-Dibromoethane	Ave	0.3605	0.3730		51.7	50.0	3.5	20.0
1-Chlorohexane	Lin1		0.3452		51.2	50.0	2.3	20.0
Chlorobenzene	Ave	1.017	1.011		49.7	50.0	-0.6	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3581	0.3693		51.6	50.0	3.1	20.0
Ethylbenzene	Ave	1.708	1.693		49.6	50.0	-0.9	20.0
m,p-Xylenes	Ave	1.338	1.328		99.2	100	-0.8	20.0
o-Xylene	Ave	1.390	1.379		49.6	50.0	-0.8	20.0
Styrene	Ave	1.072	1.082		50.5	50.0	0.9	20.0
Bromoform	Ave	0.2566	0.2702		52.7	50.0	5.3	20.0
Isopropylbenzene	Ave	1.649	1.656		50.2	50.0	0.4	20.0
1,1,2,2-Tetrachloroethane	Ave	0.8589	0.8842		51.5	50.0	2.9	20.0
Bromobenzene	Ave	0.8923	0.8772		49.2	50.0	-1.7	20.0
1,2,3-Trichloropropane	Ave	0.9743	1.076		55.2	50.0	10.4	20.0
trans-1,4-Dichloro-2-butene	Ave	0.1930	0.2005		51.9	50.0	3.9	50.0
N-Propylbenzene	Ave	3.855	3.835		49.7	50.0	-0.5	20.0
2-Chlorotoluene	Ave	2.685	2.645		49.3	50.0	-1.5	20.0
4-Ethyltoluene	Ave	3.246	3.228		49.7	50.0	-0.6	20.0
1,3,5-Trimethylbenzene	Ave	2.815	2.824		50.2	50.0	0.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Lab Sample ID: CCVIS 860-6027/2 Calibration Date: 05/01/2021 09:29

Instrument ID: A292 Calib Start Date: 04/29/2021 19:40

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 04/29/2021 21:34

Lab File ID: E12208745.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Chlorotoluene	Ave	2.701	2.660		49.2	50.0	-1.5	20.0
tert-Butylbenzene	Ave	2.343	2.317		49.5	50.0	-1.1	20.0
1,2,4-Trimethylbenzene	Ave	2.772	2.742		49.5	50.0	-1.1	20.0
sec-Butylbenzene	Ave	3.387	3.395		50.1	50.0	0.2	20.0
1,3-Dichlorobenzene	Ave	1.643	1.641		49.9	50.0	-0.1	20.0
p-Cymene (p-Isopropyltoluene)	Ave	2.900	2.928		50.5	50.0	0.9	20.0
1,4-Dichlorobenzene	Ave	1.644	1.625		49.4	50.0	-1.2	20.0
Dicyclopentadiene	Ave	3.451	3.319		48.1	50.0	-3.8	20.0
n-Butylbenzene	Ave	2.557	2.606		51.0	50.0	1.9	20.0
1,2-Dichlorobenzene	Ave	1.544	1.537		49.8	50.0	-0.4	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1620	0.1719		53.1	50.0	6.1	50.0
1,2,4-Trichlorobenzene	Ave	1.062	1.124		52.9	50.0	5.8	20.0
Hexachlorobutadiene	Ave	0.4968	0.5392		54.3	50.0	8.5	50.0
Naphthalene	Ave	2.127	2.258		53.1	50.0	6.2	20.0
1,2,3-Trichlorobenzene	Ave	0.8758	0.9317		53.2	50.0	6.4	20.0
2-Methylnaphthalene	Ave	0.6372	0.7476		58.7	50.0	17.3	20.0
1-Methylnaphthalene	Ave	0.4690	0.5634		60.1	50.0	20.1*	20.0
Dibromofluoromethane (Surr)	Ave	0.4543	0.4553		50.1	50.0	0.2	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3432	0.3423		49.9	50.0	-0.3	20.0
Toluene-d8 (Surr)	Ave	1.402	1.398		49.8	50.0	-0.3	20.0
4-Bromofluorobenzene (Surr)	Ave	0.9933	0.9836		49.5	50.0	-1.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Lab Sample ID: ICV 860-5288/11 Calibration Date: 04/27/2021 12:48

Instrument ID: A322 Calib Start Date: 04/27/2021 09:51

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 04/27/2021 11:49

Lab File ID: A3224213.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propene	Lin1		0.3430		48.8	50.0	-2.4	30.0
Dichlorodifluoromethane	Ave	0.4306	0.4155		48.2	50.0	-3.5	50.0
Chloromethane	Ave	0.4684	0.4765		50.9	50.0	1.7	30.0
Vinyl chloride	Ave	0.5311	0.5284		49.7	50.0	-0.5	30.0
1,3-Butadiene	Ave	0.3918	0.3942		50.3	50.0	0.6	50.0
Bromomethane	Ave	0.4184	0.4290		51.3	50.0	2.5	30.0
Chloroethane	Ave	0.4150	0.4154		50.1	50.0	0.1	30.0
Trichlorofluoromethane	Ave	0.5786	0.6365		55.0	50.0	10.0	30.0
Acrolein	Ave	0.0807	0.0862		267	250	6.9	50.0
1,1-Dichloroethene	Ave	0.3974	0.4292		54.0	50.0	8.0	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Lin1		0.3098		51.1	50.0	2.2	30.0
Acetone	Ave	0.0419	0.0395		235	250	-5.9	50.0
Iodomethane (Methyl Iodide)	Lin1		0.5256		49.5	50.0	-0.9	50.0
Carbon disulfide	Ave	1.012	1.052		52.0	50.0	3.9	30.0
Acetonitrile	Ave	0.0224	0.0224		250	250	-0.0	30.0
Methyl acetate	Ave	0.3420	0.3479		509	500	1.7	30.0
Methylene Chloride	Ave	0.4379	0.4407		50.3	50.0	0.6	50.0
tert-Butyl alcohol	Lin1		0.0333		231	250	-7.7	30.0
Acrylonitrile	Ave	0.1737	0.1767		254	250	1.8	50.0
trans-1,2-Dichloroethene	Ave	0.4410	0.4614		52.3	50.0	4.6	30.0
MTBE	Ave	1.266	1.325		52.4	50.0	4.7	30.0
n-Hexane	Lin1		0.5255		46.9	50.0	-6.2	30.0
1,1-Dichloroethane	Ave	0.7544	0.7739		51.3	50.0	2.6	30.0
Vinyl acetate	Ave	0.9201	1.004		273	250	9.1	50.0
Isopropyl ether	Ave	1.313	1.399		53.3	50.0	6.5	30.0
Ethyl tert-butyl ether	Ave	1.213	1.276		52.6	50.0	5.2	30.0
2,2-Dichloropropane	Ave	0.5907	0.6218		52.6	50.0	5.3	30.0
cis-1,2-Dichloroethene	Ave	0.6725	0.6895		51.3	50.0	2.5	30.0
2-Butanone	Ave	0.0517	0.0507		245	250	-1.9	50.0
Bromochloromethane	Ave	0.2964	0.3083		52.0	50.0	4.0	30.0
Tetrahydrofuran	Ave	0.1546	0.1310		42.4	50.0	-15.3	30.0
Chloroform	Ave	0.7300	0.7532		51.6	50.0	3.2	30.0
1,1,1-Trichloroethane	Ave	0.6426	0.6614		51.5	50.0	2.9	30.0
Cyclohexane	Lin1		0.6087		49.5	50.0	-1.0	30.0
Carbon tetrachloride	Ave	0.5150	0.5500		53.4	50.0	6.8	30.0
1,1-Dichloropropene	Ave	0.5592	0.5757		51.5	50.0	2.9	30.0
Benzene	Ave	1.164	1.200		51.6	50.0	3.1	30.0
1,2-Dichloroethane	Ave	0.4103	0.4166		50.8	50.0	1.5	30.0
Tert-amyl methyl ether	Ave	0.7267	0.7677		52.8	50.0	5.6	30.0
Trichloroethene	Lin1		0.3124		51.4	50.0	2.8	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Lab Sample ID: ICV 860-5288/11 Calibration Date: 04/27/2021 12:48

Instrument ID: A322 Calib Start Date: 04/27/2021 09:51

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 04/27/2021 11:49

Lab File ID: A3224213.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methylcyclohexane	Ave	0.4035	0.4126		51.1	50.0	2.2	30.0
1,2-Dichloropropane	Ave	0.2895	0.3037		52.5	50.0	4.9	30.0
Dibromomethane	Ave	0.1659	0.1774		53.5	50.0	7.0	30.0
1,4-Dioxane (P-Dioxane)	Ave	0.0026	0.0027		525	500	5.0	50.0
Bromodichloromethane	Ave	0.3553	0.3763		53.0	50.0	5.9	30.0
2-Chloroethyl vinyl ether	Ave	0.1615	0.1724		53.4	50.0	6.7	30.0
cis-1,3-Dichloropropene	Ave	0.4077	0.4495		55.1	50.0	10.3	30.0
4-Methyl-2-pentanone	Ave	0.2688	0.2755		256	250	2.5	50.0
Toluene	Ave	0.8704	0.9150		52.6	50.0	5.1	30.0
trans-1,3-Dichloropropene	Ave	0.4173	0.4684		56.1	50.0	12.2	30.0
Ethyl methacrylate	Ave	0.4188	0.4727		56.4	50.0	12.9	50.0
1,1,2-Trichloroethane	Ave	0.2375	0.2585		54.4	50.0	8.8	30.0
Tetrachloroethene	Ave	0.2911	0.3112		53.5	50.0	6.9	30.0
1,3-Dichloropropane	Ave	0.5186	0.5369		51.8	50.0	3.5	30.0
2-Hexanone	Ave	0.2188	0.2260		258	250	3.3	50.0
Dibromochloromethane	Ave	0.2952	0.3298		55.9	50.0	11.7	30.0
1,2-Dibromoethane	Ave	0.3059	0.3113		50.9	50.0	1.8	30.0
1-Chlorohexane	Lin1		0.3270		49.0	50.0	-1.9	30.0
Chlorobenzene	Ave	0.8936	0.9416		52.7	50.0	5.4	30.0
1,1,1,2-Tetrachloroethane	Ave	0.3101	0.3414		55.1	50.0	10.1	30.0
Ethylbenzene	Ave	1.503	1.600		53.2	50.0	6.4	30.0
m,p-Xylenes	Ave	1.138	1.215		107	100	6.8	30.0
o-Xylene	Ave	1.186	1.265		53.3	50.0	6.7	30.0
Styrene	Ave	0.9338	1.004		53.8	50.0	7.6	30.0
Bromoform	Lin1		0.2073		49.9	50.0	-0.2	30.0
Isopropylbenzene	Ave	1.408	1.478		52.5	50.0	4.9	30.0
1,1,2,2-Tetrachloroethane	Lin1		0.7449		47.6	50.0	-4.9	30.0
Bromobenzene	Ave	0.8084	0.8265		51.1	50.0	2.2	30.0
1,2,3-Trichloropropane	Ave	0.7972	0.8126		51.0	50.0	1.9	30.0
trans-1,4-Dichloro-2-butene	Lin1		0.1859		46.0	50.0	-8.1	50.0
N-Propylbenzene	Ave	3.376	3.501		51.9	50.0	3.7	30.0
2-Chlorotoluene	Ave	2.369	2.473		52.2	50.0	4.4	30.0
1,3,5-Trimethylbenzene	Ave	2.705	2.853		52.8	50.0	5.5	30.0
4-Ethyltoluene	Ave	2.371	2.483		52.4	50.0	4.7	30.0
4-Chlorotoluene	Ave	2.440	2.510		51.4	50.0	2.8	30.0
tert-Butylbenzene	Ave	2.003	2.060		51.4	50.0	2.8	30.0
1,2,4-Trimethylbenzene	Ave	2.280	2.403		52.7	50.0	5.4	30.0
sec-Butylbenzene	Ave	2.889	2.965		51.3	50.0	2.6	30.0
1,3-Dichlorobenzene	Ave	1.486	1.509		50.8	50.0	1.5	30.0
p-Cymene (p-Isopropyltoluene)	Ave	2.420	2.575		53.2	50.0	6.4	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Lab Sample ID: ICV 860-5288/11 Calibration Date: 04/27/2021 12:48

Instrument ID: A322 Calib Start Date: 04/27/2021 09:51

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 04/27/2021 11:49

Lab File ID: A3224213.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dichlorobenzene	Ave	1.533	1.512		49.3	50.0	-1.3	30.0
Dicyclopentadiene	Ave	2.828	2.957		52.3	50.0	4.6	30.0
n-Butylbenzene	Ave	2.111	2.226		52.7	50.0	5.4	30.0
1,2-Dichlorobenzene	Ave	1.383	1.419		51.3	50.0	2.6	30.0
1,2-Dibromo-3-Chloropropane	Lin1		0.1505		47.3	50.0	-5.4	50.0
1,2,4-Trichlorobenzene	Lin1		0.9088		49.9	50.0	-0.1	30.0
Hexachlorobutadiene	Ave	0.3689	0.4114		55.8	50.0	11.5	50.0
Naphthalene	Ave	2.013	2.143		53.2	50.0	6.4	30.0
1,2,3-Trichlorobenzene	Ave	0.7575	0.7794		51.4	50.0	2.9	30.0
2-Methylnaphthalene	Lin1		0.7218		44.6	50.0	-10.8	30.0
1-Methylnaphthalene	Lin1		0.6310		46.5	50.0	-7.0	30.0
Dibromofluoromethane (Surr)	Ave	0.4432	0.4417		49.8	50.0	-0.3	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3568	0.3518		49.3	50.0	-1.4	30.0
Toluene-d8 (Surr)	Ave	1.356	1.395		51.4	50.0	2.9	30.0
4-Bromofluorobenzene (Surr)	Ave	0.9567	0.9575		50.0	50.0	0.0	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Lab Sample ID: CCVIS 860-6026/2 Calibration Date: 05/01/2021 09:11

Instrument ID: A322 Calib Start Date: 04/27/2021 09:51

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 04/27/2021 11:49

Lab File ID: A3224442.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propene	Lin1		0.3343		47.6	50.0	-4.9	20.0
Dichlorodifluoromethane	Ave	0.4306	0.3457		40.2	50.0	-19.7	50.0
Chloromethane	Ave	0.4684	0.4628		49.4	50.0	-1.2	20.0
Vinyl chloride	Ave	0.5311	0.5454		51.3	50.0	2.7	20.0
1,3-Butadiene	Ave	0.3918	0.5957		76.0	50.0	52.1*	50.0
Bromomethane	Ave	0.4184	0.3994		47.7	50.0	-4.6	20.0
Chloroethane	Ave	0.4150	0.4597		55.4	50.0	10.8	20.0
Trichlorofluoromethane	Ave	0.5786	0.6661		57.6	50.0	15.1	20.0
Acrolein	Ave	0.0807	0.1001		310	250	24.1	50.0
1,1-Dichloroethene	Ave	0.3974	0.4122		51.9	50.0	3.7	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Lin1		0.2844		47.0	50.0	-6.0	20.0
Acetone	Ave	0.0419	0.0446		266	250	6.3	50.0
Iodomethane (Methyl Iodide)	Lin1		0.3686		35.0	50.0	-30.0	50.0
Carbon disulfide	Ave	1.012	1.154		57.0	50.0	14.0	20.0
Acetonitrile	Ave	0.0224	0.0225		250	250	0.1	20.0
Methyl acetate	Ave	0.3420	0.4015		587	500	17.4	20.0
Methylene Chloride	Ave	0.4379	0.4547		51.9	50.0	3.8	50.0
tert-Butyl alcohol	Lin1		0.0217		151	250	-39.4*	20.0
Acrylonitrile	Ave	0.1737	0.2043		294	250	17.6	50.0
MTBE	Ave	1.266	1.346		53.2	50.0	6.3	20.0
trans-1,2-Dichloroethene	Ave	0.4410	0.4748		53.8	50.0	7.7	20.0
n-Hexane	Lin1		0.7077		63.0	50.0	26.0*	20.0
1,1-Dichloroethane	Ave	0.7544	0.8141		54.0	50.0	7.9	20.0
Vinyl acetate	Ave	0.9201	1.304		354	250	41.7	50.0
Isopropyl ether	Ave	1.313	1.740		66.3	50.0	32.5*	20.0
Ethyl tert-butyl ether	Ave	1.213	1.414		58.3	50.0	16.5	20.0
2,2-Dichloropropane	Ave	0.5907	0.6157		52.1	50.0	4.2	20.0
cis-1,2-Dichloroethene	Ave	0.6725	0.7741		57.6	50.0	15.1	20.0
2-Butanone	Ave	0.0517	0.0569		275	250	10.0	50.0
Bromochloromethane	Ave	0.2964	0.2954		49.8	50.0	-0.3	20.0
Tetrahydrofuran	Ave	0.1546	0.1366		44.2	50.0	-11.6	20.0
Chloroform	Ave	0.7300	0.8242		56.5	50.0	12.9	20.0
1,1,1-Trichloroethane	Ave	0.6426	0.7193		56.0	50.0	11.9	20.0
Cyclohexane	Lin1		0.7347		60.2	50.0	20.3*	20.0
1,1-Dichloropropene	Ave	0.5592	0.6436		57.5	50.0	15.1	20.0
Carbon tetrachloride	Ave	0.5150	0.6182		60.0	50.0	20.0	20.0
Benzene	Ave	1.164	1.283		55.1	50.0	10.3	20.0
1,2-Dichloroethane	Ave	0.4103	0.4340		52.9	50.0	5.8	20.0
Tert-amyl methyl ether	Ave	0.7267	0.8210		56.5	50.0	13.0	20.0
Trichloroethene	Lin1		0.2881		47.4	50.0	-5.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Lab Sample ID: CCVIS 860-6026/2 Calibration Date: 05/01/2021 09:11

Instrument ID: A322 Calib Start Date: 04/27/2021 09:51

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 04/27/2021 11:49

Lab File ID: A3224442.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methylcyclohexane	Ave	0.4035	0.4953		61.4	50.0	22.7*	20.0
1,2-Dichloropropane	Ave	0.2895	0.3285		56.7	50.0	13.4	20.0
Dibromomethane	Ave	0.1659	0.1910		57.6	50.0	15.2	20.0
1,4-Dioxane (P-Dioxane)	Ave	0.0026	0.0019		363	500	-27.4	50.0
Bromodichloromethane	Ave	0.3553	0.3988		56.1	50.0	12.2	20.0
2-Chloroethyl vinyl ether	Ave	0.1615	0.1590		49.2	50.0	-1.6	20.0
cis-1,3-Dichloropropene	Ave	0.4077	0.4557		55.9	50.0	11.8	20.0
4-Methyl-2-pentanone	Ave	0.2688	0.3166		294	250	17.8	50.0
Toluene	Ave	0.8704	0.8839		50.8	50.0	1.5	20.0
trans-1,3-Dichloropropene	Ave	0.4173	0.4388		52.6	50.0	5.1	20.0
Ethyl methacrylate	Ave	0.4188	0.4499		53.7	50.0	7.4	50.0
1,1,2-Trichloroethane	Ave	0.2375	0.2516		53.0	50.0	5.9	20.0
Tetrachloroethene	Ave	0.2911	0.2865		49.2	50.0	-1.6	20.0
1,3-Dichloropropane	Ave	0.5186	0.5302		51.1	50.0	2.2	20.0
2-Hexanone	Ave	0.2188	0.2303		263	250	5.3	50.0
Dibromochloromethane	Ave	0.2952	0.2982		50.5	50.0	1.0	20.0
1,2-Dibromoethane	Ave	0.3059	0.3011		49.2	50.0	-1.6	20.0
1-Chlorohexane	Lin1		0.3565		53.6	50.0	7.1	20.0
Chlorobenzene	Ave	0.8936	0.9085		50.8	50.0	1.7	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3101	0.3168		51.1	50.0	2.2	20.0
Ethylbenzene	Ave	1.503	1.579		52.5	50.0	5.0	20.0
m,p-Xylenes	Ave	1.138	1.217		107	100	7.0	20.0
o-Xylene	Ave	1.186	1.242		52.4	50.0	4.8	20.0
Styrene	Ave	0.9338	1.018		54.5	50.0	9.0	20.0
Bromoform	Lin1		0.1890		45.6	50.0	-8.9	20.0
Isopropylbenzene	Ave	1.408	1.476		52.4	50.0	4.8	20.0
1,1,2,2-Tetrachloroethane	Lin1		0.7511		48.0	50.0	-4.1	20.0
Bromobenzene	Ave	0.8084	0.7394		45.7	50.0	-8.5	20.0
1,2,3-Trichloropropane	Ave	0.7972	0.7152		44.9	50.0	-10.3	20.0
trans-1,4-Dichloro-2-butene	Lin1		0.1867		46.1	50.0	-7.7	50.0
N-Propylbenzene	Ave	3.376	3.346		49.6	50.0	-0.9	20.0
2-Chlorotoluene	Ave	2.369	2.368		50.0	50.0	-0.0	20.0
1,3,5-Trimethylbenzene	Ave	2.705	2.806		51.9	50.0	3.7	20.0
4-Ethyltoluene	Ave	2.371	2.360		49.8	50.0	-0.5	20.0
4-Chlorotoluene	Ave	2.440	2.412		49.4	50.0	-1.1	20.0
tert-Butylbenzene	Ave	2.003	1.931		48.2	50.0	-3.6	20.0
1,2,4-Trimethylbenzene	Ave	2.280	2.317		50.8	50.0	1.6	20.0
sec-Butylbenzene	Ave	2.889	2.914		50.4	50.0	0.9	20.0
1,3-Dichlorobenzene	Ave	1.486	1.394		46.9	50.0	-6.2	20.0
p-Cymene (p-Isopropyltoluene)	Ave	2.420	2.497		51.6	50.0	3.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Lab Sample ID: CCVIS 860-6026/2 Calibration Date: 05/01/2021 09:11

Instrument ID: A322 Calib Start Date: 04/27/2021 09:51

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 04/27/2021 11:49

Lab File ID: A3224442.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dichlorobenzene	Ave	1.533	1.482		48.4	50.0	-3.3	20.0
Dicyclopentadiene	Ave	2.828	3.006		53.2	50.0	6.3	20.0
n-Butylbenzene	Ave	2.111	2.210		52.3	50.0	4.7	20.0
1,2-Dichlorobenzene	Ave	1.383	1.346		48.6	50.0	-2.7	20.0
1,2-Dibromo-3-Chloropropane	Lin1		0.1122		35.5	50.0	-29.0	50.0
1,2,4-Trichlorobenzene	Lin1		0.8713		47.9	50.0	-4.2	20.0
Hexachlorobutadiene	Ave	0.3689	0.3904		52.9	50.0	5.8	50.0
Naphthalene	Ave	2.013	1.966		48.8	50.0	-2.4	20.0
1,2,3-Trichlorobenzene	Ave	0.7575	0.7957		52.5	50.0	5.0	20.0
2-Methylnaphthalene	Lin1		0.7177		44.3	50.0	-11.3	20.0
1-Methylnaphthalene	Lin1		0.6076		44.8	50.0	-10.4	20.0
Dibromofluoromethane (Surr)	Ave	0.4432	0.4864		54.9	50.0	9.7	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3568	0.3973		55.7	50.0	11.4	20.0
Toluene-d8 (Surr)	Ave	1.356	1.370		50.5	50.0	1.0	20.0
4-Bromofluorobenzene (Surr)	Ave	0.9567	0.8963		46.8	50.0	-6.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Lab Sample ID: CCVIS 860-6039/2 Calibration Date: 05/01/2021 21:09

Instrument ID: A322 Calib Start Date: 04/27/2021 09:51

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 04/27/2021 11:49

Lab File ID: A3224475.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propene	Lin1		0.3055		43.4	50.0	-13.2	20.0
Dichlorodifluoromethane	Ave	0.4306	0.3183		37.0	50.0	-26.1	50.0
Chloromethane	Ave	0.4684	0.5015		53.5	50.0	7.1	20.0
Vinyl chloride	Ave	0.5311	0.5863		55.2	50.0	10.4	20.0
1,3-Butadiene	Ave	0.3918	0.6063		77.4	50.0	54.8*	50.0
Bromomethane	Ave	0.4184	0.5084		60.8	50.0	21.5*	20.0
Chloroethane	Ave	0.4150	0.5066		61.0	50.0	22.1*	20.0
Trichlorofluoromethane	Ave	0.5786	0.6500		56.2	50.0	12.3	20.0
Acrolein	Ave	0.0807	0.1097		340	250	35.9	50.0
1,1-Dichloroethene	Ave	0.3974	0.4258		53.6	50.0	7.1	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Lin1		0.2649		43.8	50.0	-12.4	20.0
Acetone	Ave	0.0419	0.0565		337	250	34.6	50.0
Iodomethane (Methyl Iodide)	Lin1		0.4300		40.7	50.0	-18.6	50.0
Carbon disulfide	Ave	1.012	1.201		59.4	50.0	18.7	20.0
Acetonitrile	Ave	0.0224	0.0257		286	250	14.3	20.0
Methyl acetate	Ave	0.3420	0.4521		661	500	32.2*	20.0
Methylene Chloride	Ave	0.4379	0.4926		56.3	50.0	12.5	50.0
tert-Butyl alcohol	Lin1		0.0245		171	250	-31.6*	20.0
Acrylonitrile	Ave	0.1737	0.2300		331	250	32.4	50.0
MTBE	Ave	1.266	1.489		58.8	50.0	17.7	20.0
trans-1,2-Dichloroethene	Ave	0.4410	0.5034		57.1	50.0	14.1	20.0
n-Hexane	Lin1		0.6074		54.1	50.0	8.3	20.0
1,1-Dichloroethane	Ave	0.7544	0.8818		58.4	50.0	16.9	20.0
Vinyl acetate	Ave	0.9201	0.9201		250	250	0.0	50.0
Isopropyl ether	Ave	1.313	1.805		68.7	50.0	37.5*	20.0
Ethyl tert-butyl ether	Ave	1.213	1.545		63.7	50.0	27.4*	20.0
2,2-Dichloropropane	Ave	0.5907	0.5997		50.8	50.0	1.5	20.0
cis-1,2-Dichloroethene	Ave	0.6725	0.8293		61.7	50.0	23.3*	20.0
2-Butanone	Ave	0.0517	0.0631		305	250	22.1	50.0
Bromochloromethane	Ave	0.2964	0.3118		52.6	50.0	5.2	20.0
Tetrahydrofuran	Ave	0.1546	0.1669		54.0	50.0	8.0	20.0
Chloroform	Ave	0.7300	0.9019		61.8	50.0	23.5*	20.0
1,1,1-Trichloroethane	Ave	0.6426	0.7520		58.5	50.0	17.0	20.0
Cyclohexane	Lin1		0.6712		54.8	50.0	9.6	20.0
Carbon tetrachloride	Ave	0.5150	0.6216		60.4	50.0	20.7*	20.0
1,1-Dichloropropene	Ave	0.5592	0.6762		60.5	50.0	20.9*	20.0
Benzene	Ave	1.164	1.335		57.4	50.0	14.8	20.0
1,2-Dichloroethane	Ave	0.4103	0.4866		59.3	50.0	18.6	20.0
Tert-amyl methyl ether	Ave	0.7267	0.8613		59.3	50.0	18.5	20.0
Trichloroethene	Lin1		0.3149		51.8	50.0	3.6	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Lab Sample ID: CCVIS 860-6039/2 Calibration Date: 05/01/2021 21:09

Instrument ID: A322 Calib Start Date: 04/27/2021 09:51

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 04/27/2021 11:49

Lab File ID: A3224475.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methylcyclohexane	Ave	0.4035	0.4460		55.3	50.0	10.5	20.0
1,2-Dichloropropane	Ave	0.2895	0.3372		58.2	50.0	16.5	20.0
Dibromomethane	Ave	0.1659	0.2067		62.3	50.0	24.6*	20.0
1,4-Dioxane (P-Dioxane)	Ave	0.0026	0.0015		292	500	-41.5	50.0
Bromodichloromethane	Ave	0.3553	0.4205		59.2	50.0	18.4	20.0
2-Chloroethyl vinyl ether	Ave	0.1615	0.1747		54.1	50.0	8.1	20.0
cis-1,3-Dichloropropene	Ave	0.4077	0.4784		58.7	50.0	17.3	20.0
4-Methyl-2-pentanone	Ave	0.2688	0.3541		329	250	31.7	50.0
Toluene	Ave	0.8704	0.9022		51.8	50.0	3.7	20.0
trans-1,3-Dichloropropene	Ave	0.4173	0.4292		51.4	50.0	2.8	20.0
Ethyl methacrylate	Ave	0.4188	0.4779		57.1	50.0	14.1	50.0
1,1,2-Trichloroethane	Ave	0.2375	0.2773		58.4	50.0	16.7	20.0
Tetrachloroethene	Ave	0.2911	0.2733		46.9	50.0	-6.1	20.0
1,3-Dichloropropane	Ave	0.5186	0.5502		53.1	50.0	6.1	20.0
2-Hexanone	Ave	0.2188	0.2633		301	250	20.3	50.0
Dibromochloromethane	Ave	0.2952	0.3102		52.5	50.0	5.1	20.0
1,2-Dibromoethane	Ave	0.3059	0.3094		50.6	50.0	1.2	20.0
1-Chlorohexane	Lin1		0.3609		54.2	50.0	8.5	20.0
Chlorobenzene	Ave	0.8936	0.9443		52.8	50.0	5.7	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3101	0.3174		51.2	50.0	2.4	20.0
Ethylbenzene	Ave	1.503	1.621		53.9	50.0	7.8	20.0
m,p-Xylenes	Ave	1.138	1.258		111	100	10.5	20.0
o-Xylene	Ave	1.186	1.296		54.7	50.0	9.3	20.0
Styrene	Ave	0.9338	1.064		57.0	50.0	13.9	20.0
Bromoform	Lin1		0.1864		44.9	50.0	-10.1	20.0
Isopropylbenzene	Ave	1.408	1.562		55.5	50.0	10.9	20.0
1,1,2,2-Tetrachloroethane	Lin1		0.7834		50.0	50.0	0.0	20.0
Bromobenzene	Ave	0.8084	0.7837		48.5	50.0	-3.1	20.0
1,2,3-Trichloropropane	Ave	0.7972	0.8106		50.8	50.0	1.7	20.0
trans-1,4-Dichloro-2-butene	Lin1		0.1953		48.2	50.0	-3.5	50.0
N-Propylbenzene	Ave	3.376	3.679		54.5	50.0	9.0	20.0
2-Chlorotoluene	Ave	2.369	2.579		54.4	50.0	8.9	20.0
1,3,5-Trimethylbenzene	Ave	2.705	3.098		57.3	50.0	14.5	20.0
4-Ethyltoluene	Ave	2.371	2.604		54.9	50.0	9.8	20.0
4-Chlorotoluene	Ave	2.440	2.566		52.6	50.0	5.1	20.0
tert-Butylbenzene	Ave	2.003	2.080		51.9	50.0	3.8	20.0
1,2,4-Trimethylbenzene	Ave	2.280	2.504		54.9	50.0	9.8	20.0
sec-Butylbenzene	Ave	2.889	3.178		55.0	50.0	10.0	20.0
1,3-Dichlorobenzene	Ave	1.486	1.476		49.6	50.0	-0.7	20.0
p-Cymene (p-Isopropyltoluene)	Ave	2.420	2.704		55.9	50.0	11.8	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Lab Sample ID: CCVIS 860-6039/2 Calibration Date: 05/01/2021 21:09

Instrument ID: A322 Calib Start Date: 04/27/2021 09:51

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 04/27/2021 11:49

Lab File ID: A3224475.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dichlorobenzene	Ave	1.533	1.577		51.5	50.0	2.9	20.0
Dicyclopentadiene	Ave	2.828	3.365		59.5	50.0	19.0	20.0
n-Butylbenzene	Ave	2.111	2.420		57.3	50.0	14.6	20.0
1,2-Dichlorobenzene	Ave	1.383	1.466		53.0	50.0	5.9	20.0
1,2-Dibromo-3-Chloropropane	Lin1		0.1182		37.4	50.0	-25.3	50.0
1,2,4-Trichlorobenzene	Lin1		0.9057		49.8	50.0	-0.5	20.0
Hexachlorobutadiene	Ave	0.3689	0.4161		56.4	50.0	12.8	50.0
Naphthalene	Ave	2.013	2.140		53.2	50.0	6.3	20.0
1,2,3-Trichlorobenzene	Ave	0.7575	0.8379		55.3	50.0	10.6	20.0
2-Methylnaphthalene	Lin1		0.8430		51.9	50.0	3.8	20.0
1-Methylnaphthalene	Lin1		0.7092		52.2	50.0	4.4	20.0
Dibromofluoromethane (Surr)	Ave	0.4432	0.4925		55.6	50.0	11.1	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3568	0.4030		56.5	50.0	12.9	20.0
Toluene-d8 (Surr)	Ave	1.356	1.352		49.9	50.0	-0.3	20.0
4-Bromofluorobenzene (Surr)	Ave	0.9567	0.9431		49.3	50.0	-1.4	20.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 860-6026/10

Matrix: Water Lab File ID: A3224450.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 05/01/2021 12:52

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 6026 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.000216	U	0.00100	0.000216
71-43-2	Benzene	0.000214	U	0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.000244	U	0.00100	0.000244
127-18-4	Tetrachloroethene	0.000500	U	0.00100	0.000500
91-20-3	Naphthalene	0.00200	U	0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	110		74-124
1868-53-7	Dibromofluoromethane (Surr)	111		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	118		63-144
2037-26-5	Toluene-d8 (Surr)	106		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 860-6027/9

Matrix: Water Lab File ID: E12208752.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 05/01/2021 12:05

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 6027 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.000216	U	0.00100	0.000216
71-43-2	Benzene	0.000214	U	0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.000244	U	0.00100	0.000244
127-18-4	Tetrachloroethene	0.000500	U	0.00100	0.000500
91-20-3	Naphthalene	0.00200	U	0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	99		74-124
1868-53-7	Dibromofluoromethane (Surr)	97		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		63-144
2037-26-5	Toluene-d8 (Surr)	101		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 860-6039/10

Matrix: Water Lab File ID: A3224483.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 05/01/2021 23:47

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 6039 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.000216	U	0.00100	0.000216
71-43-2	Benzene	0.000214	U	0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.000244	U	0.00100	0.000244
127-18-4	Tetrachloroethene	0.000500	U	0.00100	0.000500
91-20-3	Naphthalene	0.00200	U	0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	109		74-124
1868-53-7	Dibromofluoromethane (Surr)	115		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	121		63-144
2037-26-5	Toluene-d8 (Surr)	105		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 860-6026/3

Matrix: Water Lab File ID: A3224443.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 05/01/2021 09:50

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 6026 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.04753		0.00100	0.000216
71-43-2	Benzene	0.05091		0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.05044		0.00100	0.000244
127-18-4	Tetrachloroethene	0.04672		0.00100	0.000500
91-20-3	Naphthalene	0.04958		0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	94		74-124
1868-53-7	Dibromofluoromethane (Surr)	109		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		63-144
2037-26-5	Toluene-d8 (Surr)	101		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 860-6027/3

Matrix: Water Lab File ID: E12208746.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 05/01/2021 10:07

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 6027 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.05355		0.00100	0.000216
71-43-2	Benzene	0.05031		0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.05059		0.00100	0.000244
127-18-4	Tetrachloroethene	0.05338		0.00100	0.000500
91-20-3	Naphthalene	0.05315		0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	100		74-124
1868-53-7	Dibromofluoromethane (Surr)	100		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		63-144
2037-26-5	Toluene-d8 (Surr)	99		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 860-6039/3

Matrix: Water Lab File ID: A3224476.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 05/01/2021 21:29

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 6039 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.05076		0.00100	0.000216
71-43-2	Benzene	0.05468		0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.05710		0.00100	0.000244
127-18-4	Tetrachloroethene	0.04798		0.00100	0.000500
91-20-3	Naphthalene	0.05414		0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	95		74-124
1868-53-7	Dibromofluoromethane (Surr)	111		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		63-144
2037-26-5	Toluene-d8 (Surr)	99		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 860-6026/4

Matrix: Water Lab File ID: A3224444.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 05/01/2021 10:10

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 6026 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.05040		0.00100	0.000216
71-43-2	Benzene	0.05080		0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.05023		0.00100	0.000244
127-18-4	Tetrachloroethene	0.04886		0.00100	0.000500
91-20-3	Naphthalene	0.05065		0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	94		74-124
1868-53-7	Dibromofluoromethane (Surr)	108		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		63-144
2037-26-5	Toluene-d8 (Surr)	100		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 860-6027/4

Matrix: Water Lab File ID: E12208747.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 05/01/2021 10:26

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 6027 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.05070		0.00100	0.000216
71-43-2	Benzene	0.04829		0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.04865		0.00100	0.000244
127-18-4	Tetrachloroethene	0.05228		0.00100	0.000500
91-20-3	Naphthalene	0.05393		0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	98		74-124
1868-53-7	Dibromofluoromethane (Surr)	99		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		63-144
2037-26-5	Toluene-d8 (Surr)	100		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 860-6039/4

Matrix: Water Lab File ID: A3224477.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 05/01/2021 21:48

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 6039 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.05343		0.00100	0.000216
71-43-2	Benzene	0.05637		0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.05798		0.00100	0.000244
127-18-4	Tetrachloroethene	0.04940		0.00100	0.000500
91-20-3	Naphthalene	0.05763		0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	96		74-124
1868-53-7	Dibromofluoromethane (Surr)	111		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		63-144
2037-26-5	Toluene-d8 (Surr)	98		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Client Sample ID: Artesia-MW36-042821 MS Lab Sample ID: 860-2789-21 MS

Matrix: Water Lab File ID: A3224445.D

Analysis Method: 8260C Date Collected: 04/28/2021 14:15

Sample wt/vol: 5(mL) Date Analyzed: 05/01/2021 11:00

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 6026 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.05423		0.00100	0.000216
71-43-2	Benzene	0.05453		0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.07098		0.00100	0.000244
127-18-4	Tetrachloroethene	0.05690		0.00100	0.000500
91-20-3	Naphthalene	0.05410		0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	97		74-124
1868-53-7	Dibromofluoromethane (Surr)	107		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		63-144
2037-26-5	Toluene-d8 (Surr)	100		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Client Sample ID: Artesia-MW36-042821 MSD Lab Sample ID: 860-2789-21 MSD

Matrix: Water Lab File ID: A3224446.D

Analysis Method: 8260C Date Collected: 04/28/2021 14:15

Sample wt/vol: 5(mL) Date Analyzed: 05/01/2021 11:32

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 6026 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.05408		0.00100	0.000216
71-43-2	Benzene	0.05697		0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.06996		0.00100	0.000244
127-18-4	Tetrachloroethene	0.06054		0.00100	0.000500
91-20-3	Naphthalene	0.06228		0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	95		74-124
1868-53-7	Dibromofluoromethane (Surr)	107		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		63-144
2037-26-5	Toluene-d8 (Surr)	99		80-117

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Instrument ID: A292 Start Date: 04/29/2021 19:21

Analysis Batch Number: 5780 End Date: 04/30/2021 05:49

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 860-5780/1		04/29/2021 19:21	1	860-0001243-033.D	DB-624 0.25(mm)
IC 860-5780/2		04/29/2021 19:40	1	860-0001243-034.D	DB-624 0.25(mm)
IC 860-5780/3		04/29/2021 19:59	1	860-0001243-035.D	DB-624 0.25(mm)
IC 860-5780/4		04/29/2021 20:18	1	860-0001243-036.D	DB-624 0.25(mm)
IC 860-5780/5		04/29/2021 20:37	1	860-0001243-037.D	DB-624 0.25(mm)
ICIS 860-5780/6		04/29/2021 20:56	1	860-0001243-038.D	DB-624 0.25(mm)
IC 860-5780/7		04/29/2021 21:15	1	860-0001243-039.D	DB-624 0.25(mm)
IC 860-5780/8		04/29/2021 21:34	1	860-0001243-040.D	DB-624 0.25(mm)
ICV 860-5780/9		04/29/2021 22:12	1	860-0001243-042.D	DB-624 0.25(mm)
ZZZZZ		04/29/2021 22:12	1		DB-624 0.25(mm)
ZZZZZ		04/29/2021 22:31	1		DB-624 0.25(mm)
ZZZZZ		04/29/2021 22:50	1		DB-624 0.25(mm)
ZZZZZ		04/30/2021 00:06	5		DB-624 0.25(mm)
ZZZZZ		04/30/2021 00:25	1		DB-624 0.25(mm)
ZZZZZ		04/30/2021 00:44	1		DB-624 0.25(mm)
ZZZZZ		04/30/2021 01:03	1		DB-624 0.25(mm)
ZZZZZ		04/30/2021 01:22	1		DB-624 0.25(mm)
ZZZZZ		04/30/2021 01:41	1		DB-624 0.25(mm)
ZZZZZ		04/30/2021 02:00	1		DB-624 0.25(mm)
ZZZZZ		04/30/2021 02:19	1		DB-624 0.25(mm)
ZZZZZ		04/30/2021 02:38	1		DB-624 0.25(mm)
ZZZZZ		04/30/2021 02:57	1		DB-624 0.25(mm)
ZZZZZ		04/30/2021 03:16	1		DB-624 0.25(mm)
ZZZZZ		04/30/2021 03:35	1		DB-624 0.25(mm)
ZZZZZ		04/30/2021 03:54	1		DB-624 0.25(mm)
ZZZZZ		04/30/2021 04:13	1		DB-624 0.25(mm)
ZZZZZ		04/30/2021 04:32	1		DB-624 0.25(mm)
ZZZZZ		04/30/2021 04:51	50		DB-624 0.25(mm)
ZZZZZ		04/30/2021 05:10	50		DB-624 0.25(mm)
ZZZZZ		04/30/2021 05:30	50		DB-624 0.25(mm)
ZZZZZ		04/30/2021 05:49	50		DB-624 0.25(mm)

8260C

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Instrument ID: A292 Start Date: 05/01/2021 08:15

Analysis Batch Number: 6027 End Date: 05/01/2021 18:31

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 860-6027/1		05/01/2021 08:15	1	E12208744.D	DB-624 0.25(mm)
CCVIS 860-6027/2		05/01/2021 09:29	1	E12208745.D	DB-624 0.25(mm)
LCS 860-6027/3		05/01/2021 10:07	1	E12208746.D	DB-624 0.25(mm)
LCSD 860-6027/4		05/01/2021 10:26	1	E12208747.D	DB-624 0.25(mm)
ZZZZZ		05/01/2021 10:49	1		DB-624 0.25(mm)
MB 860-6027/9		05/01/2021 12:05	1	E12208752.D	DB-624 0.25(mm)
ZZZZZ		05/01/2021 12:24	1		DB-624 0.25(mm)
ZZZZZ		05/01/2021 12:43	1		DB-624 0.25(mm)
ZZZZZ		05/01/2021 13:02	1		DB-624 0.25(mm)
860-2789-2	Artesia-Outlet-042821	05/01/2021 13:27	1	E12208756.D	DB-624 0.25(mm)
860-2789-3	Artesia-MID-042821	05/01/2021 13:46	1	E12208757.D	DB-624 0.25(mm)
860-2789-4	Artesia-Inlet-042821	05/01/2021 14:05	1	E12208758.D	DB-624 0.25(mm)
860-2789-5	Artesia-MW30-042821	05/01/2021 14:24	1	E12208759.D	DB-624 0.25(mm)
860-2789-6	Artesia-MD30-042821	05/01/2021 14:43	1	E12208760.D	DB-624 0.25(mm)
860-2789-7	Artesia-MW37-042821	05/01/2021 15:02	1	E12208761.D	DB-624 0.25(mm)
860-2789-8	Artesia-MW38-042821	05/01/2021 15:21	1	E12208762.D	DB-624 0.25(mm)
860-2789-9	Artesia-MW17C-042821	05/01/2021 15:40	1	E12208763.D	DB-624 0.25(mm)
860-2789-10	Artesia-MW22-042821	05/01/2021 15:59	1	E12208764.D	DB-624 0.25(mm)
860-2789-11	Artesia-MW25-042821	05/01/2021 16:18	1	E12208765.D	DB-624 0.25(mm)
860-2789-12	Artesia-MW28-042821	05/01/2021 16:37	1	E12208766.D	DB-624 0.25(mm)
860-2789-13	Artesia-MW29-042821	05/01/2021 16:56	1	E12208767.D	DB-624 0.25(mm)
860-2789-14	Artesia-MW31-042821	05/01/2021 17:15	1	E12208768.D	DB-624 0.25(mm)
860-2789-15	Artesia-MW32-042821	05/01/2021 17:34	1	E12208769.D	DB-624 0.25(mm)
860-2789-16	Artesia-MW34-042821	05/01/2021 17:53	1	E12208770.D	DB-624 0.25(mm)
860-2789-17	Artesia-MW35-042821	05/01/2021 18:12	1	E12208771.D	DB-624 0.25(mm)
ZZZZZ		05/01/2021 18:31	200		DB-624 0.25(mm)

8260C

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Instrument ID: A322 Start Date: 04/27/2021 09:24

Analysis Batch Number: 5288 End Date: 04/27/2021 16:22

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 860-5288/1		04/27/2021 09:24	1	A3224203.D	DB-624 0.25(mm)
IC 860-5288/2		04/27/2021 09:51	1	A3224204.D	DB-624 0.25(mm)
IC 860-5288/3		04/27/2021 10:10	1	A3224205.D	DB-624 0.25(mm)
IC 860-5288/4		04/27/2021 10:30	1	A3224206.D	DB-624 0.25(mm)
IC 860-5288/5		04/27/2021 10:50	1	A3224207.D	DB-624 0.25(mm)
ICIS 860-5288/6		04/27/2021 11:10	1	A3224208.D	DB-624 0.25(mm)
IC 860-5288/7		04/27/2021 11:29	1	A3224209.D	DB-624 0.25(mm)
IC 860-5288/8		04/27/2021 11:49	1	A3224210.D	DB-624 0.25(mm)
ICV 860-5288/11		04/27/2021 12:48	1	A3224213.D	DB-624 0.25(mm)
ZZZZZ		04/27/2021 12:48	1		DB-624 0.25(mm)
ZZZZZ		04/27/2021 13:08	1		DB-624 0.25(mm)
ZZZZZ		04/27/2021 13:45	1		DB-624 0.25(mm)
ZZZZZ		04/27/2021 15:03	1		DB-624 0.25(mm)
ZZZZZ		04/27/2021 15:23	1		DB-624 0.25(mm)
ZZZZZ		04/27/2021 15:42	1		DB-624 0.25(mm)
ZZZZZ		04/27/2021 16:02	50		DB-624 0.25(mm)
ZZZZZ		04/27/2021 16:22	50		DB-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Instrument ID: A322 Start Date: 05/01/2021 08:20

Analysis Batch Number: 6026 End Date: 05/01/2021 19:30

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 860-6026/1		05/01/2021 08:20	1	A3224441.D	DB-624 0.25(mm)
CCVIS 860-6026/2		05/01/2021 09:11	1	A3224442.D	DB-624 0.25(mm)
LCS 860-6026/3		05/01/2021 09:50	1	A3224443.D	DB-624 0.25(mm)
LCSD 860-6026/4		05/01/2021 10:10	1	A3224444.D	DB-624 0.25(mm)
860-2789-21 MS	Artesia-MW36-042821 MS	05/01/2021 11:00	1	A3224445.D	DB-624 0.25(mm)
860-2789-21 MSD	Artesia-MW36-042821 MSD	05/01/2021 11:32	1	A3224446.D	DB-624 0.25(mm)
MB 860-6026/10		05/01/2021 12:52	1	A3224450.D	DB-624 0.25(mm)
860-2789-1	Artesia-TB01-042821	05/01/2021 13:12	1	A3224451.D	DB-624 0.25(mm)
ZZZZZ		05/01/2021 13:31	1		DB-624 0.25(mm)
ZZZZZ		05/01/2021 13:51	1		DB-624 0.25(mm)
860-2789-21	Artesia-MW36-042821	05/01/2021 14:11	1	A3224454.D	DB-624 0.25(mm)
ZZZZZ		05/01/2021 14:31	1		DB-624 0.25(mm)
ZZZZZ		05/01/2021 14:51	1		DB-624 0.25(mm)
ZZZZZ		05/01/2021 15:11	1		DB-624 0.25(mm)
ZZZZZ		05/01/2021 15:31	1		DB-624 0.25(mm)
ZZZZZ		05/01/2021 15:51	1		DB-624 0.25(mm)
ZZZZZ		05/01/2021 16:11	1		DB-624 0.25(mm)
ZZZZZ		05/01/2021 16:31	1		DB-624 0.25(mm)
ZZZZZ		05/01/2021 16:51	1		DB-624 0.25(mm)
ZZZZZ		05/01/2021 17:11	1		DB-624 0.25(mm)
ZZZZZ		05/01/2021 17:31	1		DB-624 0.25(mm)
ZZZZZ		05/01/2021 17:51	1		DB-624 0.25(mm)
860-2789-18	Artesia-MW12-042821	05/01/2021 18:11	1	A3224466.D	DB-624 0.25(mm)
ZZZZZ		05/01/2021 18:31	20		DB-624 0.25(mm)
ZZZZZ		05/01/2021 18:50	100		DB-624 0.25(mm)
ZZZZZ		05/01/2021 19:10	20		DB-624 0.25(mm)
ZZZZZ		05/01/2021 19:30	20		DB-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Instrument ID: A322 Start Date: 05/01/2021 20:49

Analysis Batch Number: 6039 End Date: 05/02/2021 06:23

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 860-6039/1		05/01/2021 20:49	1	A3224474.D	DB-624 0.25(mm)
CCVIS 860-6039/2		05/01/2021 21:09	1	A3224475.D	DB-624 0.25(mm)
LCS 860-6039/3		05/01/2021 21:29	1	A3224476.D	DB-624 0.25(mm)
LCSD 860-6039/4		05/01/2021 21:48	1	A3224477.D	DB-624 0.25(mm)
ZZZZZ		05/01/2021 22:08	1		DB-624 0.25(mm)
ZZZZZ		05/01/2021 22:28	1		DB-624 0.25(mm)
MB 860-6039/10		05/01/2021 23:47	1	A3224483.D	DB-624 0.25(mm)
ZZZZZ		05/02/2021 00:07	1		DB-624 0.25(mm)
ZZZZZ		05/02/2021 00:27	1		DB-624 0.25(mm)
860-2789-19	Artesia-MW11-042821	05/02/2021 00:47	1	A3224486.D	DB-624 0.25(mm)
860-2789-20	Artesia-MD11-042821	05/02/2021 01:06	1	A3224487.D	DB-624 0.25(mm)
ZZZZZ		05/02/2021 01:26	1		DB-624 0.25(mm)
ZZZZZ		05/02/2021 01:46	1		DB-624 0.25(mm)
ZZZZZ		05/02/2021 02:06	1		DB-624 0.25(mm)
ZZZZZ		05/02/2021 02:26	1		DB-624 0.25(mm)
ZZZZZ		05/02/2021 02:45	1		DB-624 0.25(mm)
ZZZZZ		05/02/2021 03:05	1		DB-624 0.25(mm)
ZZZZZ		05/02/2021 03:25	1		DB-624 0.25(mm)
ZZZZZ		05/02/2021 03:45	20		DB-624 0.25(mm)
ZZZZZ		05/02/2021 04:04	20		DB-624 0.25(mm)
ZZZZZ		05/02/2021 04:24	1		DB-624 0.25(mm)
ZZZZZ		05/02/2021 04:44	1		DB-624 0.25(mm)
ZZZZZ		05/02/2021 05:03	1		DB-624 0.25(mm)
ZZZZZ		05/02/2021 05:23	1		DB-624 0.25(mm)
ZZZZZ		05/02/2021 05:43	1		DB-624 0.25(mm)
ZZZZZ		05/02/2021 06:03	1		DB-624 0.25(mm)
ZZZZZ		05/02/2021 06:23	1		DB-624 0.25(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Batch Number: 5288 Batch Start Date: 04/27/21 09:24 Batch Analyst: Shen, Wei

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	VM8260ISSS50 00001	VM8260LCS 00005	VM8260LCSGAS 00004	VM8260STD 00015
BFB 860-5288/1		8260C		5 mL	5 mL	5 uL			
IC 860-5288/2		8260C		5 mL	5 mL	5 uL			0.8 uL
IC 860-5288/3		8260C		5 mL	5 mL	5 uL			4 uL
IC 860-5288/4		8260C		5 mL	5 mL	5 uL			8 uL
IC 860-5288/5		8260C		5 mL	5 mL	5 uL			20 uL
ICIS 860-5288/6		8260C		5 mL	5 mL	5 uL			40 uL
IC 860-5288/7		8260C		5 mL	5 mL	5 uL			80 uL
IC 860-5288/8		8260C		5 mL	5 mL	5 uL			120 uL
ICV 860-5288/11		8260C		5 mL	5 mL	5 uL	40 uL	40 uL	

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Batch Number: 5780 Batch Start Date: 04/29/21 19:21 Batch Analyst: Alves, Nathalie

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	VM8260ISSS50 00001	VM8260LCS 00005	VM8260LCSGAS 00004	VM8260STD 00016
BFB 860-5780/1		8260C		5 mL	5 mL	5 uL			
IC 860-5780/2		8260C		5 mL	5 mL	5 uL			0.8 uL
IC 860-5780/3		8260C		5 mL	5 mL	5 uL			4 uL
IC 860-5780/4		8260C		5 mL	5 mL	5 uL			8 uL
IC 860-5780/5		8260C		5 mL	5 mL	5 uL			20 uL
ICIS 860-5780/6		8260C		5 mL	5 mL	5 uL			40 uL
IC 860-5780/7		8260C		5 mL	5 mL	5 uL			80 uL
IC 860-5780/8		8260C		5 mL	5 mL	5 uL			120 uL
ICV 860-5780/9		8260C		5 mL	5 mL	5 uL	40 uL	40 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	VMAPPIILCS 00004	VMAppIISTD 00004	VMIsoLCS 00001	VMIsoSTD 00002		
BFB 860-5780/1		8260C							
IC 860-5780/2		8260C			0.8 uL		0.8 uL		
IC 860-5780/3		8260C			4 uL		4 uL		
IC 860-5780/4		8260C			8 uL		8 uL		
IC 860-5780/5		8260C			20 uL		20 uL		
ICIS 860-5780/6		8260C			40 uL		40 uL		
IC 860-5780/7		8260C			80 uL		80 uL		
IC 860-5780/8		8260C			120 uL		120 uL		
ICV 860-5780/9		8260C		40 uL		40 uL			

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Batch Number: 6026 Batch Start Date: 05/01/21 08:20 Batch Analyst: Somsaeng, Thanyaluck 1

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	VM8260ISSS50 00001	VM8260LCS 00005	VM8260LCSGAS 00004
BFB 860-6026/1		8260C		5 mL	5 mL		5 uL		
CCVIS 860-6026/2		8260C		5 mL	5 mL		5 uL		
LCS 860-6026/3		8260C		5 mL	5 mL		5 uL	40 uL	40 uL
LCSD 860-6026/4		8260C		5 mL	5 mL		5 uL	40 uL	40 uL
860-2789-B-21 MS	Artesia-MW36-042821	8260C	T	5 mL	5 mL		5 uL	40 uL	40 uL
860-2789-B-21 MSD	Artesia-MW36-042821	8260C	T	5 mL	5 mL		5 uL	40 uL	40 uL
MB 860-6026/10		8260C		5 mL	5 mL		5 uL		
860-2789-B-1	Artesia-TB01-042821	8260C	T	5 mL	5 mL		5 uL		
860-2789-C-21	Artesia-MW36-042821	8260C	T	5 mL	5 mL	2 SU	5 uL		
860-2789-C-18	Artesia-MW12-042821	8260C	T	5 mL	5 mL	2 SU	5 uL		

Lab Sample ID	Client Sample ID	Method Chain	Basis	VM8260STD 00015					
BFB 860-6026/1		8260C							
CCVIS 860-6026/2		8260C		40 uL					
LCS 860-6026/3		8260C							
LCSD 860-6026/4		8260C							
860-2789-B-21 MS	Artesia-MW36-042821	8260C	T						
860-2789-B-21 MSD	Artesia-MW36-042821	8260C	T						
MB 860-6026/10		8260C							
860-2789-B-1	Artesia-TB01-042821	8260C	T						
860-2789-C-21	Artesia-MW36-042821	8260C	T						
860-2789-C-18	Artesia-MW12-042821	8260C	T						

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Batch Number: 6026 Batch Start Date: 05/01/21 08:20 Batch Analyst: Somsaeng, Thanyaluck 1

Batch Method: 8260C Batch End Date:

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Batch Number: 6027 Batch Start Date: 05/01/21 08:15 Batch Analyst: Suporn, Arisa 1

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	VM8260ISSS50 00001	VM8260LCS 00005	VM8260LCSGAS 00004
BFB 860-6027/1		8260C		5 mL	5 mL		5 uL		
CCVIS 860-6027/2		8260C		5 mL	5 mL		5 uL		
LCS 860-6027/3		8260C		5 mL	5 mL		5 uL	40 uL	40 uL
LCSD 860-6027/4		8260C		5 mL	5 mL		5 uL	40 uL	40 uL
MB 860-6027/9		8260C		5 mL	5 mL		5 uL		
860-2789-B-2	Artesia-Outlet-042821	8260C	T	5 mL	5 mL	2 SU	5 uL		
860-2789-B-3	Artesia-MID-042821	8260C	T	5 mL	5 mL	2 SU	5 uL		
860-2789-B-4	Artesia-Inlet-042821	8260C	T	5 mL	5 mL	2 SU	5 uL		
860-2789-B-5	Artesia-MW30-042821	8260C	T	5 mL	5 mL	2 SU	5 uL		
860-2789-B-6	Artesia-MD30-042821	8260C	T	5 mL	5 mL	2 SU	5 uL		
860-2789-C-7	Artesia-MW37-042821	8260C	T	5 mL	5 mL	2 SU	5 uL		
860-2789-C-8	Artesia-MW38-042821	8260C	T	5 mL	5 mL	2 SU	5 uL		
860-2789-C-9	Artesia-MW17C-042821	8260C	T	5 mL	5 mL	2 SU	5 uL		
860-2789-B-10	Artesia-MW22-042821	8260C	T	5 mL	5 mL	2 SU	5 uL		
860-2789-B-11	Artesia-MW25-042821	8260C	T	5 mL	5 mL	2 SU	5 uL		
860-2789-B-12	Artesia-MW28-042821	8260C	T	5 mL	5 mL	2 SU	5 uL		
860-2789-B-13	Artesia-MW29-042821	8260C	T	5 mL	5 mL	2 SU	5 uL		
860-2789-B-14	Artesia-MW31-042821	8260C	T	5 mL	5 mL	2 SU	5 uL		
860-2789-B-15	Artesia-MW32-042821	8260C	T	5 mL	5 mL	2 SU	5 uL		
860-2789-B-16	Artesia-MW34-042821	8260C	T	5 mL	5 mL	2 SU	5 uL		
860-2789-B-17	Artesia-MW35-042821	8260C	T	5 mL	5 mL	2 SU	5 uL		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Batch Number: 6027 Batch Start Date: 05/01/21 08:15 Batch Analyst: Suporn, Arisa 1

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	VM8260STD 00016	VMAPPIILCS 00004	VMAppIISTD 00004			
BFB 860-6027/1		8260C							
CCVIS 860-6027/2		8260C		40 uL		40 uL			
LCS 860-6027/3		8260C			40 uL				
LCSD 860-6027/4		8260C			40 uL				
MB 860-6027/9		8260C							
860-2789-B-2	Artesia-Outlet-042821	8260C	T						
860-2789-B-3	Artesia-MID-042821	8260C	T						
860-2789-B-4	Artesia-Inlet-042821	8260C	T						
860-2789-B-5	Artesia-MW30-042821	8260C	T						
860-2789-B-6	Artesia-MD30-042821	8260C	T						
860-2789-C-7	Artesia-MW37-042821	8260C	T						
860-2789-C-8	Artesia-MW38-042821	8260C	T						
860-2789-C-9	Artesia-MW17C-042821	8260C	T						
860-2789-B-10	Artesia-MW22-042821	8260C	T						
860-2789-B-11	Artesia-MW25-042821	8260C	T						
860-2789-B-12	Artesia-MW28-042821	8260C	T						
860-2789-B-13	Artesia-MW29-042821	8260C	T						
860-2789-B-14	Artesia-MW31-042821	8260C	T						
860-2789-B-15	Artesia-MW32-042821	8260C	T						
860-2789-B-16	Artesia-MW34-042821	8260C	T						
860-2789-B-17	Artesia-MW35-042821	8260C	T						

Batch Notes	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Batch Number: 6027 Batch Start Date: 05/01/21 08:15 Batch Analyst: Suporn, Arisa 1

Batch Method: 8260C Batch End Date:

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Batch Number: 6039 Batch Start Date: 05/01/21 20:49 Batch Analyst: Suporn, Arisa 1

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	VM8260ISSS50 00001	VM8260LCS 00005	VM8260LCSGAS 00004
BFB 860-6039/1		8260C		5 mL	5 mL		5 uL		
CCVIS 860-6039/2		8260C		5 mL	5 mL		5 uL		
LCS 860-6039/3		8260C		5 mL	5 mL		5 uL	40 uL	40 uL
LCSD 860-6039/4		8260C		5 mL	5 mL		5 uL	40 uL	40 uL
MB 860-6039/10		8260C		5 mL	5 mL		5 uL		
860-2789-C-19	Artesia-MW11-042821	8260C	T	5 mL	5 mL	2 SU	5 uL		
860-2789-C-20	Artesia-MD11-042821	8260C	T	5 mL	5 mL	2 SU	5 uL		

Lab Sample ID	Client Sample ID	Method Chain	Basis	VM8260STD 00015					
BFB 860-6039/1		8260C							
CCVIS 860-6039/2		8260C		40 uL					
LCS 860-6039/3		8260C							
LCSD 860-6039/4		8260C							
MB 860-6039/10		8260C							
860-2789-C-19	Artesia-MW11-042821	8260C	T						
860-2789-C-20	Artesia-MD11-042821	8260C	T						

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Method 300.0

Anions (IC) by Method 300.0

Released to Imaging: 6/14/2022 10:51:35 AM

FORM III
HPLC/IC LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 30_Apr_2021 09_12.d

Lab ID: LCS 860-5842/4 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC	QC LIMITS REC	#
Sulfate	10.0	10.09	101	90-110	

Column to be used to flag recovery and RPD values

FORM III 300.0

FORM III
HPLC/IC LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 30_Apr_2021 16_57.d

Lab ID: LCS 860-5842/42 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC	QC LIMITS REC	#
Sulfate	10.0	10.14	101	90-110	

Column to be used to flag recovery and RPD values

FORM III 300.0

FORM III
HPLC/IC LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 30_Apr_2021 09_24.d

Lab ID: LCSD 860-5842/5 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Sulfate	10.0	10.11	101	0	20	90-110	

Column to be used to flag recovery and RPD values

FORM III 300.0

FORM III
HPLC/IC LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 30_Apr_2021 17_10.d

Lab ID: LCSD 860-5842/43 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Sulfate	10.0	10.11	101	0	20	90-110	

Column to be used to flag recovery and RPD values

FORM III 300.0

FORM IV
HPLC/IC METHOD BLANK SUMMARY

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Lab File ID: 30_Apr_2021 09_00.d Lab Sample ID: MB 860-5842/3

Matrix: Water Date Extracted:

Instrument ID: A166 Date Analyzed: 04/30/2021 09:00

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 860-5842/4	30_Apr_2021 09_12.d	04/30/2021 09:12
	LCSD 860-5842/5	30_Apr_2021 09_24.d	04/30/2021 09:24
Artesia-MW38-042821	860-2789-8	30_Apr_2021 12_50.d	04/30/2021 12:50
Artesia-MW37-042821	860-2789-7	30_Apr_2021 13_27.d	04/30/2021 13:27
Artesia-MW36-042821	860-2789-21	30_Apr_2021 14_28.d	04/30/2021 14:28
Artesia-MW17C-042821	860-2789-9	30_Apr_2021 15_29.d	04/30/2021 15:29
Artesia-MW12-042821	860-2789-18	30_Apr_2021 15_41.d	04/30/2021 15:41
Artesia-MW11-042821	860-2789-19	30_Apr_2021 15_53.d	04/30/2021 15:53
Artesia-MD11-042821	860-2789-20	30_Apr_2021 16_05.d	04/30/2021 16:05

FORM IV
HPLC/IC METHOD BLANK SUMMARY

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Lab File ID: 30_Apr_2021 16_45.d Lab Sample ID: MB 860-5842/41

Matrix: Water Date Extracted:

Instrument ID: A166 Date Analyzed: 04/30/2021 16:45

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 860-5842/42	30_Apr_2021 16_57.d	04/30/2021 16:57
	LCSD 860-5842/43	30_Apr_2021 17_10.d	04/30/2021 17:10

FORM IV 300.0

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Client Sample ID: Artesia-MW37-042821 Lab Sample ID: 860-2789-7

Matrix: Water Lab File ID: 30_Apr_2021 13_27.d

Analysis Method: 300.0 Date Collected: 04/28/2021 10:25

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 04/30/2021 13:27

Con. Extract Vol.: Dilution Factor: 20

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 5842 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	2680		10.0	2.18

FORM I 300.0

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Client Sample ID: Artesia-MW38-042821 Lab Sample ID: 860-2789-8

Matrix: Water Lab File ID: 30_Apr_2021 12_50.d

Analysis Method: 300.0 Date Collected: 04/28/2021 11:20

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 04/30/2021 12:50

Con. Extract Vol.: Dilution Factor: 10

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 5842 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	2410		5.00	1.09

FORM I 300.0

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Client Sample ID: Artesia-MW17C-042821 Lab Sample ID: 860-2789-9

Matrix: Water Lab File ID: 30_Apr_2021 15_29.d

Analysis Method: 300.0 Date Collected: 04/28/2021 12:15

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 04/30/2021 15:29

Con. Extract Vol.: Dilution Factor: 20

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 5842 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	2280		10.0	2.18

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Client Sample ID: Artesia-MW12-042821 Lab Sample ID: 860-2789-18

Matrix: Water Lab File ID: 30_Apr_2021 15_41.d

Analysis Method: 300.0 Date Collected: 04/28/2021 13:10

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 04/30/2021 15:41

Con. Extract Vol.: Dilution Factor: 20

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 5842 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	2520		10.0	2.18

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Client Sample ID: Artesia-MW11-042821 Lab Sample ID: 860-2789-19

Matrix: Water Lab File ID: 30_Apr_2021 15_53.d

Analysis Method: 300.0 Date Collected: 04/28/2021 14:15

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 04/30/2021 15:53

Con. Extract Vol.: Dilution Factor: 20

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 5842 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	2930		10.0	2.18

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Client Sample ID: Artesia-MD11-042821 Lab Sample ID: 860-2789-20

Matrix: Water Lab File ID: 30_Apr_2021 16_05.d

Analysis Method: 300.0 Date Collected: 04/28/2021 14:20

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 04/30/2021 16:05

Con. Extract Vol.: Dilution Factor: 20

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 5842 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	3010		10.0	2.18

FORM I 300.0

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Client Sample ID: Artesia-MW36-042821 Lab Sample ID: 860-2789-21

Matrix: Water Lab File ID: 30_Apr_2021 14_28.d

Analysis Method: 300.0 Date Collected: 04/28/2021 14:15

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 04/30/2021 14:28

Con. Extract Vol.: Dilution Factor: 20

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 5842 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	2220		10.0	2.18

FORM VI
HPLC/IC BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RETENTION TIME SUMMARY

Lab Name: Eurofins Stafford Job No.: 860-2789-1 Analy Batch No.: 5018

SDG No.:

Instrument ID: A166 GC Column: AS-18 ID: 0.004(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/24/2021 12:48 Calibration End Date: 04/24/2021 15:16 Calibration ID: 653

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-5018/1	24_Apr_2021 12_48.d
Level 2	IC 860-5018/2	24_Apr_2021 13_00.d
Level 3	IC 860-5018/3	24_Apr_2021 13_51.d
Level 4	IC 860-5018/4	24_Apr_2021 14_04.d
Level 5	IC 860-5018/5	24_Apr_2021 14_16.d
Level 6	ICRT 860-5018/6	24_Apr_2021 14_28.d
Level 7	IC 860-5018/7	24_Apr_2021 14_40.d
Level 8	IC 860-5018/8	24_Apr_2021 14_52.d
Level 9	IC 860-5018/9	24_Apr_2021 15_04.d
Level 10	IC 860-5018/10	24_Apr_2021 15_16.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6	LVL 7	LVL 8	LVL 9	LVL 10	RT WINDOW	AVG RT
Fluoride	3.070	3.070	3.067	3.067	3.073	3.080	3.090				2.830 - 3.330	3.074
Chloride	+++++	+++++	4.243	4.244	4.240	4.240	4.237	4.220	4.193	4.163	3.990 - 4.490	4.223
Sulfate	+++++	+++++	5.857	5.847	5.840	5.827	5.810	5.700	5.563		5.577 - 6.077	5.778
Bromide	7.014	7.013	7.010	7.007	6.997	6.980	6.953				6.734 - 7.234	6.996

FORM VI
HPLC/IC BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Stafford Job No.: 860-2789-1 Analy Batch No.: 5018

SDG No.:

Instrument ID: A166 GC Column: AS-18 ID: 0.004(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/24/2021 12:48 Calibration End Date: 04/24/2021 15:16 Calibration ID: 653

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-5018/1	24_Apr_2021 12_48.d
Level 2	IC 860-5018/2	24_Apr_2021 13_00.d
Level 3	IC 860-5018/3	24_Apr_2021 13_51.d
Level 4	IC 860-5018/4	24_Apr_2021 14_04.d
Level 5	IC 860-5018/5	24_Apr_2021 14_16.d
Level 6	ICRT 860-5018/6	24_Apr_2021 14_28.d
Level 7	IC 860-5018/7	24_Apr_2021 14_40.d
Level 8	IC 860-5018/8	24_Apr_2021 14_52.d
Level 9	IC 860-5018/9	24_Apr_2021 15_04.d
Level 10	IC 860-5018/10	24_Apr_2021 15_16.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5 LVL 9	LVL 2 LVL 6 LVL 10	LVL 3 LVL 7	LVL 4 LVL 8		B	M1	M2								
Fluoride	30908410 29412970	27875520 27940193	27672024 25583303	29077998	Lin1	599926.201	26780253.2							0.9970		0.9950
Chloride	+++++ 17578029 17251948	+++++ 17470801 17055233	17483474 17415668	17884842 17575261	Lin1	675431.367	17180219.4							1.0000		0.9950
Sulfate	+++++ 13338729 12779271	+++++ 13551541	12630302 13727477	16092199 13120620	Lin1	1413054.98	12926660.2							1.0000		0.9950
Bromide	7700990 7746652	7345995 7745229	7353686 7731726	7648964	Lin1	-48286.568	7737042.99							1.0000		0.9950

Note: The M1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
HPLC/IC BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Stafford Job No.: 860-2789-1 Analy Batch No.: 5018

SDG No.:

Instrument ID: A166 GC Column: AS-18 ID: 0.004(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/24/2021 12:48 Calibration End Date: 04/24/2021 15:16 Calibration ID: 653

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-5018/1	24_Apr_2021 12_48.d
Level 2	IC 860-5018/2	24_Apr_2021 13_00.d
Level 3	IC 860-5018/3	24_Apr_2021 13_51.d
Level 4	IC 860-5018/4	24_Apr_2021 14_04.d
Level 5	IC 860-5018/5	24_Apr_2021 14_16.d
Level 6	ICRT 860-5018/6	24_Apr_2021 14_28.d
Level 7	IC 860-5018/7	24_Apr_2021 14_40.d
Level 8	IC 860-5018/8	24_Apr_2021 14_52.d
Level 9	IC 860-5018/9	24_Apr_2021 15_04.d
Level 10	IC 860-5018/10	24_Apr_2021 15_16.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
		LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10
Fluoride	Lin1	3090841 279401927	5575104 511666069	13836012	29077998	147064850	0.100 10.0	0.200 20.0	0.500	1.00	5.00
Chloride	Lin1	+++++ 174708013	+++++ 348313354	8741737 175752614 0	17884842 431298693 0	87890146 852761674 6	+++++ 10.0	+++++ 20.0	0.500 100	1.00 250	5.00 500
Sulfate	Lin1	+++++ 135515410	+++++ 274549536	6315151 131206198 7	16092199 319481763 6	66693647	+++++ 10.0	+++++ 20.0	0.500 100	1.00 250	5.00
Bromide	Lin1	770099 77452294	1469199 154634516	3676843	7648964	38733261	0.100 10.0	0.200 20.0	0.500	1.00	5.00

Curve Type Legend
Lin1 = Linear 1/conc

Calibration / Fluoride

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ESTD
Response Base:	AREA
RF Rounding:	0

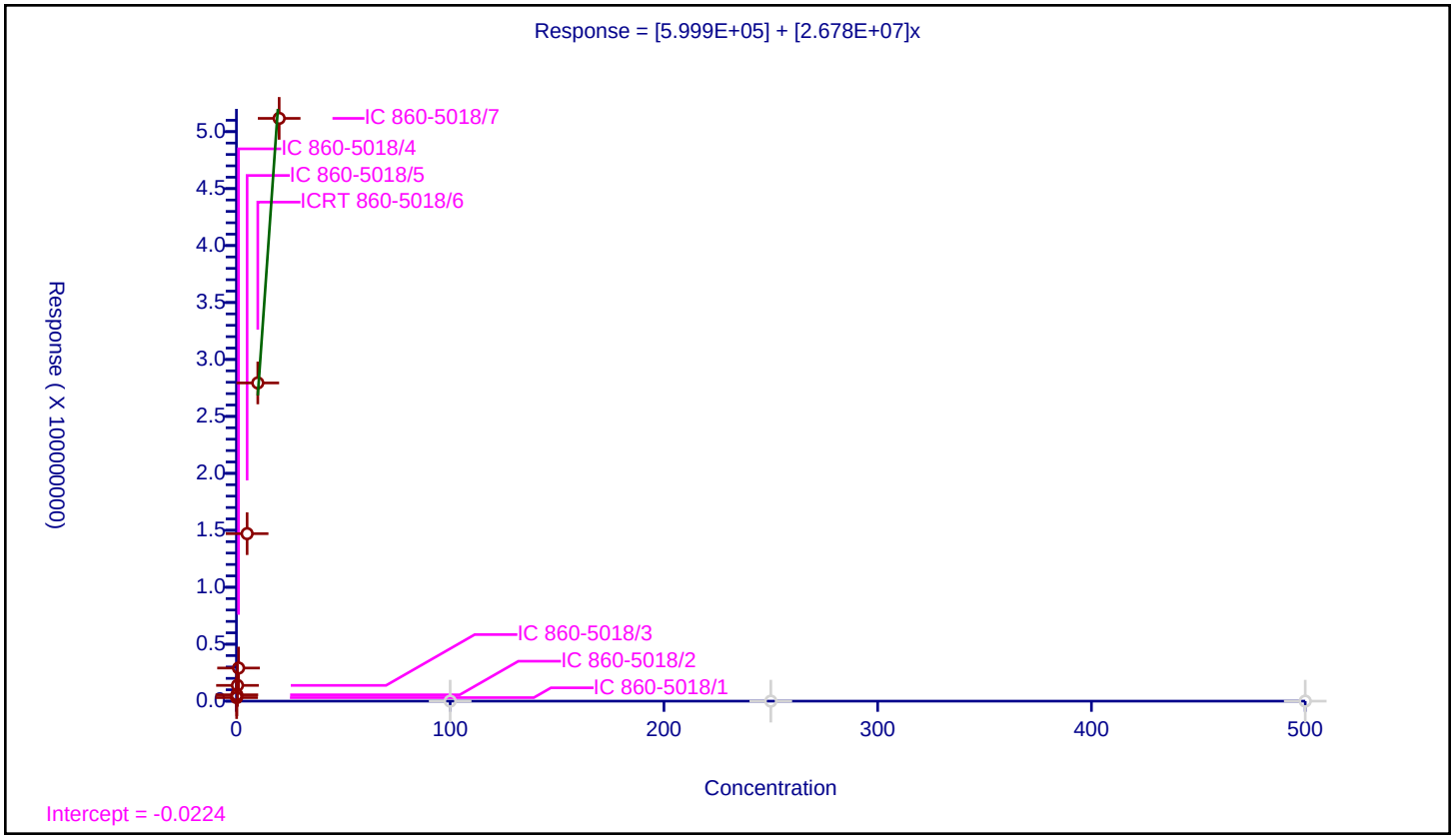
Curve Coefficients

Intercept:	5.999E+05
Slope:	2.678E+07

Error Coefficients

Standard Error:	13300000
Relative Standard Error:	7.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	IC 860-5018/1	0.1	3090841.0			30908410.0	Y
2	IC 860-5018/2	0.2	5575104.0			27875520.0	Y
3	IC 860-5018/3	0.5	13836012.0			27672024.0	Y
4	IC 860-5018/4	1.0	29077998.0			29077998.0	Y
5	IC 860-5018/5	5.0	147064850.0			29412970.0	Y
6	ICRT 860-5018/6	10.0	279401927.0			27940192.7	Y
7	IC 860-5018/7	20.0	511666069.0			25583303.45	Y
8	IC 860-5018/8	100.0	0.0			0.0	N
9	IC 860-5018/9	250.0	0.0			0.0	N
10	IC 860-5018/10	500.0	0.0			0.0	N



Calibration / Chloride

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ESTD
Response Base:	AREA
RF Rounding:	0

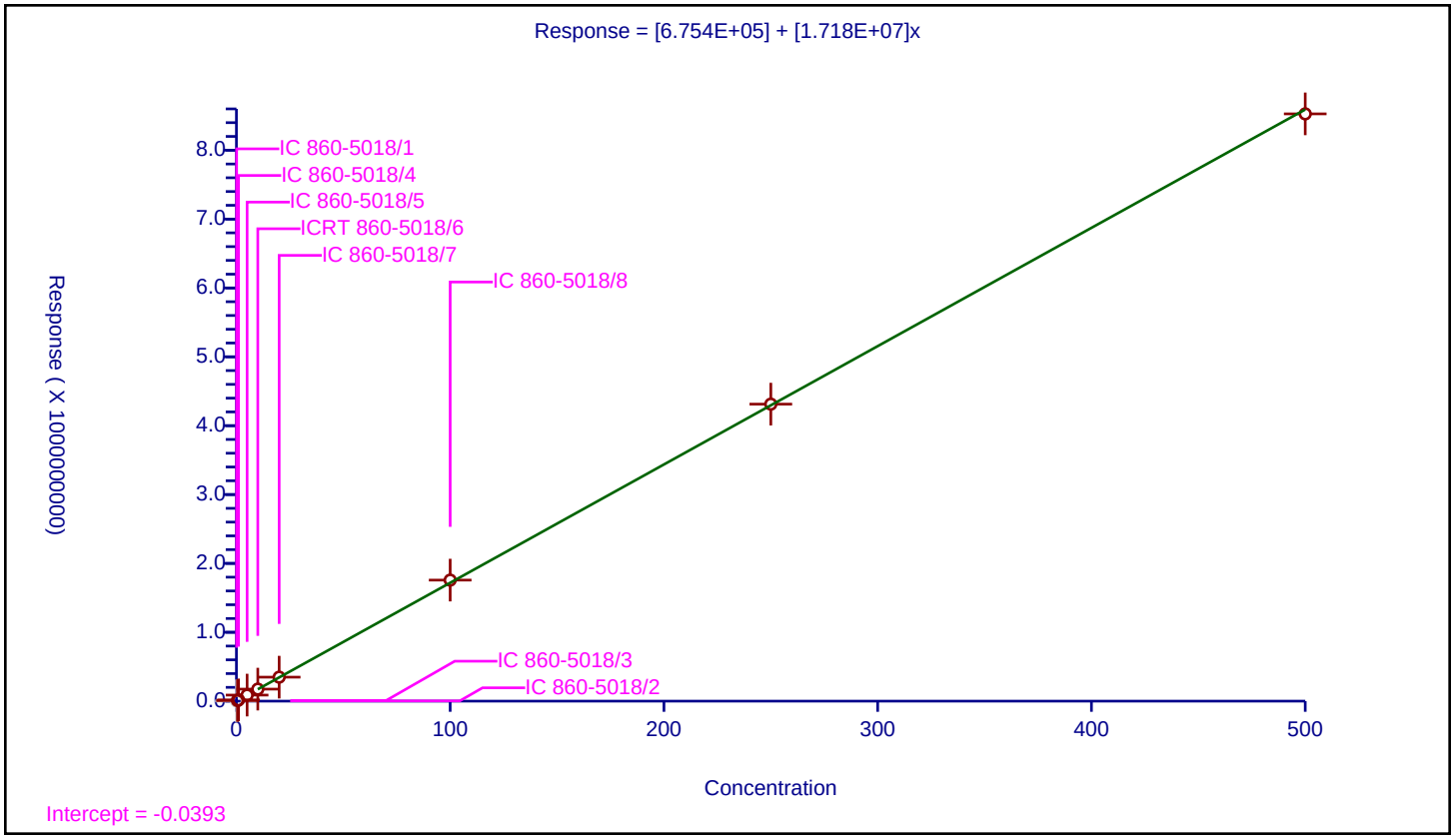
Curve Coefficients

Intercept:	6.754E+05
Slope:	1.718E+07

Error Coefficients

Standard Error:	31100000
Relative Standard Error:	2.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	IC 860-5018/1	0.1	2450066.0			24500660.0	N
2	IC 860-5018/2	0.2	3812778.0			19063890.0	N
3	IC 860-5018/3	0.5	8741737.0			17483474.0	Y
4	IC 860-5018/4	1.0	17884842.0			17884842.0	Y
5	IC 860-5018/5	5.0	87890146.0			17578029.2	Y
6	ICRT 860-5018/6	10.0	174708013.0			17470801.3	Y
7	IC 860-5018/7	20.0	348313354.0			17415667.7	Y
8	IC 860-5018/8	100.0	1757526140.0			17575261.4	Y
9	IC 860-5018/9	250.0	4312986930.0			17251947.72	Y
10	IC 860-5018/10	500.0	8527616746.0			17055233.492	Y



Calibration / Sulfate

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ESTD
Response Base:	AREA
RF Rounding:	0

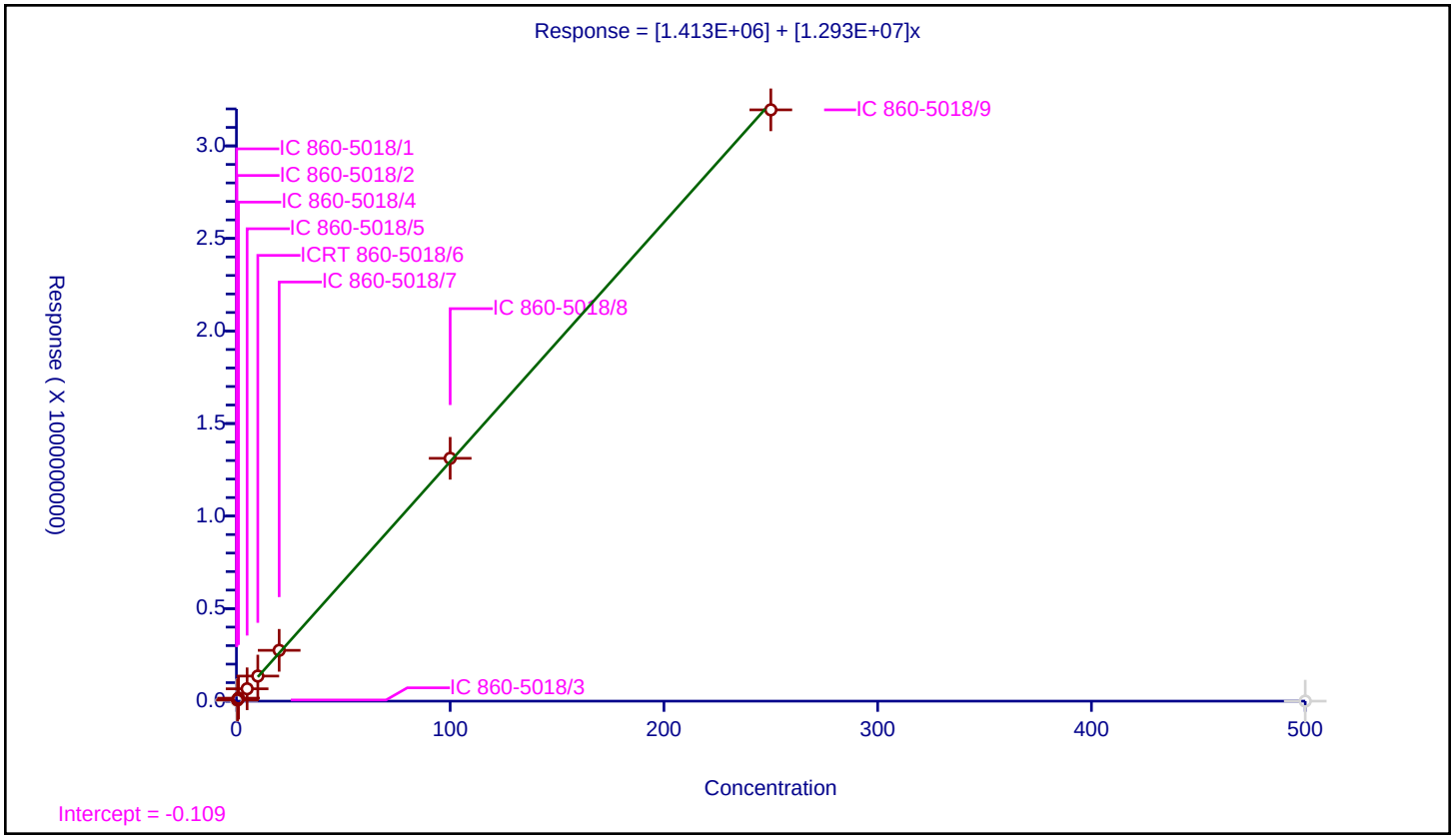
Curve Coefficients

Intercept:	1.413E+06
Slope:	1.293E+07

Error Coefficients

Standard Error:	20100000
Relative Standard Error:	12.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	IC 860-5018/1	0.1	4189032.0			41890320.0	N
2	IC 860-5018/2	0.2	7108827.0			35544135.0	N
3	IC 860-5018/3	0.5	6315151.0			12630302.0	Y
4	IC 860-5018/4	1.0	16092199.0			16092199.0	Y
5	IC 860-5018/5	5.0	66693647.0			13338729.4	Y
6	ICRT 860-5018/6	10.0	135515410.0			13551541.0	Y
7	IC 860-5018/7	20.0	274549536.0			13727476.8	Y
8	IC 860-5018/8	100.0	1312061987.0			13120619.87	Y
9	IC 860-5018/9	250.0	3194817636.0			12779270.544	Y
10	IC 860-5018/10	500.0	0.0			0.0	N



Calibration / Bromide

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ESTD
Response Base:	AREA
RF Rounding:	0

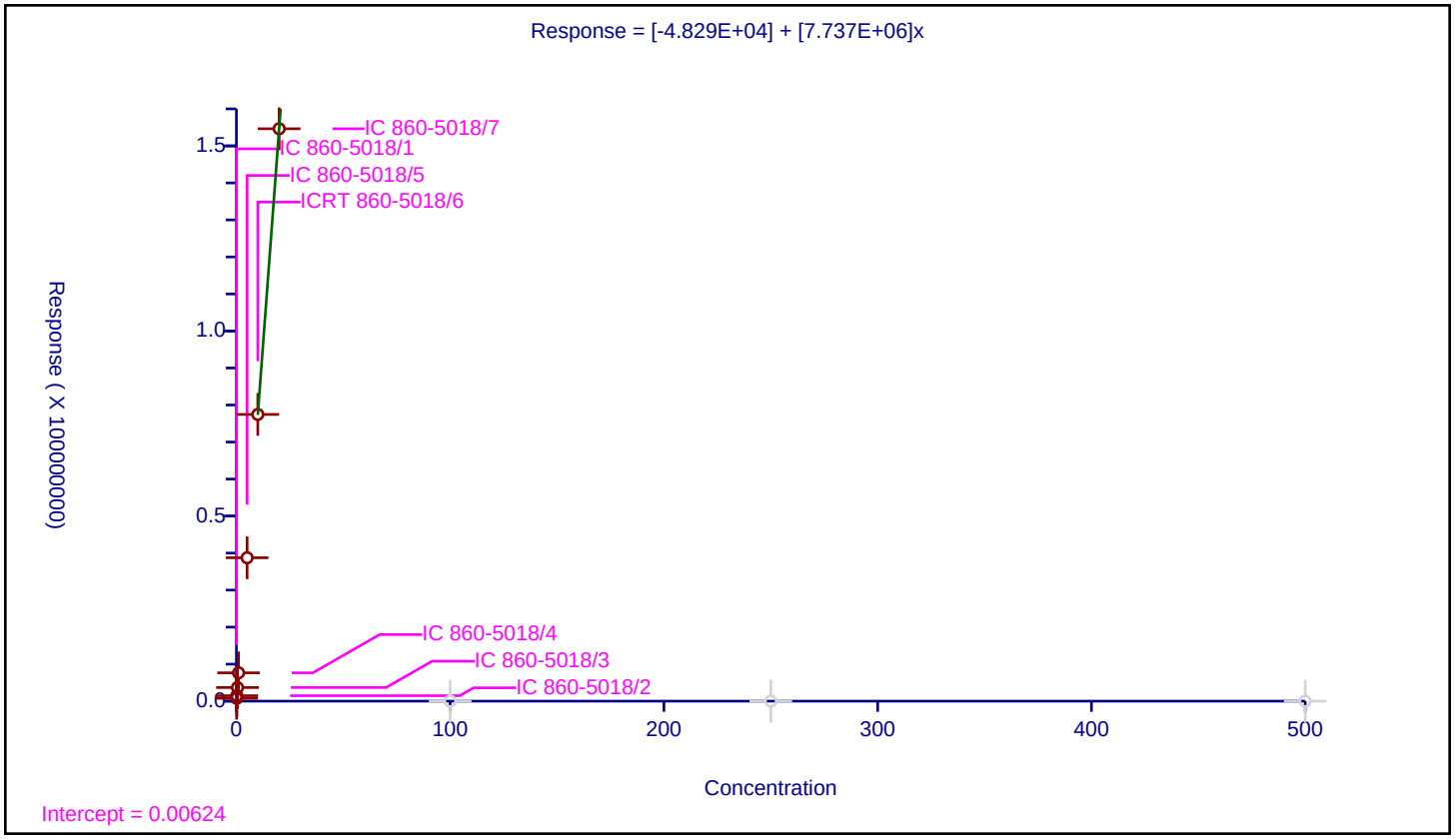
Curve Coefficients

Intercept:	-4.829E+04
Slope:	7.737E+06

Error Coefficients

Standard Error:	105000
Relative Standard Error:	3.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	IC 860-5018/1	0.1	770099.0			7700990.0	Y
2	IC 860-5018/2	0.2	1469199.0			7345995.0	Y
3	IC 860-5018/3	0.5	3676843.0			7353686.0	Y
4	IC 860-5018/4	1.0	7648964.0			7648964.0	Y
5	IC 860-5018/5	5.0	38733261.0			7746652.2	Y
6	ICRT 860-5018/6	10.0	77452294.0			7745229.4	Y
7	IC 860-5018/7	20.0	154634516.0			7731725.8	Y
8	IC 860-5018/8	100.0	0.0			0.0	N
9	IC 860-5018/9	250.0	0.0			0.0	N
10	IC 860-5018/10	500.0	0.0			0.0	N



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Lab Sample ID: ICV 860-5018/11 Calibration Date: 04/24/2021 15:29

Instrument ID: A166 Calib Start Date: 04/24/2021 12:48

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 04/24/2021 15:16

Lab File ID: 24_Apr_2021 15_29.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluoride	Lin1		28679789		10.7	10.0	6.9	10.0
Chloride	Lin1		18274420		10.6	10.0	6.0	10.0
Sulfate	Lin1		13108764		10.0	10.0	0.3	10.0
Bromide	Lin1		8046731		10.4	10.0	4.1	10.0

FORM VII 300.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Lab Sample ID: ICV 860-5018/11 Calibration Date: 04/24/2021 15:29

Instrument ID: A166 Calib Start Date: 04/24/2021 12:48

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 04/24/2021 15:16

Lab File ID: 24_Apr_2021 15_29.d

Analyte	RT	RT WINDOW	
		FROM	TO
Fluoride	3.08	2.83	3.33
Chloride	4.24	3.99	4.49
Sulfate	5.83	5.58	6.08
Bromide	6.98	6.73	7.23

Form VII 300.0

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Lab Sample ID: CCVRT 860-5842/1 Calibration Date: 04/30/2021 08:35

Instrument ID: A166 Calib Start Date: 04/24/2021 12:48

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 04/24/2021 15:16

Lab File ID: 30_Apr_2021 08_35.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluoride	Lin1		27832656		10.4	10.0	3.7	10.0
Chloride	Lin1		17987581		10.4	10.0	4.3	10.0
Sulfate	Lin1		12983043		9.93	10.0	-0.7	10.0
Bromide	Lin1		7873562		10.2	10.0	1.8	10.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Lab Sample ID: CCVRT 860-5842/1 Calibration Date: 04/30/2021 08:35

Instrument ID: A166 Calib Start Date: 04/24/2021 12:48

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 04/24/2021 15:16

Lab File ID: 30_Apr_2021 08_35.d

Analyte	RT	RT WINDOW	
		FROM	TO
Fluoride	3.08	2.83	3.33
Chloride	4.22	3.97	4.47
Sulfate	5.76	5.51	6.01
Bromide	6.92	6.67	7.17

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Lab Sample ID: CCV 860-5842/13 Calibration Date: 04/30/2021 11:01

Instrument ID: A166 Calib Start Date: 04/24/2021 12:48

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 04/24/2021 15:16

Lab File ID: 30_Apr_2021 11_01.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluoride	Lin1		27794268		10.4	10.0	3.6	10.0
Chloride	Lin1		18021532		10.5	10.0	4.5	10.0
Sulfate	Lin1		13064569		10.00	10.0	-0.0	10.0
Bromide	Lin1		7896906		10.2	10.0	2.1	10.0

FORM VII 300.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Lab Sample ID: CCV 860-5842/13 Calibration Date: 04/30/2021 11:01

Instrument ID: A166 Calib Start Date: 04/24/2021 12:48

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 04/24/2021 15:16

Lab File ID: 30_Apr_2021 11_01.d

Analyte	RT	RT WINDOW	
		FROM	TO
Fluoride	3.07	2.83	3.33
Chloride	4.22	3.97	4.47
Sulfate	5.76	5.51	6.01
Bromide	6.92	6.67	7.17

Form VII 300.0

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Lab Sample ID: CCV 860-5842/20 Calibration Date: 04/30/2021 13:39

Instrument ID: A166 Calib Start Date: 04/24/2021 12:48

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 04/24/2021 15:16

Lab File ID: 30_Apr_2021 13_39.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluoride	Lin1		27834665		10.4	10.0	3.7	10.0
Chloride	Lin1		18036175		10.5	10.0	4.6	10.0
Sulfate	Lin1		13193805		10.1	10.0	1.0	10.0
Bromide	Lin1		7871929		10.2	10.0	1.8	10.0

FORM VII 300.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Lab Sample ID: CCV 860-5842/20 Calibration Date: 04/30/2021 13:39

Instrument ID: A166 Calib Start Date: 04/24/2021 12:48

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 04/24/2021 15:16

Lab File ID: 30_Apr_2021 13_39.d

Analyte	RT	RT WINDOW	
		FROM	TO
Fluoride	3.08	2.83	3.33
Chloride	4.22	3.97	4.47
Sulfate	5.73	5.51	6.01
Bromide	6.92	6.67	7.17

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Lab Sample ID: CCV 860-5842/34 Calibration Date: 04/30/2021 16:17

Instrument ID: A166 Calib Start Date: 04/24/2021 12:48

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 04/24/2021 15:16

Lab File ID: 30_Apr_2021 16_17.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluoride	Lin1		27752114		10.3	10.0	3.4	10.0
Chloride	Lin1		18028779		10.5	10.0	4.5	10.0
Sulfate	Lin1		13151992		10.1	10.0	0.7	10.0
Bromide	Lin1		7856744		10.2	10.0	1.6	10.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Lab Sample ID: CCV 860-5842/34 Calibration Date: 04/30/2021 16:17

Instrument ID: A166 Calib Start Date: 04/24/2021 12:48

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 04/24/2021 15:16

Lab File ID: 30_Apr_2021 16_17.d

Analyte	RT	RT WINDOW	
		FROM	TO
Fluoride	3.08	2.83	3.33
Chloride	4.22	3.97	4.47
Sulfate	5.73	5.51	6.01
Bromide	6.92	6.67	7.17

Form VII 300.0

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Lab Sample ID: CCV 860-5842/51 Calibration Date: 04/30/2021 18:47

Instrument ID: A166 Calib Start Date: 04/24/2021 12:48

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 04/24/2021 15:16

Lab File ID: 30_Apr_2021 18_47.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluoride	Lin1		27533747		10.3	10.0	2.6	10.0
Chloride	Lin1		17880037		10.4	10.0	3.7	10.0
Sulfate	Lin1		12910805		9.88	10.0	-1.2	10.0
Bromide	Lin1		7835752		10.1	10.0	1.3	10.0

FORM VII 300.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Lab Sample ID: CCV 860-5842/51 Calibration Date: 04/30/2021 18:47

Instrument ID: A166 Calib Start Date: 04/24/2021 12:48

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 04/24/2021 15:16

Lab File ID: 30_Apr_2021 18_47.d

Analyte	RT	RT WINDOW	
		FROM	TO
Fluoride	3.08	2.83	3.33
Chloride	4.22	3.97	4.47
Sulfate	5.77	5.51	6.01
Bromide	6.91	6.67	7.17

Form VII 300.0

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 860-5842/3

Matrix: Water Lab File ID: 30_Apr_2021 09_00.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 04/30/2021 09:00

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 5842 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	0.109	U	0.500	0.109

FORM I 300.0

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 860-5842/41

Matrix: Water Lab File ID: 30_Apr_2021 16_45.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 04/30/2021 16:45

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 5842 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	0.109	U	0.500	0.109

FORM I 300.0

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Client Sample ID: Lab Sample ID: CCB 860-5842/2

Matrix: Water Lab File ID: 30_Apr_2021 08_47.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 04/30/2021 08:47

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 5842 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	0.109	U	0.500	0.109

FORM I 300.0

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Client Sample ID: Lab Sample ID: CCB 860-5842/14

Matrix: Water Lab File ID: 30_Apr_2021 11_13.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 04/30/2021 11:13

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 5842 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	0.109	U	0.500	0.109

FORM I 300.0

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Client Sample ID: Lab Sample ID: CCB 860-5842/21

Matrix: Water Lab File ID: 30_Apr_2021 13_51.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 04/30/2021 13:51

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 5842 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	0.109	U	0.500	0.109

FORM I 300.0

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Client Sample ID: Lab Sample ID: CCB 860-5842/35

Matrix: Water Lab File ID: 30_Apr_2021 16_29.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 04/30/2021 16:29

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 5842 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	0.109	U	0.500	0.109

FORM I 300.0

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Client Sample ID: Lab Sample ID: CCB 860-5842/52

Matrix: Water Lab File ID: 30_Apr_2021 18_59.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 04/30/2021 18:59

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 5842 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	0.109	U	0.500	0.109

FORM I 300.0

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 860-5842/4

Matrix: Water Lab File ID: 30_Apr_2021 09_12.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 04/30/2021 09:12

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 5842 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	10.09		0.500	0.109

FORM I 300.0

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 860-5842/42

Matrix: Water Lab File ID: 30_Apr_2021 16_57.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 04/30/2021 16:57

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 5842 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	10.14		0.500	0.109

FORM I 300.0

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 860-5842/5

Matrix: Water Lab File ID: 30_Apr_2021 09_24.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 04/30/2021 09:24

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 5842 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	10.11		0.500	0.109

FORM I 300.0

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 860-5842/43

Matrix: Water Lab File ID: 30_Apr_2021 17_10.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 04/30/2021 17:10

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 5842 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	10.11		0.500	0.109

FORM I 300.0

HPLC/IC ANALYSIS RUN LOG

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Instrument ID: A166 Start Date: 04/24/2021 12:48

Analysis Batch Number: 5018 End Date: 04/24/2021 16:42

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
IC 860-5018/1		04/24/2021 12:48	1	24_Apr_2021 12_48.d	AS-18 0.004(mm)
IC 860-5018/2		04/24/2021 13:00	1	24_Apr_2021 13_00.d	AS-18 0.004(mm)
IC 860-5018/3		04/24/2021 13:51	1	24_Apr_2021 13_51.d	AS-18 0.004(mm)
IC 860-5018/4		04/24/2021 14:04	1	24_Apr_2021 14_04.d	AS-18 0.004(mm)
IC 860-5018/5		04/24/2021 14:16	1	24_Apr_2021 14_16.d	AS-18 0.004(mm)
ICRT 860-5018/6		04/24/2021 14:28	1	24_Apr_2021 14_28.d	AS-18 0.004(mm)
IC 860-5018/7		04/24/2021 14:40	1	24_Apr_2021 14_40.d	AS-18 0.004(mm)
IC 860-5018/8		04/24/2021 14:52	1	24_Apr_2021 14_52.d	AS-18 0.004(mm)
IC 860-5018/9		04/24/2021 15:04	1	24_Apr_2021 15_04.d	AS-18 0.004(mm)
IC 860-5018/10		04/24/2021 15:16	1	24_Apr_2021 15_16.d	AS-18 0.004(mm)
ICV 860-5018/11		04/24/2021 15:29	1	24_Apr_2021 15_29.d	AS-18 0.004(mm)
CCB 860-5018/12		04/24/2021 16:05	1		AS-18 0.004(mm)
ZZZZZ		04/24/2021 16:18	1		AS-18 0.004(mm)
ZZZZZ		04/24/2021 16:30	1		AS-18 0.004(mm)
ZZZZZ		04/24/2021 16:42	1		AS-18 0.004(mm)

300.0

HPLC/IC ANALYSIS RUN LOG

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Instrument ID: A166 Start Date: 04/30/2021 08:35

Analysis Batch Number: 5842 End Date: 04/30/2021 22:13

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVRT 860-5842/1		04/30/2021 08:35	1	30_Apr_2021 08_35.d	AS-18 0.004(mm)
CCB 860-5842/2		04/30/2021 08:47	1	30_Apr_2021 08_47.d	AS-18 0.004(mm)
MB 860-5842/3		04/30/2021 09:00	1	30_Apr_2021 09_00.d	AS-18 0.004(mm)
LCS 860-5842/4		04/30/2021 09:12	1	30_Apr_2021 09_12.d	AS-18 0.004(mm)
LCSD 860-5842/5		04/30/2021 09:24	1	30_Apr_2021 09_24.d	AS-18 0.004(mm)
ZZZZZ		04/30/2021 09:36	1		AS-18 0.004(mm)
ZZZZZ		04/30/2021 09:48	1		AS-18 0.004(mm)
ZZZZZ		04/30/2021 10:00	1		AS-18 0.004(mm)
ZZZZZ		04/30/2021 10:12	1		AS-18 0.004(mm)
ZZZZZ		04/30/2021 10:24	1		AS-18 0.004(mm)
ZZZZZ		04/30/2021 10:37	1		AS-18 0.004(mm)
ZZZZZ		04/30/2021 10:49	1		AS-18 0.004(mm)
CCV 860-5842/13		04/30/2021 11:01	1	30_Apr_2021 11_01.d	AS-18 0.004(mm)
CCB 860-5842/14		04/30/2021 11:13	1	30_Apr_2021 11_13.d	AS-18 0.004(mm)
ZZZZZ		04/30/2021 11:25	1		AS-18 0.004(mm)
ZZZZZ		04/30/2021 11:37	1		AS-18 0.004(mm)
ZZZZZ		04/30/2021 11:49	1		AS-18 0.004(mm)
ZZZZZ		04/30/2021 12:02	1		AS-18 0.004(mm)
ZZZZZ		04/30/2021 12:14	1		AS-18 0.004(mm)
ZZZZZ		04/30/2021 12:26	10		AS-18 0.004(mm)
ZZZZZ		04/30/2021 12:38	10		AS-18 0.004(mm)
860-2789-8	Artesia-MW38-042821	04/30/2021 12:50	10	30_Apr_2021 12_50.d	AS-18 0.004(mm)
ZZZZZ		04/30/2021 13:02	10		AS-18 0.004(mm)
ZZZZZ		04/30/2021 13:15	10		AS-18 0.004(mm)
860-2789-7	Artesia-MW37-042821	04/30/2021 13:27	20	30_Apr_2021 13_27.d	AS-18 0.004(mm)
CCV 860-5842/20		04/30/2021 13:39	1	30_Apr_2021 13_39.d	AS-18 0.004(mm)
CCB 860-5842/21		04/30/2021 13:51	1	30_Apr_2021 13_51.d	AS-18 0.004(mm)
ZZZZZ		04/30/2021 14:03	10		AS-18 0.004(mm)
ZZZZZ		04/30/2021 14:15	10		AS-18 0.004(mm)
860-2789-21	Artesia-MW36-042821	04/30/2021 14:28	20	30_Apr_2021 14_28.d	AS-18 0.004(mm)
ZZZZZ		04/30/2021 14:40	10		AS-18 0.004(mm)
ZZZZZ		04/30/2021 14:52	100		AS-18 0.004(mm)
ZZZZZ		04/30/2021 15:04	100		AS-18 0.004(mm)
ZZZZZ		04/30/2021 15:16	100		AS-18 0.004(mm)
860-2789-9	Artesia-MW17C-042821	04/30/2021 15:29	20	30_Apr_2021 15_29.d	AS-18 0.004(mm)
860-2789-18	Artesia-MW12-042821	04/30/2021 15:41	20	30_Apr_2021 15_41.d	AS-18 0.004(mm)
860-2789-19	Artesia-MW11-042821	04/30/2021 15:53	20	30_Apr_2021 15_53.d	AS-18 0.004(mm)
860-2789-20	Artesia-MD11-042821	04/30/2021 16:05	20	30_Apr_2021 16_05.d	AS-18 0.004(mm)

300.0

HPLC/IC ANALYSIS RUN LOG

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Instrument ID: A166 Start Date: 04/30/2021 08:35

Analysis Batch Number: 5842 End Date: 04/30/2021 22:13

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 860-5842/34		04/30/2021 16:17	1	30_Apr_2021 16_17.d	AS-18 0.004(mm)
CCB 860-5842/35		04/30/2021 16:29	1	30_Apr_2021 16_29.d	AS-18 0.004(mm)
MB 860-5842/41		04/30/2021 16:45	1	30_Apr_2021 16_45.d	AS-18 0.004(mm)
LCS 860-5842/42		04/30/2021 16:57	1	30_Apr_2021 16_57.d	AS-18 0.004(mm)
LCSD 860-5842/43		04/30/2021 17:10	1	30_Apr_2021 17_10.d	AS-18 0.004(mm)
ZZZZZ		04/30/2021 17:22	1		AS-18 0.004(mm)
ZZZZZ		04/30/2021 17:34	10		AS-18 0.004(mm)
ZZZZZ		04/30/2021 17:46	20		AS-18 0.004(mm)
ZZZZZ		04/30/2021 17:58	20		AS-18 0.004(mm)
ZZZZZ		04/30/2021 18:10	20		AS-18 0.004(mm)
ZZZZZ		04/30/2021 18:22	100		AS-18 0.004(mm)
ZZZZZ		04/30/2021 18:35	200		AS-18 0.004(mm)
CCV 860-5842/51		04/30/2021 18:47	1	30_Apr_2021 18_47.d	AS-18 0.004(mm)
CCB 860-5842/52		04/30/2021 18:59	1	30_Apr_2021 18_59.d	AS-18 0.004(mm)
ZZZZZ		04/30/2021 19:11	1		AS-18 0.004(mm)
ZZZZZ		04/30/2021 19:23	10		AS-18 0.004(mm)
ZZZZZ		04/30/2021 19:35	1		AS-18 0.004(mm)
ZZZZZ		04/30/2021 19:47	10		AS-18 0.004(mm)
ZZZZZ		04/30/2021 20:00	1		AS-18 0.004(mm)
ZZZZZ		04/30/2021 20:12	10		AS-18 0.004(mm)
ZZZZZ		04/30/2021 20:24	1		AS-18 0.004(mm)
ZZZZZ		04/30/2021 20:36	10		AS-18 0.004(mm)
ZZZZZ		04/30/2021 20:48	1		AS-18 0.004(mm)
ZZZZZ		04/30/2021 21:00	10		AS-18 0.004(mm)
CCV 860-5842/63		04/30/2021 21:12	1		AS-18 0.004(mm)
CCB 860-5842/64		04/30/2021 21:25	1		AS-18 0.004(mm)
ZZZZZ		04/30/2021 21:37	1		AS-18 0.004(mm)
ZZZZZ		04/30/2021 21:49	10		AS-18 0.004(mm)
CCV 860-5842/67		04/30/2021 22:01	1		AS-18 0.004(mm)
CCB 860-5842/68		04/30/2021 22:13	1		AS-18 0.004(mm)

300.0

HPLC/IC BATCH WORKSHEET

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Batch Number: 5842 Batch Start Date: 04/30/21 08:35 Batch Analyst: Nampitak, Wanida 1

Batch Method: 300.0 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	WC-IC-P1 00001	WC-IC-P2 00001	WC-IC-S1 00003	WC-IC-S2 00002	
CCVRT 860-5842/1		300.0		0 mL			1 mL	1 mL	
CCB 860-5842/2		300.0		0 mL					
MB 860-5842/3		300.0		0 mL					
LCS 860-5842/4		300.0		0 mL	1 mL	1 mL			
LCSD 860-5842/5		300.0		0 mL	1 mL	1 mL			
CCV 860-5842/13		300.0		0 mL			1 mL	1 mL	
CCB 860-5842/14		300.0		0 mL					
CCV 860-5842/20		300.0		0 mL			1 mL	1 mL	
CCB 860-5842/21		300.0		0 mL					
860-2789-A-8	Artesia-MW38-042821	300.0	T	0 mL					
860-2789-A-21	Artesia-MW36-042821	300.0	T	0 mL					
CCV 860-5842/34		300.0		0 mL			1 mL	1 mL	
CCB 860-5842/35		300.0		0 mL					
860-2789-A-7	Artesia-MW37-042821	300.0	T	0 mL					
860-2789-A-9	Artesia-MW17C-042821	300.0	T	0 mL					
860-2789-A-18	Artesia-MW12-042821	300.0	T	0 mL					
860-2789-A-19	Artesia-MW11-042821	300.0	T	0 mL					
860-2789-A-20	Artesia-MD11-042821	300.0	T	0 mL					
MB 860-5842/41		300.0		0 mL					
LCS 860-5842/42		300.0		0 mL	1 mL	1 mL			
LCSD 860-5842/43		300.0		0 mL	1 mL	1 mL			
CCV 860-5842/51		300.0		0 mL			1 mL	1 mL	
CCB 860-5842/52		300.0		0 mL					

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

HPLC/IC BATCH WORKSHEET

Lab Name: Eurofins Stafford Job No.: 860-2789-1

SDG No.:

Batch Number: 5842 Batch Start Date: 04/30/21 08:35 Batch Analyst: Nampitak, Wanida 1

Batch Method: 300.0 Batch End Date:

Batch Notes	
Eluent 1 ID	41114
Filter ID	00307348 Part No. F2600-2
Pipette/Syringe/Dispenser ID	WC-40, WC43, WC46

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

Released to Imaging: 6/14/2022 10:51:35 AM

Released to Imaging: 6/14/2022 10:51:35 AM
Received by OCD: 3/25/2022 8:51:12 AM

Eurofins Xenco, Houston
4145 Greenbriar Dr
Stafford TX 77477

Chain of Custody Record

Temp 2.8 IR ID HOU-272
C/F +0 1
Corrected Temp 2.9

eurofins

Client Information	Sampler: M Booth	Lab PM: McDaniel Bethany A	Carrier Tracking No(s): 7911 4922 3545	COC No: 860-903-322 1
Client Contact: Aleeca Forsberg	Phone: 262-227-2781	E-Mail: Bethany McDaniel@Eurofinset com	State of Origin	Page: Page 1 of 2
Company: Jacobs Engineering Group Inc	PWSID			Job #
Address: 3721 Rutledge Rd NE Suite B-1	Due Date Requested			
City: Albuquerque	TAT Requested (days): Standard			
State Zip: NM 87109	Compliance Project: Δ Yes Δ No			
Phone	PO #: 148021462			
Email: aleeca forsberg@jacobs com	WO #: D3367411 C CS TPE AR 21-04-02			
Project Name: Dowell Artesia	Project #: 86000977			
Site	SSOW#:			

Analysis Requested

Preservation Codes

A	HCL	M	Hexane
B	NaOH	N	None
C	Zn Acetate	O	AsNaO2
D	Nitric Acid	P	Na2O4S
E	NaHSO4	Q	Na2SO3
F	MeOH	R	Na2S2O3
G	Amchlor	S	H2SO4
H	Ascorbic Acid	T	TSP Dodecahydrate
I	Ice	U	Acetone
J	DI Water	V	MCAA
K	EDTA	W	pH 4-5
L	EDA	Z	other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Sulfate	8260C - (MOD) Volatile Organic Compound Custom L	Total Number of containers	Special Instructions/Note
			Preservation Code:		X	X	N	A	X	
Artesia-TB01-042821	4/28/21	0700	G	Water	N	N		X	2	
Artesia-Outlet-042821	4/28/21	0835	G	Water	N	N		X	3	
Artesia-MID-042821	4/28/21	0840	G	Water	N	N		X	3	
Artesia-Inlet-042821	4/28/21	0845	G	Water	N	N		X	3	
Artesia-MW30-042821	4/28/21	0900	G	Water	N	N		X	3	
Artesia-MD30-042821	4/28/21	0905	G	Water	N	N		X	3	
Artesia-MW37-042821	4/28/21	1025	G	Water	N	N	X	X	4	
Artesia-MW38-042821	4/28/21	1120	G	Water	N	N	X	X	4	
Artesia-MW17C-042821	4/28/21	1215	G	Water	N	N	X	X	4	
Artesia-MW22-042821	4/28/21	1135	G	Water	N	N		X	3	
Artesia-MW25-042821	4/28/21	1215	G	Water	N	N		X	3	

860-2789 Chain of Custody

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I II III IV Other (specify) See TO

Special Instructions/QC Requirements.

Empty Kit Relinquished by	Date	Time	Method of Shipment

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1		4/28/21 1600	Jacobs			
2	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
					4/29/21 1030	EX
3	Relinquished by	Date/Time	Company	Received by	Date/Time	Company

Custody Seals Intact Δ Yes Δ No | Custody Seal No

Cooler Temperature(s) °C and Other Remarks

Ver 01/16/2019

Released to Imaging: 6/14/2022 10:51:35 AM
Received by OCD: 3/25/2022 8:51:12 AM

Eurofins Xenco, Houston
4145 Greenbriar Dr
Stafford TX 77477

Chain of Custody Record

eurofins

Client Information	Sampler: M Booth	Lab PM: McDaniel Bethany A	Carrier Tracking No(s): 7911 4822 3545	COC No: 860-903-322 1
Client Contact: Aleeca Forsberg	Phone: 262-227 2781	E-Mail: Bethany McDaniel@Eurofinset com	State of Origin	Page: Page 2 of 2
Company: Jacobs Engineering Group Inc	PWSID			Job #
Address: 3721 Rutledge Rd NE Suite B-1	Due Date Requested			
City: Albuquerque	TAT Requested (days): Standard			
State, Zip: NM 87109	Compliance Project: Δ Yes Δ No			
Phone	PO #: 148021462			
Email: aleeca forsberg@jacobs.com	WO #: D3367411 C CS TPE AR 21-04-02			
Project Name: Dowell - Artesia	Project #: 86000977			
Site:	SSOW#:			

Analysis Requested

Preservation Codes

A	HCL	M	Hexane
B	NaOH	N	None
C	Zn Acetate	O	AsNaO2
D	Nitric Acid	P	Na2O4S
E	NaHSO4	Q	Na2SO3
F	MeOH	R	Na2S2O3
G	Amchlor	S	H2SO4
H	Ascorbic Acid	T	TSP Dodecahydrate
I	Ice	U	Acetone
J	DI Water	V	MCAA
K	EDTA	W	pH 4-5
L	EDA	Z	other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Sulfate	8260C - (MOD) Volatile Organic Compound Custom L	Total Number of containers	Special Instructions/Note
			Preservation Code:				N	A		
Artesia-MW28-042821	4/28/21	1005	G	Water	N	N		X	3	
Artesia-MW29-042821		0930	G	Water	N	N		X	3	
Artesia-MW31-042821		1120	G	Water	N	N		X	3	
Artesia-MW32-042821		1200	G	Water	N	N		X	3	
Artesia-MW34-042821		1030	G	Water	N	N		X	3	
Artesia-MW35-042821		0945	G	Water	N	N		X	3	Only PCE + 1,1-DCE
Artesia-MW12-042821		1310	G	Water	N	N	X	X	4	
Artesia-MW11-042821		1415	G	Water	N	N	X	X	4	Loc: 860 2789
Artesia-MD11-042821		1420	G	Water	N	N	X	X	4	
Artesia-MW36-042821		1415	G	Water	N	Y	X	X	10	
				Water						

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I II III IV Other (specify) See TO

Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
	4/28/21 1600	Jacobs			
Relinquished by	Date/Time:	Company	Received by	Date/Time: 4/29/21 1030	Company EX
Relinquished by	Date/Time:	Company	Received by	Date/Time	Company

Custody Seals Intact Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks

Ver 01/16/2019

Login Sample Receipt Checklist

Client: Jacobs Engineering Group, Inc. Job Number: 860-2789-1

Login Number: 2789 **List Source: Eurofins Stafford**
List Number: 1
Creator: Rubio, Yuri

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.9
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

Login Sample Receipt Checklist

Client: Jacobs Engineering Group, Inc. Job Number: 860-2789-1

Login Number: 2789 **List Source: Eurofins Stafford**
List Number: 2
Creator: Rubio, Yuri

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.9
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	Check done at department level as required.

Data Usability Review: Data Package					
Client Name:	**Dowell Artesia**		Project Number:		**D3367411 A.CS.EV.AR.21-05-03**
Project / Affected Property:	**2H2021 Groundwater**		Project Manager:		**Aleeca Forsberg/ABQ**
Laboratory:	**Eurofins-Stafford**		Lab SDG # / Job #:		**860-7296-1**
Reviewer:	**John Ynfante/HOU**				
Level of Review / Validation:	**Level 3**				
ITEM		**YES**	**NO**	**N/A**	**COMMENTS**
Laboratory Data Package Signature Page included?		☑	☐	☐	
Date of sample collection included?		☑	☐	☐	
Sample receipt temperature ≤ 6° C?		☑	☐	☐	2.2 deg C
Signed COCs included?		☑	☐	☐	
Field ID included?		☑	☐	☐	
Laboratory ID included?		☑	☐	☐	
Date of analysis included?		☑	☐	☐	
Date of sample preparation included?		☑	☐	☐	
Detection levels included?		☑	☐	☐	
Method reference included?		☑	☐	☐	
Sample matrix included?		☑	☐	☐	
Sample results included?		☑	☐	☐	
Case narrative included, where required?		☑	☐	☐	
Definitions: AA - Atomic Absorption; %D - Percent Difference, ICP - Inductively Coupled Plasma; IDL - Instrument Detection Limit; MDL - Method Detection Limit; MQL - Method Quantitation Limit; %R - Percent Recovery; RF - Response Factor; RPD - Relative Percent Difference; RRT - Relative Retention Time; RSD - Relative Standard Deviation.					
COMMENTS					
VOCs: No DV flags applied.					
Sulfate: No DV flags applied.					

Data Usability Review: VOCs (GC/MS), SW-846 8260B

Client Name:	**Dowell Artesia**	Project Number:	**D3367411 A.CS.EV.AR.21-05-03**
Project / Affected Property:	**2H2021 Groundwater**	Project Manager:	**Aleeca Forsberg/ABQ**
Laboratory:	**Eurofins-Stafford**	Lab SDG # / Job #:	**860-7296-1**
Reviewer:	**John Ynfante/HOU**		
Level of Review / Validation:	**Level 3**		

ITEM	YES	NO	N/A	COMMENTS
Preparatory/analytical holding time met?	☑	☐	☐	
Surrogate data included in lab package?	☑	☐	☐	
%R criteria met? (use limits listed below or specify lab limits). Reject %R <10%.	☑	☐	☐	
R5 Method blank data included in Lab Package?	☑	☐	☐	
Criteria met?	☐	☑	☐	
QC check samples/LCS data included in lab package?	☑	☐	☐	
%R criteria met? (specified limits)	☑	☐	☐	
Matrix spike data included in lab package?	☑	☐	☐	
%R criteria met? (laboratory specified limits)	☑	☐	☐	
RPD criteria met? (< 20% water, <50% soil)	☑	☐	☐	
Initial calibration documentation included in lab package?	☑	☐	☐	
RF criteria met for SPCC? RRF <0.05 rejected.	☑	☐	☐	
%RSD criteria met for CCC? (<30% RSD for CCC, >15% RSD must have fit)	☑	☐	☐	
Calibration verification data included in lab package?	☑	☐	☐	
RF criteria met for SPCC? RRF <0.05 rejected.	☑	☐	☐	
%D criteria met for CCC? (20% Max, Qualify >25%D)	☐	☑	☐	
Instrument Tune documentation included in lab package?	☑	☐	☐	
Instrument Tune Criteria met?	☑	☐	☐	
Internal standard data included in lab package?	☑	☐	☐	
Area within limits? (within -50% to +100% of last calibration check?	☑	☐	☐	
RRT within limits? (<30 sec. Difference from last calibration check?	☑	☐	☐	

Surrogates	Control Limits	Lab Limits?
1,2-Dichloroethane-d4	water 80-120%, soil 80-120%	
Dibromofluoromethane	water 86-118%, soil 80-120%	
Toluene-d8	water 88-110%, soil 81-117%	
4-Bromofluorobenzene	water 86-115%, soil 74-121%	

Notes:

* SPCC: chloromethane (0.1); 1,1-dichloroethane (0.1); bromoform (0.1); chlorobenzene (0.3); and 1,1,2,2-tetrachloroethane (0.3).

Definitions: AA - Atomic Absorption; %D - Percent Difference, ICP - Inductively Coupled Plasma; IDL - Instrument Detection Limit; MDL - Method Detection Limit; MQL - Method Quantitation Limit; %R - Percent Recovery; RF - Response Factor; RPD - Relative P

COMMENTS

TB: No target analytes detected in trip blank Artesia-TB01-070121.

FD: Precision between Artesia-MW37-070121 and its field duplicate Artesia-MD37-070121 are within acceptance criteria.

MB: Benzene detected at 0.0003057 J mg/L in method blank, but was not detected in associated samples so no flags were applied.

CC: 1,1-Dichloroethene (-20.3%) and Tetrachloroethene (-22.2%) exhibited %Ds outside criteria in a CCV but these analytes were not reported from this day's run so no data were qualified.

Data Usability Review: Sulfate EPA 300

Client Name:	**Dowell Artesia**	Project Number:	**D3367411 A.CS.EV.AR.21-05-03**
Project / Affected Property:	**2H2021 Groundwater**	Project Manager:	**Aleeca Forsberg/ABQ**
Laboratory:	**Eurofins-Stafford**	Lab SDG # / Job #:	**860-7296-1**
Reviewer:	**John Ynfante/HOU**		
Level of Review / Validation:	**Level 3**		

	ITEM	YES	NO	N/A	COMMENTS
	Preparatory/analytical holding time met?	☑	☐	☐	
	Method blank data included in Lab Package?	☑	☐	☐	
	Criteria met? (<MQL)	☑	☐	☐	
	QC check samples/LCS data included in lab package?	☑	☐	☐	
	%R criteria met?	☑	☐	☐	
	Matrix spike data included in lab package?	☑	☐	☐	
	%R criteria met? (AA/ICP 75-125%, Hg 85-115%)	☑	☐	☐	
	Sample duplicate data included in lab package?	☑	☐	☐	
	RPD criteria met? (RPD < 20%)	☑	☐	☐	
	Initial calibration documentation included in lab package?	☑	☐	☐	
	Calibration verification data included in lab package?	☑	☐	☐	
	%R criteria met? (Initial 90-110%)	☑	☐	☐	

Notes:

Definitions: AA - Atomic Absorption; %D - Percent Difference, ICP - Inductively Coupled Plasma; IDL - Instrument Detection Limit; MDL - Method Detection Limit; MQL - Method Quantitation Limit; %R - Percent Recovery; RF - Response Factor; RPD - Relative P

COMMENTS

FD: Precision between Artesia-MW37-070121 and its field duplicate Artesia-MD37-070121 are within acceptance criteria.

No DV flags applied

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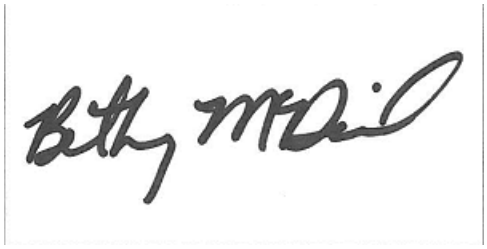
ANALYTICAL REPORT

Job Number: 860-7296-1

Job Description: Dowell - Artesia

For:
Jacobs Engineering Group, Inc.
3721 Rutledge Rd NE
Suite B-1
Albuquerque, NM 87109

Attention: Aleeca Forsberg



Approved for release.
Bethany A McDaniel
Senior Project Manager
7/19/2021 11:07 AM

Bethany A McDaniel, Senior Project Manager
4147 Greenbriar Dr, Stafford, TX, 77477
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07/19/2021

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Eurofins Xenco, Stafford
4147 Greenbriar Dr, Stafford, TX 77477
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Definitions/Glossary

Client: Jacobs Engineering Group, Inc.
Job ID: 860-7296-1
Project/Site: Dowell - Artesia

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
860-7296-1

Receipt
The samples were received on 7/3/2021 10:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.2°C

GC/MS VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Jacobs Engineering Group, Inc. Job ID: 860-7296-1
Project/Site: Dowell - Artesia

Client Sample ID: Artesia-TB01-070121 Lab Sample ID: 860-7296-1

No Detections.

Client Sample ID: Artesia-MW17C-070121 Lab Sample ID: 860-7296-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	2420		5.00	1.09	mg/L	10		300.0	Total/NA

Client Sample ID: Artesia-MW12-070121 Lab Sample ID: 860-7296-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.000719	J	0.00100	0.000216	mg/L	1		8260C	Total/NA
1,1-Dichloroethane	0.0252		0.00100	0.000244	mg/L	1		8260C	Total/NA
Sulfate	2720		10.0	2.18	mg/L	20		300.0	Total/NA

Client Sample ID: Artesia-MW38-070121 Lab Sample ID: 860-7296-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.00178		0.00100	0.000216	mg/L	1		8260C	Total/NA
Benzene	0.00115		0.00100	0.000214	mg/L	1		8260C	Total/NA
1,1-Dichloroethane	0.0879		0.00100	0.000244	mg/L	1		8260C	Total/NA
Tetrachloroethene	0.00349		0.00100	0.000500	mg/L	1		8260C	Total/NA
Sulfate	2840		10.0	2.18	mg/L	20		300.0	Total/NA

Client Sample ID: Artesia-MW11-070121 Lab Sample ID: 860-7296-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.00423		0.00100	0.000244	mg/L	1		8260C	Total/NA
Sulfate	3210		10.0	2.18	mg/L	20		300.0	Total/NA

Client Sample ID: Artesia-MW36-070121 Lab Sample ID: 860-7296-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.000756	J	0.00100	0.000214	mg/L	1		8260C	Total/NA
1,1-Dichloroethane	0.00903		0.00100	0.000244	mg/L	1		8260C	Total/NA
Tetrachloroethene	0.00482		0.00100	0.000500	mg/L	1		8260C	Total/NA
Sulfate	2270		5.00	1.09	mg/L	10		300.0	Total/NA

Client Sample ID: Artesia-MW37-070121 Lab Sample ID: 860-7296-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.00165		0.00100	0.000216	mg/L	1		8260C	Total/NA
Benzene	0.00103		0.00100	0.000214	mg/L	1		8260C	Total/NA
1,1-Dichloroethane	0.0147		0.00100	0.000244	mg/L	1		8260C	Total/NA
Tetrachloroethene	0.00334		0.00100	0.000500	mg/L	1		8260C	Total/NA
Sulfate	3100		10.0	2.18	mg/L	20		300.0	Total/NA

Client Sample ID: Artesia-MD37-070121 Lab Sample ID: 860-7296-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.00160		0.00100	0.000216	mg/L	1		8260C	Total/NA
Benzene	0.00118		0.00100	0.000214	mg/L	1		8260C	Total/NA
1,1-Dichloroethane	0.0186		0.00100	0.000244	mg/L	1		8260C	Total/NA
Tetrachloroethene	0.00276		0.00100	0.000500	mg/L	1		8260C	Total/NA
Sulfate	3110		10.0	2.18	mg/L	20		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Jacobs Engineering Group, Inc.
Job ID: 860-7296-1
Project/Site: Dowell - Artesia

Client Sample ID: Artesia-TB01-070121
Lab Sample ID: 860-7296-1
Date Collected: 07/01/21 11:00
Matrix: Water
Date Received: 07/03/21 10:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.000216	U	0.00100	0.000216	mg/L			07/12/21 03:15	1
Benzene	0.000214	U	0.00100	0.000214	mg/L			07/12/21 03:15	1
1,1-Dichloroethane	0.000244	U	0.00100	0.000244	mg/L			07/12/21 03:15	1
Tetrachloroethene	0.000500	U	0.00100	0.000500	mg/L			07/12/21 03:15	1
Naphthalene	0.00200	U	0.0100	0.00200	mg/L			07/12/21 03:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*74 - 124*		*07/12/21 03:15*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 131*		*07/12/21 03:15*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*63 - 144*		*07/12/21 03:15*	*1*
Toluene-d8 (Surr)	*100*		*80 - 117*		*07/12/21 03:15*	*1*

Client Sample ID: Artesia-MW17C-070121
Lab Sample ID: 860-7296-2
Date Collected: 07/01/21 12:10
Matrix: Water
Date Received: 07/03/21 10:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.000216	U	0.00100	0.000216	mg/L			07/09/21 19:37	1
Benzene	0.000214	U	0.00100	0.000214	mg/L			07/09/21 19:37	1
1,1-Dichloroethane	0.000244	U	0.00100	0.000244	mg/L			07/09/21 19:37	1
Tetrachloroethene	0.000500	U	0.00100	0.000500	mg/L			07/09/21 19:37	1
Naphthalene	0.00200	U	0.0100	0.00200	mg/L			07/10/21 16:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*74 - 124*		*07/09/21 19:37*	*1*
4-Bromofluorobenzene (Surr)	*103*		*74 - 124*		*07/10/21 16:10*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 131*		*07/09/21 19:37*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 131*		*07/10/21 16:10*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*63 - 144*		*07/09/21 19:37*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*63 - 144*		*07/10/21 16:10*	*1*
Toluene-d8 (Surr)	*101*		*80 - 117*		*07/09/21 19:37*	*1*
Toluene-d8 (Surr)	*101*		*80 - 117*		*07/10/21 16:10*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**2420**		5.00	1.09	mg/L			07/15/21 22:22	10

Client Sample ID: Artesia-MW12-070121
Lab Sample ID: 860-7296-3
Date Collected: 07/01/21 13:00
Matrix: Water
Date Received: 07/03/21 10:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	**0.000719**	**J**	0.00100	0.000216	mg/L			07/09/21 19:57	1
Benzene	0.000214	U	0.00100	0.000214	mg/L			07/09/21 19:57	1
1,1-Dichloroethane	**0.0252**		0.00100	0.000244	mg/L			07/09/21 19:57	1
Tetrachloroethene	0.000500	U	0.00100	0.000500	mg/L			07/09/21 19:57	1
Naphthalene	0.00200	U	0.0100	0.00200	mg/L			07/10/21 16:29	1

Client Sample Results

Client: Jacobs Engineering Group, Inc.
Job ID: 860-7296-1
Project/Site: Dowell - Artesia

Client Sample ID: Artesia-MW12-070121
Lab Sample ID: 860-7296-3
Date Collected: 07/01/21 13:00
Matrix: Water
Date Received: 07/03/21 10:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		74 - 124		07/09/21 19:57	1
4-Bromofluorobenzene (Surr)	100		74 - 124		07/10/21 16:29	1
Dibromofluoromethane (Surr)	90		75 - 131		07/09/21 19:57	1
Dibromofluoromethane (Surr)	98		75 - 131		07/10/21 16:29	1
1,2-Dichloroethane-d4 (Surr)	97		63 - 144		07/09/21 19:57	1
1,2-Dichloroethane-d4 (Surr)	103		63 - 144		07/10/21 16:29	1
Toluene-d8 (Surr)	102		80 - 117		07/09/21 19:57	1
Toluene-d8 (Surr)	100		80 - 117		07/10/21 16:29	1

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**2720**		10.0	2.18	mg/L			07/16/21 09:26	20

Client Sample ID: Artesia-MW38-070121
Lab Sample ID: 860-7296-4
Date Collected: 07/01/21 13:30
Matrix: Water
Date Received: 07/03/21 10:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	**0.00178**		0.00100	0.000216	mg/L			07/09/21 20:19	1
Benzene	**0.00115**		0.00100	0.000214	mg/L			07/09/21 20:19	1
1,1-Dichloroethane	**0.0879**		0.00100	0.000244	mg/L			07/09/21 20:19	1
Tetrachloroethene	**0.00349**		0.00100	0.000500	mg/L			07/09/21 20:19	1
Naphthalene	0.00200	U	0.0100	0.00200	mg/L			07/10/21 16:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		74 - 124		07/09/21 20:19	1
4-Bromofluorobenzene (Surr)	105		74 - 124		07/10/21 16:48	1
Dibromofluoromethane (Surr)	94		75 - 131		07/09/21 20:19	1
Dibromofluoromethane (Surr)	99		75 - 131		07/10/21 16:48	1
1,2-Dichloroethane-d4 (Surr)	95		63 - 144		07/09/21 20:19	1
1,2-Dichloroethane-d4 (Surr)	104		63 - 144		07/10/21 16:48	1
Toluene-d8 (Surr)	104		80 - 117		07/09/21 20:19	1
Toluene-d8 (Surr)	100		80 - 117		07/10/21 16:48	1

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**2840**		10.0	2.18	mg/L			07/16/21 09:38	20

Client Sample ID: Artesia-MW11-070121
Lab Sample ID: 860-7296-5
Date Collected: 07/01/21 14:20
Matrix: Water
Date Received: 07/03/21 10:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.000216	U	0.00100	0.000216	mg/L			07/12/21 03:34	1
Benzene	0.000214	U	0.00100	0.000214	mg/L			07/10/21 23:46	1
1,1-Dichloroethane	**0.00423**		0.00100	0.000244	mg/L			07/10/21 23:46	1
Tetrachloroethene	0.000500	U	0.00100	0.000500	mg/L			07/12/21 03:34	1
Naphthalene	0.00200	U	0.0100	0.00200	mg/L			07/10/21 23:46	1

Client Sample Results

Client: Jacobs Engineering Group, Inc.
Job ID: 860-7296-1
Project/Site: Dowell - Artesia

Client Sample ID: Artesia-MW11-070121
Lab Sample ID: 860-7296-5
Date Collected: 07/01/21 14:20
Matrix: Water
Date Received: 07/03/21 10:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		74 - 124		07/10/21 23:46	1
4-Bromofluorobenzene (Surr)	103		74 - 124		07/12/21 03:34	1
Dibromofluoromethane (Surr)	99		75 - 131		07/10/21 23:46	1
Dibromofluoromethane (Surr)	98		75 - 131		07/12/21 03:34	1
1,2-Dichloroethane-d4 (Surr)	104		63 - 144		07/10/21 23:46	1
1,2-Dichloroethane-d4 (Surr)	103		63 - 144		07/12/21 03:34	1
Toluene-d8 (Surr)	100		80 - 117		07/10/21 23:46	1
Toluene-d8 (Surr)	100		80 - 117		07/12/21 03:34	1

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**3210**		10.0	2.18	mg/L			07/16/21 09:50	20

Client Sample ID: Artesia-MW36-070121
Lab Sample ID: 860-7296-6
Date Collected: 07/01/21 14:40
Matrix: Water
Date Received: 07/03/21 10:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.000216	U	0.00100	0.000216	mg/L			07/09/21 20:45	1
Benzene	**0.000756**	**J**	0.00100	0.000214	mg/L			07/09/21 20:45	1
1,1-Dichloroethane	**0.00903**		0.00100	0.000244	mg/L			07/09/21 20:45	1
Tetrachloroethene	**0.00482**		0.00100	0.000500	mg/L			07/09/21 20:45	1
Naphthalene	0.00200	U	0.0100	0.00200	mg/L			07/10/21 17:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		74 - 124		07/09/21 20:45	1
4-Bromofluorobenzene (Surr)	104		74 - 124		07/10/21 17:07	1
Dibromofluoromethane (Surr)	97		75 - 131		07/09/21 20:45	1
Dibromofluoromethane (Surr)	99		75 - 131		07/10/21 17:07	1
1,2-Dichloroethane-d4 (Surr)	99		63 - 144		07/09/21 20:45	1
1,2-Dichloroethane-d4 (Surr)	105		63 - 144		07/10/21 17:07	1
Toluene-d8 (Surr)	102		80 - 117		07/09/21 20:45	1
Toluene-d8 (Surr)	104		80 - 117		07/10/21 17:07	1

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**2270**		5.00	1.09	mg/L			07/16/21 00:20	10

Client Sample ID: Artesia-MW37-070121
Lab Sample ID: 860-7296-7
Date Collected: 07/01/21 14:35
Matrix: Water
Date Received: 07/03/21 10:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	**0.00165**		0.00100	0.000216	mg/L			07/09/21 21:10	1
Benzene	**0.00103**		0.00100	0.000214	mg/L			07/09/21 21:10	1
1,1-Dichloroethane	**0.0147**		0.00100	0.000244	mg/L			07/09/21 21:10	1
Tetrachloroethene	**0.00334**		0.00100	0.000500	mg/L			07/09/21 21:10	1
Naphthalene	0.00200	U	0.0100	0.00200	mg/L			07/10/21 17:26	1

Client Sample Results

Client: Jacobs Engineering Group, Inc.
Job ID: 860-7296-1
Project/Site: Dowell - Artesia

Client Sample ID: Artesia-MW37-070121
Lab Sample ID: 860-7296-7
Date Collected: 07/01/21 14:35
Matrix: Water
Date Received: 07/03/21 10:30

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*74 - 124*		*07/09/21 21:10*	*1*
4-Bromofluorobenzene (Surr)	*103*		*74 - 124*		*07/10/21 17:26*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 131*		*07/09/21 21:10*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 131*		*07/10/21 17:26*	*1*
1,2-Dichloroethane-d4 (Surr)	*97*		*63 - 144*		*07/09/21 21:10*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*63 - 144*		*07/10/21 17:26*	*1*
Toluene-d8 (Surr)	*104*		*80 - 117*		*07/09/21 21:10*	*1*
Toluene-d8 (Surr)	*99*		*80 - 117*		*07/10/21 17:26*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**3100**		10.0	2.18	mg/L			07/16/21 10:01	20

Client Sample ID: Artesia-MD37-070121
Lab Sample ID: 860-7296-8
Date Collected: 07/01/21 14:45
Matrix: Water
Date Received: 07/03/21 10:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	**0.00160**		0.00100	0.000216	mg/L			07/12/21 03:53	1
Benzene	**0.00118**		0.00100	0.000214	mg/L			07/12/21 03:53	1
1,1-Dichloroethane	**0.0186**		0.00100	0.000244	mg/L			07/12/21 03:53	1
Tetrachloroethene	**0.00276**		0.00100	0.000500	mg/L			07/12/21 03:53	1
Naphthalene	0.00200	U	0.0100	0.00200	mg/L			07/12/21 03:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*74 - 124*		*07/12/21 03:53*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 131*		*07/12/21 03:53*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*63 - 144*		*07/12/21 03:53*	*1*
Toluene-d8 (Surr)	*103*		*80 - 117*		*07/12/21 03:53*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**3110**		10.0	2.18	mg/L			07/16/21 10:13	20

Default Detection Limits

Client: Jacobs Engineering Group, Inc.

Job ID: 860-7296-1

Project/Site: Dowell - Artesia

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	RL	MDL	Units
1,1-Dichloroethane	0.00100	0.000244	mg/L
1,1-Dichloroethene	0.00100	0.000216	mg/L
Benzene	0.00100	0.000214	mg/L
Naphthalene	0.0100	0.00200	mg/L
Tetrachloroethene	0.00100	0.000500	mg/L

Method: 300.0 - Anions, Ion Chromatography

Analyte	RL	MDL	Units
Sulfate	0.500	0.109	mg/L

Surrogate Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-7296-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	DCA	TOL
Lab Sample ID	Client Sample ID	(74-124)	(75-131)	(63-144)	(80-117)
860-7296-1	Artesia-TB01-070121	102	100	103	100
860-7296-2	Artesia-MW17C-070121	91	97	100	101
860-7296-2	Artesia-MW17C-070121	103	98	104	101
860-7296-3	Artesia-MW12-070121	92	90	97	102
860-7296-3	Artesia-MW12-070121	100	98	103	100
860-7296-4	Artesia-MW38-070121	91	94	95	104
860-7296-4	Artesia-MW38-070121	105	99	104	100
860-7296-5	Artesia-MW11-070121	102	99	104	100
860-7296-5	Artesia-MW11-070121	103	98	103	100
860-7296-5 MS	Artesia-MW11-070121	103	100	100	100
860-7296-5 MSD	Artesia-MW11-070121	102	99	99	100
860-7296-6	Artesia-MW36-070121	89	97	99	102
860-7296-6	Artesia-MW36-070121	104	99	105	104
860-7296-7	Artesia-MW37-070121	91	98	97	104
860-7296-7	Artesia-MW37-070121	103	100	105	99
860-7296-8	Artesia-MD37-070121	104	99	103	103
LCS 860-14439/3	Lab Control Sample	90	91	88	96
LCS 860-14545/3	Lab Control Sample	106	98	99	101
LCS 860-14565/3	Lab Control Sample	102	98	99	99
LCS 860-14584/4	Lab Control Sample	100	99	100	99
LCSD 860-14439/4	Lab Control Sample Dup	91	92	88	97
LCSD 860-14545/4	Lab Control Sample Dup	101	99	97	99
LCSD 860-14565/4	Lab Control Sample Dup	101	100	97	99
LCSD 860-14584/5	Lab Control Sample Dup	101	99	100	99
MB 860-14439/8	Method Blank	95	96	95	106
MB 860-14545/9	Method Blank	103	97	101	101
MB 860-14565/9	Method Blank	102	99	101	100
MB 860-14584/11	Method Blank	102	99	102	101

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

QC Sample Results

Client: Jacobs Engineering Group, Inc.
Job ID: 860-7296-1
Project/Site: Dowell - Artesia

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 860-14439/8
Matrix: Water
Analysis Batch: 14439

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.000216	U	0.00100	0.000216	mg/L			07/09/21 13:38	1
Benzene	0.000214	U	0.00100	0.000214	mg/L			07/09/21 13:38	1
1,1-Dichloroethane	0.000244	U	0.00100	0.000244	mg/L			07/09/21 13:38	1
Tetrachloroethene	0.000500	U	0.00100	0.000500	mg/L			07/09/21 13:38	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*74 - 124*		*07/09/21 13:38*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 131*		*07/09/21 13:38*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*63 - 144*		*07/09/21 13:38*	*1*
Toluene-d8 (Surr)	*106*		*80 - 117*		*07/09/21 13:38*	*1*

Lab Sample ID: LCS 860-14439/3
Matrix: Water
Analysis Batch: 14439

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,1-Dichloroethene			0.0500	0.03982		mg/L		80	59 - 172		
Benzene			0.0500	0.04356		mg/L		87	66 - 142		
1,1-Dichloroethane			0.0500	0.04388		mg/L		88	72 - 125		
Tetrachloroethene			0.0500	0.04685		mg/L		94	71 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*90*		*74 - 124*
Dibromofluoromethane (Surr)	*91*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*88*		*63 - 144*
Toluene-d8 (Surr)	*96*		*80 - 117*

Lab Sample ID: LCSD 860-14439/4
Matrix: Water
Analysis Batch: 14439

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethene			0.0500	0.04071		mg/L		81	59 - 172	2	25
Benzene			0.0500	0.04301		mg/L		86	66 - 142	1	25
1,1-Dichloroethane			0.0500	0.04327		mg/L		87	72 - 125	1	25
Tetrachloroethene			0.0500	0.04691		mg/L		94	71 - 125	0	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*91*		*74 - 124*
Dibromofluoromethane (Surr)	*92*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*88*		*63 - 144*
Toluene-d8 (Surr)	*97*		*80 - 117*

QC Sample Results

Client: Jacobs Engineering Group, Inc.
Job ID: 860-7296-1
Project/Site: Dowell - Artesia

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-14545/9
Matrix: Water
Analysis Batch: 14545

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.000216	U	0.00100	0.000216	mg/L			07/10/21 13:00	1
Benzene	0.0003057	J	0.00100	0.000214	mg/L			07/10/21 13:00	1
1,1-Dichloroethane	0.000244	U	0.00100	0.000244	mg/L			07/10/21 13:00	1
Tetrachloroethene	0.000500	U	0.00100	0.000500	mg/L			07/10/21 13:00	1
Naphthalene	0.00200	U	0.0100	0.00200	mg/L			07/10/21 13:00	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*74 - 124*		*07/10/21 13:00*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 131*		*07/10/21 13:00*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*63 - 144*		*07/10/21 13:00*	*1*
Toluene-d8 (Surr)	*101*		*80 - 117*		*07/10/21 13:00*	*1*

Lab Sample ID: LCS 860-14545/3
Matrix: Water
Analysis Batch: 14545

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,1-Dichloroethene			0.0500	0.04685		mg/L		94	59 - 172		
Benzene			0.0500	0.04754		mg/L		95	66 - 142		
1,1-Dichloroethane			0.0500	0.04860		mg/L		97	72 - 125		
Tetrachloroethene			0.0500	0.04605		mg/L		92	71 - 125		
Naphthalene			0.0500	0.04941		mg/L		99	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*74 - 124*
Dibromofluoromethane (Surr)	*98*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*99*		*63 - 144*
Toluene-d8 (Surr)	*101*		*80 - 117*

Lab Sample ID: LCSD 860-14545/4
Matrix: Water
Analysis Batch: 14545

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethene			0.0500	0.04420		mg/L		88	59 - 172	6	25
Benzene			0.0500	0.04466		mg/L		89	66 - 142	6	25
1,1-Dichloroethane			0.0500	0.04648		mg/L		93	72 - 125	4	25
Tetrachloroethene			0.0500	0.04267		mg/L		85	71 - 125	8	25
Naphthalene			0.0500	0.04424		mg/L		88	70 - 130	11	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*74 - 124*
Dibromofluoromethane (Surr)	*99*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*97*		*63 - 144*
Toluene-d8 (Surr)	*99*		*80 - 117*

QC Sample Results

Client: Jacobs Engineering Group, Inc.
Job ID: 860-7296-1
Project/Site: Dowell - Artesia

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-14565/9
Matrix: Water
Analysis Batch: 14565

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.000216	U	0.00100	0.000216	mg/L			07/10/21 23:08	1
Benzene	0.000214	U	0.00100	0.000214	mg/L			07/10/21 23:08	1
1,1-Dichloroethane	0.000244	U	0.00100	0.000244	mg/L			07/10/21 23:08	1
Tetrachloroethene	0.000500	U	0.00100	0.000500	mg/L			07/10/21 23:08	1
Naphthalene	0.00200	U	0.0100	0.00200	mg/L			07/10/21 23:08	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*74 - 124*		*07/10/21 23:08*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 131*		*07/10/21 23:08*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*63 - 144*		*07/10/21 23:08*	*1*
Toluene-d8 (Surr)	*100*		*80 - 117*		*07/10/21 23:08*	*1*

Lab Sample ID: LCS 860-14565/3
Matrix: Water
Analysis Batch: 14565

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,1-Dichloroethene			0.0500	0.04222		mg/L		84	59 - 172		
Benzene			0.0500	0.04484		mg/L		90	66 - 142		
1,1-Dichloroethane			0.0500	0.04606		mg/L		92	72 - 125		
Tetrachloroethene			0.0500	0.04104		mg/L		82	71 - 125		
Naphthalene			0.0500	0.04562		mg/L		91	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*74 - 124*
Dibromofluoromethane (Surr)	*98*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*99*		*63 - 144*
Toluene-d8 (Surr)	*99*		*80 - 117*

Lab Sample ID: LCSD 860-14565/4
Matrix: Water
Analysis Batch: 14565

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethene			0.0500	0.04316		mg/L		86	59 - 172	2	25
Benzene			0.0500	0.04438		mg/L		89	66 - 142	1	25
1,1-Dichloroethane			0.0500	0.04619		mg/L		92	72 - 125	0	25
Tetrachloroethene			0.0500	0.04088		mg/L		82	71 - 125	0	25
Naphthalene			0.0500	0.04783		mg/L		96	70 - 130	5	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*74 - 124*
Dibromofluoromethane (Surr)	*100*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*97*		*63 - 144*
Toluene-d8 (Surr)	*99*		*80 - 117*

QC Sample Results

Client: Jacobs Engineering Group, Inc.
Job ID: 860-7296-1
Project/Site: Dowell - Artesia

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-14584/11
Matrix: Water
Analysis Batch: 14584

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.000216	U	0.00100	0.000216	mg/L			07/12/21 02:56	1
Benzene	0.000214	U	0.00100	0.000214	mg/L			07/12/21 02:56	1
1,1-Dichloroethane	0.000244	U	0.00100	0.000244	mg/L			07/12/21 02:56	1
Tetrachloroethene	0.000500	U	0.00100	0.000500	mg/L			07/12/21 02:56	1
Naphthalene	0.00200	U	0.0100	0.00200	mg/L			07/12/21 02:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*74 - 124*		*07/12/21 02:56*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 131*		*07/12/21 02:56*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*63 - 144*		*07/12/21 02:56*	*1*
Toluene-d8 (Surr)	*101*		*80 - 117*		*07/12/21 02:56*	*1*

Lab Sample ID: LCS 860-14584/4
Matrix: Water
Analysis Batch: 14584

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,1-Dichloroethene			0.0500	0.04666		mg/L		93	59 - 172		
Benzene			0.0500	0.04790		mg/L		96	66 - 142		
1,1-Dichloroethane			0.0500	0.05025		mg/L		101	72 - 125		
Tetrachloroethene			0.0500	0.04389		mg/L		88	71 - 125		
Naphthalene			0.0500	0.05252		mg/L		105	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*74 - 124*
Dibromofluoromethane (Surr)	*99*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*100*		*63 - 144*
Toluene-d8 (Surr)	*99*		*80 - 117*

Lab Sample ID: LCSD 860-14584/5
Matrix: Water
Analysis Batch: 14584

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethene			0.0500	0.04445		mg/L		89	59 - 172	5	25
Benzene			0.0500	0.04705		mg/L		94	66 - 142	2	25
1,1-Dichloroethane			0.0500	0.04931		mg/L		99	72 - 125	2	25
Tetrachloroethene			0.0500	0.04335		mg/L		87	71 - 125	1	25
Naphthalene			0.0500	0.05156		mg/L		103	70 - 130	2	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*74 - 124*
Dibromofluoromethane (Surr)	*99*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*100*		*63 - 144*
Toluene-d8 (Surr)	*99*		*80 - 117*

QC Sample Results

Client: Jacobs Engineering Group, Inc.
Job ID: 860-7296-1
Project/Site: Dowell - Artesia

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-7296-5 MS
Matrix: Water
Analysis Batch: 14584

Client Sample ID: Artesia-MW11-070121
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	0.000216	U	0.0500	0.04955		mg/L		99	59 - 172
Benzene	0.000214	U	0.0500	0.05061		mg/L		101	66 - 142
1,1-Dichloroethane	0.00439		0.0500	0.05751		mg/L		106	72 - 125
Tetrachloroethene	0.000500	U	0.0500	0.04774		mg/L		95	71 - 125
Naphthalene	0.00200	U	0.0500	0.05815		mg/L		116	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*74 - 124*
Dibromofluoromethane (Surr)	*100*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*100*		*63 - 144*
Toluene-d8 (Surr)	*100*		*80 - 117*

Lab Sample ID: 860-7296-5 MSD
Matrix: Water
Analysis Batch: 14584

Client Sample ID: Artesia-MW11-070121
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethene	0.000216	U	0.0500	0.04884		mg/L		98	59 - 172	1	25
Benzene	0.000214	U	0.0500	0.04964		mg/L		99	66 - 142	2	25
1,1-Dichloroethane	0.00439		0.0500	0.05658		mg/L		104	72 - 125	2	25
Tetrachloroethene	0.000500	U	0.0500	0.04708		mg/L		94	71 - 125	1	25
Naphthalene	0.00200	U	0.0500	0.05536		mg/L		111	70 - 130	5	25

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*74 - 124*
Dibromofluoromethane (Surr)	*99*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*99*		*63 - 144*
Toluene-d8 (Surr)	*100*		*80 - 117*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-15170/54
Matrix: Water
Analysis Batch: 15170

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	0.109	U	0.500	0.109	mg/L			07/15/21 18:51	1

Lab Sample ID: LCS 860-15170/55
Matrix: Water
Analysis Batch: 15170

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfate	10.0	9.862		mg/L		99	90 - 110

QC Sample Results

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-7296-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 860-15170/56
Matrix: Water
Analysis Batch: 15170

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfate			10.0	9.796		mg/L		98	90 - 110	1	20

Lab Sample ID: MB 860-15332/3
Matrix: Water
Analysis Batch: 15332

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	0.109	U	0.500	0.109	mg/L			07/16/21 08:51	1

Lab Sample ID: LCS 860-15332/4
Matrix: Water
Analysis Batch: 15332

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Sulfate			10.0	9.795		mg/L		98	90 - 110		

Lab Sample ID: LCSD 860-15332/5
Matrix: Water
Analysis Batch: 15332

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfate			10.0	9.798		mg/L		98	90 - 110	0	20

QC Association Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-7296-1

GC/MS VOA

Analysis Batch: 14439

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-7296-2	Artesia-MW17C-070121	Total/NA	Water	8260C	
860-7296-3	Artesia-MW12-070121	Total/NA	Water	8260C	
860-7296-4	Artesia-MW38-070121	Total/NA	Water	8260C	
860-7296-6	Artesia-MW36-070121	Total/NA	Water	8260C	
860-7296-7	Artesia-MW37-070121	Total/NA	Water	8260C	
MB 860-14439/8	Method Blank	Total/NA	Water	8260C	
LCS 860-14439/3	Lab Control Sample	Total/NA	Water	8260C	
LCSD 860-14439/4	Lab Control Sample Dup	Total/NA	Water	8260C	

Analysis Batch: 14545

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-7296-2	Artesia-MW17C-070121	Total/NA	Water	8260C	
860-7296-3	Artesia-MW12-070121	Total/NA	Water	8260C	
860-7296-4	Artesia-MW38-070121	Total/NA	Water	8260C	
860-7296-6	Artesia-MW36-070121	Total/NA	Water	8260C	
860-7296-7	Artesia-MW37-070121	Total/NA	Water	8260C	
MB 860-14545/9	Method Blank	Total/NA	Water	8260C	
LCS 860-14545/3	Lab Control Sample	Total/NA	Water	8260C	
LCSD 860-14545/4	Lab Control Sample Dup	Total/NA	Water	8260C	

Analysis Batch: 14565

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-7296-5	Artesia-MW11-070121	Total/NA	Water	8260C	
MB 860-14565/9	Method Blank	Total/NA	Water	8260C	
LCS 860-14565/3	Lab Control Sample	Total/NA	Water	8260C	
LCSD 860-14565/4	Lab Control Sample Dup	Total/NA	Water	8260C	

Analysis Batch: 14584

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-7296-1	Artesia-TB01-070121	Total/NA	Water	8260C	
860-7296-5	Artesia-MW11-070121	Total/NA	Water	8260C	
860-7296-8	Artesia-MD37-070121	Total/NA	Water	8260C	
MB 860-14584/11	Method Blank	Total/NA	Water	8260C	
LCS 860-14584/4	Lab Control Sample	Total/NA	Water	8260C	
LCSD 860-14584/5	Lab Control Sample Dup	Total/NA	Water	8260C	
860-7296-5 MS	Artesia-MW11-070121	Total/NA	Water	8260C	
860-7296-5 MSD	Artesia-MW11-070121	Total/NA	Water	8260C	

HPLC/IC

Analysis Batch: 15170

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-7296-2	Artesia-MW17C-070121	Total/NA	Water	300.0	
860-7296-6	Artesia-MW36-070121	Total/NA	Water	300.0	
MB 860-15170/54	Method Blank	Total/NA	Water	300.0	
LCS 860-15170/55	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-15170/56	Lab Control Sample Dup	Total/NA	Water	300.0	

Analysis Batch: 15332

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-7296-3	Artesia-MW12-070121	Total/NA	Water	300.0	

QC Association Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-7296-1

HPLC/IC (Continued)

Analysis Batch: 15332 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-7296-4	Artesia-MW38-070121	Total/NA	Water	300.0	
860-7296-5	Artesia-MW11-070121	Total/NA	Water	300.0	
860-7296-7	Artesia-MW37-070121	Total/NA	Water	300.0	
860-7296-8	Artesia-MD37-070121	Total/NA	Water	300.0	
MB 860-15332/3	Method Blank	Total/NA	Water	300.0	
LCS 860-15332/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-15332/5	Lab Control Sample Dup	Total/NA	Water	300.0	

Lab Chronicle

Client: Jacobs Engineering Group, Inc.
Job ID: 860-7296-1
Project/Site: Dowell - Artesia

Client Sample ID: Artesia-TB01-070121
Lab Sample ID: 860-7296-1
Date Collected: 07/01/21 11:00
Matrix: Water
Date Received: 07/03/21 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	14584	07/12/21 03:15	AN	XEN STF

Client Sample ID: Artesia-MW17C-070121
Lab Sample ID: 860-7296-2
Date Collected: 07/01/21 12:10
Matrix: Water
Date Received: 07/03/21 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	14439	07/09/21 19:37	AN	XEN STF
Total/NA	Analysis	8260C		1	14545	07/10/21 16:10	T1S	XEN STF
Total/NA	Analysis	300.0		10	15170	07/15/21 22:22	WP	XEN STF

Client Sample ID: Artesia-MW12-070121
Lab Sample ID: 860-7296-3
Date Collected: 07/01/21 13:00
Matrix: Water
Date Received: 07/03/21 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	14439	07/09/21 19:57	AN	XEN STF
Total/NA	Analysis	8260C		1	14545	07/10/21 16:29	T1S	XEN STF
Total/NA	Analysis	300.0		20	15332	07/16/21 09:26	WP	XEN STF

Client Sample ID: Artesia-MW38-070121
Lab Sample ID: 860-7296-4
Date Collected: 07/01/21 13:30
Matrix: Water
Date Received: 07/03/21 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	14439	07/09/21 20:19	AN	XEN STF
Total/NA	Analysis	8260C		1	14545	07/10/21 16:48	T1S	XEN STF
Total/NA	Analysis	300.0		20	15332	07/16/21 09:38	WP	XEN STF

Client Sample ID: Artesia-MW11-070121
Lab Sample ID: 860-7296-5
Date Collected: 07/01/21 14:20
Matrix: Water
Date Received: 07/03/21 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	14565	07/10/21 23:46	T1S	XEN STF
Total/NA	Analysis	8260C		1	14584	07/12/21 03:34	AN	XEN STF
Total/NA	Analysis	300.0		20	15332	07/16/21 09:50	WP	XEN STF

Client Sample ID: Artesia-MW36-070121
Lab Sample ID: 860-7296-6
Date Collected: 07/01/21 14:40
Matrix: Water
Date Received: 07/03/21 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	14439	07/09/21 20:45	AN	XEN STF
Total/NA	Analysis	8260C		1	14545	07/10/21 17:07	T1S	XEN STF

Lab Chronicle

Client: Jacobs Engineering Group, Inc.
Job ID: 860-7296-1
Project/Site: Dowell - Artesia

Client Sample ID: Artesia-MW36-070121
Lab Sample ID: 860-7296-6
Date Collected: 07/01/21 14:40
Matrix: Water
Date Received: 07/03/21 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10	15170	07/16/21 00:20	WP	XEN STF

Client Sample ID: Artesia-MW37-070121
Lab Sample ID: 860-7296-7
Date Collected: 07/01/21 14:35
Matrix: Water
Date Received: 07/03/21 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	14439	07/09/21 21:10	AN	XEN STF
Total/NA	Analysis	8260C		1	14545	07/10/21 17:26	T1S	XEN STF
Total/NA	Analysis	300.0		20	15332	07/16/21 10:01	WP	XEN STF

Client Sample ID: Artesia-MD37-070121
Lab Sample ID: 860-7296-8
Date Collected: 07/01/21 14:45
Matrix: Water
Date Received: 07/03/21 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	14584	07/12/21 03:53	AN	XEN STF
Total/NA	Analysis	300.0		20	15332	07/16/21 10:13	WP	XEN STF

Laboratory References:

XEN STF = Eurofins Xenco, Stafford, 4147 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Accreditation/Certification Summary

Client: Jacobs Engineering Group, Inc.
Job ID: 860-7296-1
Project/Site: Dowell - Artesia

Laboratory: Eurofins Xenco, Stafford

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	20-025-0	08-04-21
Florida	NELAP	E871002	06-30-22
Louisiana	NELAP	03054	06-30-22
Oklahoma	State	1306	08-31-21
Texas	NELAP	T104704215-21-43	06-30-22
USDA	US Federal Programs	P330-19-00137	04-24-22

Method Summary

Client: Jacobs Engineering Group, Inc.

Job ID: 860-7296-1

Project/Site: Dowell - Artesia

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	XEN STF
300.0	Anions, Ion Chromatography	MCAWW	XEN STF
5030C	Purge and Trap	SW846	XEN STF

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

XEN STF = Eurofins Xenco, Stafford, 4147 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Sample Summary

Client: Jacobs Engineering Group, Inc.

Job ID: 860-7296-1

Project/Site: Dowell - Artesia

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
860-7296-1	Artesia-TB01-070121	Water	07/01/21 11:00	07/03/21 10:30	
860-7296-2	Artesia-MW17C-070121	Water	07/01/21 12:10	07/03/21 10:30	
860-7296-3	Artesia-MW12-070121	Water	07/01/21 13:00	07/03/21 10:30	
860-7296-4	Artesia-MW38-070121	Water	07/01/21 13:30	07/03/21 10:30	
860-7296-5	Artesia-MW11-070121	Water	07/01/21 14:20	07/03/21 10:30	
860-7296-6	Artesia-MW36-070121	Water	07/01/21 14:40	07/03/21 10:30	
860-7296-7	Artesia-MW37-070121	Water	07/01/21 14:35	07/03/21 10:30	
860-7296-8	Artesia-MD37-070121	Water	07/01/21 14:45	07/03/21 10:30	

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Instrument ID: A131 Analysis Batch Number: 9678

Lab Sample ID: IC 860-9678/3 Client Sample ID:

Date Analyzed: 06/02/21 14:04 Lab File ID: J99648.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1-Dichloroethane	2.87	Peak assignment corrected	ngoa	06/02/21 16:51
2-Butanone	3.40	Peak assignment corrected	ngoa	06/02/21 16:51
Carbon tetrachloride	3.79	Peak assignment corrected	ngoa	06/02/21 16:51
1,1,2,2-Tetrachloroethane	7.53	Peak assignment corrected	ngoa	06/02/21 16:51
Hexachlorobutadiene	9.75	Peak assignment corrected	ngoa	06/02/21 16:52

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Instrument ID: A131 Analysis Batch Number: 14439

Lab Sample ID: CCVIS 860-14439/2 Client Sample ID:

Date Analyzed: 07/09/21 11:11 Lab File ID: J00497.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	0.94	Peak assignment corrected	ngoa	07/09/21 11:28

Lab Sample ID: 860-7296-6 Client Sample ID: Artesia-MW36-070121

Date Analyzed: 07/09/21 20:45 Lab File ID: J00522.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1-Dichloroethene	1.81	Peak assignment corrected	mikhaile	07/10/21 10:28

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Instrument ID: A292 Analysis Batch Number: 12941

Lab Sample ID: IC 860-12941/2 Client Sample ID:

Date Analyzed: 06/28/21 11:24 Lab File ID: E12211148.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
tert-Butyl alcohol	2.62	Peak assignment corrected	dangt	06/28/21 13:22
Propane Nitrile (Propionitrile)	3.53	Assign Peak	dangt	06/28/21 13:23
1,1,1-Trichloroethane	3.84	Assign Peak	dangt	06/28/21 13:23
1,4-Dioxane (P-Dioxane)	4.81	Assign Peak	dangt	06/28/21 13:23
1,2-Dibromoethane	6.08	Assign Peak	dangt	06/28/21 13:23
1-Chlorohexane	6.41	Assign Peak	dangt	06/28/21 13:23
trans-1,4-Dichloro-2-butene	7.41	Assign Peak	dangt	06/28/21 13:24
2-Chlorotoluene	7.52	Assign Peak	dangt	06/28/21 13:25
1,2-Dibromo-3-Chloropropane	8.99	Assign Peak	dangt	06/28/21 13:25
2-Methylnaphthalene	10.65	Assign Peak	dangt	06/28/21 13:25
1-Methylnaphthalene	10.78	Assign Peak	dangt	06/28/21 13:25

Lab Sample ID: IC 860-12941/3 Client Sample ID:

Date Analyzed: 06/28/21 11:43 Lab File ID: E12211149.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1,1-Trichloroethane	3.84	Peak assignment corrected	dangt	06/28/21 13:26
Cyclohexane	3.87	Peak assignment corrected	dangt	06/28/21 13:26

Lab Sample ID: IC 860-12941/4 Client Sample ID:

Date Analyzed: 06/28/21 12:03 Lab File ID: E12211150.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1,1-Trichloroethane	3.84	Peak assignment corrected	dangt	06/28/21 13:27

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Instrument ID: A292 Analysis Batch Number: 12941

Lab Sample ID: IC 860-12941/5 Client Sample ID:

Date Analyzed: 06/28/21 12:21 Lab File ID: E12211151.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1,1-Trichloroethane	3.84	Peak assignment corrected	dangt	06/28/21 13:28

Lab Sample ID: ICIS 860-12941/6 Client Sample ID:

Date Analyzed: 06/28/21 12:40 Lab File ID: E12211152.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1,1-Trichloroethane	3.84	Peak assignment corrected	dangt	06/28/21 13:29

Lab Sample ID: IC 860-12941/7 Client Sample ID:

Date Analyzed: 06/28/21 12:59 Lab File ID: E12211153.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Pentafluorobenzene	3.86	Peak assignment corrected	alvesn	06/28/21 13:31

Lab Sample ID: IC 860-12941/8 Client Sample ID:

Date Analyzed: 06/28/21 13:18 Lab File ID: E12211154.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Pentafluorobenzene	3.86	Peak assignment corrected	alvesn	06/28/21 13:38
1,4-Dichlorobenzene-d4	8.11	Peak assignment corrected	alvesn	06/28/21 13:38

Lab Sample ID: ICV 860-12941/9 Client Sample ID:

Date Analyzed: 06/28/21 13:57 Lab File ID: E12211156.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1,1-Trichloroethane	3.84	Peak assignment corrected	alvesn	06/28/21 14:14

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Instrument ID: A292 Analysis Batch Number: 14545

Lab Sample ID: CCVIS 860-14545/2 Client Sample ID:

Date Analyzed: 07/10/21 09:59 Lab File ID: E12211834.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1,1-Trichloroethane	3.83	Peak assignment corrected	alvesn	07/10/21 10:42

Lab Sample ID: 860-7296-3 Client Sample ID: Artesia-MW12-070121

Date Analyzed: 07/10/21 16:29 Lab File ID: E12211852.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Naphthalene		Invalid Compound ID	somsaengt	07/12/21 11:35

HPLC/IC MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Instrument ID: A166 Analysis Batch Number: 11887

Lab Sample ID: IC 860-11887/2 Client Sample ID:

Date Analyzed: 06/18/21 17:42 Lab File ID: 18_Jun_2021 17_42.d GC Column: AS-18 ID: 0.004(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Fluoride	3.05	Incomplete Integration	mavanij	06/19/21 09:27

Lab Sample ID: IC 860-11887/3 Client Sample ID:

Date Analyzed: 06/18/21 17:54 Lab File ID: 18_Jun_2021 17_54.d GC Column: AS-18 ID: 0.004(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Fluoride	3.05	Incomplete Integration	mavanij	06/19/21 09:28

Lab Sample ID: ICRT 860-11887/7 Client Sample ID:

Date Analyzed: 06/18/21 18:43 Lab File ID: 18_Jun_2021 18_43.d GC Column: AS-18 ID: 0.004(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Sulfate	5.66	Peak assignment corrected	mavanij	06/19/21 09:26

Lab Sample ID: IC 860-11887/10 Client Sample ID:

Date Analyzed: 06/18/21 19:19 Lab File ID: 18_Jun_2021 19_19.d GC Column: AS-18 ID: 0.004(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Sulfate	5.41	Peak assignment corrected	mavanij	06/19/21 09:29

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
VM8260ISSS50_00002							1,3-Dichloropropene, Total	
							Tentatively Identified Compound	
							Total BTEX	
							Trihalomethanes, Total	
							Xylenes, Total	
					VMISX_00001	250 uL	1,4-Dichlorobenzene-d4	50 ug/mL
							1,4-Difluorobenzene	50 ug/mL
							Chlorobenzene-d5	50 ug/mL
							Pentafluorobenzene	50 ug/mL
					VMSSX_00001	250 uL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene (Surr)	50 ug/mL
							BFB	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
.VMISX_00001	06/30/22		Agilent, Lot 0006537237		(Purchased Reagent)		1,4-Dichlorobenzene-d4	20000 ug/mL
							1,4-Difluorobenzene	20000 ug/mL
							Chlorobenzene-d5	20000 ug/mL
							Pentafluorobenzene	20000 ug/mL
.VMSSX_00001	06/30/22		Agilent, Lot 0006537232		(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	20000 ug/mL
							4-Bromofluorobenzene (Surr)	20000 ug/mL
							BFB	20000 ug/mL
							Dibromofluoromethane (Surr)	20000 ug/mL
							Toluene-d8 (Surr)	20000 ug/mL
VM8260LCS_00005	10/02/21	04/02/21	Methanol, Lot 5153580-4	10 mL	VMVOCMixX2s_00001	250 uL	1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							Benzene	50 ug/mL
							Naphthalene	50 ug/mL
							Tetrachloroethene	50 ug/mL
.VMVOCMixX2s_00001	11/23/23		SPEX, Lot AA200207015		(Purchased Reagent)		1,1-Dichloroethane	2000 ug/mL
							1,1-Dichloroethene	2000 ug/mL
							Benzene	2000 ug/mL
							Naphthalene	2000 ug/mL
							Tetrachloroethene	2000 ug/mL
VM8260LCSSHOR_00002	09/02/21	03/02/21	Methanol, Lot 5153580-4	10 mL	VMVOCMixX2s_00001	250 uL	1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzene	50 ug/mL
							Naphthalene	50 ug/mL
							Tetrachloroethene	50 ug/mL
.VMVOCMixX2s_00001	11/23/23		SPEX, Lot AA200207015		(Purchased Reagent)		1,1-Dichloroethane	2000 ug/mL
							1,1-Dichloroethene	2000 ug/mL
							Benzene	2000 ug/mL
							Naphthalene	2000 ug/mL
							Tetrachloroethene	2000 ug/mL
VM8260SHORT_00002	09/22/21	03/22/21	Methanol, Lot 5153580-4	10 mL	VMCalMixX_00002	500 uL	2-Butanone (MEK)	250 ug/mL
							Acetone	250 ug/mL
					VMCusStdX_00001	1000 uL	Methyl tert-butyl ether	50 ug/mL
					VMVOCMixX_00001	250 uL	1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							Benzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							Chloromethane	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							m-Xylene & p-Xylene	100 ug/mL
							o-Xylene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							Trichloroethene	50 ug/mL
							Vinyl chloride	50 ug/mL
.VMCalMixX_00002	06/30/23		Restek, Lot A0159420		(Purchased Reagent)		2-Butanone (MEK)	5000 ug/mL
							Acetone	5000 ug/mL
.VMCusStdX_00001	07/31/22		Agilent, Lot 0006542027		(Purchased Reagent)		Methyl tert-butyl ether	500 ug/mL
.VMVOCMixX_00001	04/30/23		Agilent, Lot 0006518400		(Purchased Reagent)		1,1,2,2-Tetrachloroethane	2000 ug/mL
							1,1-Dichloroethane	2000 ug/mL
							1,1-Dichloroethene	2000 ug/mL
							1,2-Dichloroethane	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichloropropane	2000 ug/mL
							1,4-Dichlorobenzene	2000 ug/mL
							Benzene	2000 ug/mL
							Bromoform	2000 ug/mL
							Carbon tetrachloride	2000 ug/mL
							Chlorobenzene	2000 ug/mL
							Chloroform	2000 ug/mL
							Chloromethane	2000 ug/mL
							cis-1,2-Dichloroethene	2000 ug/mL
							Ethylbenzene	2000 ug/mL
							Hexachlorobutadiene	2000 ug/mL
							m-Xylene & p-Xylene	4000 ug/mL
							o-Xylene	2000 ug/mL
							Tetrachloroethene	2000 ug/mL
							Toluene	2000 ug/mL
							trans-1,2-Dichloroethene	2000 ug/mL
							Trichloroethene	2000 ug/mL
							Vinyl chloride	2000 ug/mL
VM8260STD_00024	09/30/21	06/23/21	Methanol, Lot 5153580-8	10 mL	VM12MNapX_00002	500 uL	1-Methylnaphthalene	50 ug/mL
							2-Methylnaphthalene	50 ug/mL
					VM13ButaX_00002	500 uL	Butadiene	50 ug/mL
					VM2CEVEX_00002	100 uL	2-Chloroethyl vinyl ether	50 ug/mL
					VM4EthylTX_00002	500 uL	4-Ethyltoluene	50 ug/mL
					VMAceNiX_00001	250 uL	Acetonitrile	250 ug/mL
					VMAcroAcryX_00005	1250 uL	Acrolein	250 ug/mL
							Acrylonitrile	250 ug/mL
					VMCalMixX_00002	500 uL	2-Butanone (MEK)	250 ug/mL
							2-Hexanone	250 ug/mL
							4-Methyl-2-pentanone (MIBK)	250 ug/mL
							Acetone	250 ug/mL
					VMCusStdX_00006	1000 uL	1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,4-Dioxane	500 ug/mL
							1-Chlorohexane	50 ug/mL
							Carbon disulfide	50 ug/mL
							Cyclohexane	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Methyl acetate	500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Tetrahydrofuran	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
					VMDicycloX_00002	500 uL	Dicyclopentadiene	50 ug/mL
					VMOxygenX_00002	250 uL	2-Methyl-2-propanol	250 ug/mL
							Isopropyl ether	50 ug/mL
							Tert-amyl methyl ether	50 ug/mL
							Tert-butyl ethyl ether	50 ug/mL
					VMPropeneX_00001	500 uL	Propene	50 ug/mL
					VMVAstd_00001	250 uL	Vinyl acetate	250.044 ug/mL
					VMVOCMixX_00003	250 uL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromoform	50 ug/mL
							Bromomethane	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloroform	50 ug/mL
							Chloromethane	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromomethane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	100 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.VM12MNapX_00002	07/09/30	AccuStandard, Lot 220071053			(Purchased Reagent)		1-Methylnaphthalene	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
.VM13ButaX_00002	09/01/23	Absolute Standards, Lot 090120			(Purchased Reagent)		Butadiene	1000 ug/mL
.VM2CEVEX_00002	04/30/24	Agilent, Lot 0006599544			(Purchased Reagent)		2-Chloroethyl vinyl ether	5000 ug/mL
.VM4EthylTX_00002	10/08/24	Absolute Standards, Lot 100819			(Purchased Reagent)		4-Ethyltoluene	1000 ug/mL
.VMAceNiX_00001	02/01/22	Sigma-Aldrich, Lot SHBL7595			(Purchased Reagent)		Acetonitrile	10000 ug/mL
.VMAcroAcryX_00005	09/30/21	Agilent, Lot 0006611045			(Purchased Reagent)		Acrolein	2000 ug/mL
							Acrylonitrile	2000 ug/mL
.VMCalMixX_00002	06/30/23	Restek, Lot A0159420			(Purchased Reagent)		2-Butanone (MEK)	5000 ug/mL
							2-Hexanone	5000 ug/mL
							4-Methyl-2-pentanone (MIBK)	5000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acetone	5000 ug/mL
.VMCusStdX_00006	03/31/23	Agilent, Lot 0006587119			(Purchased Reagent)		1,1,2-Trichloro-1,2,2-trifluoroethane	500 ug/mL
							1,4-Dioxane	5000 ug/mL
							1-Chlorohexane	500 ug/mL
							Carbon disulfide	500 ug/mL
							Cyclohexane	500 ug/mL
							Ethyl methacrylate	500 ug/mL
							Hexane	500 ug/mL
							Iodomethane	500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl tert-butyl ether	500 ug/mL
							Methylcyclohexane	500 ug/mL
							Tetrahydrofuran	500 ug/mL
							trans-1,4-Dichloro-2-butene	500 ug/mL
.VMDicycloX_00002	05/15/25	Absolute Standards, Lot 051520			(Purchased Reagent)		Dicyclopentadiene	1000 ug/mL
.VMOxygenX_00002	05/28/22	AccuStandard, Lot 219051626			(Purchased Reagent)		2-Methyl-2-propanol	10000 ug/mL
							Isopropyl ether	2000 ug/mL
							Tert-amyl methyl ether	2000 ug/mL
							Tert-butyl ethyl ether	2000 ug/mL
.VMPropeneX_00001	01/14/23	SPEX, Lot AA200626004			(Purchased Reagent)		Propene	1000 ug/mL
.VMVAstd_00001	10/12/22	04/12/21	Methanol, Lot 5153580-4	10 mL	VMVAStock_00001	107.2 uL	Vinyl acetate	10001.8 ug/mL
..VMVAStock_00001	03/31/24	Agilent, Lot 0006601349			(Purchased Reagent)		Vinyl acetate	0.933 g/mL
.VMVOCMixX_00003	03/31/24	Agilent, Lot 0006587927			(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 ug/mL
							1,1,1-Trichloroethane	2000 ug/mL
							1,1,2,2-Tetrachloroethane	2000 ug/mL
							1,1,2-Trichloroethane	2000 ug/mL
							1,1-Dichloroethane	2000 ug/mL
							1,1-Dichloroethene	2000 ug/mL
							1,1-Dichloropropene	2000 ug/mL
							1,2,3-Trichlorobenzene	2000 ug/mL
							1,2,3-Trichloropropane	2000 ug/mL
							1,2,4-Trichlorobenzene	2000 ug/mL
							1,2,4-Trimethylbenzene	2000 ug/mL
							1,2-Dibromo-3-Chloropropane	2000 ug/mL
							1,2-Dichlorobenzene	2000 ug/mL
							1,2-Dichloroethane	2000 ug/mL
							1,2-Dichloropropane	2000 ug/mL
							1,3,5-Trimethylbenzene	2000 ug/mL
							1,3-Dichlorobenzene	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3-Dichloropropane	2000 ug/mL
							1,4-Dichlorobenzene	2000 ug/mL
							2,2-Dichloropropane	2000 ug/mL
							2-Chlorotoluene	2000 ug/mL
							4-Chlorotoluene	2000 ug/mL
							4-Isopropyltoluene	2000 ug/mL
							Benzene	2000 ug/mL
							Bromobenzene	2000 ug/mL
							Bromoform	2000 ug/mL
							Bromomethane	2000 ug/mL
							Carbon tetrachloride	2000 ug/mL
							Chlorobenzene	2000 ug/mL
							Chlorobromomethane	2000 ug/mL
							Chlorodibromomethane	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloroform	2000 ug/mL
							Chloromethane	2000 ug/mL
							cis-1,2-Dichloroethene	2000 ug/mL
							cis-1,3-Dichloropropene	2000 ug/mL
							Dibromomethane	2000 ug/mL
							Dichlorobromomethane	2000 ug/mL
							Dichlorodifluoromethane	2000 ug/mL
							Ethylbenzene	2000 ug/mL
							Ethylene Dibromide	2000 ug/mL
							Hexachlorobutadiene	2000 ug/mL
							Isopropylbenzene	2000 ug/mL
							m-Xylene & p-Xylene	4000 ug/mL
							Methylene Chloride	2000 ug/mL
							n-Butylbenzene	2000 ug/mL
							N-Propylbenzene	2000 ug/mL
							Naphthalene	2000 ug/mL
							o-Xylene	2000 ug/mL
							sec-Butylbenzene	2000 ug/mL
							Styrene	2000 ug/mL
							tert-Butylbenzene	2000 ug/mL
							Tetrachloroethene	2000 ug/mL
							Toluene	2000 ug/mL
							trans-1,2-Dichloroethene	2000 ug/mL
							trans-1,3-Dichloropropene	2000 ug/mL
							Trichloroethene	2000 ug/mL
							Trichlorofluoromethane	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Vinyl chloride	2000 ug/mL
VMAppIISTD_00005	07/16/21	06/01/21	Methanol, Lot 5153580-9	10 mL	VMCusStdAppII_00001	500 uL	2-Chloro-1,3-butadiene	50 ug/mL
							3-Chloro-1-propene	50 ug/mL
							Methacrylonitrile	50 ug/mL
							Methyl methacrylate	50 ug/mL
							Propionitrile	50 ug/mL
					VMIsobutaSTD_00001	250 uL	Isobutyl alcohol	500 ug/mL
.VMCusStdAppII_00001	07/16/21	AccuStandard, Lot 220061242			(Purchased Reagent)		2-Chloro-1,3-butadiene	1000 ug/mL
							3-Chloro-1-propene	1000 ug/mL
							Methacrylonitrile	1000 ug/mL
							Methyl methacrylate	1000 ug/mL
							Propionitrile	1000 ug/mL
.VMIsobutaSTD_00001	09/04/25	Absolute, Lot 090420			(Purchased Reagent)		Isobutyl alcohol	20000 ug/mL
VMIsoSTD_00003	10/19/21	05/19/21	Methanol, Lot 5153580-9	5 mL	VMIsooctaneX_00001	500 uL	Isooctane	100 ug/mL
.VMIsooctaneX_00001	07/13/25	Absolute, Lot 071320			(Purchased Reagent)		Isooctane	1000 ug/mL
WC-IC-P2_00001	03/31/22	CPI, Lot 10068635-3			(Purchased Reagent)		Sulfate	1000 ug/mL
WC-IC-S2_00002	02/28/22	HPS, Lot 2105333-500			(Purchased Reagent)		Bromide	1000 ug/mL
							Chloride	1000 ug/mL
							Fluoride	1000 ug/mL
							Sulfate	1000 ug/mL

Method 8260C

Volatile Organic Compounds (GC/MS) by Method 8260C

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FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): DB-624 ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
Artesia-TB01-070121	860-7296-1	100	103	100	102
Artesia-MW17C-070121	860-7296-2	97	100	101	91
Artesia-MW17C-070121	860-7296-2	98	104	101	103
Artesia-MW12-070121	860-7296-3	90	97	102	92
Artesia-MW12-070121	860-7296-3	98	103	100	100
Artesia-MW38-070121	860-7296-4	94	95	104	91
Artesia-MW38-070121	860-7296-4	99	104	100	105
Artesia-MW11-070121	860-7296-5	99	104	100	102
Artesia-MW11-070121	860-7296-5	98	103	100	103
Artesia-MW36-070121	860-7296-6	97	99	102	89
Artesia-MW36-070121	860-7296-6	99	105	104	104
Artesia-MW37-070121	860-7296-7	98	97	104	91
Artesia-MW37-070121	860-7296-7	100	105	99	103
Artesia-MD37-070121	860-7296-8	99	103	103	104
	MB 860-14439/8	96	95	106	95
	MB 860-14545/9	97	101	101	103
	MB 860-14565/9	99	101	100	102
	MB 860-14584/11	99	102	101	102
	LCS 860-14439/3	91	88	96	90
	LCS 860-14545/3	98	99	101	106
	LCS 860-14565/3	98	99	99	102

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	75-131
DCA = 1,2-Dichloroethane-d4 (Surr)	63-144
TOL = Toluene-d8 (Surr)	80-117
BFB = 4-Bromofluorobenzene (Surr)	74-124

Column to be used to flag recovery values

FORM II 8260C

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): DB-624 ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
	LCS 860-14584/4	99	100	99	100
	LCSD 860-14439/4	92	88	97	91
	LCSD 860-14545/4	99	97	99	101
	LCSD 860-14565/4	100	97	99	101
	LCSD 860-14584/5	99	100	99	101
Artesia-MW11-0701 21 MS	860-7296-5 MS	100	100	100	103
Artesia-MW11-0701 21 MSD	860-7296-5 MSD	99	99	100	102

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	75-131
DCA = 1,2-Dichloroethane-d4 (Surr)	63-144
TOL = Toluene-d8 (Surr)	80-117
BFB = 4-Bromofluorobenzene (Surr)	74-124

Column to be used to flag recovery values

FORM II 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Matrix: Water Level: Low Lab File ID: J00498.D

Lab ID: LCS 860-14439/3 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethene	0.0500	0.03982	80	59-172	
Benzene	0.0500	0.04356	87	66-142	
1,1-Dichloroethane	0.0500	0.04388	88	72-125	
Tetrachloroethene	0.0500	0.04685	94	71-125	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Matrix: Water Level: Low Lab File ID: E12211835.D

Lab ID: LCS 860-14545/3 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethene	0.0500	0.04685	94	59-172	
Benzene	0.0500	0.04754	95	66-142	
1,1-Dichloroethane	0.0500	0.04860	97	72-125	
Tetrachloroethene	0.0500	0.04605	92	71-125	
Naphthalene	0.0500	0.04941	99	70-130	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Matrix: Water Level: Low Lab File ID: E12211867.D

Lab ID: LCS 860-14565/3 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethene	0.0500	0.04222	84	59-172	
Benzene	0.0500	0.04484	90	66-142	
1,1-Dichloroethane	0.0500	0.04606	92	72-125	
Tetrachloroethene	0.0500	0.04104	82	71-125	
Naphthalene	0.0500	0.04562	91	70-130	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Matrix: Water Level: Low Lab File ID: E12211940.D

Lab ID: LCS 860-14584/4 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethene	0.0500	0.04666	93	59-172	
Benzene	0.0500	0.04790	96	66-142	
1,1-Dichloroethane	0.0500	0.05025	101	72-125	
Tetrachloroethene	0.0500	0.04389	88	71-125	
Naphthalene	0.0500	0.05252	105	70-130	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Matrix: Water Level: Low Lab File ID: J00499.D

Lab ID: LCSD 860-14439/4 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1-Dichloroethene	0.0500	0.04071	81	2	25	59-172	
Benzene	0.0500	0.04301	86	1	25	66-142	
1,1-Dichloroethane	0.0500	0.04327	87	1	25	72-125	
Tetrachloroethene	0.0500	0.04691	94	0	25	71-125	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Matrix: Water Level: Low Lab File ID: E12211836.D

Lab ID: LCSD 860-14545/4 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1-Dichloroethene	0.0500	0.04420	88	6	25	59-172	
Benzene	0.0500	0.04466	89	6	25	66-142	
1,1-Dichloroethane	0.0500	0.04648	93	4	25	72-125	
Tetrachloroethene	0.0500	0.04267	85	8	25	71-125	
Naphthalene	0.0500	0.04424	88	11	25	70-130	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Matrix: Water Level: Low Lab File ID: E12211868.D

Lab ID: LCSD 860-14565/4 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1-Dichloroethene	0.0500	0.04316	86	2	25	59-172	
Benzene	0.0500	0.04438	89	1	25	66-142	
1,1-Dichloroethane	0.0500	0.04619	92	0	25	72-125	
Tetrachloroethene	0.0500	0.04088	82	0	25	71-125	
Naphthalene	0.0500	0.04783	96	5	25	70-130	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Matrix: Water Level: Low Lab File ID: E12211941.D

Lab ID: LCSD 860-14584/5 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1-Dichloroethene	0.0500	0.04445	89	5	25	59-172	
Benzene	0.0500	0.04705	94	2	25	66-142	
1,1-Dichloroethane	0.0500	0.04931	99	2	25	72-125	
Tetrachloroethene	0.0500	0.04335	87	1	25	71-125	
Naphthalene	0.0500	0.05156	103	2	25	70-130	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Matrix: Water Level: Low Lab File ID: E12211942.D

Lab ID: 860-7296-5 MS Client ID: Artesia-MW11-070121 MS

COMPOUND	SPIKE ADDED (mg/L)	SAMPLE CONCENTRATION (mg/L)	MS CONCENTRATION (mg/L)	MS % REC	QC LIMITS REC	#
1,1-Dichloroethene	0.0500	0.000216 U	0.04955	99	59-172	
Benzene	0.0500	0.000214 U	0.05061	101	66-142	
1,1-Dichloroethane	0.0500	0.00439	0.05751	106	72-125	
Tetrachloroethene	0.0500	0.000500 U	0.04774	95	71-125	
Naphthalene	0.0500	0.00200 U	0.05815	116	70-130	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Matrix: Water Level: Low Lab File ID: E12211943.D

Lab ID: 860-7296-5 MSD Client ID: Artesia-MW11-070121 MSD

COMPOUND	SPIKE ADDED (mg/L)	MSD CONCENTRATION (mg/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1-Dichloroethene	0.0500	0.04884	98	1	25	59-172	
Benzene	0.0500	0.04964	99	2	25	66-142	
1,1-Dichloroethane	0.0500	0.05658	104	2	25	72-125	
Tetrachloroethene	0.0500	0.04708	94	1	25	71-125	
Naphthalene	0.0500	0.05536	111	5	25	70-130	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Lab File ID: J00503.D Lab Sample ID: MB 860-14439/8

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: A131 Date Analyzed: 07/09/2021 13:38

GC Column: DB-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 860-14439/3	J00498.D	07/09/2021 11:48
	LCSD 860-14439/4	J00499.D	07/09/2021 12:09
Artesia-MW17C-070121	860-7296-2	J00519.D	07/09/2021 19:37
Artesia-MW12-070121	860-7296-3	J00520.D	07/09/2021 19:57
Artesia-MW38-070121	860-7296-4	J00521.D	07/09/2021 20:19
Artesia-MW36-070121	860-7296-6	J00522.D	07/09/2021 20:45
Artesia-MW37-070121	860-7296-7	J00523.D	07/09/2021 21:10

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Lab File ID: E12211841.D Lab Sample ID: MB 860-14545/9

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: A292 Date Analyzed: 07/10/2021 13:00

GC Column: DB-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 860-14545/3	E12211835.D	07/10/2021 10:41
	LCSD 860-14545/4	E12211836.D	07/10/2021 11:22
Artesia-MW17C-070121	860-7296-2	E12211851.D	07/10/2021 16:10
Artesia-MW12-070121	860-7296-3	E12211852.D	07/10/2021 16:29
Artesia-MW38-070121	860-7296-4	E12211853.D	07/10/2021 16:48
Artesia-MW36-070121	860-7296-6	E12211854.D	07/10/2021 17:07
Artesia-MW37-070121	860-7296-7	E12211855.D	07/10/2021 17:26

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Lab File ID: E12211873.D Lab Sample ID: MB 860-14565/9

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: A292 Date Analyzed: 07/10/2021 23:08

GC Column: DB-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 860-14565/3	E12211867.D	07/10/2021 21:14
	LCSD 860-14565/4	E12211868.D	07/10/2021 21:33
Artesia-MW11-070121	860-7296-5	E12211875.D	07/10/2021 23:46

FORM IV 8260C

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Lab File ID: E12211947.D Lab Sample ID: MB 860-14584/11

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: A292 Date Analyzed: 07/12/2021 02:56

GC Column: DB-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 860-14584/4	E12211940.D	07/12/2021 00:43
	LCSD 860-14584/5	E12211941.D	07/12/2021 01:02
Artesia-MW11-070121 MS	860-7296-5 MS	E12211942.D	07/12/2021 01:21
Artesia-MW11-070121 MSD	860-7296-5 MSD	E12211943.D	07/12/2021 01:40
Artesia-TB01-070121	860-7296-1	E12211948.D	07/12/2021 03:15
Artesia-MW11-070121	860-7296-5	E12211949.D	07/12/2021 03:34
Artesia-MD37-070121	860-7296-8	E12211950.D	07/12/2021 03:53

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Lab File ID: J99646.D BFB Injection Date: 06/02/2021

Instrument ID: A131 BFB Injection Time: 13:23

Analysis Batch No.: 9678

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	19.7	
75	30.0 - 60.0 % of mass 95	49.7	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.6	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	100.7	
175	5.0 - 9.0 % of mass 174	8.0	(8.0) 1
176	95.0 - 101.0 % of mass 174	96.9	(96.3) 1
177	5.0 - 9.0 % of mass 176	6.2	(6.4) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 860-9678/2	J99647.D	06/02/2021	13:43
	IC 860-9678/3	J99648.D	06/02/2021	14:04
	IC 860-9678/4	J99649.D	06/02/2021	14:24
	IC 860-9678/5	J99650.D	06/02/2021	14:56
	IC 860-9678/6	J99651.D	06/02/2021	15:17
	ICIS 860-9678/7	J99652.D	06/02/2021	15:38
	IC 860-9678/8	J99653.D	06/02/2021	15:59
	IC 860-9678/9	J99654.D	06/02/2021	16:20
	ICV 860-9678/11	J99656.D	06/02/2021	17:02

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FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Lab File ID: J00496.D BFB Injection Date: 07/09/2021

Instrument ID: A131 BFB Injection Time: 10:30

Analysis Batch No.: 14439

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	19.0	
75	30.0 - 60.0 % of mass 95	48.4	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.9	
173	Less than 2.0 % of mass 174	0.4	(0.4) 1
174	Greater than 50% of mass 95	104.7	
175	5.0 - 9.0 % of mass 174	8.2	(7.8) 1
176	95.0 - 101.0 % of mass 174	100.1	(95.6) 1
177	5.0 - 9.0 % of mass 176	7.0	(7.0) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 860-14439/2	J00497.D	07/09/2021	11:11
	LCS 860-14439/3	J00498.D	07/09/2021	11:48
	LCSD 860-14439/4	J00499.D	07/09/2021	12:09
	MB 860-14439/8	J00503.D	07/09/2021	13:38
Artesia-MW17C-070121	860-7296-2	J00519.D	07/09/2021	19:37
Artesia-MW12-070121	860-7296-3	J00520.D	07/09/2021	19:57
Artesia-MW38-070121	860-7296-4	J00521.D	07/09/2021	20:19
Artesia-MW36-070121	860-7296-6	J00522.D	07/09/2021	20:45
Artesia-MW37-070121	860-7296-7	J00523.D	07/09/2021	21:10

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FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Lab File ID: E12211147.D BFB Injection Date: 06/28/2021

Instrument ID: A292 BFB Injection Time: 11:05

Analysis Batch No.: 12941

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.2	
75	30.0 - 60.0 % of mass 95	49.8	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.6	
173	Less than 2.0 % of mass 174	0.3	(0.4) 1
174	Greater than 50% of mass 95	88.7	
175	5.0 - 9.0 % of mass 174	6.5	(7.3) 1
176	95.0 - 101.0 % of mass 174	86.0	(97.0) 1
177	5.0 - 9.0 % of mass 176	5.6	(6.5) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 860-12941/2	E12211148.D	06/28/2021	11:24
	IC 860-12941/3	E12211149.D	06/28/2021	11:43
	IC 860-12941/4	E12211150.D	06/28/2021	12:03
	IC 860-12941/5	E12211151.D	06/28/2021	12:21
	ICIS 860-12941/6	E12211152.D	06/28/2021	12:40
	IC 860-12941/7	E12211153.D	06/28/2021	12:59
	IC 860-12941/8	E12211154.D	06/28/2021	13:18
	ICV 860-12941/9	E12211156.D	06/28/2021	13:57

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FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Lab File ID: E12211833.D BFB Injection Date: 07/10/2021

Instrument ID: A292 BFB Injection Time: 09:26

Analysis Batch No.: 14545

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.8	
75	30.0 - 60.0 % of mass 95	50.8	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.9	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	82.1	
175	5.0 - 9.0 % of mass 174	6.3	(7.7) 1
176	95.0 - 101.0 % of mass 174	79.6	(96.9) 1
177	5.0 - 9.0 % of mass 176	5.3	(6.7) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 860-14545/2	E12211834.D	07/10/2021	9:59
	LCS 860-14545/3	E12211835.D	07/10/2021	10:41
	LCSD 860-14545/4	E12211836.D	07/10/2021	11:22
	MB 860-14545/9	E12211841.D	07/10/2021	13:00
Artesia-MW17C-070121	860-7296-2	E12211851.D	07/10/2021	16:10
Artesia-MW12-070121	860-7296-3	E12211852.D	07/10/2021	16:29
Artesia-MW38-070121	860-7296-4	E12211853.D	07/10/2021	16:48
Artesia-MW36-070121	860-7296-6	E12211854.D	07/10/2021	17:07
Artesia-MW37-070121	860-7296-7	E12211855.D	07/10/2021	17:26

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FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Lab File ID: E12211865.D BFB Injection Date: 07/10/2021

Instrument ID: A292 BFB Injection Time: 20:36

Analysis Batch No.: 14565

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.8	
75	30.0 - 60.0 % of mass 95	51.0	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.8	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	82.1	
175	5.0 - 9.0 % of mass 174	6.2	(7.6) 1
176	95.0 - 101.0 % of mass 174	79.0	(96.2) 1
177	5.0 - 9.0 % of mass 176	5.3	(6.8) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 860-14565/2	E12211866.D	07/10/2021	20:55
	LCS 860-14565/3	E12211867.D	07/10/2021	21:14
	LCSD 860-14565/4	E12211868.D	07/10/2021	21:33
	MB 860-14565/9	E12211873.D	07/10/2021	23:08
Artesia-MW11-070121	860-7296-5	E12211875.D	07/10/2021	23:46

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FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Lab File ID: E12211937.D BFB Injection Date: 07/11/2021

Instrument ID: A292 BFB Injection Time: 23:46

Analysis Batch No.: 14584

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.3	
75	30.0 - 60.0 % of mass 95	50.9	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.6	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	84.7	
175	5.0 - 9.0 % of mass 174	6.0	(7.1) 1
176	95.0 - 101.0 % of mass 174	82.4	(97.3) 1
177	5.0 - 9.0 % of mass 176	5.4	(6.5) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 860-14584/3	E12211938.D	07/12/2021	0:05
	LCS 860-14584/4	E12211940.D	07/12/2021	0:43
	LCSD 860-14584/5	E12211941.D	07/12/2021	1:02
Artesia-MW11-070121 MS	860-7296-5 MS	E12211942.D	07/12/2021	1:21
Artesia-MW11-070121 MSD	860-7296-5 MSD	E12211943.D	07/12/2021	1:40
	MB 860-14584/11	E12211947.D	07/12/2021	2:56
Artesia-TB01-070121	860-7296-1	E12211948.D	07/12/2021	3:15
Artesia-MW11-070121	860-7296-5	E12211949.D	07/12/2021	3:34
Artesia-MD37-070121	860-7296-8	E12211950.D	07/12/2021	3:53

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FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Sample No.: ICIS 860-9678/7 Date Analyzed: 06/02/2021 15:38

Instrument ID: A131 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): J99652.D Heated Purge: (Y/N) N

Calibration ID: 912

		PFB		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		270016	3.79	402374	4.29	382492	6.43
UPPER LIMIT		540032	4.29	804748	4.79	764984	6.93
LOWER LIMIT		135008	3.29	201187	3.79	191246	5.93
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 860-9678/11		279123	3.79	420731	4.29	398173	6.43
CCVIS 860-14439/2		236208	3.78	338364	4.29	312858	6.43

PFB = Pentafluorobenzene
DFBZ = 1,4-Difluorobenzene
CBNZd5 = Chlorobenzene-d5

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Sample No.: ICIS 860-9678/7 Date Analyzed: 06/02/2021 15:38

Instrument ID: A131 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): J99652.D Heated Purge: (Y/N) N

Calibration ID: 912

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		190310	8.27				
UPPER LIMIT		380620	8.77				
LOWER LIMIT		95155	7.77				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 860-9678/11		203426	8.27				
CCVIS 860-14439/2		152664	8.27				

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Sample No.: CCVIS 860-14439/2 Date Analyzed: 07/09/2021 11:11

Instrument ID: A131 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): J00497.D Heated Purge: (Y/N) N

Calibration ID: 912

		PFB		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		236208	3.78	338364	4.29	312858	6.43
UPPER LIMIT		472416	4.28	676728	4.79	625716	6.93
LOWER LIMIT		118104	3.28	169182	3.79	156429	5.93
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 860-14439/3		242565	3.78	343623	4.29	314482	6.43
LCSD 860-14439/4		242391	3.78	343479	4.29	314622	6.43
MB 860-14439/8		242180	3.79	325140	4.29	281000	6.43
860-7296-2	Artesia-MW17C-070121	204286	3.78	273222	4.29	246406	6.43
860-7296-3	Artesia-MW12-070121	200526	3.79	267542	4.29	237092	6.43
860-7296-4	Artesia-MW38-070121	202521	3.79	274380	4.29	241764	6.43
860-7296-6	Artesia-MW36-070121	215967	3.78	284212	4.29	252328	6.43
860-7296-7	Artesia-MW37-070121	205565	3.78	278803	4.29	238272	6.43

PFB = Pentafluorobenzene
DFBZ = 1,4-Difluorobenzene
CBNZd5 = Chlorobenzene-d5

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Sample No.: CCVIS 860-14439/2 Date Analyzed: 07/09/2021 11:11

Instrument ID: A131 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): J00497.D Heated Purge: (Y/N) N

Calibration ID: 912

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		152664	8.27				
UPPER LIMIT		305328	8.77				
LOWER LIMIT		76332	7.77				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 860-14439/3		158823	8.27				
LCSD 860-14439/4		157954	8.27				
MB 860-14439/8		134858	8.27				
860-7296-2	Artesia-MW17C-070121	119447	8.27				
860-7296-3	Artesia-MW12-070121	116907	8.27				
860-7296-4	Artesia-MW38-070121	123619	8.27				
860-7296-6	Artesia-MW36-070121	129170	8.27				
860-7296-7	Artesia-MW37-070121	120949	8.27				

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Sample No.: ICIS 860-12941/6 Date Analyzed: 06/28/2021 12:40

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): E12211152.D Heated Purge: (Y/N) N

Calibration ID: 1110

		PFB		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		638781	3.86	927866	4.37	820037	6.41
UPPER LIMIT		1277562	4.36	1855732	4.87	1640074	6.91
LOWER LIMIT		319391	3.36	463933	3.87	410019	5.91
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 860-12941/9		654961	3.86	970612	4.37	872730	6.41
CCVIS 860-14545/2		509955	3.85	754228	4.36	658170	6.41
CCVIS 860-14565/2		532863	3.86	790115	4.37	683817	6.41
CCVIS 860-14584/3		454813	3.86	677379	4.37	591926	6.41

PFB = Pentafluorobenzene
DFBZ = 1,4-Difluorobenzene
CBNZd5 = Chlorobenzene-d5

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Sample No.: ICIS 860-12941/6 Date Analyzed: 06/28/2021 12:40

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): E12211152.D Heated Purge: (Y/N) N

Calibration ID: 1110

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		408293	8.11				
UPPER LIMIT		816586	8.61				
LOWER LIMIT		204147	7.61				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 860-12941/9		460171	8.11				
CCVIS 860-14545/2		325554	8.11				
CCVIS 860-14565/2		343443	8.11				
CCVIS 860-14584/3		296554	8.11				

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Sample No.: CCVIS 860-14545/2 Date Analyzed: 07/10/2021 09:59

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): E12211834.D Heated Purge: (Y/N) N

Calibration ID: 1110

		PFB		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		509955	3.85	754228	4.36	658170	6.41
UPPER LIMIT		1019910	4.35	1508456	4.86	1316340	6.91
LOWER LIMIT		254978	3.35	377114	3.86	329085	5.91
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 860-14545/3		510611	3.85	754091	4.36	640861	6.41
LCSD 860-14545/4		514447	3.85	771106	4.36	664967	6.41
MB 860-14545/9		548959	3.85	810511	4.37	676320	6.41
860-7296-2	Artesia-MW17C-070121	513836	3.85	755446	4.37	636319	6.41
860-7296-3	Artesia-MW12-070121	519716	3.85	763313	4.37	652251	6.41
860-7296-4	Artesia-MW38-070121	499185	3.85	740706	4.37	624395	6.41
860-7296-6	Artesia-MW36-070121	501465	3.85	729419	4.37	592962	6.41
860-7296-7	Artesia-MW37-070121	487498	3.85	722795	4.37	608387	6.41

PFB = Pentafluorobenzene
DFBZ = 1,4-Difluorobenzene
CBNZd5 = Chlorobenzene-d5

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Sample No.: CCVIS 860-14545/2 Date Analyzed: 07/10/2021 09:59

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): E12211834.D Heated Purge: (Y/N) N

Calibration ID: 1110

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		325554	8.11				
UPPER LIMIT		651108	8.61				
LOWER LIMIT		162777	7.61				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 860-14545/3		294582	8.11				
LCSD 860-14545/4		326321	8.11				
MB 860-14545/9		316045	8.11				
860-7296-2	Artesia-MW17C-070121	295097	8.11				
860-7296-3	Artesia-MW12-070121	315915	8.11				
860-7296-4	Artesia-MW38-070121	286680	8.11				
860-7296-6	Artesia-MW36-070121	266405	8.11				
860-7296-7	Artesia-MW37-070121	284918	8.11				

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Sample No.: CCVIS 860-14565/2 Date Analyzed: 07/10/2021 20:55

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): E12211866.D Heated Purge: (Y/N) N

Calibration ID: 1110

		PFB		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		532863	3.86	790115	4.37	683817	6.41
UPPER LIMIT		1065726	4.36	1580230	4.87	1367634	6.91
LOWER LIMIT		266432	3.36	395058	3.87	341909	5.91
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 860-14565/3		532933	3.85	783791	4.37	685426	6.41
LCSD 860-14565/4		537252	3.85	807334	4.37	704505	6.41
MB 860-14565/9		512429	3.85	768777	4.37	652302	6.41
860-7296-5	Artesia-MW11-070121	524210	3.86	775728	4.37	654998	6.41

PFB = Pentafluorobenzene
DFBZ = 1,4-Difluorobenzene
CBNZd5 = Chlorobenzene-d5

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Sample No.: CCVIS 860-14565/2 Date Analyzed: 07/10/2021 20:55

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): E12211866.D Heated Purge: (Y/N) N

Calibration ID: 1110

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		343443	8.11				
UPPER LIMIT		686886	8.61				
LOWER LIMIT		171722	7.61				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 860-14565/3		338283	8.11				
LCSD 860-14565/4		353100	8.11				
MB 860-14565/9		307930	8.11				
860-7296-5	Artesia-MW11-070121	308031	8.11				

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Sample No.: CCVIS 860-14584/3 Date Analyzed: 07/12/2021 00:05

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): E12211938.D Heated Purge: (Y/N) N

Calibration ID: 1110

		PFB		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		454813	3.86	677379	4.37	591926	6.41
UPPER LIMIT		909626	4.36	1354758	4.87	1183852	6.91
LOWER LIMIT		227407	3.36	338690	3.87	295963	5.91
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 860-14584/4		464889	3.86	695349	4.37	605932	6.41
LCSD 860-14584/5		477592	3.86	710431	4.37	616194	6.41
860-7296-5 MS	Artesia-MW11-070121 MS	471887	3.86	706400	4.37	604300	6.41
860-7296-5 MSD	Artesia-MW11-070121 MSD	477870	3.86	712438	4.37	612576	6.41
MB 860-14584/11		481036	3.86	714518	4.37	598532	6.41
860-7296-1	Artesia-TB01-070121	483971	3.86	718816	4.37	613205	6.41
860-7296-5	Artesia-MW11-070121	482631	3.86	719096	4.37	609105	6.41
860-7296-8	Artesia-MD37-070121	468767	3.86	696353	4.37	565514	6.41

PFB = Pentafluorobenzene
DFBZ = 1,4-Difluorobenzene
CBNZd5 = Chlorobenzene-d5

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Sample No.: CCVIS 860-14584/3 Date Analyzed: 07/12/2021 00:05

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): E12211938.D Heated Purge: (Y/N) N

Calibration ID: 1110

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		296554	8.11				
UPPER LIMIT		593108	8.61				
LOWER LIMIT		148277	7.61				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 860-14584/4		298775	8.11				
LCSD 860-14584/5		297329	8.11				
860-7296-5 MS	Artesia-MW11-070121 MS	294546	8.11				
860-7296-5 MSD	Artesia-MW11-070121 MSD	298195	8.11				
MB 860-14584/11		276345	8.11				
860-7296-1	Artesia-TB01-070121	294094	8.11				
860-7296-5	Artesia-MW11-070121	283134	8.11				
860-7296-8	Artesia-MD37-070121	254348	8.11				

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Client Sample ID: Artesia-TB01-070121 Lab Sample ID: 860-7296-1

Matrix: Water Lab File ID: E12211948.D

Analysis Method: 8260C Date Collected: 07/01/2021 11:00

Sample wt/vol: 5(mL) Date Analyzed: 07/12/2021 03:15

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 14584 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.000216	U	0.00100	0.000216
71-43-2	Benzene	0.000214	U	0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.000244	U	0.00100	0.000244
127-18-4	Tetrachloroethene	0.000500	U	0.00100	0.000500
91-20-3	Naphthalene	0.00200	U	0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	102		74-124
1868-53-7	Dibromofluoromethane (Surr)	100		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		63-144
2037-26-5	Toluene-d8 (Surr)	100		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Client Sample ID: Artesia-MW17C-070121 Lab Sample ID: 860-7296-2

Matrix: Water Lab File ID: J00519.D

Analysis Method: 8260C Date Collected: 07/01/2021 12:10

Sample wt/vol: 5(mL) Date Analyzed: 07/09/2021 19:37

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 14439 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.000216	U	0.00100	0.000216
71-43-2	Benzene	0.000214	U	0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.000244	U	0.00100	0.000244
127-18-4	Tetrachloroethene	0.000500	U	0.00100	0.000500

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	91		74-124
1868-53-7	Dibromofluoromethane (Surr)	97		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		63-144
2037-26-5	Toluene-d8 (Surr)	101		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Client Sample ID: Artesia-MW17C-070121 Lab Sample ID: 860-7296-2

Matrix: Water Lab File ID: E12211851.D

Analysis Method: 8260C Date Collected: 07/01/2021 12:10

Sample wt/vol: 5(mL) Date Analyzed: 07/10/2021 16:10

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 14545 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
91-20-3	Naphthalene	0.00200	U	0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	103		74-124
1868-53-7	Dibromofluoromethane (Surr)	98		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		63-144
2037-26-5	Toluene-d8 (Surr)	101		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Client Sample ID: Artesia-MW12-070121 Lab Sample ID: 860-7296-3

Matrix: Water Lab File ID: J00520.D

Analysis Method: 8260C Date Collected: 07/01/2021 13:00

Sample wt/vol: 5(mL) Date Analyzed: 07/09/2021 19:57

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 14439 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.000719	J	0.00100	0.000216
71-43-2	Benzene	0.000214	U	0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.0252		0.00100	0.000244
127-18-4	Tetrachloroethene	0.000500	U	0.00100	0.000500

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	92		74-124
1868-53-7	Dibromofluoromethane (Surr)	90		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		63-144
2037-26-5	Toluene-d8 (Surr)	102		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Client Sample ID: Artesia-MW12-070121 Lab Sample ID: 860-7296-3

Matrix: Water Lab File ID: E12211852.D

Analysis Method: 8260C Date Collected: 07/01/2021 13:00

Sample wt/vol: 5(mL) Date Analyzed: 07/10/2021 16:29

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 14545 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
91-20-3	Naphthalene	0.00200	U	0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	100		74-124
1868-53-7	Dibromofluoromethane (Surr)	98		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		63-144
2037-26-5	Toluene-d8 (Surr)	100		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Client Sample ID: Artesia-MW38-070121 Lab Sample ID: 860-7296-4

Matrix: Water Lab File ID: J00521.D

Analysis Method: 8260C Date Collected: 07/01/2021 13:30

Sample wt/vol: 5(mL) Date Analyzed: 07/09/2021 20:19

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 14439 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.00178		0.00100	0.000216
71-43-2	Benzene	0.00115		0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.0879		0.00100	0.000244
127-18-4	Tetrachloroethene	0.00349		0.00100	0.000500

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	91		74-124
1868-53-7	Dibromofluoromethane (Surr)	94		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		63-144
2037-26-5	Toluene-d8 (Surr)	104		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Client Sample ID: Artesia-MW38-070121 Lab Sample ID: 860-7296-4

Matrix: Water Lab File ID: E12211853.D

Analysis Method: 8260C Date Collected: 07/01/2021 13:30

Sample wt/vol: 5(mL) Date Analyzed: 07/10/2021 16:48

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 14545 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
91-20-3	Naphthalene	0.00200	U	0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	105		74-124
1868-53-7	Dibromofluoromethane (Surr)	99		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		63-144
2037-26-5	Toluene-d8 (Surr)	100		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Client Sample ID: Artesia-MW11-070121 Lab Sample ID: 860-7296-5

Matrix: Water Lab File ID: E12211875.D

Analysis Method: 8260C Date Collected: 07/01/2021 14:20

Sample wt/vol: 5(mL) Date Analyzed: 07/10/2021 23:46

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 14565 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	0.000214	U	0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.00423		0.00100	0.000244
91-20-3	Naphthalene	0.00200	U	0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	102		74-124
1868-53-7	Dibromofluoromethane (Surr)	99		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		63-144
2037-26-5	Toluene-d8 (Surr)	100		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Client Sample ID: Artesia-MW11-070121 Lab Sample ID: 860-7296-5

Matrix: Water Lab File ID: E12211949.D

Analysis Method: 8260C Date Collected: 07/01/2021 14:20

Sample wt/vol: 5(mL) Date Analyzed: 07/12/2021 03:34

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 14584 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.000216	U	0.00100	0.000216
127-18-4	Tetrachloroethene	0.000500	U	0.00100	0.000500

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	103		74-124
1868-53-7	Dibromofluoromethane (Surr)	98		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		63-144
2037-26-5	Toluene-d8 (Surr)	100		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Client Sample ID: Artesia-MW36-070121 Lab Sample ID: 860-7296-6

Matrix: Water Lab File ID: J00522.D

Analysis Method: 8260C Date Collected: 07/01/2021 14:40

Sample wt/vol: 5(mL) Date Analyzed: 07/09/2021 20:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 14439 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.000216	U	0.00100	0.000216
71-43-2	Benzene	0.000756	J	0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.00903		0.00100	0.000244
127-18-4	Tetrachloroethene	0.00482		0.00100	0.000500

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	89		74-124
1868-53-7	Dibromofluoromethane (Surr)	97		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		63-144
2037-26-5	Toluene-d8 (Surr)	102		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Client Sample ID: Artesia-MW36-070121 Lab Sample ID: 860-7296-6

Matrix: Water Lab File ID: E12211854.D

Analysis Method: 8260C Date Collected: 07/01/2021 14:40

Sample wt/vol: 5(mL) Date Analyzed: 07/10/2021 17:07

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 14545 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
91-20-3	Naphthalene	0.00200	U	0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	104		74-124
1868-53-7	Dibromofluoromethane (Surr)	99		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		63-144
2037-26-5	Toluene-d8 (Surr)	104		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Client Sample ID: Artesia-MW37-070121 Lab Sample ID: 860-7296-7

Matrix: Water Lab File ID: J00523.D

Analysis Method: 8260C Date Collected: 07/01/2021 14:35

Sample wt/vol: 5(mL) Date Analyzed: 07/09/2021 21:10

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 14439 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.00165		0.00100	0.000216
71-43-2	Benzene	0.00103		0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.0147		0.00100	0.000244
127-18-4	Tetrachloroethene	0.00334		0.00100	0.000500

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	91		74-124
1868-53-7	Dibromofluoromethane (Surr)	98		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		63-144
2037-26-5	Toluene-d8 (Surr)	104		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Client Sample ID: Artesia-MW37-070121 Lab Sample ID: 860-7296-7

Matrix: Water Lab File ID: E12211855.D

Analysis Method: 8260C Date Collected: 07/01/2021 14:35

Sample wt/vol: 5(mL) Date Analyzed: 07/10/2021 17:26

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 14545 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
91-20-3	Naphthalene	0.00200	U	0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	103		74-124
1868-53-7	Dibromofluoromethane (Surr)	100		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		63-144
2037-26-5	Toluene-d8 (Surr)	99		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Client Sample ID: Artesia-MD37-070121 Lab Sample ID: 860-7296-8

Matrix: Water Lab File ID: E12211950.D

Analysis Method: 8260C Date Collected: 07/01/2021 14:45

Sample wt/vol: 5(mL) Date Analyzed: 07/12/2021 03:53

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 14584 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.00160		0.00100	0.000216
71-43-2	Benzene	0.00118		0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.0186		0.00100	0.000244
127-18-4	Tetrachloroethene	0.00276		0.00100	0.000500
91-20-3	Naphthalene	0.00200	U	0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	104		74-124
1868-53-7	Dibromofluoromethane (Surr)	99		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		63-144
2037-26-5	Toluene-d8 (Surr)	103		80-117

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1 Analy Batch No.: 9678

SDG No.:

Instrument ID: A131 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/02/2021 13:43 Calibration End Date: 06/02/2021 16:20 Calibration ID: 912

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-9678/2	J99647.D
Level 2	IC 860-9678/3	J99648.D
Level 3	IC 860-9678/4	J99649.D
Level 4	IC 860-9678/5	J99650.D
Level 5	IC 860-9678/6	J99651.D
Level 6	ICIS 860-9678/7	J99652.D
Level 7	IC 860-9678/8	J99653.D
Level 8	IC 860-9678/9	J99654.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Chloromethane	0.5058 0.5119	0.4502 0.5211	0.4981 +++++	0.5404	0.5093	Ave		0.5052				5.5		20.0			
Vinyl chloride	0.4870 0.5446	0.5050 0.5351	0.5435 +++++	0.5665	0.5301	Ave		0.5303				5.0		20.0			
1,1-Dichloroethene	+++++ 0.4253	0.4187 0.4091	0.4431 +++++	0.4428	0.4268	Ave		0.4276				3.1		20.0			
Acetone	+++++ 0.1530	+++++ 0.1541	0.0663 0.1488	0.1758	0.1528	Lin1	-1.004	0.1544				20.7			0.9940		0.9900
MTBE	+++++ 1.1188	1.0078 1.1459	1.0624 1.1395	1.1170	1.0754	Ave		1.0952				4.5		20.0			
trans-1,2-Dichloroethene	0.3641 0.4282	0.4235 0.4278	0.3909 +++++	0.4084	0.4165	Ave		0.4085				5.8		20.0			
1,1-Dichloroethane	+++++ 0.8034	0.7161 0.8128	0.7791 +++++	0.8019	0.7874	Ave		0.7835				4.5		20.0			
cis-1,2-Dichloroethene	0.5400 0.6074	0.6939 0.6295	0.6109 +++++	0.6605	0.5904	Ave		0.6189				8.0		20.0			
2-Butanone	+++++ 0.2007	0.1693 0.1991	0.1845 +++++	0.1966	0.1850	Ave		0.1892				6.3		20.0			
Chloroform	0.8763 0.9094	0.8382 0.9011	0.9223 +++++	0.9306	0.8812	Ave		0.8942				3.5		20.0			
Carbon tetrachloride	+++++ 0.8098	+++++ 0.7545	0.6381 0.7435	0.6810	0.8434	Ave		0.7450				10.3		20.0			
Benzene	1.3159 1.1225	1.2064 1.1605	1.1679 1.0972	1.1671	1.1206	Ave		1.1698				5.8		20.0			
1,2-Dichloroethane	0.3810 0.4041	0.4048 0.4039	0.4398 +++++	0.4082	0.4072	Ave		0.4070				4.2		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1 Analy Batch No.: 9678

SDG No.:

Instrument ID: A131 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/02/2021 13:43 Calibration End Date: 06/02/2021 16:20 Calibration ID: 912

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Trichloroethene	0.3860 0.3126	0.3510 0.3397	0.3381 +++++	0.3222	0.3207	Ave		0.3386				7.3		20.0			
1,2-Dichloropropane	+++++ 0.2872	0.2980 0.2922	0.2992 +++++	0.3023	0.2962	Ave		0.2958				1.8		20.0			
Toluene	0.8447 0.7388	0.7524 0.7362	0.7680 0.6973	0.7727	0.6986	Ave		0.7511				6.3		20.0			
Tetrachloroethene	0.3050 0.3101	0.2988 0.3117	0.3497 +++++	0.3296	0.2908	Ave		0.3137				6.4		20.0			
Chlorobenzene	+++++ 0.8931	0.9207 0.8867	0.9300 +++++	0.8965	0.8424	Ave		0.8949				3.4		20.0			
Ethylbenzene	1.4519 1.4228	1.4763 1.4275	1.4974 1.3261	1.4592	1.3589	Ave		1.4275				4.1		20.0			
m,p-Xylenes	1.0047 1.1126	1.1172 1.0931	1.1457 1.0250	1.1263	1.0847	Ave		1.0887				4.6		20.0			
o-Xylene	+++++ 1.2087	1.0637 1.1998	1.1623 1.1582	1.1872	1.1190	Ave		1.1570				4.4		20.0			
Bromoform	+++++ 0.3046	0.2669 0.3031	0.3028 +++++	0.3072	0.2848	Ave		0.2949				5.4		20.0			
1,1,2,2-Tetrachloroethane	+++++ 0.6951	0.6416 0.6811	0.6789 +++++	0.7105	0.6526	Ave		0.6766				3.8		20.0			
1,4-Dichlorobenzene	1.2732 1.3643	1.2439 1.3640	1.2967 +++++	1.2829	1.2890	Ave		1.3020				3.5		20.0			
Hexachlorobutadiene	+++++ 0.4200	0.3248 0.4181	0.3543 +++++	0.4041	0.3719	Ave		0.3822				10.0		20.0			
Dibromofluoromethane (Surr)	0.5334 0.5019	0.5207 0.5179	0.5166 0.5138	0.5094	0.5245	Ave		0.5173				1.8		20.0			
1,2-Dichloroethane-d4 (Surr)	0.3721 0.3318	0.3697 0.3403	0.3694 0.3130	0.3741	0.3636	Ave		0.3542				6.5		20.0			
Toluene-d8 (Surr)	1.2362 1.1580	1.2533 1.1087	1.2314 1.0511	1.2274	1.1830	Ave		1.1811				6.0		20.0			
4-Bromofluorobenzene (Surr)	0.9675 0.9026	0.9315 0.9325	0.9326 0.9366	0.9473	0.9326	Ave		0.9354				1.9		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1 Analy Batch No.: 9678

SDG No.:

Instrument ID: A131 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/02/2021 13:43 Calibration End Date: 06/02/2021 16:20 Calibration ID: 912

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-9678/2	J99647.D
Level 2	IC 860-9678/3	J99648.D
Level 3	IC 860-9678/4	J99649.D
Level 4	IC 860-9678/5	J99650.D
Level 5	IC 860-9678/6	J99651.D
Level 6	ICIS 860-9678/7	J99652.D
Level 7	IC 860-9678/8	J99653.D
Level 8	IC 860-9678/9	J99654.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chloromethane	PFB	Ave	1346 138216	2459 281142	13577 +++++	29328	67910	0.500 50.0	1.00 100	5.00 +++++	10.0	25.0
Vinyl chloride	PFB	Ave	1296 147049	2758 288677	14817 +++++	30745	70690	0.500 50.0	1.00 100	5.00 +++++	10.0	25.0
1,1-Dichloroethene	PFB	Ave	+++++ 114848	2287 220725	12079 +++++	24028	56919	+++++ 50.0	1.00 100	5.00 +++++	10.0	25.0
Acetone	PFB	Lin1	+++++ 206506	+++++ 415696	9038 625309	47695	101907	+++++ 250	+++++ 500	25.0 750	50.0	125
MTBE	PFB	Ave	+++++ 302101	5504 618222	28960 957393	60619	143400	+++++ 50.0	1.00 100	5.00 150	10.0	25.0
trans-1,2-Dichloroethene	PFB	Ave	969 115616	2313 230805	10655 +++++	22163	55537	0.500 50.0	1.00 100	5.00 +++++	10.0	25.0
1,1-Dichloroethane	PFB	Ave	+++++ 216944	3911 438538	21238 +++++	43519	104994	+++++ 50.0	1.00 100	5.00 +++++	10.0	25.0
cis-1,2-Dichloroethene	PFB	Ave	1437 164016	3790 339617	16652 +++++	35846	78729	0.500 50.0	1.00 100	5.00 +++++	10.0	25.0
2-Butanone	PFB	Ave	+++++ 270938	4624 536980	25152 +++++	53349	123376	+++++ 250	5.00 500	25.0 +++++	50.0	125
Chloroform	PFB	Ave	2332 245551	4578 486191	25142 +++++	50504	117513	0.500 50.0	1.00 100	5.00 +++++	10.0	25.0
Carbon tetrachloride	PFB	Ave	+++++ 218654	+++++ 407060	17395 624655	36957	112473	+++++ 50.0	+++++ 100	5.00 150	10.0	25.0
Benzene	DFBZ	Ave	5005 451653	9215 938450	44035 1422893	89513	215230	0.500 50.0	1.00 100	5.00 150	10.0	25.0
1,2-Dichloroethane	DFBZ	Ave	1449 162619	3092 326645	16581 +++++	31305	78210	0.500 50.0	1.00 100	5.00 +++++	10.0	25.0

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1 Analy Batch No.: 9678

SDG No.:

Instrument ID: A131 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/02/2021 13:43 Calibration End Date: 06/02/2021 16:20 Calibration ID: 912

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Trichloroethene	DFBZ	Ave	1468 125771	2681 274683	12747 +++++	24710	61593	0.500 50.0	1.00 100	5.00 +++++	10.0	25.0
1,2-Dichloropropane	DFBZ	Ave	+++++ 115566	2276 236319	11279 +++++	23182	56886	+++++ 50.0	1.00 100	5.00 +++++	10.0	25.0
Toluene	CBNZ d5	Ave	2883 282590	5092 581993	26616 888831	55194	129264	0.500 50.0	1.00 100	5.00 150	10.0	25.0
Tetrachloroethene	CBNZ d5	Ave	1041 118594	2022 246422	12121 +++++	23546	53815	0.500 50.0	1.00 100	5.00 +++++	10.0	25.0
Chlorobenzene	CBNZ d5	Ave	+++++ 341601	6231 700944	32231 +++++	64033	155873	+++++ 50.0	1.00 100	5.00 +++++	10.0	25.0
Ethylbenzene	CBNZ d5	Ave	4955 544220	9991 1128444	51896 1690482	104233	251444	0.500 50.0	1.00 100	5.00 150	10.0	25.0
m,p-Xylenes	CBNZ d5	Ave	6858 851136	15121 1728231	79411 2613117	160902	401409	1.00 100	2.00 200	10.0 300	20.0	50.0
o-Xylene	CBNZ d5	Ave	+++++ 462306	7199 948452	40282 1476430	84802	207050	+++++ 50.0	1.00 100	5.00 150	10.0	25.0
Bromoform	CBNZ d5	Ave	+++++ 116507	1806 239583	10495 +++++	21945	52703	+++++ 50.0	1.00 100	5.00 +++++	10.0	25.0
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	+++++ 132275	2141 268337	11999 +++++	24387	59551	+++++ 50.0	1.00 100	5.00 +++++	10.0	25.0
1,4-Dichlorobenzene	DCBd 4	Ave	2070 259634	4151 537379	22919 +++++	44033	117629	0.500 50.0	1.00 100	5.00 +++++	10.0	25.0
Hexachlorobutadiene	DCBd 4	Ave	+++++ 79929	1084 164712	6262 +++++	13871	33940	+++++ 50.0	1.00 100	5.00 +++++	10.0	25.0
Dibromofluoromethane (Surr)	PFB	Ave	141945 135508	142181 139720	140817 143900	138234	139888	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1 Analy Batch No.: 9678

SDG No.:

Instrument ID: A131 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/02/2021 13:43 Calibration End Date: 06/02/2021 16:20 Calibration ID: 912

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,2-Dichloroethane-d4 (Surr)	DFBZ	Ave	141536 133519	141183 137598	139272 135305	143444	139654	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	421888 442927	424090 438237	426766 446629	438345	437765	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
4-Bromofluorobenzene (Surr)	DCBd 4	Ave	157307 171778	155424 183683	164848 193249	162577	170196	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0

Curve Type Legend

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD

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Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

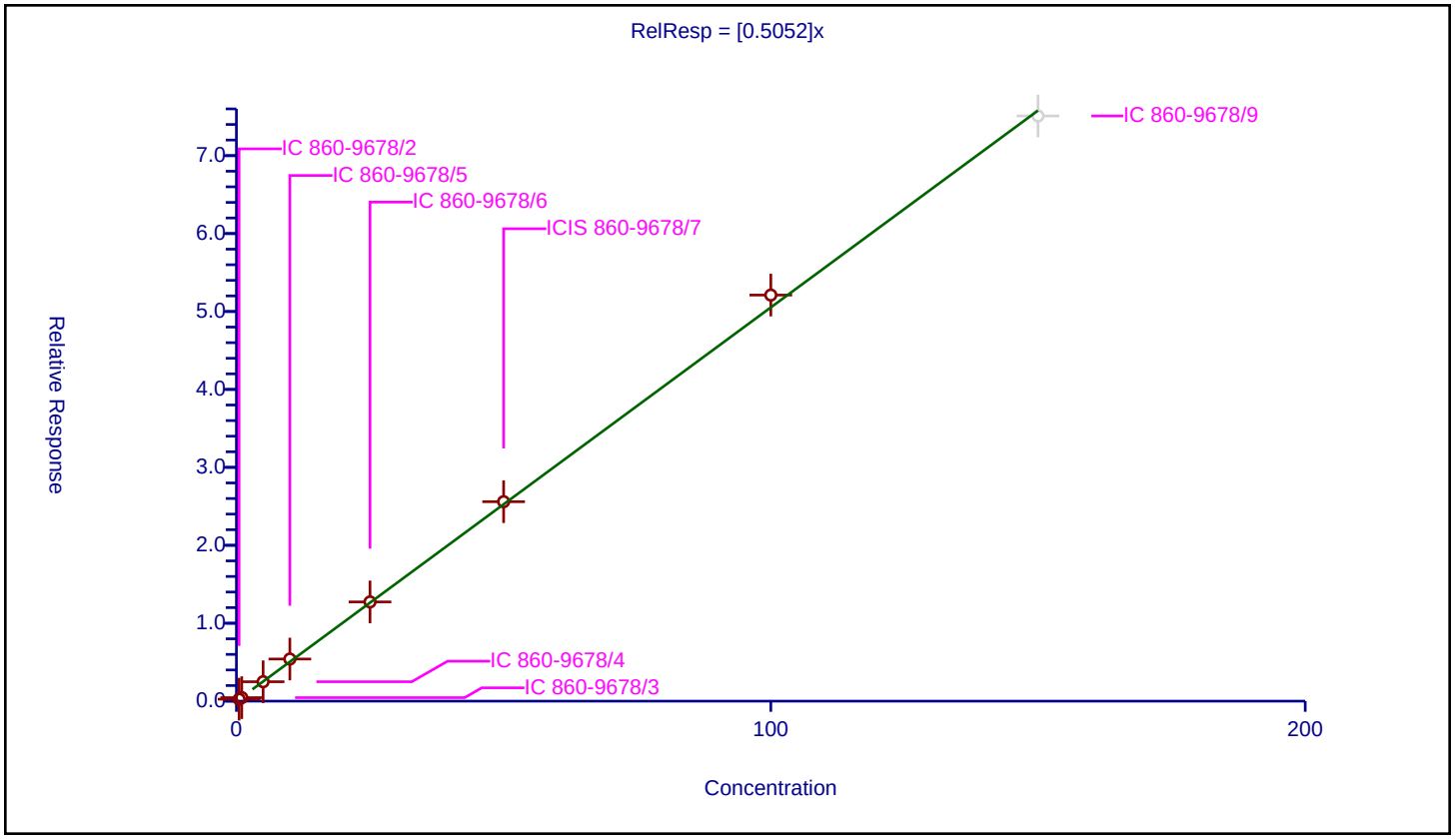
Curve Coefficients

Intercept:	0
Slope:	0.5052

Error Coefficients

Standard Error:	132000
Relative Standard Error:	5.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-9678/2	0.5	0.252896	50.0	266117.0	0.505793	Y
2	IC 860-9678/3	1.0	0.450239	50.0	273077.0	0.450239	Y
3	IC 860-9678/4	5.0	2.490288	50.0	272599.0	0.498058	Y
4	IC 860-9678/5	10.0	5.40425	50.0	271342.0	0.540425	Y
5	IC 860-9678/6	25.0	12.731438	50.0	266702.0	0.509258	Y
6	ICIS 860-9678/7	50.0	25.594039	50.0	270016.0	0.511881	Y
7	IC 860-9678/8	100.0	52.109267	50.0	269762.0	0.521093	Y
8	IC 860-9678/9	150.0	75.090424	50.0	280069.0	0.500603	N



Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

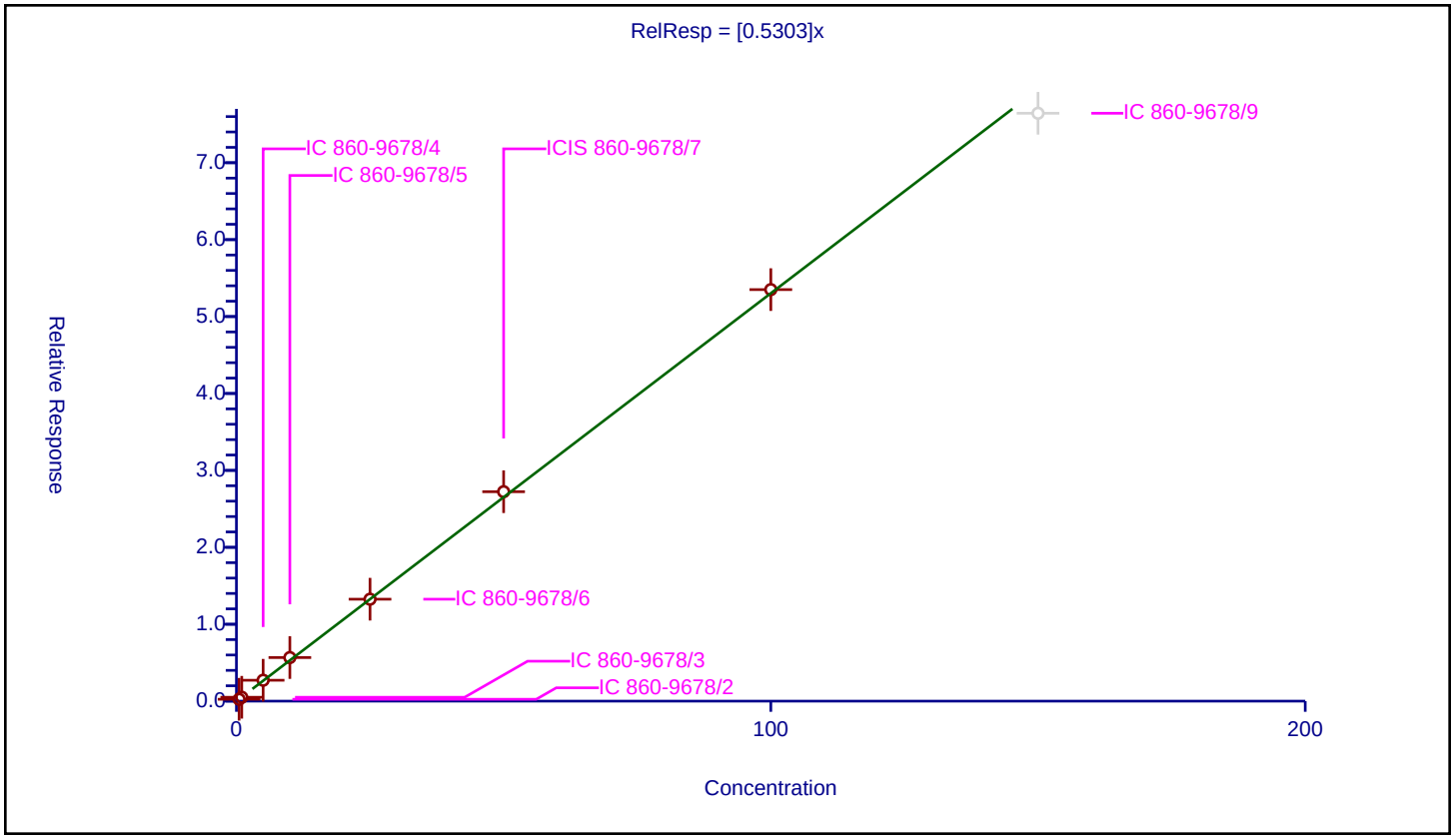
Curve Coefficients

Intercept:	0
Slope:	0.5303

Error Coefficients

Standard Error:	136000
Relative Standard Error:	5.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-9678/2	0.5	0.243502	50.0	266117.0	0.487004	Y
2	IC 860-9678/3	1.0	0.504986	50.0	273077.0	0.504986	Y
3	IC 860-9678/4	5.0	2.717728	50.0	272599.0	0.543546	Y
4	IC 860-9678/5	10.0	5.66536	50.0	271342.0	0.566536	Y
5	IC 860-9678/6	25.0	13.252619	50.0	266702.0	0.530105	Y
6	ICIS 860-9678/7	50.0	27.229683	50.0	270016.0	0.544594	Y
7	IC 860-9678/8	100.0	53.505868	50.0	269762.0	0.535059	Y
8	IC 860-9678/9	150.0	76.432058	50.0	280069.0	0.509547	N



Calibration / 1,1-Dichloroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

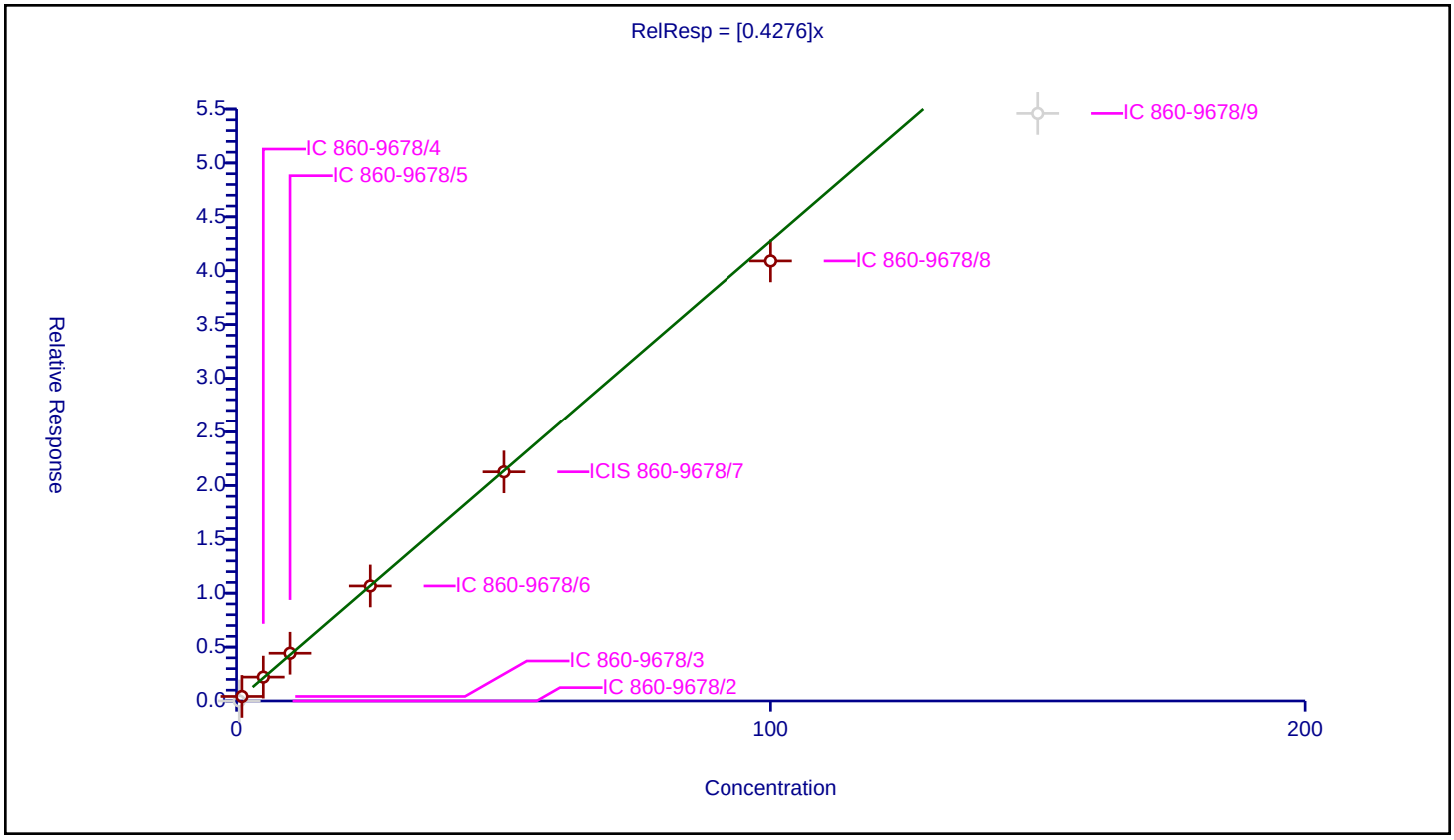
Curve Coefficients

Intercept:	0
Slope:	0.4276

Error Coefficients

Standard Error:	115000
Relative Standard Error:	3.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-9678/2	0.5	0.0	50.0	266117.0	0.0	N
2	IC 860-9678/3	1.0	0.418746	50.0	273077.0	0.418746	Y
3	IC 860-9678/4	5.0	2.215525	50.0	272599.0	0.443105	Y
4	IC 860-9678/5	10.0	4.427623	50.0	271342.0	0.442762	Y
5	IC 860-9678/6	25.0	10.670899	50.0	266702.0	0.426836	Y
6	ICIS 860-9678/7	50.0	21.266888	50.0	270016.0	0.425338	Y
7	IC 860-9678/8	100.0	40.911062	50.0	269762.0	0.409111	Y
8	IC 860-9678/9	150.0	54.593511	50.0	280069.0	0.363957	N



Calibration / Acetone

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

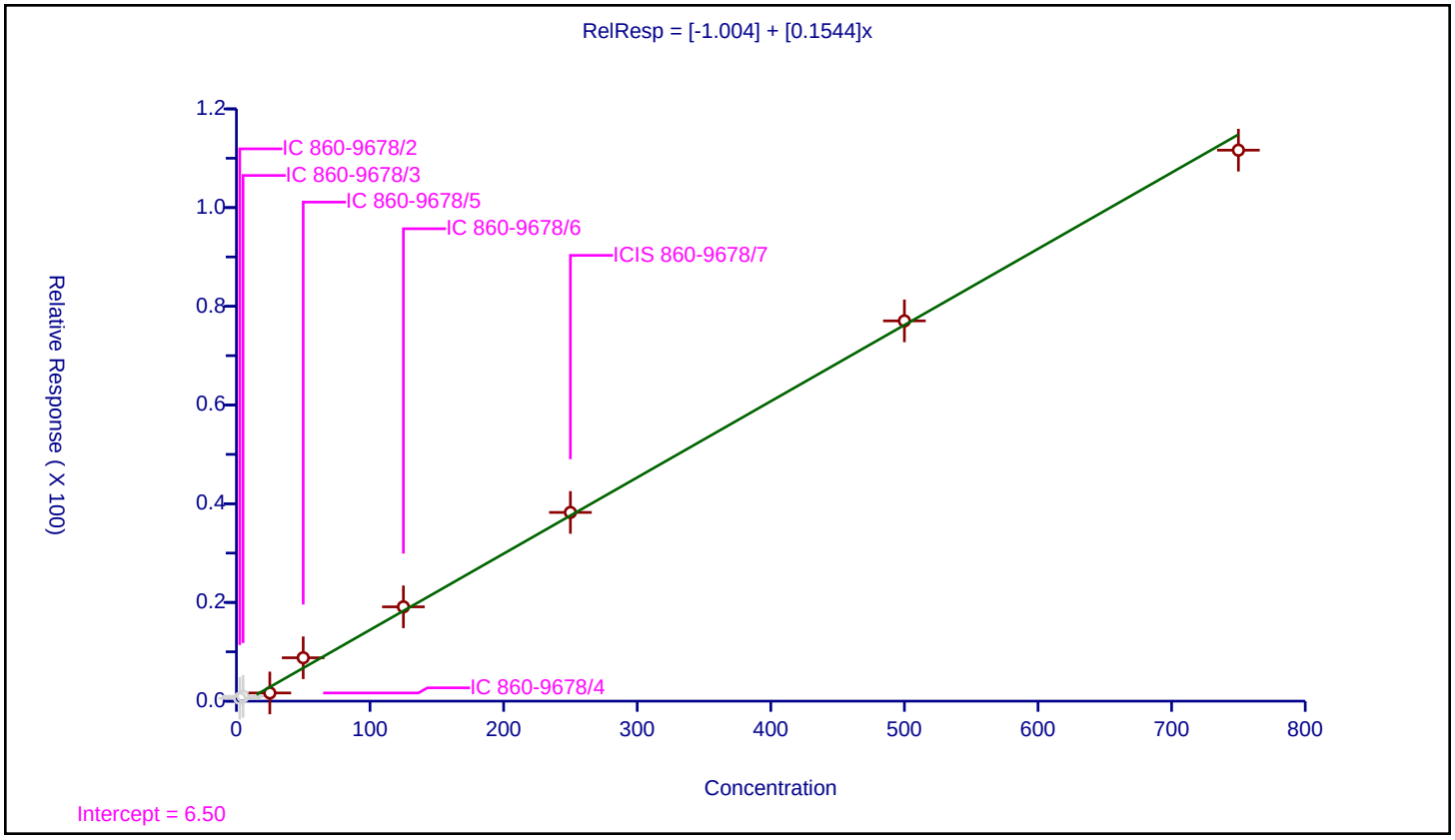
Curve Coefficients

Intercept:	-1.004
Slope:	0.1544

Error Coefficients

Standard Error:	393000
Relative Standard Error:	20.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-9678/2	2.5	0.581323	50.0	266117.0	0.232529	N
2	IC 860-9678/3	5.0	0.979028	50.0	273077.0	0.195806	N
3	IC 860-9678/4	25.0	1.657746	50.0	272599.0	0.06631	Y
4	IC 860-9678/5	50.0	8.788724	50.0	271342.0	0.175774	Y
5	IC 860-9678/6	125.0	19.105031	50.0	266702.0	0.15284	Y
6	ICIS 860-9678/7	250.0	38.239586	50.0	270016.0	0.152958	Y
7	IC 860-9678/8	500.0	77.048658	50.0	269762.0	0.154097	Y
8	IC 860-9678/9	750.0	111.634811	50.0	280069.0	0.148846	Y



Calibration / Methyl tert-butyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

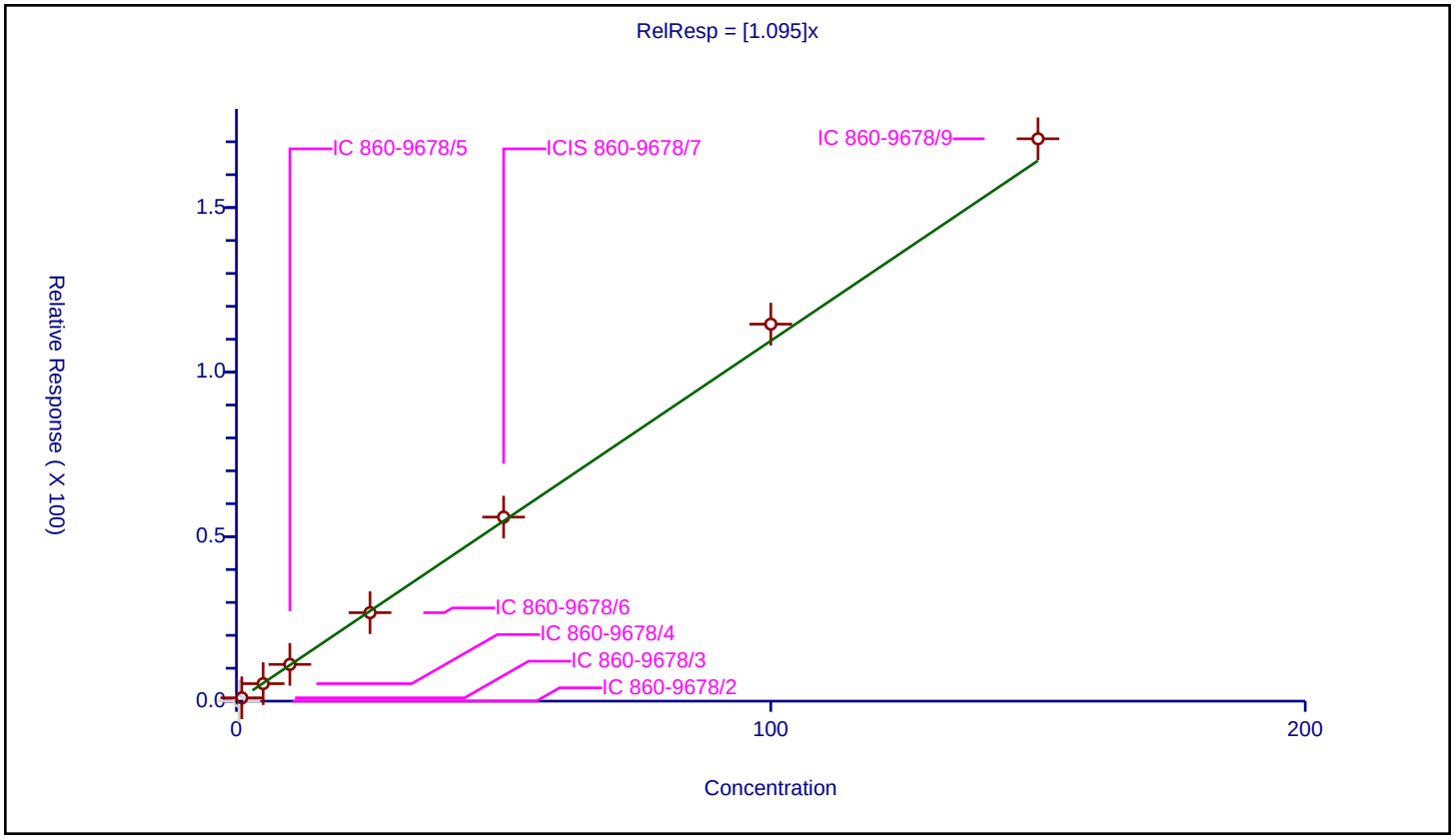
Curve Coefficients

Intercept:	0
Slope:	1.095

Error Coefficients

Standard Error:	486000
Relative Standard Error:	4.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-9678/2	0.5	0.0	50.0	266117.0	0.0	N
2	IC 860-9678/3	1.0	1.007774	50.0	273077.0	1.007774	Y
3	IC 860-9678/4	5.0	5.311832	50.0	272599.0	1.062366	Y
4	IC 860-9678/5	10.0	11.170221	50.0	271342.0	1.117022	Y
5	IC 860-9678/6	25.0	26.883938	50.0	266702.0	1.075358	Y
6	ICIS 860-9678/7	50.0	55.941315	50.0	270016.0	1.118826	Y
7	IC 860-9678/8	100.0	114.586561	50.0	269762.0	1.145866	Y
8	IC 860-9678/9	150.0	170.920916	50.0	280069.0	1.139473	Y



Calibration / trans-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

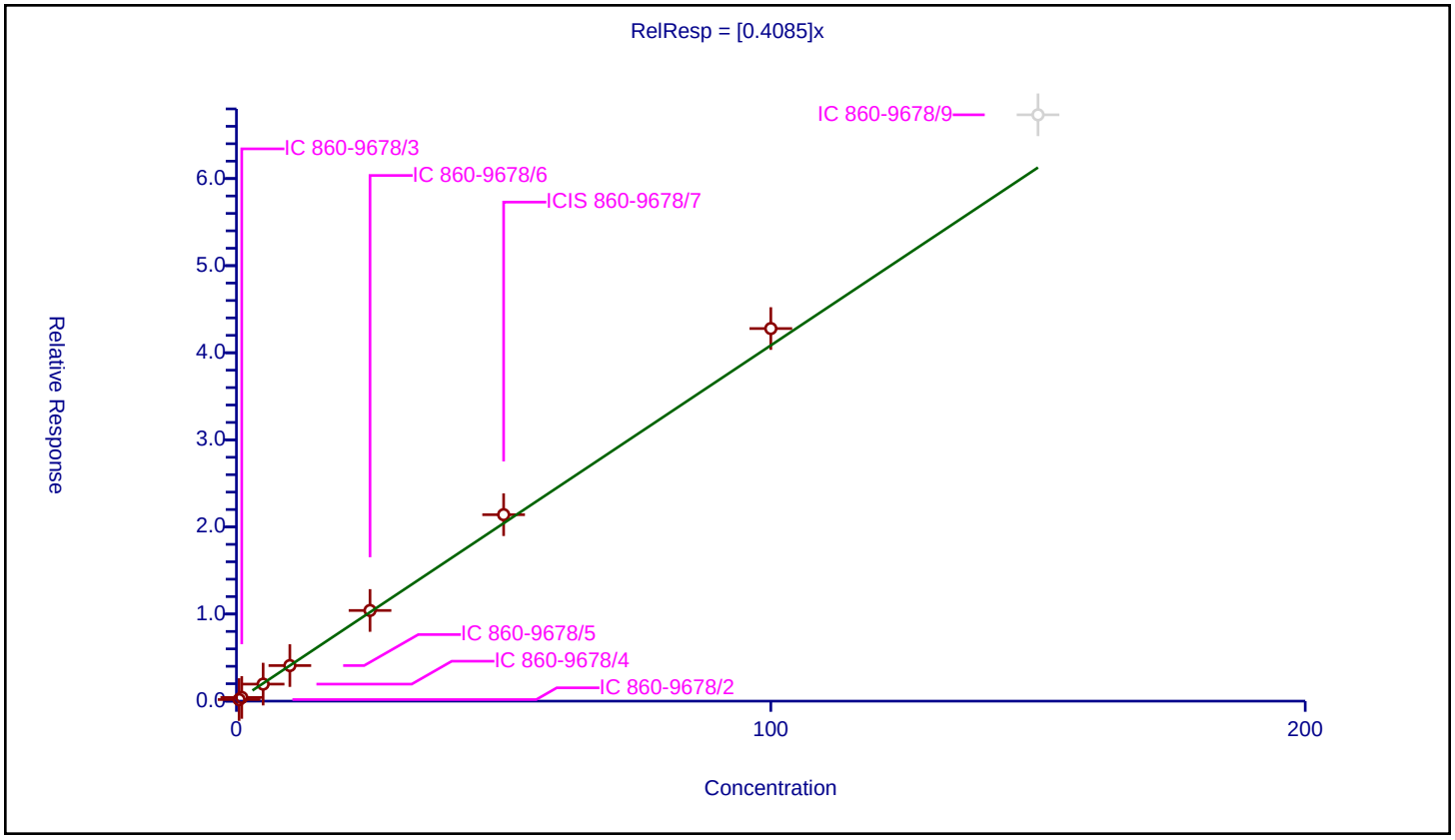
Curve Coefficients

Intercept:	0
Slope:	0.4085

Error Coefficients

Standard Error:	108000
Relative Standard Error:	5.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-9678/2	0.5	0.182063	50.0	266117.0	0.364126	Y
2	IC 860-9678/3	1.0	0.423507	50.0	273077.0	0.423507	Y
3	IC 860-9678/4	5.0	1.954336	50.0	272599.0	0.390867	Y
4	IC 860-9678/5	10.0	4.08396	50.0	271342.0	0.408396	Y
5	IC 860-9678/6	25.0	10.411808	50.0	266702.0	0.416472	Y
6	ICIS 860-9678/7	50.0	21.409102	50.0	270016.0	0.428182	Y
7	IC 860-9678/8	100.0	42.779376	50.0	269762.0	0.427794	Y
8	IC 860-9678/9	150.0	67.320018	50.0	280069.0	0.4488	N



Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

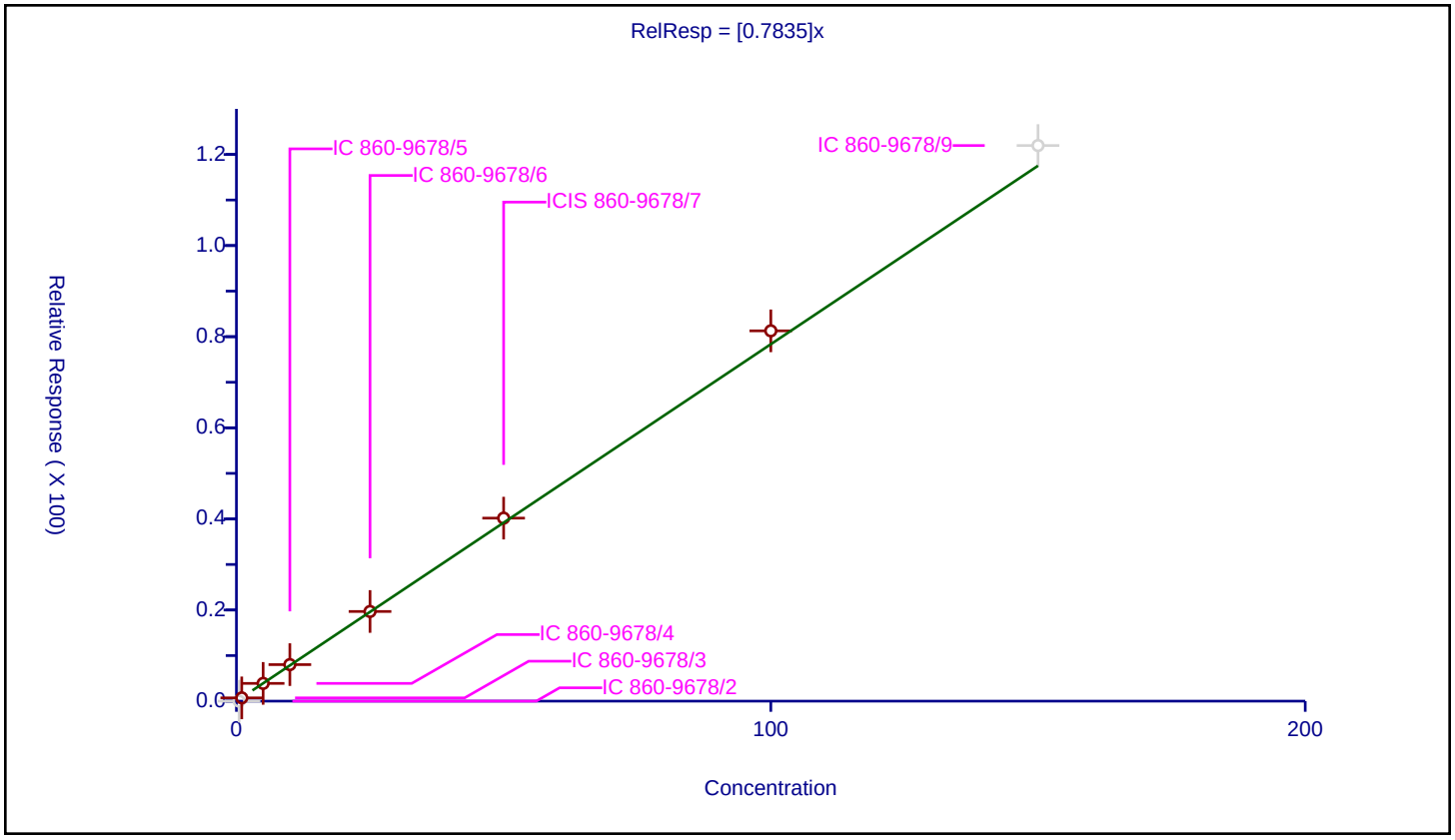
Curve Coefficients

Intercept:	0
Slope:	0.7835

Error Coefficients

Standard Error:	225000
Relative Standard Error:	4.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-9678/2	0.5	0.0	50.0	266117.0	0.0	N
2	IC 860-9678/3	1.0	0.716098	50.0	273077.0	0.716098	Y
3	IC 860-9678/4	5.0	3.895466	50.0	272599.0	0.779093	Y
4	IC 860-9678/5	10.0	8.019216	50.0	271342.0	0.801922	Y
5	IC 860-9678/6	25.0	19.683767	50.0	266702.0	0.787351	Y
6	ICIS 860-9678/7	50.0	40.172434	50.0	270016.0	0.803449	Y
7	IC 860-9678/8	100.0	81.28239	50.0	269762.0	0.812824	Y
8	IC 860-9678/9	150.0	121.95816	50.0	280069.0	0.813054	N



Calibration / cis-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

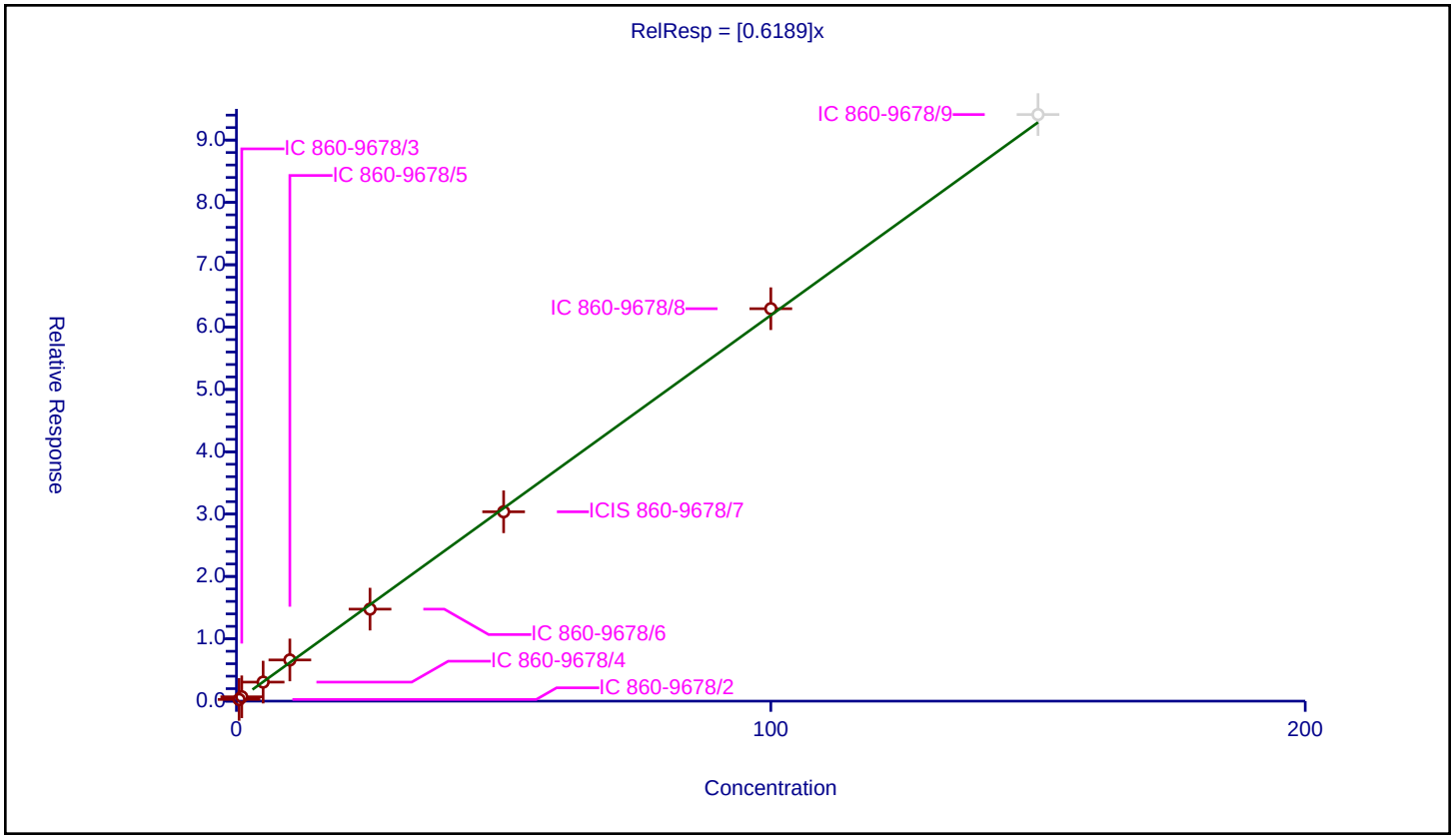
Curve Coefficients

Intercept:	0
Slope:	0.6189

Error Coefficients

Standard Error:	158000
Relative Standard Error:	8.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-9678/2	0.5	0.269994	50.0	266117.0	0.539988	Y
2	IC 860-9678/3	1.0	0.693943	50.0	273077.0	0.693943	Y
3	IC 860-9678/4	5.0	3.054303	50.0	272599.0	0.610861	Y
4	IC 860-9678/5	10.0	6.605317	50.0	271342.0	0.660532	Y
5	IC 860-9678/6	25.0	14.759732	50.0	266702.0	0.590389	Y
6	ICIS 860-9678/7	50.0	30.371534	50.0	270016.0	0.607431	Y
7	IC 860-9678/8	100.0	62.947524	50.0	269762.0	0.629475	Y
8	IC 860-9678/9	150.0	94.093598	50.0	280069.0	0.627291	N



Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

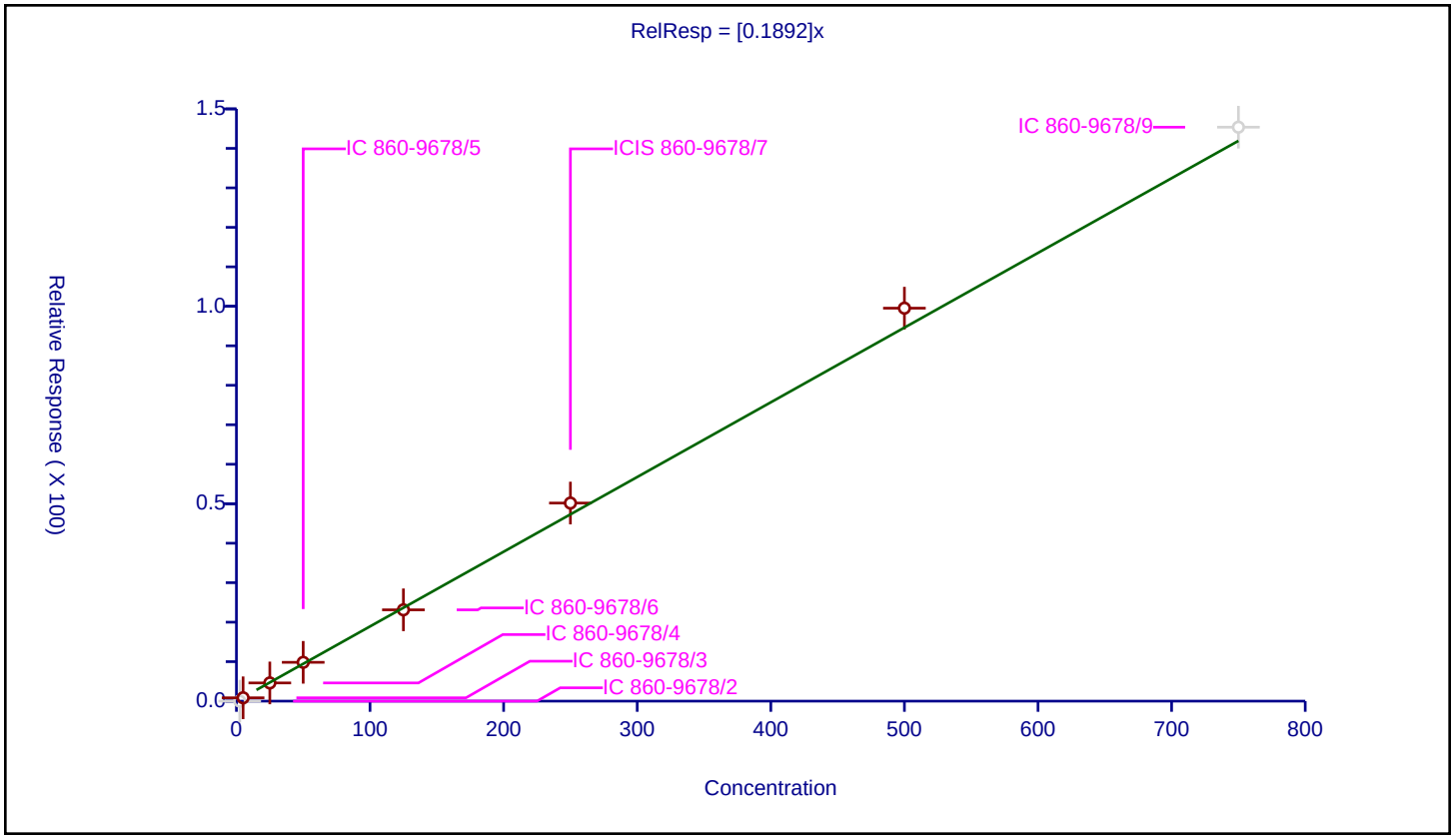
Curve Coefficients

Intercept:	0
Slope:	0.1892

Error Coefficients

Standard Error:	276000
Relative Standard Error:	6.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-9678/2	2.5	0.0	50.0	266117.0	0.0	N
2	IC 860-9678/3	5.0	0.846648	50.0	273077.0	0.16933	Y
3	IC 860-9678/4	25.0	4.61337	50.0	272599.0	0.184535	Y
4	IC 860-9678/5	50.0	9.830583	50.0	271342.0	0.196612	Y
5	IC 860-9678/6	125.0	23.129935	50.0	266702.0	0.185039	Y
6	ICIS 860-9678/7	250.0	50.170731	50.0	270016.0	0.200683	Y
7	IC 860-9678/8	500.0	99.528473	50.0	269762.0	0.199057	Y
8	IC 860-9678/9	750.0	145.363643	50.0	280069.0	0.193818	N



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

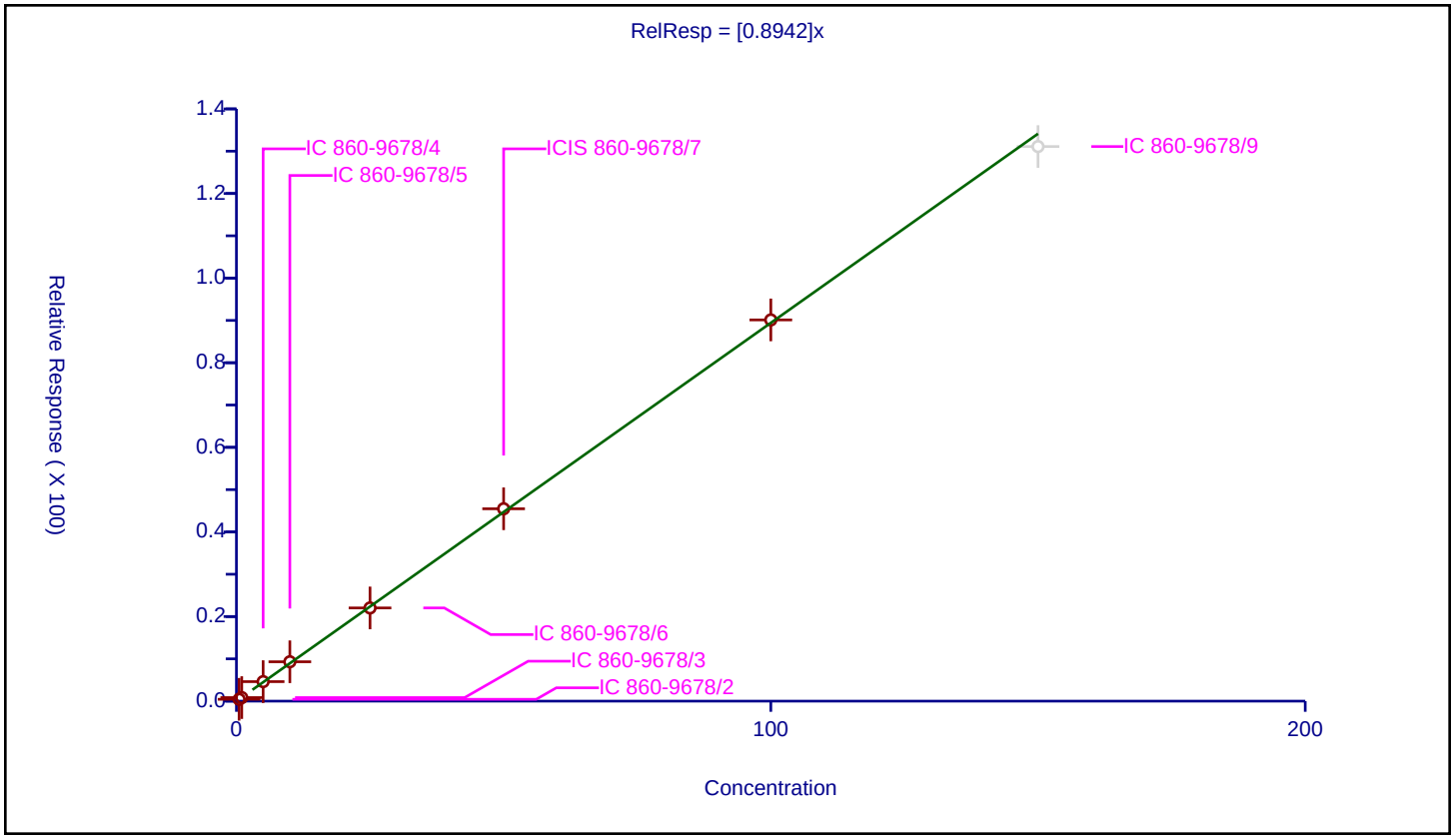
Curve Coefficients

Intercept:	0
Slope:	0.8942

Error Coefficients

Standard Error:	229000
Relative Standard Error:	3.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-9678/2	0.5	0.438153	50.0	266117.0	0.876306	Y
2	IC 860-9678/3	1.0	0.838225	50.0	273077.0	0.838225	Y
3	IC 860-9678/4	5.0	4.611536	50.0	272599.0	0.922307	Y
4	IC 860-9678/5	10.0	9.306337	50.0	271342.0	0.930634	Y
5	IC 860-9678/6	25.0	22.030768	50.0	266702.0	0.881231	Y
6	ICIS 860-9678/7	50.0	45.469713	50.0	270016.0	0.909394	Y
7	IC 860-9678/8	100.0	90.114805	50.0	269762.0	0.901148	Y
8	IC 860-9678/9	150.0	131.096801	50.0	280069.0	0.873979	N



Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

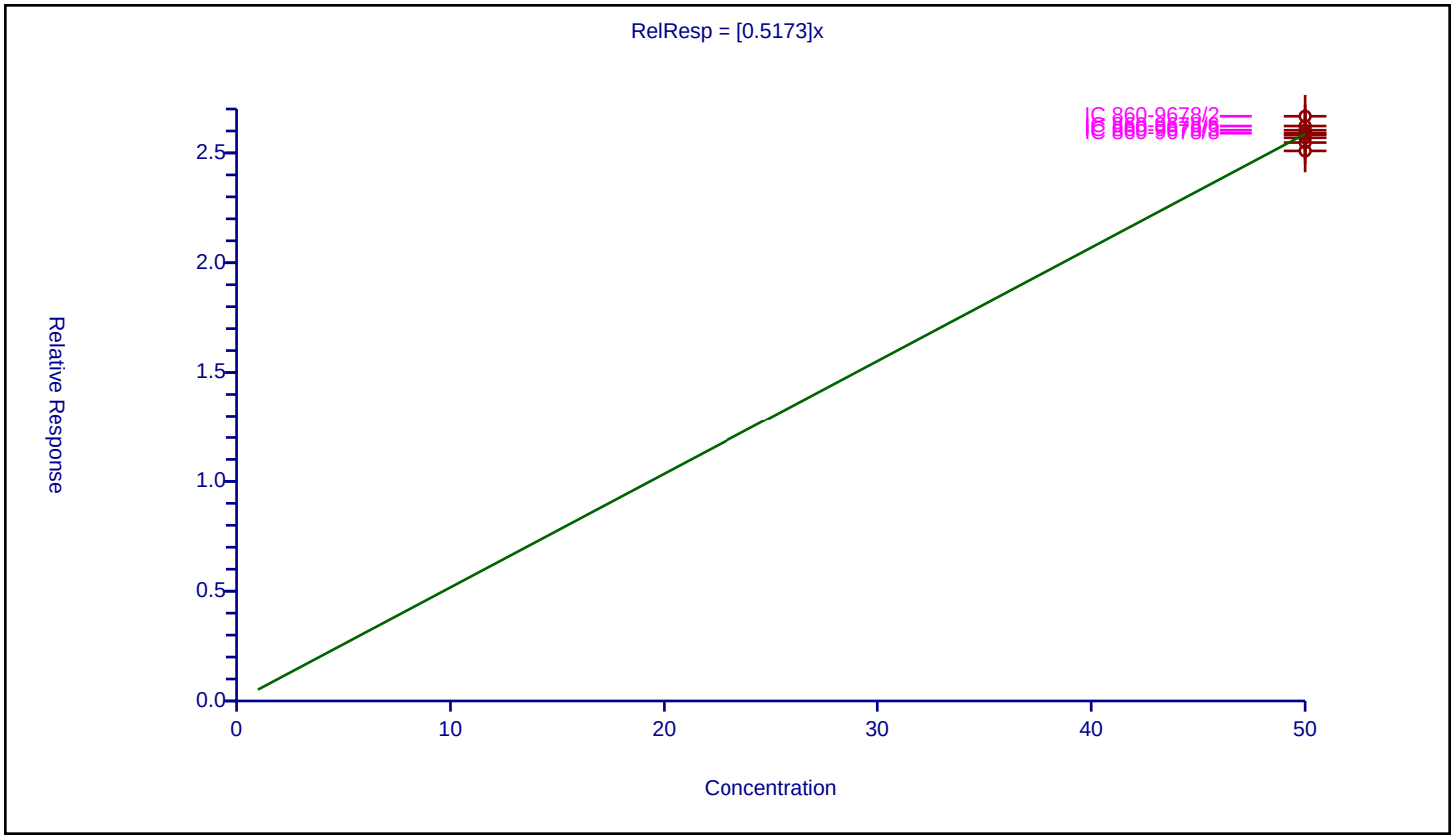
Curve Coefficients

Intercept:	0
Slope:	0.5173

Error Coefficients

Standard Error:	150000
Relative Standard Error:	1.8
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-9678/2	50.0	26.66966	50.0	266117.0	0.533393	Y
2	IC 860-9678/3	50.0	26.033134	50.0	273077.0	0.520663	Y
3	IC 860-9678/4	50.0	25.828598	50.0	272599.0	0.516572	Y
4	IC 860-9678/5	50.0	25.472282	50.0	271342.0	0.509446	Y
5	IC 860-9678/6	50.0	26.225525	50.0	266702.0	0.524511	Y
6	ICIS 860-9678/7	50.0	25.092587	50.0	270016.0	0.501852	Y
7	IC 860-9678/8	50.0	25.896902	50.0	269762.0	0.517938	Y
8	IC 860-9678/9	50.0	25.690098	50.0	280069.0	0.513802	Y



Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

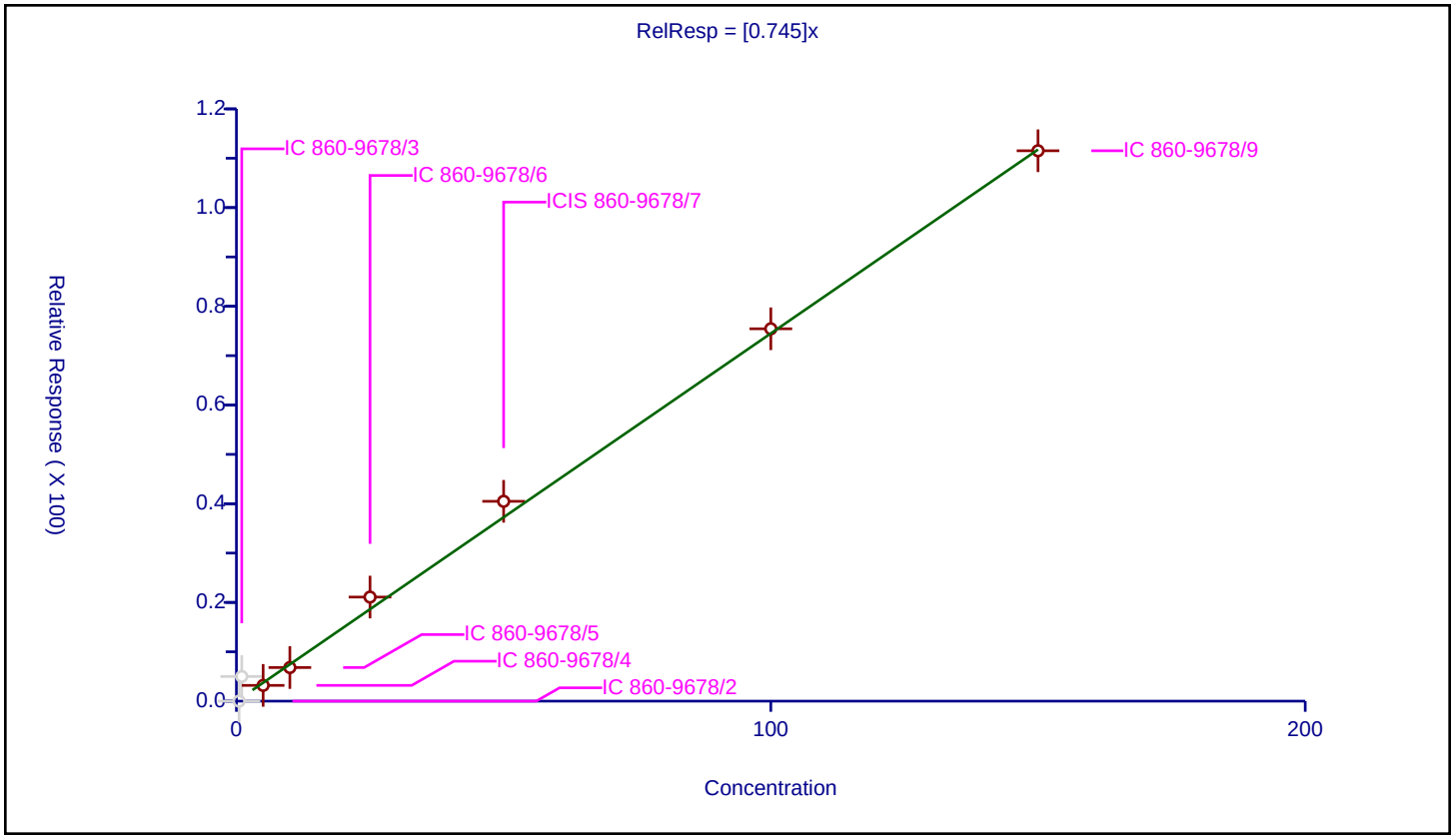
Curve Coefficients

Intercept:	0
Slope:	0.745

Error Coefficients

Standard Error:	352000
Relative Standard Error:	10.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-9678/2	0.5	0.0	50.0	266117.0	0.0	N
2	IC 860-9678/3	1.0	4.994928	50.0	273077.0	4.994928	N
3	IC 860-9678/4	5.0	3.190584	50.0	272599.0	0.638117	Y
4	IC 860-9678/5	10.0	6.81004	50.0	271342.0	0.681004	Y
5	IC 860-9678/6	25.0	21.085894	50.0	266702.0	0.843436	Y
6	ICIS 860-9678/7	50.0	40.489082	50.0	270016.0	0.809782	Y
7	IC 860-9678/8	100.0	75.447987	50.0	269762.0	0.75448	Y
8	IC 860-9678/9	150.0	111.518054	50.0	280069.0	0.743454	Y



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

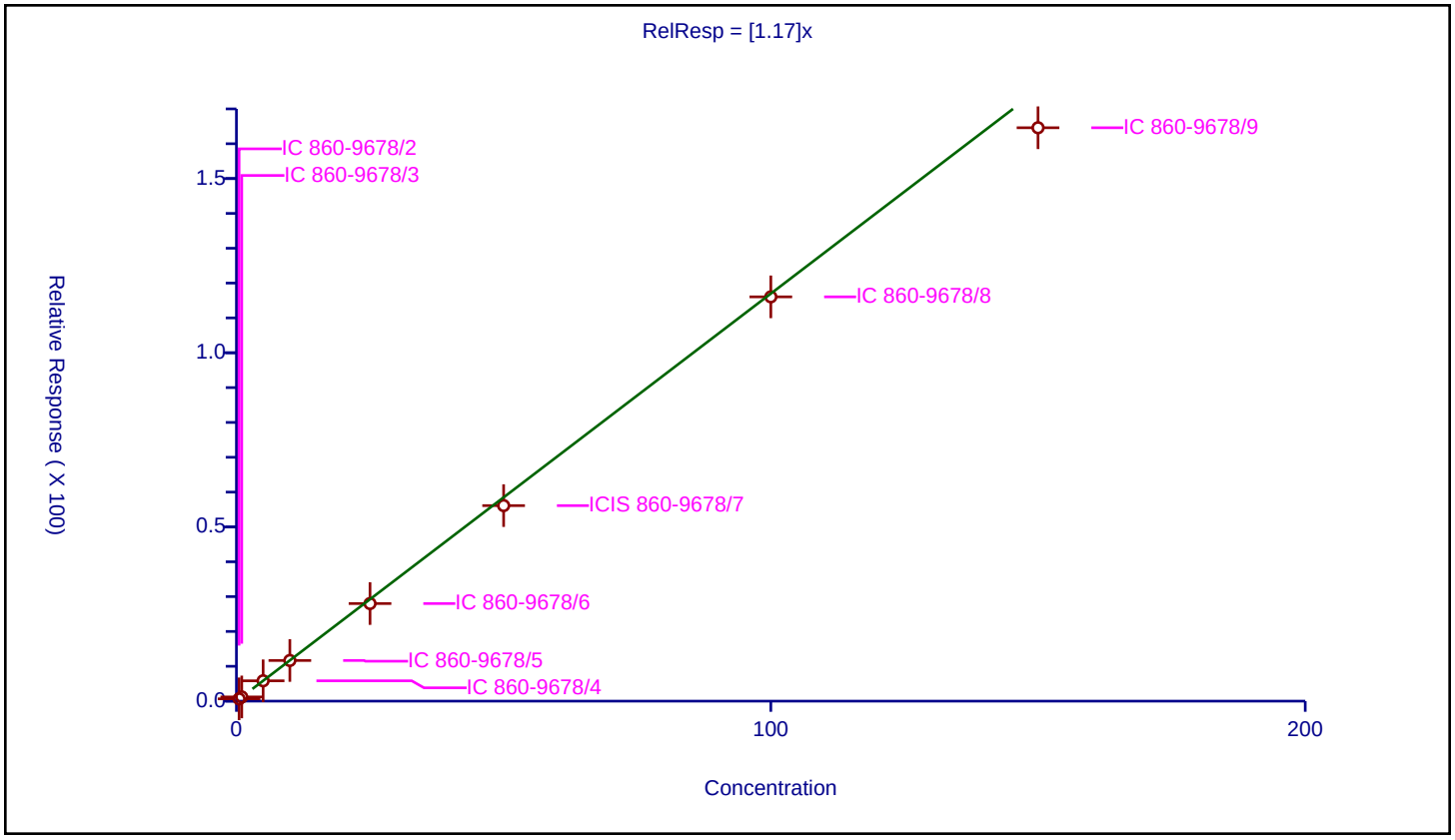
Curve Coefficients

Intercept:	0
Slope:	1.17

Error Coefficients

Standard Error:	672000
Relative Standard Error:	5.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-9678/2	0.5	0.657941	50.0	380353.0	1.315883	Y
2	IC 860-9678/3	1.0	1.206357	50.0	381935.0	1.206357	Y
3	IC 860-9678/4	5.0	5.839659	50.0	377034.0	1.167932	Y
4	IC 860-9678/5	10.0	11.671326	50.0	383474.0	1.167133	Y
5	IC 860-9678/6	25.0	28.015693	50.0	384124.0	1.120628	Y
6	ICIS 860-9678/7	50.0	56.123532	50.0	402374.0	1.122471	Y
7	IC 860-9678/8	100.0	116.050296	50.0	404329.0	1.160503	Y
8	IC 860-9678/9	150.0	164.583825	50.0	432270.0	1.097225	Y



Calibration / 1,2-Dichloroethane-d4 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

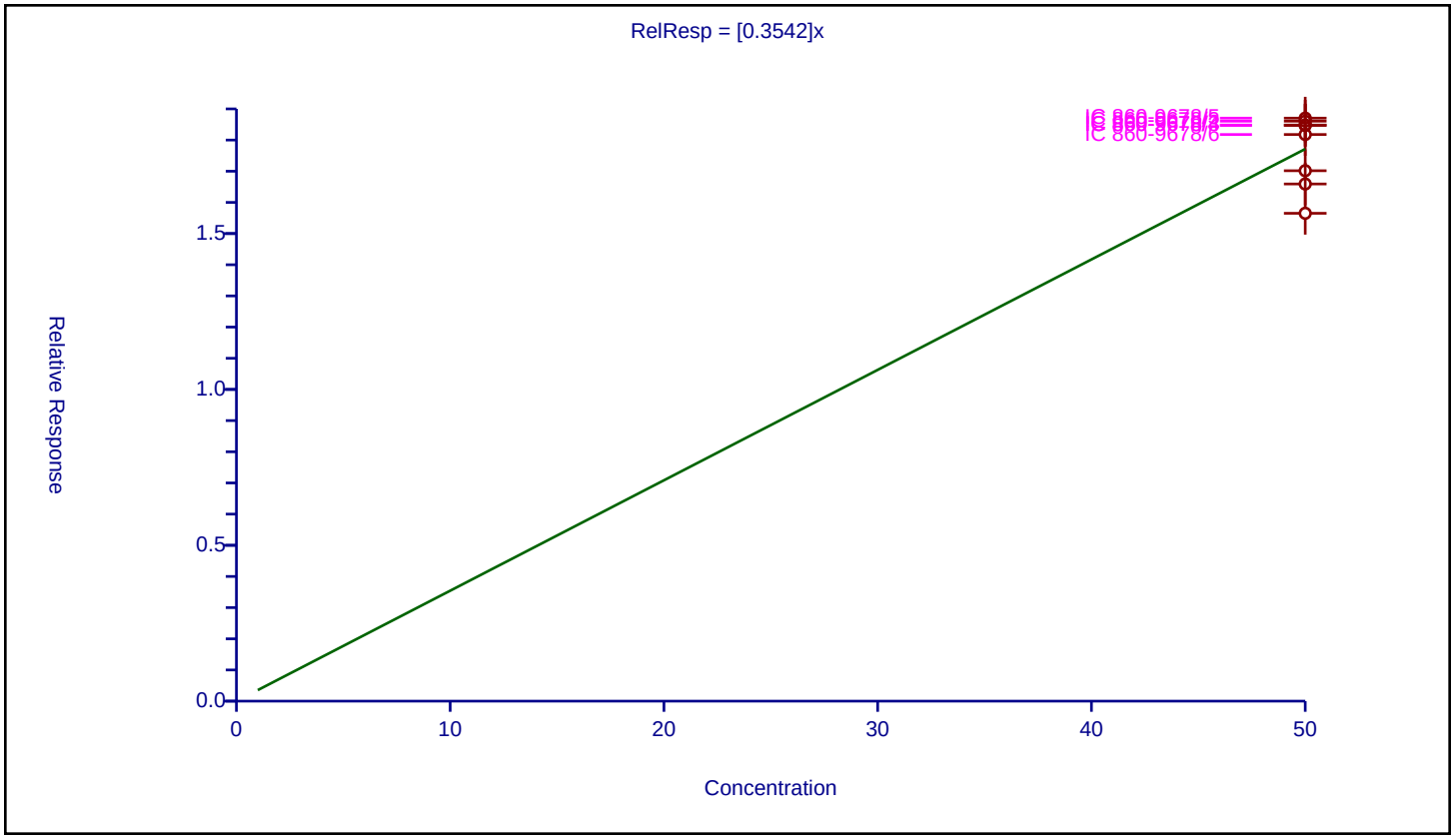
Curve Coefficients

Intercept:	0
Slope:	0.3542

Error Coefficients

Standard Error:	149000
Relative Standard Error:	6.5
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0.000000000000000222

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-9678/2	50.0	18.605874	50.0	380353.0	0.372117	Y
2	IC 860-9678/3	50.0	18.482595	50.0	381935.0	0.369652	Y
3	IC 860-9678/4	50.0	18.469422	50.0	377034.0	0.369388	Y
4	IC 860-9678/5	50.0	18.703224	50.0	383474.0	0.374064	Y
5	IC 860-9678/6	50.0	18.178245	50.0	384124.0	0.363565	Y
6	ICIS 860-9678/7	50.0	16.591405	50.0	402374.0	0.331828	Y
7	IC 860-9678/8	50.0	17.015599	50.0	404329.0	0.340312	Y
8	IC 860-9678/9	50.0	15.650519	50.0	432270.0	0.31301	Y



Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

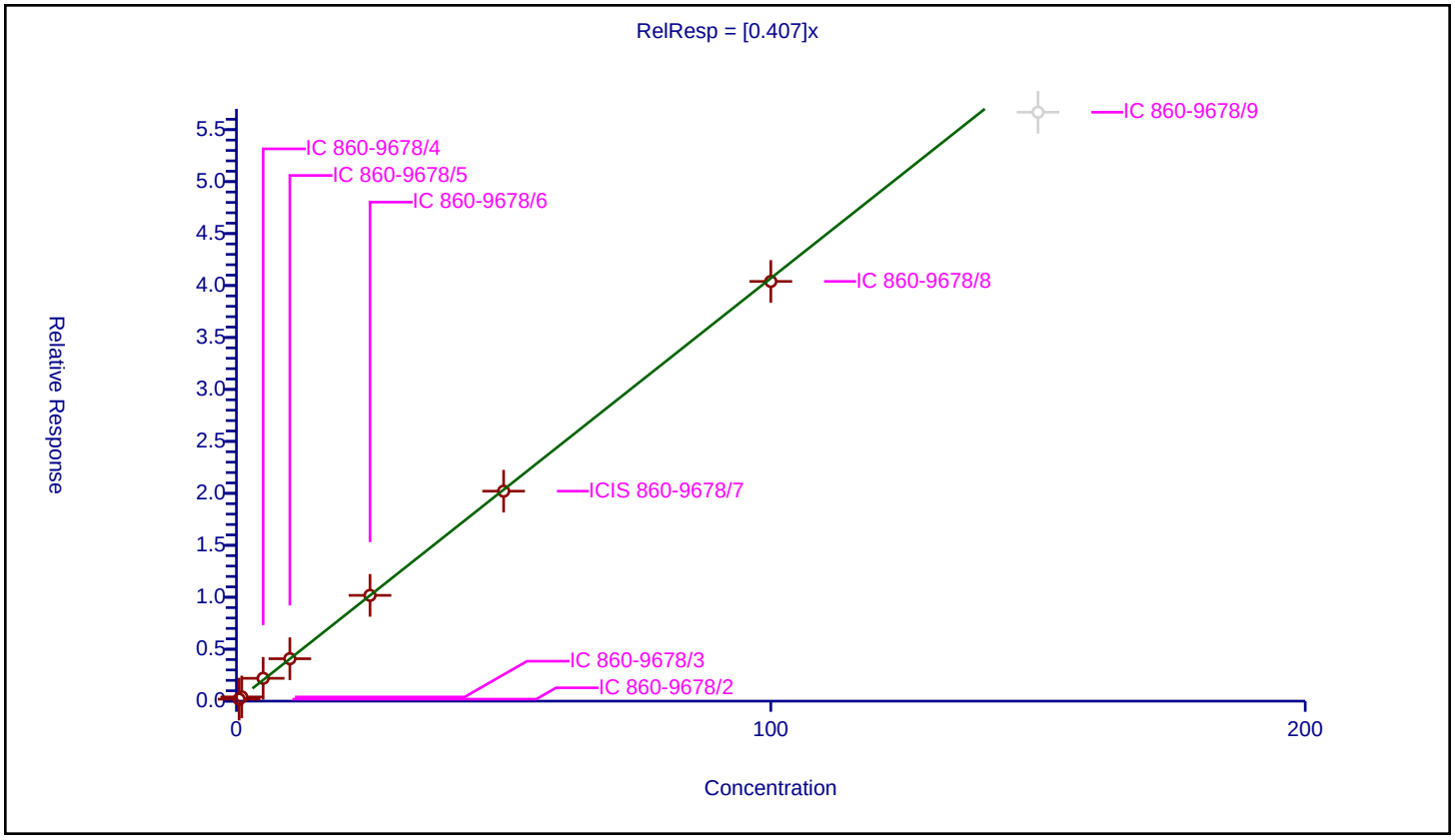
Curve Coefficients

Intercept:	0
Slope:	0.407

Error Coefficients

Standard Error:	153000
Relative Standard Error:	4.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-9678/2	0.5	0.190481	50.0	380353.0	0.380962	Y
2	IC 860-9678/3	1.0	0.404781	50.0	381935.0	0.404781	Y
3	IC 860-9678/4	5.0	2.198873	50.0	377034.0	0.439775	Y
4	IC 860-9678/5	10.0	4.081763	50.0	383474.0	0.408176	Y
5	IC 860-9678/6	25.0	10.180306	50.0	384124.0	0.407212	Y
6	ICIS 860-9678/7	50.0	20.207444	50.0	402374.0	0.404149	Y
7	IC 860-9678/8	100.0	40.393467	50.0	404329.0	0.403935	Y
8	IC 860-9678/9	150.0	56.679969	50.0	432270.0	0.377866	N



Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

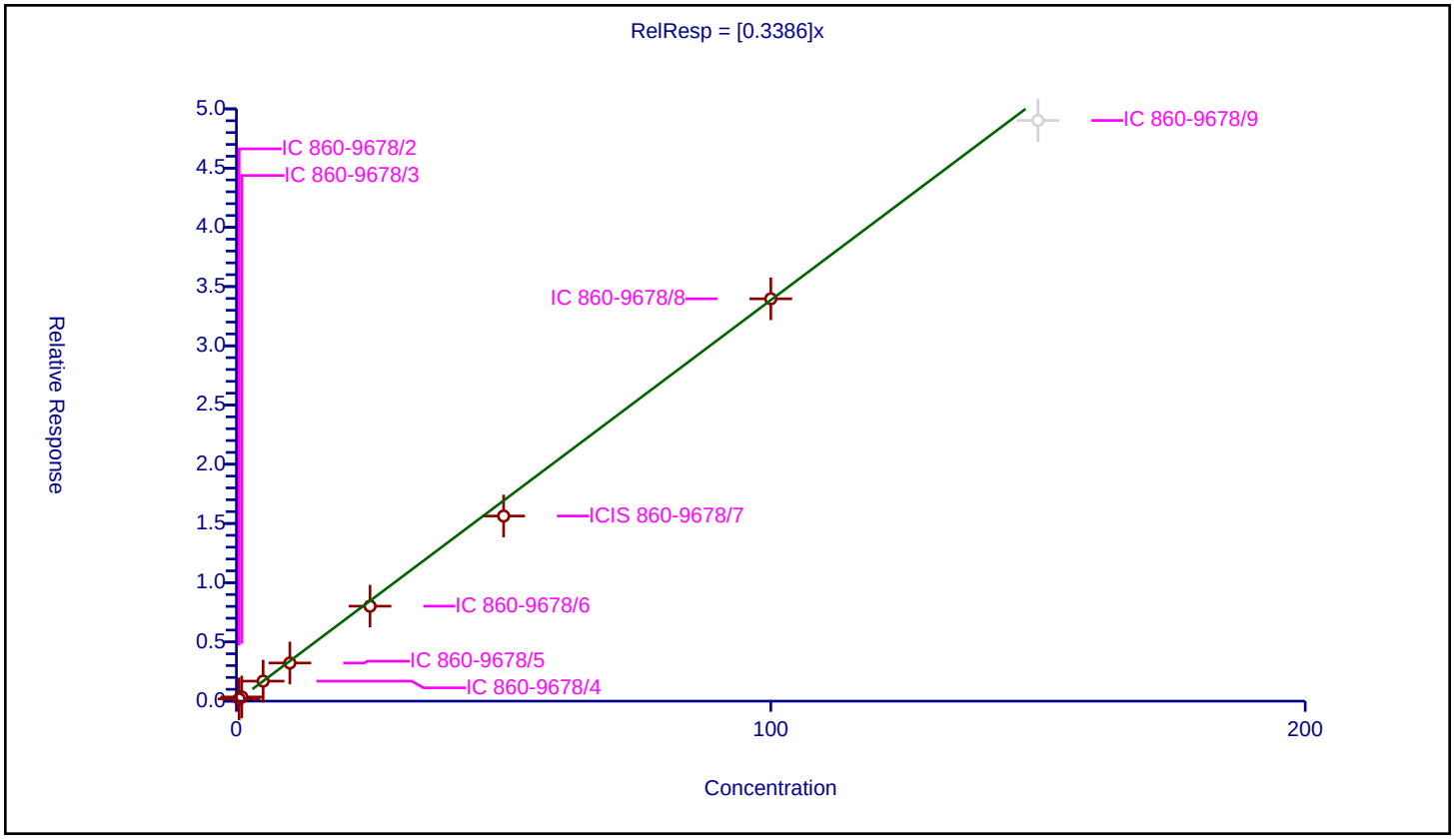
Curve Coefficients

Intercept:	0
Slope:	0.3386

Error Coefficients

Standard Error:	126000
Relative Standard Error:	7.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-9678/2	0.5	0.192979	50.0	380353.0	0.385957	Y
2	IC 860-9678/3	1.0	0.350976	50.0	381935.0	0.350976	Y
3	IC 860-9678/4	5.0	1.690431	50.0	377034.0	0.338086	Y
4	IC 860-9678/5	10.0	3.221861	50.0	383474.0	0.322186	Y
5	IC 860-9678/6	25.0	8.017333	50.0	384124.0	0.320693	Y
6	ICIS 860-9678/7	50.0	15.628619	50.0	402374.0	0.312572	Y
7	IC 860-9678/8	100.0	33.967759	50.0	404329.0	0.339678	Y
8	IC 860-9678/9	150.0	49.023411	50.0	432270.0	0.326823	N



Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

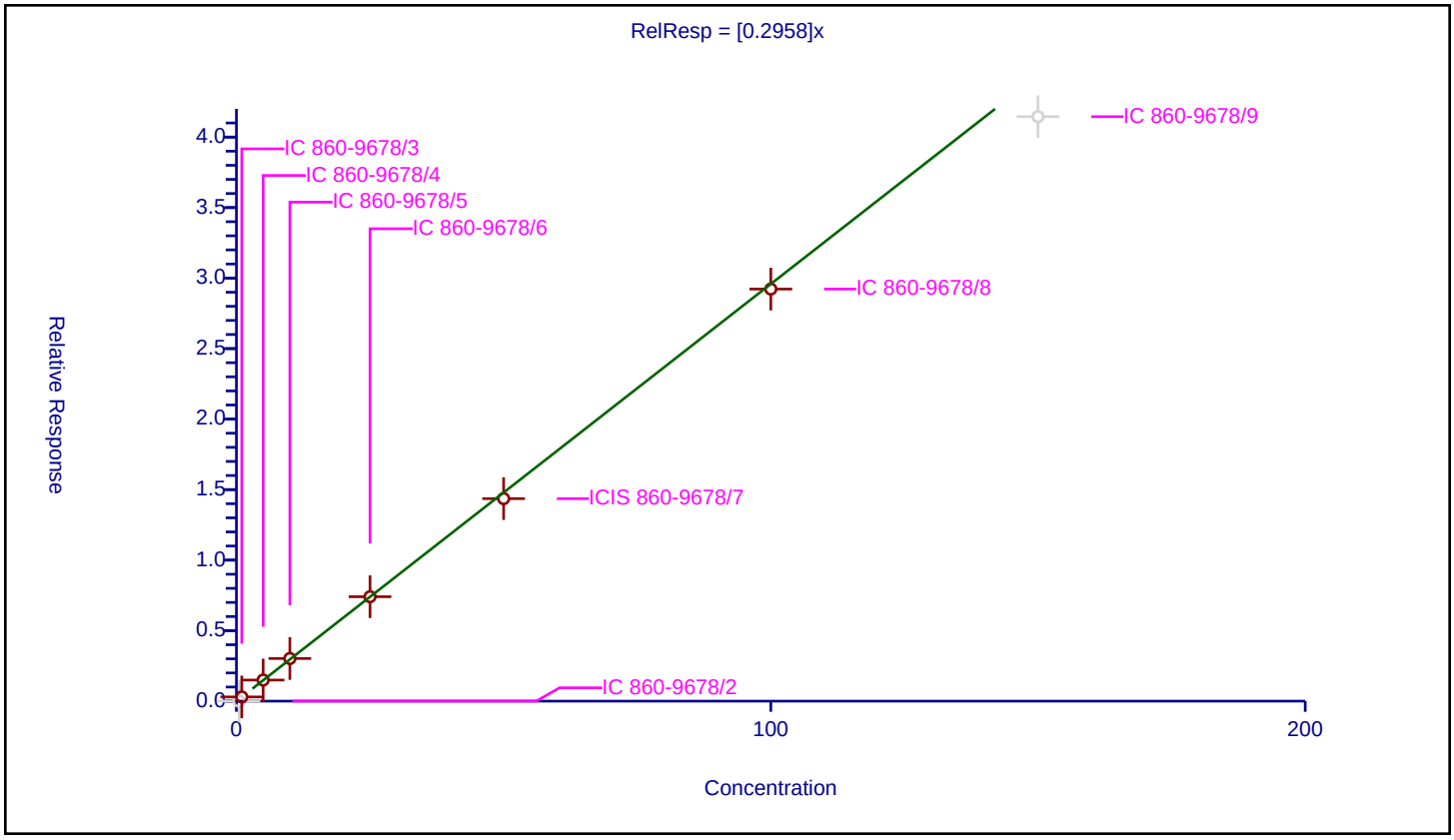
Curve Coefficients

Intercept:	0
Slope:	0.2958

Error Coefficients

Standard Error:	121000
Relative Standard Error:	1.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-9678/2	0.5	0.0	50.0	380353.0	0.0	N
2	IC 860-9678/3	1.0	0.297956	50.0	381935.0	0.297956	Y
3	IC 860-9678/4	5.0	1.495754	50.0	377034.0	0.299151	Y
4	IC 860-9678/5	10.0	3.02263	50.0	383474.0	0.302263	Y
5	IC 860-9678/6	25.0	7.40464	50.0	384124.0	0.296186	Y
6	ICIS 860-9678/7	50.0	14.36052	50.0	402374.0	0.28721	Y
7	IC 860-9678/8	100.0	29.223603	50.0	404329.0	0.292236	Y
8	IC 860-9678/9	150.0	41.448053	50.0	432270.0	0.27632	N



Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

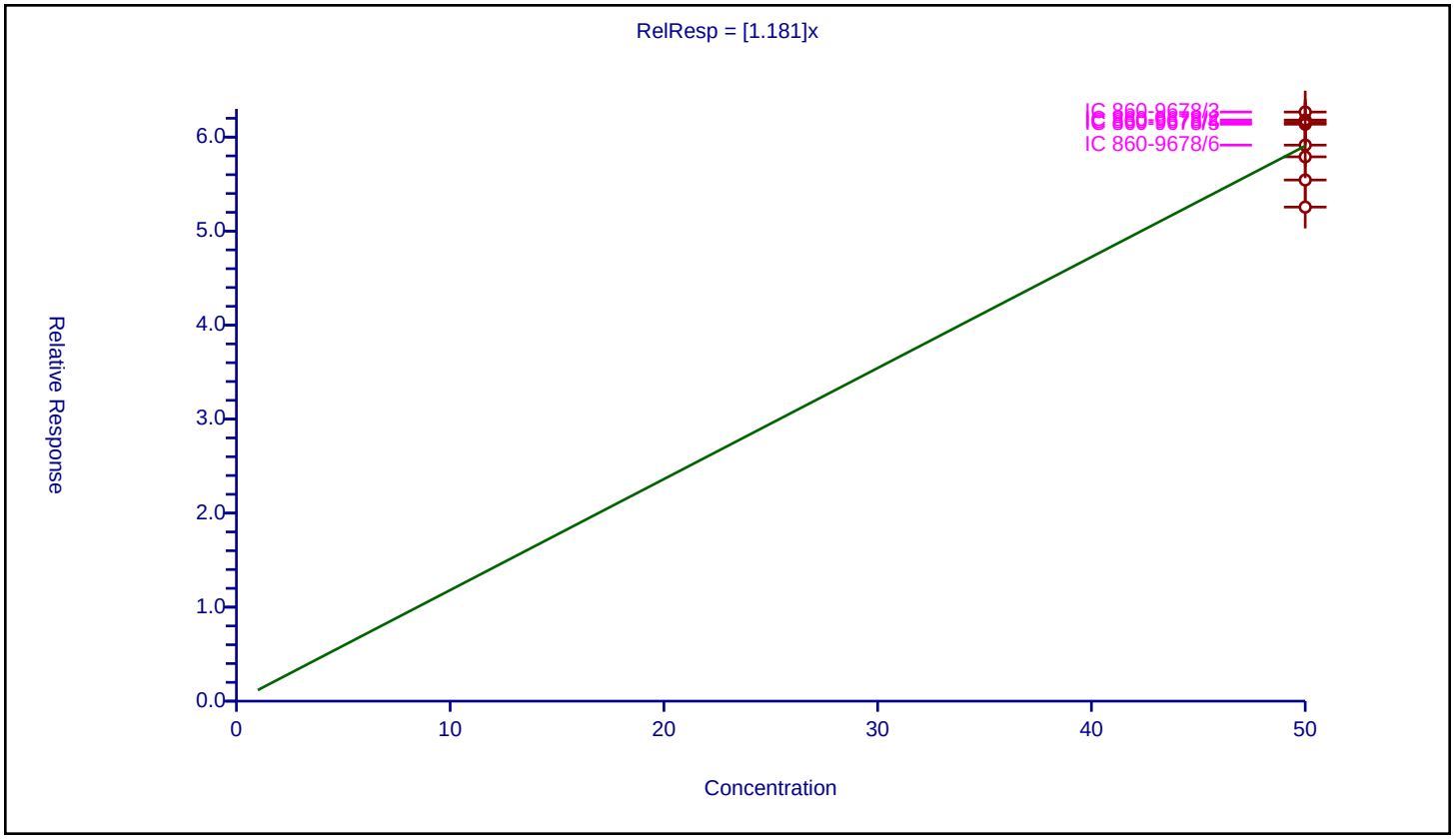
Curve Coefficients

Intercept:	0
Slope:	1.181

Error Coefficients

Standard Error:	465000
Relative Standard Error:	6.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-9678/2	50.0	61.808752	50.0	341285.0	1.236175	Y
2	IC 860-9678/3	50.0	62.664385	50.0	338382.0	1.253288	Y
3	IC 860-9678/4	50.0	61.569069	50.0	346575.0	1.231381	Y
4	IC 860-9678/5	50.0	61.367588	50.0	357147.0	1.227352	Y
5	IC 860-9678/6	50.0	59.147681	50.0	370061.0	1.182954	Y
6	ICIS 860-9678/7	50.0	57.900165	50.0	382492.0	1.158003	Y
7	IC 860-9678/8	50.0	55.436548	50.0	395260.0	1.108731	Y
8	IC 860-9678/9	50.0	52.554976	50.0	424916.0	1.0511	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

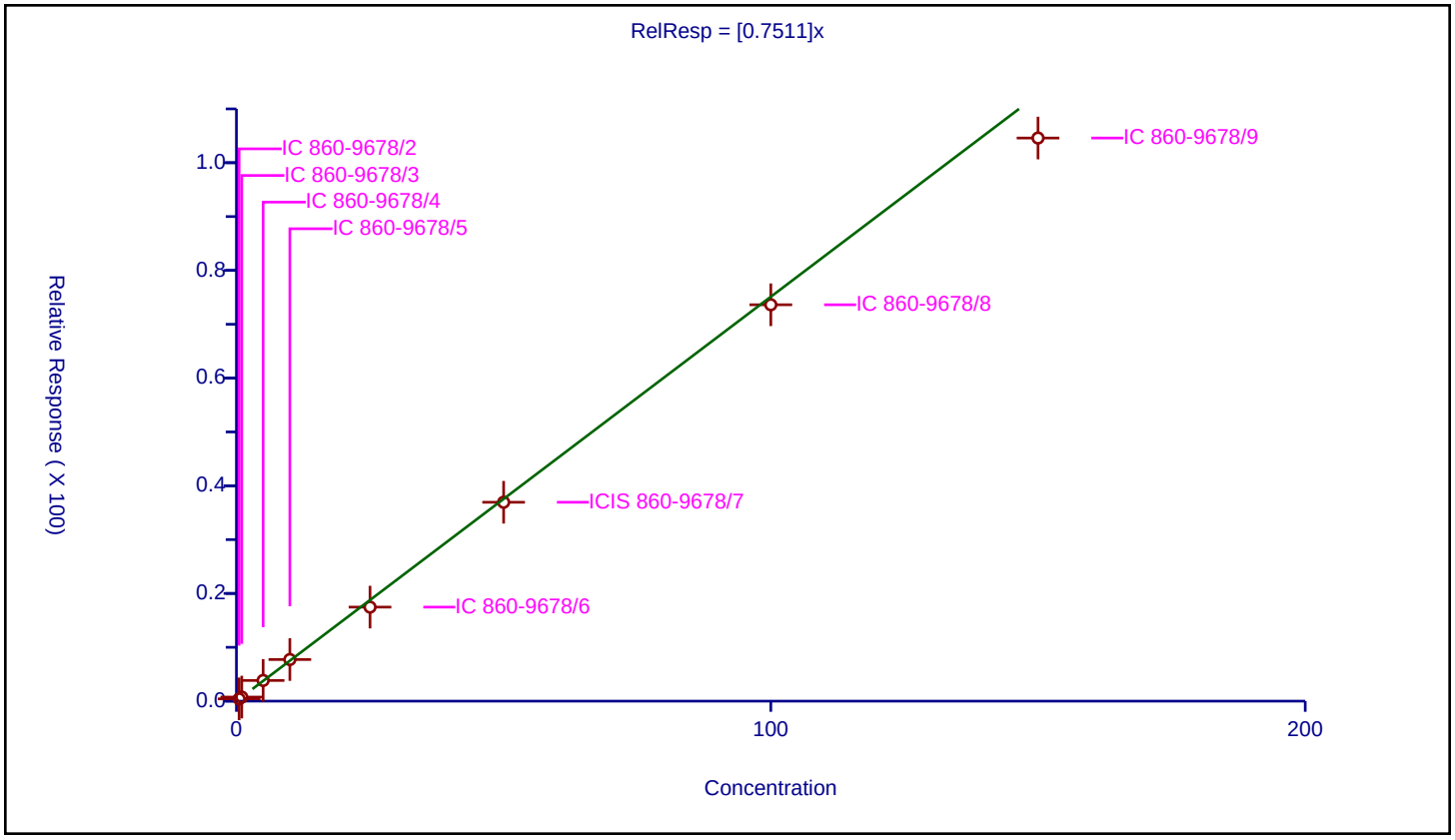
Curve Coefficients

Intercept:	0
Slope:	0.7511

Error Coefficients

Standard Error:	419000
Relative Standard Error:	6.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-9678/2	0.5	0.422374	50.0	341285.0	0.844749	Y
2	IC 860-9678/3	1.0	0.752404	50.0	338382.0	0.752404	Y
3	IC 860-9678/4	5.0	3.839862	50.0	346575.0	0.767972	Y
4	IC 860-9678/5	10.0	7.72707	50.0	357147.0	0.772707	Y
5	IC 860-9678/6	25.0	17.465229	50.0	370061.0	0.698609	Y
6	ICIS 860-9678/7	50.0	36.940642	50.0	382492.0	0.738813	Y
7	IC 860-9678/8	100.0	73.62154	50.0	395260.0	0.736215	Y
8	IC 860-9678/9	150.0	104.589025	50.0	424916.0	0.69726	Y



Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

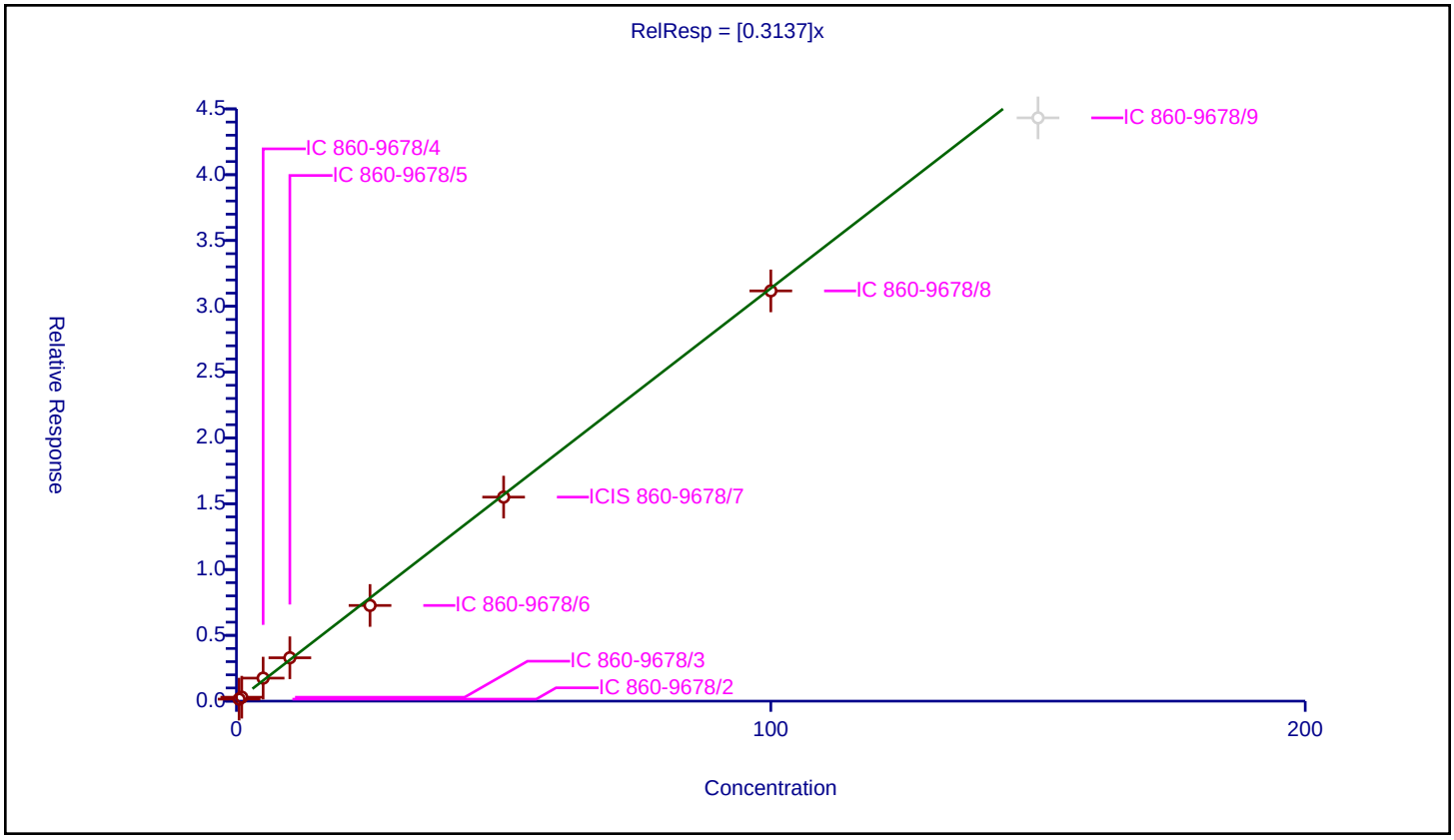
Curve Coefficients

Intercept:	0
Slope:	0.3137

Error Coefficients

Standard Error:	114000
Relative Standard Error:	6.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-9678/2	0.5	0.152512	50.0	341285.0	0.305024	Y
2	IC 860-9678/3	1.0	0.298775	50.0	338382.0	0.298775	Y
3	IC 860-9678/4	5.0	1.748684	50.0	346575.0	0.349737	Y
4	IC 860-9678/5	10.0	3.296402	50.0	357147.0	0.32964	Y
5	IC 860-9678/6	25.0	7.271099	50.0	370061.0	0.290844	Y
6	ICIS 860-9678/7	50.0	15.502808	50.0	382492.0	0.310056	Y
7	IC 860-9678/8	100.0	31.17214	50.0	395260.0	0.311721	Y
8	IC 860-9678/9	150.0	44.318524	50.0	424916.0	0.295457	N



Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

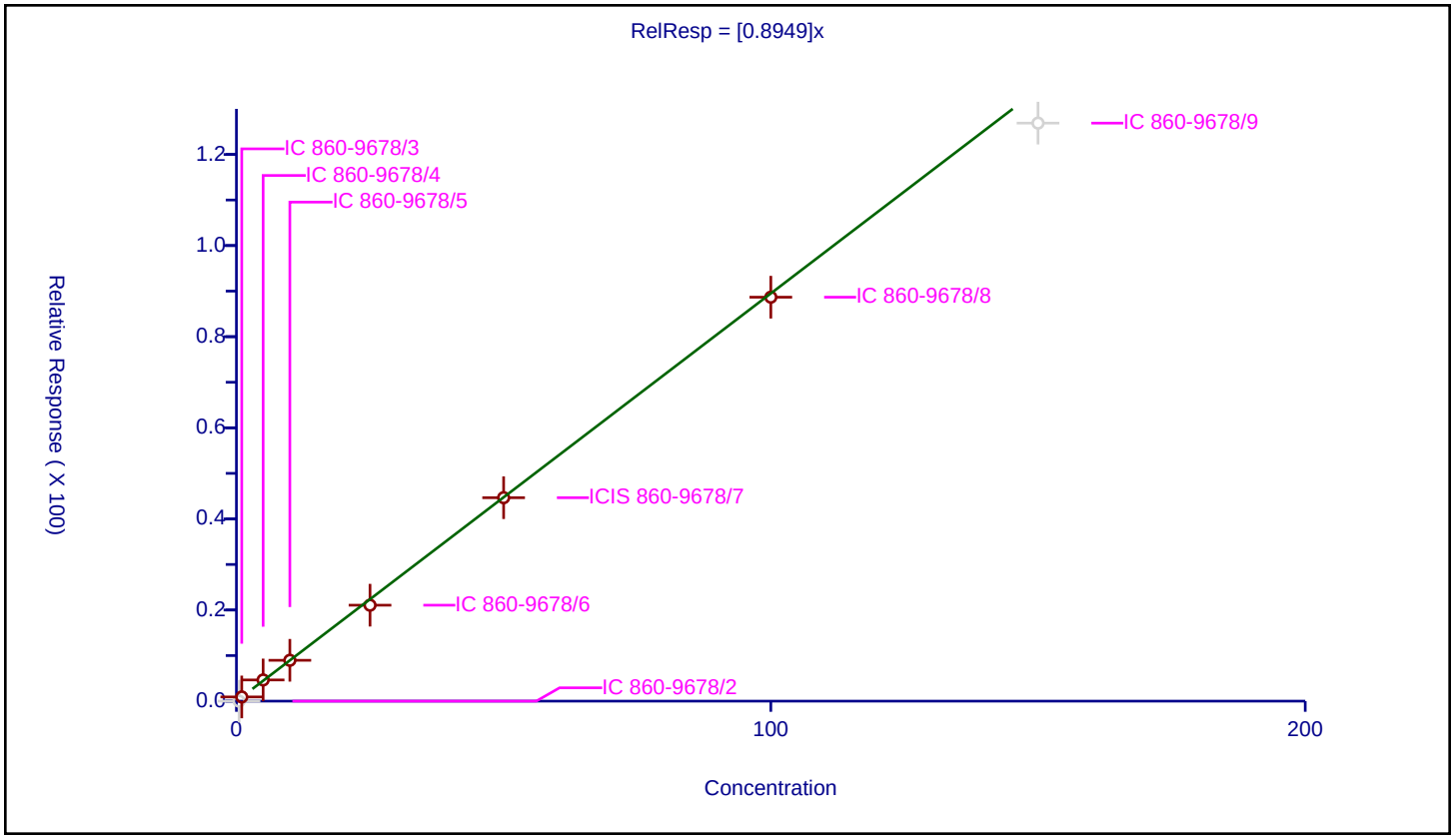
Curve Coefficients

Intercept:	0
Slope:	0.8949

Error Coefficients

Standard Error:	357000
Relative Standard Error:	3.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-9678/2	0.5	0.0	50.0	341285.0	0.0	N
2	IC 860-9678/3	1.0	0.920705	50.0	338382.0	0.920705	Y
3	IC 860-9678/4	5.0	4.649931	50.0	346575.0	0.929986	Y
4	IC 860-9678/5	10.0	8.964516	50.0	357147.0	0.896452	Y
5	IC 860-9678/6	25.0	21.060447	50.0	370061.0	0.842418	Y
6	ICIS 860-9678/7	50.0	44.654659	50.0	382492.0	0.893093	Y
7	IC 860-9678/8	100.0	88.668724	50.0	395260.0	0.886687	Y
8	IC 860-9678/9	150.0	126.87943	50.0	424916.0	0.845863	N



Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

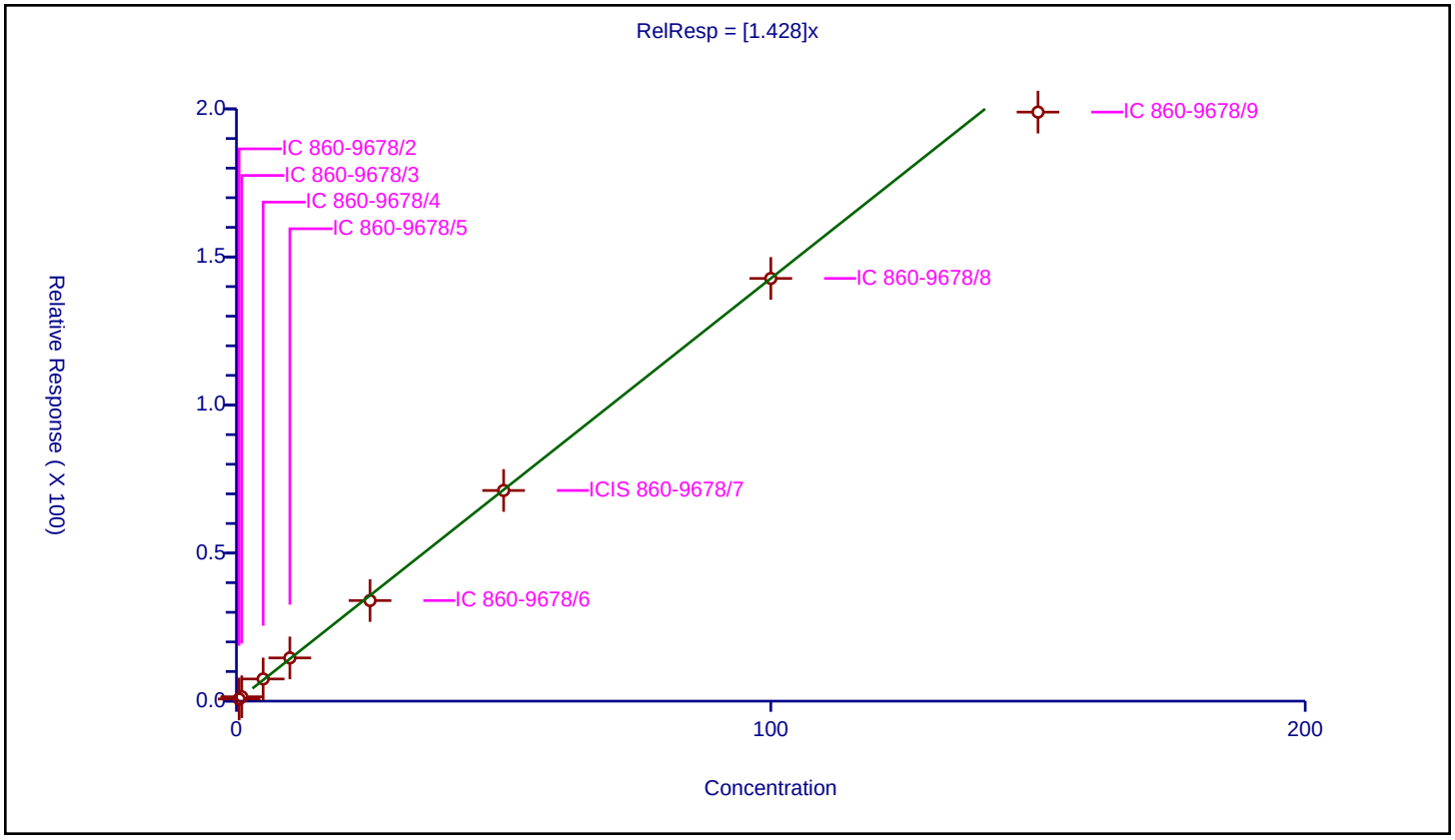
Curve Coefficients

Intercept:	0
Slope:	1.428

Error Coefficients

Standard Error:	802000
Relative Standard Error:	4.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-9678/2	0.5	0.725933	50.0	341285.0	1.451866	Y
2	IC 860-9678/3	1.0	1.47629	50.0	338382.0	1.47629	Y
3	IC 860-9678/4	5.0	7.48698	50.0	346575.0	1.497396	Y
4	IC 860-9678/5	10.0	14.592451	50.0	357147.0	1.459245	Y
5	IC 860-9678/6	25.0	33.973318	50.0	370061.0	1.358933	Y
6	ICIS 860-9678/7	50.0	71.141357	50.0	382492.0	1.422827	Y
7	IC 860-9678/8	100.0	142.747053	50.0	395260.0	1.427471	Y
8	IC 860-9678/9	150.0	198.919551	50.0	424916.0	1.32613	Y



Calibration / m-Xylene & p-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

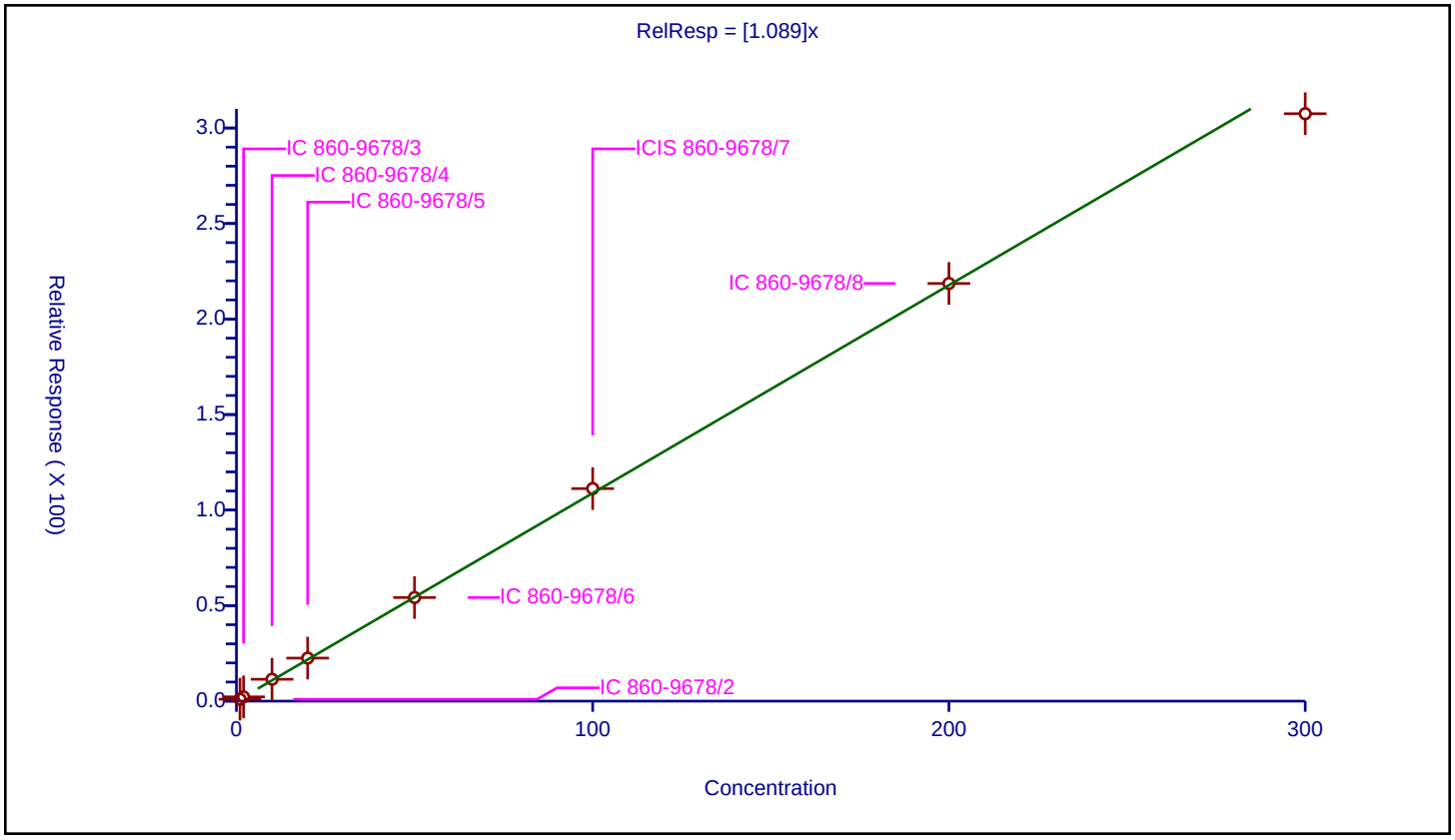
Curve Coefficients

Intercept:	0
Slope:	1.089

Error Coefficients

Standard Error:	1240000
Relative Standard Error:	4.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-9678/2	1.0	1.004732	50.0	341285.0	1.004732	Y
2	IC 860-9678/3	2.0	2.234309	50.0	338382.0	1.117155	Y
3	IC 860-9678/4	10.0	11.456539	50.0	346575.0	1.145654	Y
4	IC 860-9678/5	20.0	22.526019	50.0	357147.0	1.126301	Y
5	IC 860-9678/6	50.0	54.235518	50.0	370061.0	1.08471	Y
6	ICIS 860-9678/7	100.0	111.261935	50.0	382492.0	1.112619	Y
7	IC 860-9678/8	200.0	218.619516	50.0	395260.0	1.093098	Y
8	IC 860-9678/9	300.0	307.486303	50.0	424916.0	1.024954	Y



Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

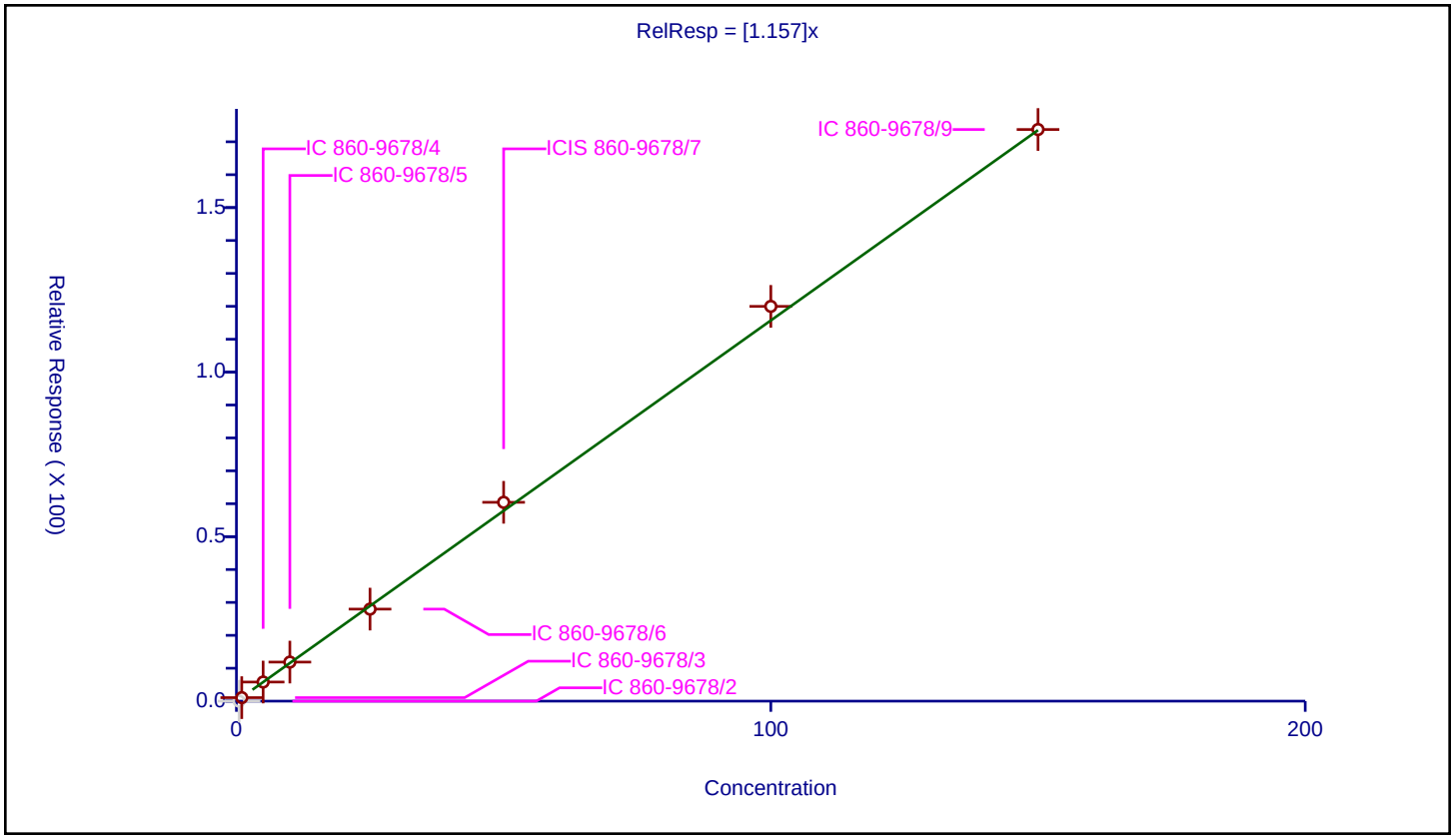
Curve Coefficients

Intercept:	0
Slope:	1.157

Error Coefficients

Standard Error:	747000
Relative Standard Error:	4.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-9678/2	0.5	0.0	50.0	341285.0	0.0	N
2	IC 860-9678/3	1.0	1.063739	50.0	338382.0	1.063739	Y
3	IC 860-9678/4	5.0	5.811441	50.0	346575.0	1.162288	Y
4	IC 860-9678/5	10.0	11.872142	50.0	357147.0	1.187214	Y
5	IC 860-9678/6	25.0	27.975118	50.0	370061.0	1.119005	Y
6	ICIS 860-9678/7	50.0	60.433421	50.0	382492.0	1.208668	Y
7	IC 860-9678/8	100.0	119.978242	50.0	395260.0	1.199782	Y
8	IC 860-9678/9	150.0	173.731985	50.0	424916.0	1.158213	Y



Calibration / Bromoform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

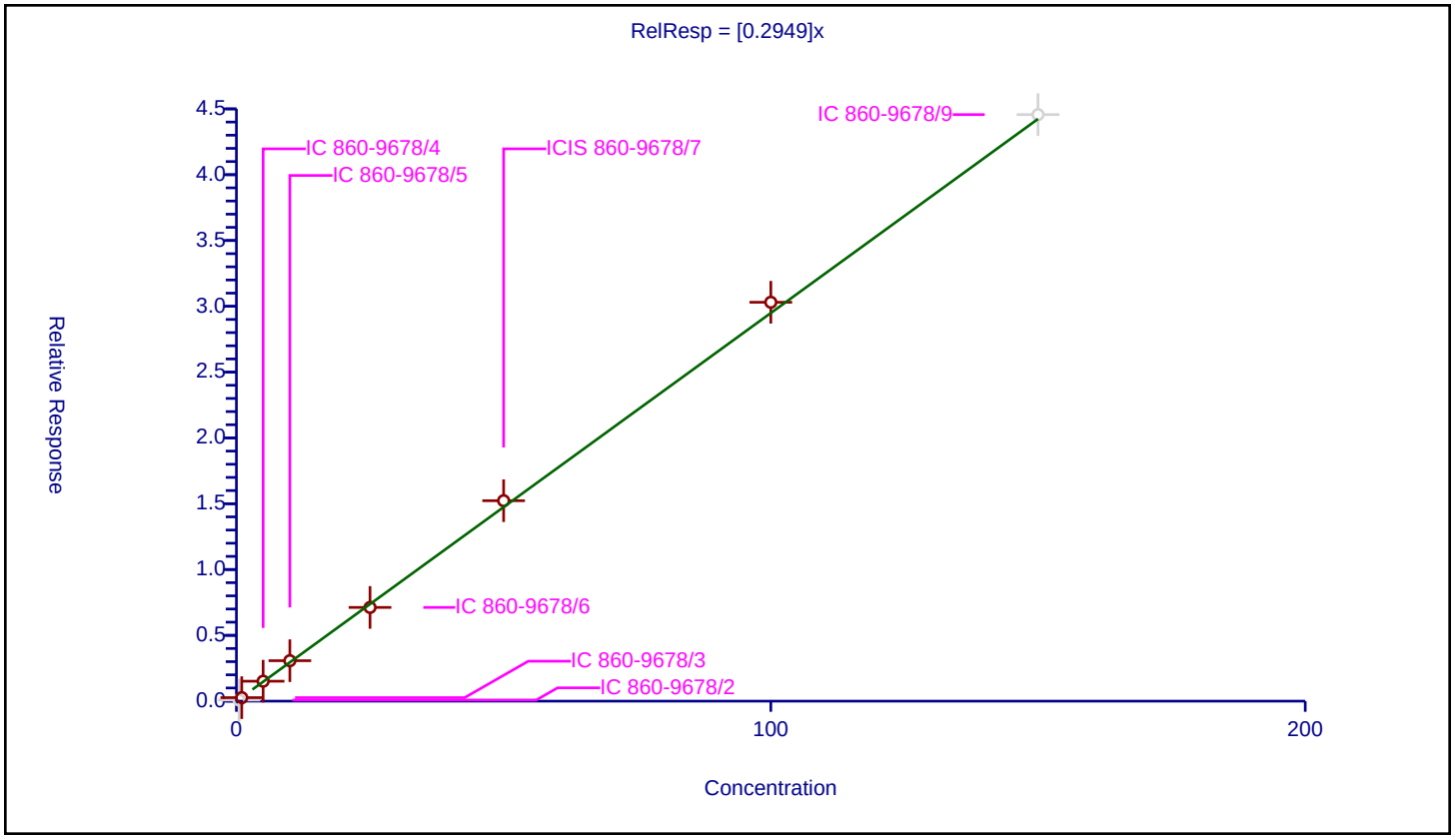
Curve Coefficients

Intercept:	0
Slope:	0.2949

Error Coefficients

Standard Error:	122000
Relative Standard Error:	5.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-9678/2	0.5	0.08424	50.0	341285.0	0.168481	N
2	IC 860-9678/3	1.0	0.266858	50.0	338382.0	0.266858	Y
3	IC 860-9678/4	5.0	1.514102	50.0	346575.0	0.30282	Y
4	IC 860-9678/5	10.0	3.072264	50.0	357147.0	0.307226	Y
5	IC 860-9678/6	25.0	7.120853	50.0	370061.0	0.284834	Y
6	ICIS 860-9678/7	50.0	15.229992	50.0	382492.0	0.3046	Y
7	IC 860-9678/8	100.0	30.307013	50.0	395260.0	0.30307	Y
8	IC 860-9678/9	150.0	44.56469	50.0	424916.0	0.297098	N



Calibration / 4-Bromofluorobenzene (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

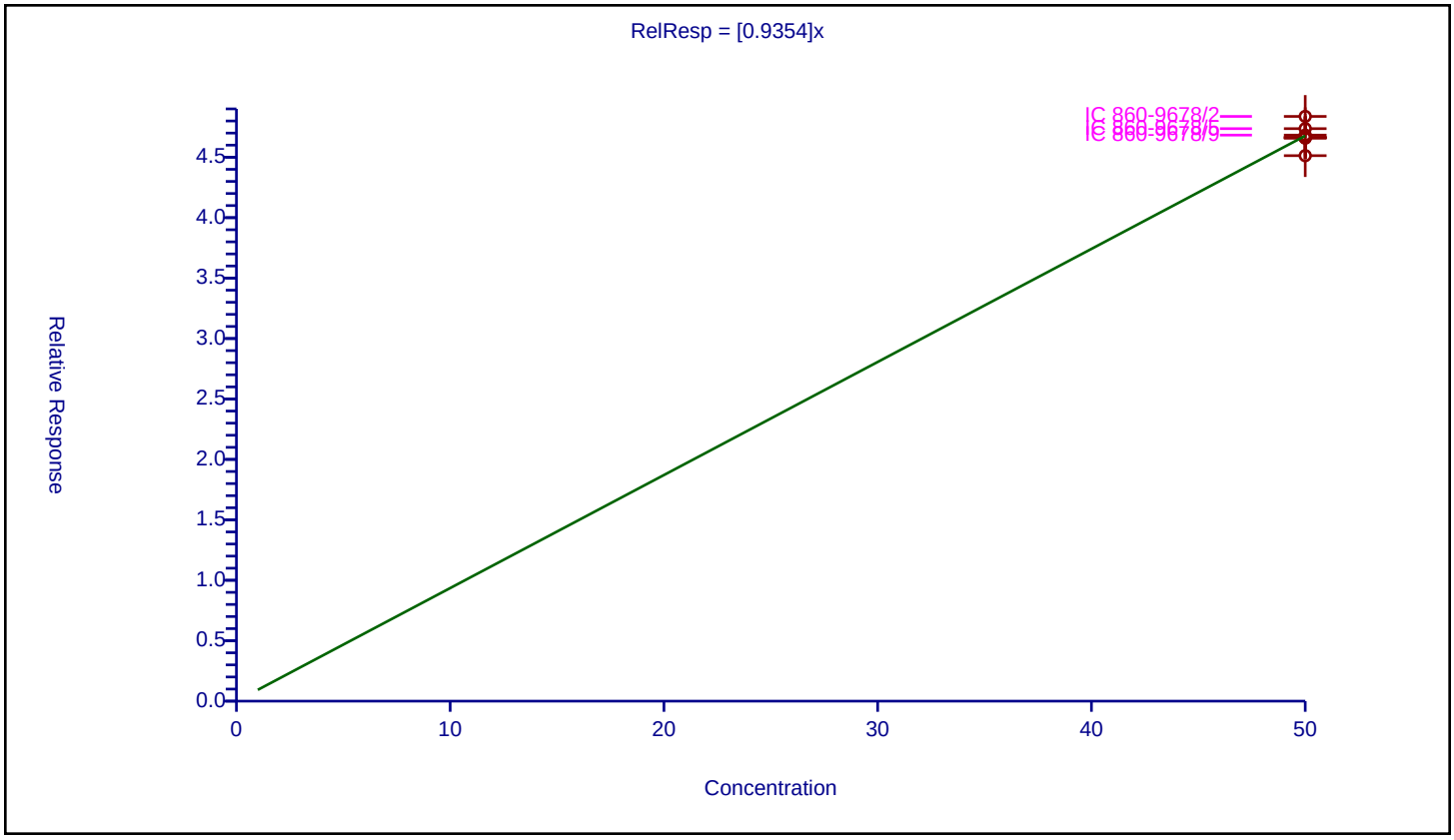
Curve Coefficients

Intercept:	0
Slope:	0.9354

Error Coefficients

Standard Error:	182000
Relative Standard Error:	1.9
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0.000000000000000222

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-9678/2	50.0	48.377444	50.0	162583.0	0.967549	Y
2	IC 860-9678/3	50.0	46.575129	50.0	166853.0	0.931503	Y
3	IC 860-9678/4	50.0	46.632306	50.0	176753.0	0.932646	Y
4	IC 860-9678/5	50.0	47.3654	50.0	171620.0	0.947308	Y
5	IC 860-9678/6	50.0	46.627508	50.0	182506.0	0.93255	Y
6	ICIS 860-9678/7	50.0	45.131102	50.0	190310.0	0.902622	Y
7	IC 860-9678/8	50.0	46.623364	50.0	196986.0	0.932467	Y
8	IC 860-9678/9	50.0	46.831213	50.0	206325.0	0.936624	Y



Calibration / 1,1,2,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

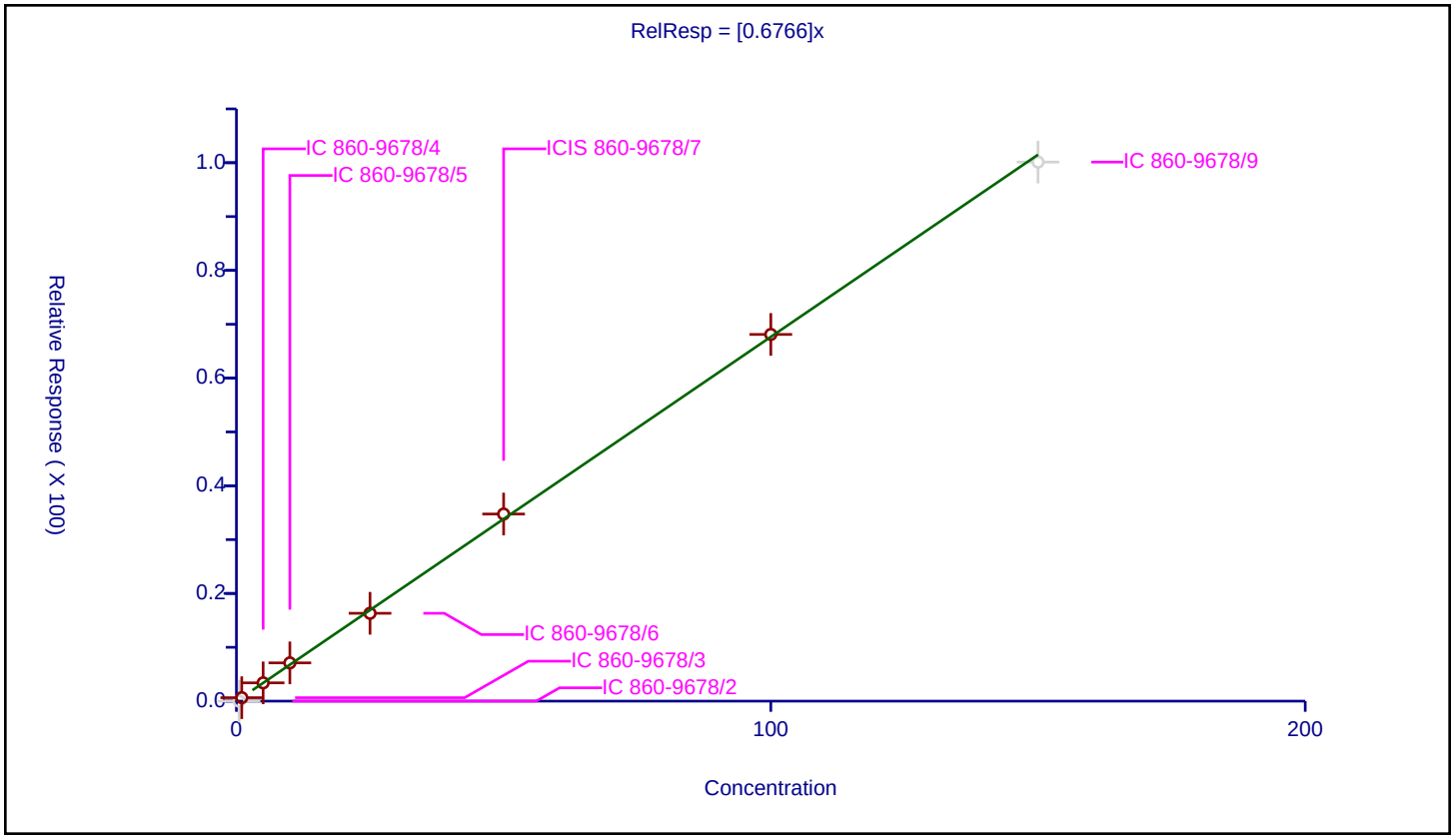
Curve Coefficients

Intercept:	0
Slope:	0.6766

Error Coefficients

Standard Error:	137000
Relative Standard Error:	3.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-9678/2	0.5	0.0	50.0	162583.0	0.0	N
2	IC 860-9678/3	1.0	0.641583	50.0	166853.0	0.641583	Y
3	IC 860-9678/4	5.0	3.394285	50.0	176753.0	0.678857	Y
4	IC 860-9678/5	10.0	7.104941	50.0	171620.0	0.710494	Y
5	IC 860-9678/6	25.0	16.314806	50.0	182506.0	0.652592	Y
6	ICIS 860-9678/7	50.0	34.752509	50.0	190310.0	0.69505	Y
7	IC 860-9678/8	100.0	68.110678	50.0	196986.0	0.681107	Y
8	IC 860-9678/9	150.0	100.122864	50.0	206325.0	0.667486	N



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

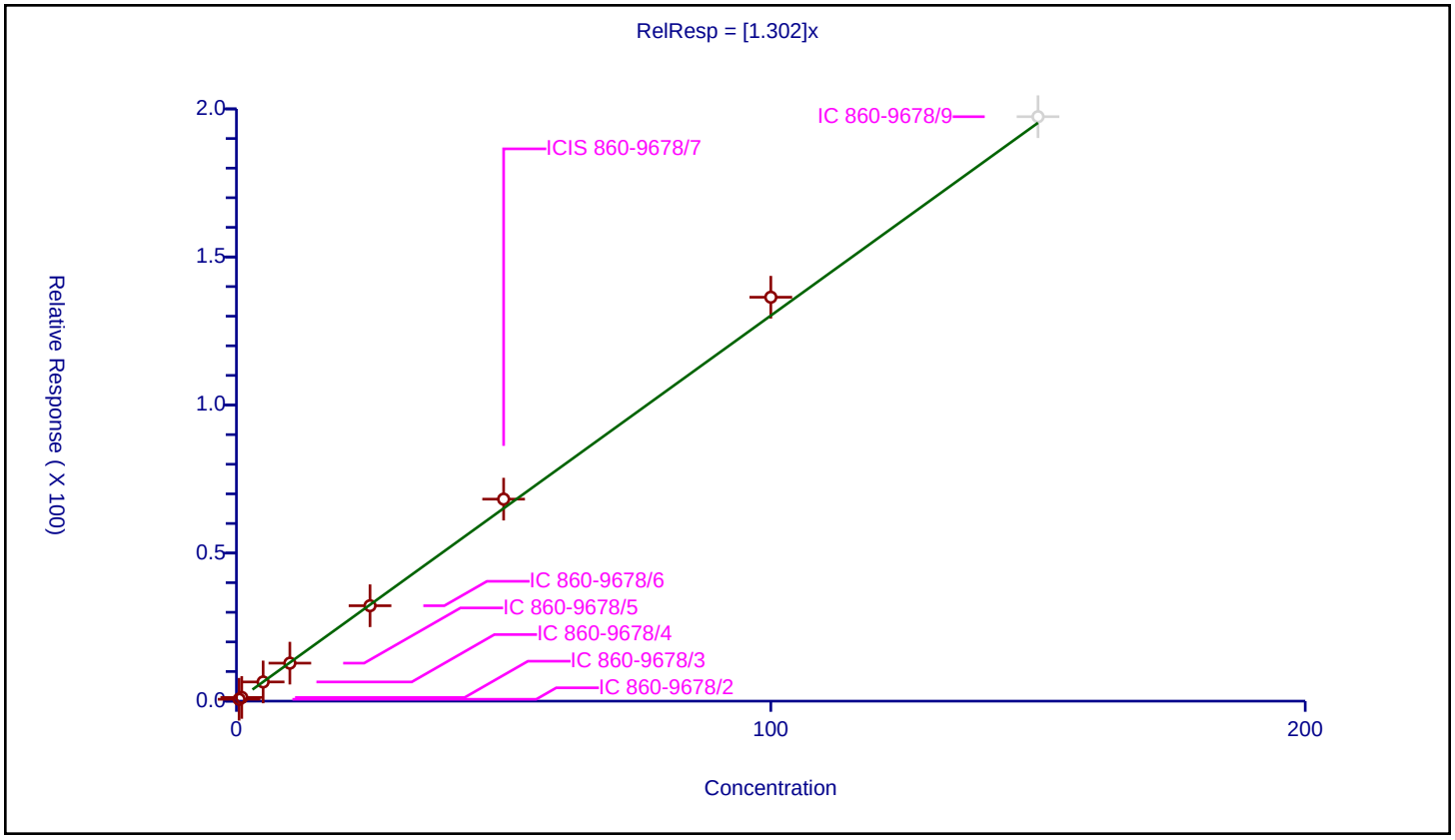
Curve Coefficients

Intercept:	0
Slope:	1.302

Error Coefficients

Standard Error:	249000
Relative Standard Error:	3.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-9678/2	0.5	0.636598	50.0	162583.0	1.273196	Y
2	IC 860-9678/3	1.0	1.243909	50.0	166853.0	1.243909	Y
3	IC 860-9678/4	5.0	6.483341	50.0	176753.0	1.296668	Y
4	IC 860-9678/5	10.0	12.828633	50.0	171620.0	1.282863	Y
5	IC 860-9678/6	25.0	32.226064	50.0	182506.0	1.289043	Y
6	ICIS 860-9678/7	50.0	68.213441	50.0	190310.0	1.364269	Y
7	IC 860-9678/8	100.0	136.400303	50.0	196986.0	1.364003	Y
8	IC 860-9678/9	150.0	197.360475	50.0	206325.0	1.315736	N



Calibration / Hexachlorobutadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

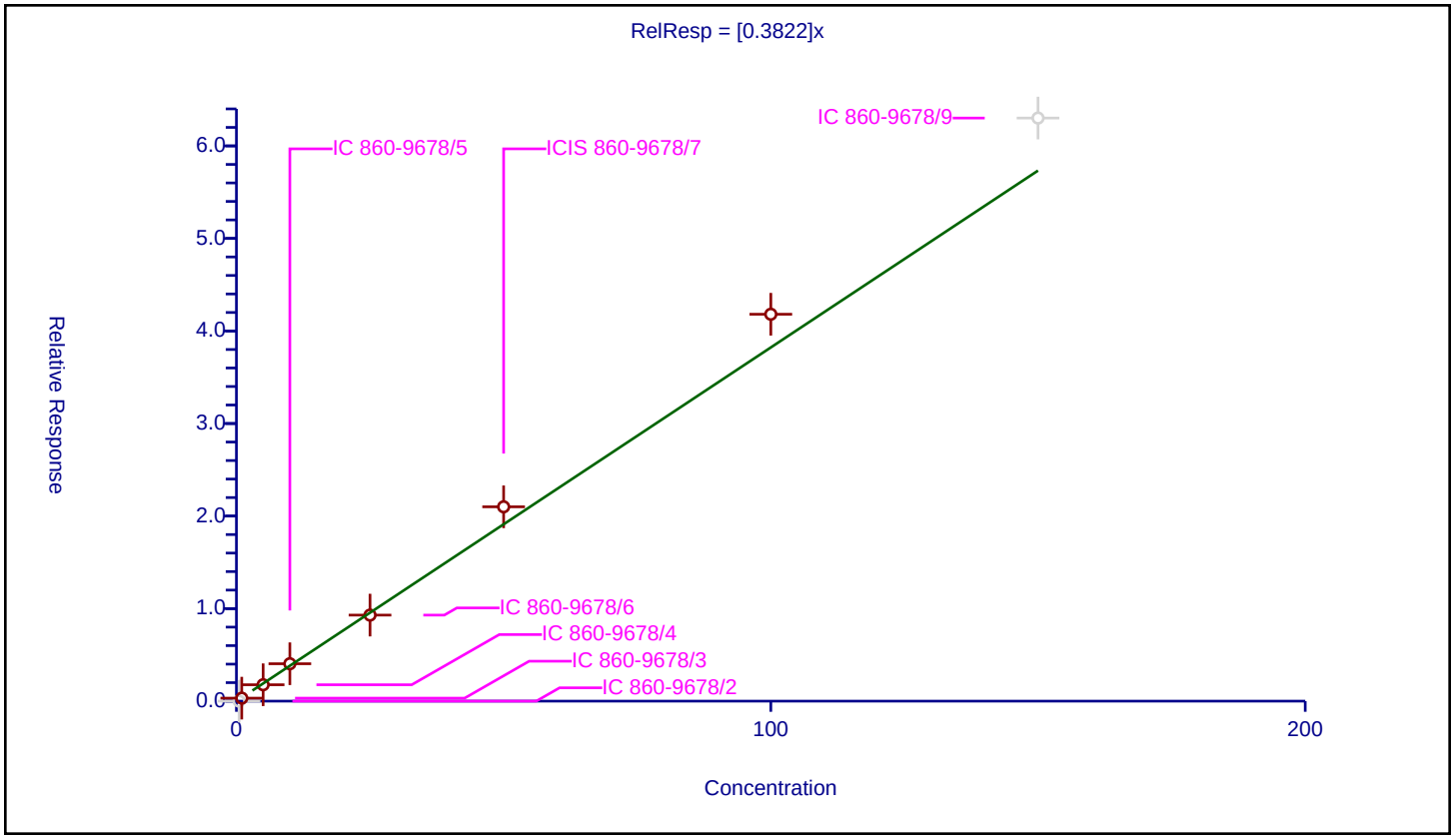
Curve Coefficients

Intercept:	0
Slope:	0.3822

Error Coefficients

Standard Error:	83500
Relative Standard Error:	10.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-9678/2	0.5	0.0	50.0	162583.0	0.0	N
2	IC 860-9678/3	1.0	0.324837	50.0	166853.0	0.324837	Y
3	IC 860-9678/4	5.0	1.771399	50.0	176753.0	0.35428	Y
4	IC 860-9678/5	10.0	4.041196	50.0	171620.0	0.40412	Y
5	IC 860-9678/6	25.0	9.298324	50.0	182506.0	0.371933	Y
6	ICIS 860-9678/7	50.0	20.999685	50.0	190310.0	0.419994	Y
7	IC 860-9678/8	100.0	41.808047	50.0	196986.0	0.41808	Y
8	IC 860-9678/9	150.0	63.008603	50.0	206325.0	0.420057	N



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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1 Analy Batch No.: 12941

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/28/2021 11:24 Calibration End Date: 06/28/2021 13:18 Calibration ID: 1110

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-12941/2	E12211148.D
Level 2	IC 860-12941/3	E12211149.D
Level 3	IC 860-12941/4	E12211150.D
Level 4	IC 860-12941/5	E12211151.D
Level 5	ICIS 860-12941/6	E12211152.D
Level 6	IC 860-12941/7	E12211153.D
Level 7	IC 860-12941/8	E12211154.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Propene	+++++ 0.2843	0.3934 0.2799	0.3289	0.2939	0.2776	Ave		0.3097				14.6		20.0			
Dichlorodifluoromethane	0.4177 0.3903	0.4371 0.3750	0.3967	0.3834	0.3700	Ave		0.3957				6.1		20.0			
Chloromethane	0.4650 0.4221	0.4504 0.4145	0.4352	0.4137	0.4117	Ave		0.4304				4.8		20.0			
Vinyl chloride	0.4824 0.4697	0.5408 0.4592	0.4975	0.4672	0.4627	Ave		0.4828				6.0		20.0			
1,3-Butadiene	0.3862 0.3682	0.4068 0.3573	0.3782	0.3680	0.3519	Ave		0.3738				5.0		20.0			
Bromomethane	0.5280 0.3645	0.4975 0.2859	0.4436	0.4011	0.3884	Ave		0.4155				19.8		20.0			
Chloroethane	0.3075 0.2849	0.3030 0.2740	0.2934	0.2786	0.2773	Ave		0.2884				4.6		20.0			
Trichlorofluoromethane	0.7773 0.6986	0.7615 0.6840	0.7319	0.6989	0.6717	Ave		0.7177				5.6		20.0			
Acrolein	0.0572 0.0548	0.0615 0.0515	0.0568	0.0557	0.0527	Ave		0.0558				5.9		20.0			
1,1-Dichloroethene	0.4404 0.4127	0.4442 0.4055	0.4227	0.3969	0.3955	Ave		0.4169				4.7		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.3635 0.3500	0.3888 0.3426	0.3586	0.3507	0.3363	Ave		0.3558				4.8		20.0			
Acetone	0.0829 0.0711	0.0757 0.0640	0.0708	0.0677	0.0649	Ave		0.0710				9.3		20.0			
Iodomethane (Methyl Iodide)	+++++ 0.6022	0.4438 0.5908	0.4900	0.5324	0.5695	Ave		0.5381				11.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1 Analy Batch No.: 12941

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/28/2021 11:24 Calibration End Date: 06/28/2021 13:18 Calibration ID: 1110

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Carbon disulfide	1.3322 1.1559	1.2409 1.1379	1.1823	1.1163	1.1133	Ave		1.1827				6.7		20.0			
Acetonitrile	0.0219 0.0370	0.0353 0.0364	0.0364	0.0344	0.0340	Ave		0.0336				15.7		20.0			
Allyl Chloride (3-Chloropropene)	0.2154 0.2606	0.2813 0.2561	0.2344	0.2228	0.2339	Ave		0.2435				9.6		20.0			
Methyl acetate	0.3446 0.3467	0.3579 0.3260	0.3372	0.3387	0.3216	Ave		0.3390				3.7		20.0			
Methylene Chloride	0.6476 0.4598	0.5221 0.4477	0.4936	0.4591	0.4490	Ave		0.4970				14.4		20.0			
tert-Butyl alcohol	0.0482 0.0351	0.0394 0.0316	0.0351	0.0367	0.0320	Ave		0.0369				15.4		20.0			
Acrylonitrile	0.1595 0.1652	0.1668 0.1548	0.1635	0.1626	0.1541	Ave		0.1609				3.1		20.0			
trans-1,2-Dichloroethene	0.4624 0.4578	0.4803 0.4498	0.4563	0.4424	0.4394	Ave		0.4555				3.0		20.0			
MTBE	1.3086 1.3405	1.4056 1.2782	1.3393	1.3075	1.2835	Ave		1.3233				3.3		20.0			
n-Hexane	0.6280 0.6001	0.6280 0.5813	0.5832	0.5845	0.5700	Ave		0.5964				3.9		20.0			
1,1-Dichloroethane	0.8635 0.8044	0.8689 0.7934	0.8282	0.7923	0.7913	Ave		0.8203				4.1		20.0			
Vinyl acetate	0.9062 0.8060	0.9445 0.7195	0.9000	0.9200	0.8771	Ave		0.8676				9.1		20.0			
Isopropyl ether	1.3389 1.3132	1.3699 1.2712	1.3204	1.2825	1.2879	Ave		1.3120				2.7		20.0			
Chloroprene	0.5576 0.7044	0.7168 0.6848	0.6673	0.6045	0.6193	Ave		0.6507				9.0		20.0			
Ethyl tert-butyl ether	1.3361 1.3456	1.4136 1.3099	1.3494	1.3099	1.3042	Ave		1.3384				2.8		20.0			
2,2-Dichloropropane	0.7479 0.7147	0.7783 0.7000	0.7372	0.7077	0.6973	Ave		0.7261				4.1		20.0			
cis-1,2-Dichloroethene	0.7851 0.7783	0.8203 0.7563	0.7932	0.7621	0.7603	Ave		0.7794				2.9		20.0			
2-Butanone	0.0675 0.0686	0.0735 0.0623	0.0690	0.0691	0.0636	Ave		0.0677				5.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1 Analy Batch No.: 12941

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/28/2021 11:24 Calibration End Date: 06/28/2021 13:18 Calibration ID: 1110

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Propane Nitrile (Propionitrile)	0.0488 0.0647	0.0615 0.0581	0.0598	0.0607	0.0584	Ave		0.0589				8.4		20.0			
Methacrylonitrile	0.1615 0.2053	0.2101 0.1939	0.2004	0.1955	0.1913	Ave		0.1940				8.1		20.0			
Bromochloromethane	0.3361 0.3470	0.3599 0.3379	0.3532	0.3361	0.3333	Ave		0.3434				3.0		20.0			
Tetrahydrofuran	+++++ 0.1316	0.1677 0.1221	0.1455	0.1376	0.1263	Ave		0.1385				12.0		20.0			
Chloroform	0.9473 0.8607	0.9185 0.8373	0.8806	0.8493	0.8431	Ave		0.8767				4.8		20.0			
1,1,1-Trichloroethane	0.7805 0.7320	0.7910 0.7146	0.7661	0.7239	0.7181	Ave		0.7466				4.3		20.0			
Cyclohexane	+++++ 0.5997	0.8982 0.5821	0.7199	0.6306	0.5897	Ave		0.6700				18.3		20.0			
1,1-Dichloropropene	0.6426 0.6191	0.6661 0.6071	0.6300	0.5996	0.6033	Ave		0.6240				3.9		20.0			
Carbon tetrachloride	0.7137 0.6751	0.7079 0.6572	0.6803	0.6550	0.6535	Ave		0.6775				3.7		20.0			
Isobutanol	+++++ 0.0104	0.0097 0.0095	0.0096	0.0099	0.0093	Ave		0.0097				3.8		20.0			
Benzene	1.3535 1.2809	1.3745 1.2471	1.2993	1.2463	1.2621	Ave		1.2948				4.0		20.0			
1,2-Dichloroethane	0.4847 0.4565	0.5180 0.4420	0.4808	0.4576	0.4524	Ave		0.4703				5.5		20.0			
2,2,4-Trimethylpentane	0.7301 0.8210	0.7392 0.7856	0.7950	0.7546	0.7454	Ave		0.7673				4.4		20.0			
Tert-amyl methyl ether	0.8159 0.8706	0.9118 0.8369	0.8693	0.8490	0.8467	Ave		0.8572				3.6		20.0			
Trichloroethene	0.3662 0.3501	0.3714 0.3486	0.3529	0.3326	0.3422	Ave		0.3520				3.8		20.0			
Methylcyclohexane	0.5572 0.5231	0.5457 0.5130	0.5050	0.5068	0.5024	Ave		0.5219				4.1		20.0			
1,2-Dichloropropane	0.3680 0.3609	0.3824 0.3536	0.3591	0.3473	0.3517	Ave		0.3604				3.3		20.0			
Dibromomethane	0.2299 0.2283	0.2389 0.2195	0.2311	0.2216	0.2207	Ave		0.2272				3.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1 Analy Batch No.: 12941

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/28/2021 11:24 Calibration End Date: 06/28/2021 13:18 Calibration ID: 1110

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Methyl methacrylate	0.1825 0.2414	0.2245 0.2292	0.2234	0.2212	0.2198	Ave		0.2203				8.2		20.0			
1,4-Dioxane (P-Dioxane)	0.0021 0.0024	0.0014 0.0022	0.0020	0.0024	0.0021	Ave		0.0021				16.3		20.0			
Bromodichloromethane	0.4599 0.4597	0.4793 0.4472	0.4579	0.4396	0.4473	Ave		0.4558				2.8		20.0			
2-Chloroethyl vinyl ether	0.1284 0.1639	0.1369 0.1589	0.1393	0.1458	0.1475	Ave		0.1458				8.5		20.0			
cis-1,3-Dichloropropene	0.5332 0.5613	0.5544 0.5523	0.5417	0.5197	0.5393	Ave		0.5431				2.6		20.0			
4-Methyl-2-pentanone	0.2973 0.3101	0.3210 0.2806	0.3045	0.3082	0.2909	Ave		0.3018				4.4		20.0			
Toluene	0.9746 0.9070	0.9894 0.8880	0.9189	0.8909	0.9019	Ave		0.9244				4.4		20.0			
trans-1,3-Dichloropropene	0.5592 0.5842	0.5782 0.5623	0.5649	0.5543	0.5724	Ave		0.5679				1.9		20.0			
Ethyl methacrylate	0.4421 0.5079	0.4950 0.4853	0.4698	0.4771	0.4821	Ave		0.4799				4.3		20.0			
1,1,2-Trichloroethane	0.3299 0.3079	0.3211 0.2971	0.3088	0.3004	0.3025	Ave		0.3097				3.8		20.0			
Tetrachloroethene	0.3566 0.3366	0.3670 0.3329	0.3270	0.3218	0.3283	Ave		0.3386				5.0		20.0			
1,3-Dichloropropane	0.5850 0.5633	0.5970 0.5386	0.5604	0.5388	0.5488	Ave		0.5617				4.0		20.0			
2-Hexanone	0.2613 0.2820	0.2930 0.2527	0.2790	0.2820	0.2672	Ave		0.2739				5.1		20.0			
Dibromochloromethane	0.4073 0.4103	0.4057 0.3999	0.3946	0.3853	0.4025	Ave		0.4008				2.1		20.0			
1,2-Dibromoethane	0.3702 0.3697	0.3749 0.3531	0.3581	0.3508	0.3600	Ave		0.3624				2.6		20.0			
1-Chlorohexane	0.8365 0.3593	0.4738 0.3500	0.3931	0.3525	0.3505	Lin1	0.4974	0.3473				4.3			1.0000		0.9900
Chlorobenzene	1.0836 1.0371	1.1078 1.0038	1.0350	0.9915	1.0187	Ave		1.0396				4.1		20.0			
1,1,1,2-Tetrachloroethane	0.3693 0.3852	0.4122 0.3780	0.3837	0.3679	0.3811	Ave		0.3825				3.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1 Analy Batch No.: 12941

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/28/2021 11:24 Calibration End Date: 06/28/2021 13:18 Calibration ID: 1110

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Ethylbenzene	1.8244 1.7495	1.8547 1.6914	1.7637	1.7055	1.7370	Ave		1.7609				3.4		20.0			
m,p-Xylenes	1.3729 1.3563	1.4025 1.3160	1.3563	1.3195	1.3611	Ave		1.3550				2.2		20.0			
o-Xylene	1.3966 1.4203	1.4522 1.3824	1.3706	1.3533	1.3941	Ave		1.3956				2.3		20.0			
Styrene	1.0590 1.1328	1.0941 1.1094	1.0636	1.0504	1.0987	Ave		1.0869				2.8		20.0			
Bromoform	0.2508 0.2831	0.2677 0.2722	0.2537	0.2620	0.2657	Ave		0.2650				4.1		20.0			
Isopropylbenzene	1.6518 1.7252	1.7715 1.6840	1.6929	1.6525	1.6994	Ave		1.6968				2.5		20.0			
1,1,2,2-Tetrachloroethane	0.8792 0.8379	0.9110 0.7958	0.8214	0.7912	0.8369	Ave		0.8391				5.2		20.0			
Bromobenzene	0.9575 0.8612	0.9300 0.8489	0.8417	0.7913	0.8768	Ave		0.8725				6.4		20.0			
1,2,3-Trichloropropane	1.0019 0.9816	1.0263 0.9230	0.9421	0.9143	0.9697	Ave		0.9656				4.3		20.0			
trans-1,4-Dichloro-2-butene	0.1707 0.1992	0.2045 0.1887	0.1892	0.1883	0.1970	Ave		0.1911				5.7		20.0			
N-Propylbenzene	4.0552 3.8804	4.1308 3.7624	3.8461	3.5855	3.9803	Ave		3.8915				4.7		20.0			
2-Chlorotoluene	2.8450 2.6596	2.8156 2.6103	2.6422	2.4859	2.7442	Ave		2.6861				4.7		20.0			
4-Ethyltoluene	3.3783 3.2780	3.4242 3.1985	3.2229	3.0386	3.3601	Ave		3.2715				4.0		20.0			
1,3,5-Trimethylbenzene	2.9018 2.8420	2.9568 2.7717	2.7927	2.6350	2.9254	Ave		2.8322				3.9		20.0			
4-Chlorotoluene	2.9365 2.7082	2.8057 2.6348	2.6942	2.5160	2.7944	Ave		2.7271				4.9		20.0			
tert-Butylbenzene	2.3630 2.3897	2.5518 2.3397	2.3359	2.2083	2.4618	Ave		2.3786				4.5		20.0			
1,2,4-Trimethylbenzene	2.7017 2.7967	2.8249 2.7553	2.7349	2.5630	2.8946	Ave		2.7530				3.8		20.0			
sec-Butylbenzene	3.5822 3.4835	3.7008 3.4254	3.4240	3.2620	3.5912	Ave		3.4956				4.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1 Analy Batch No.: 12941

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/28/2021 11:24 Calibration End Date: 06/28/2021 13:18 Calibration ID: 1110

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,3-Dichlorobenzene	1.7912 1.6443	1.7290 1.6216	1.6442	1.5112	1.6745	Ave		1.6594				5.3		20.0			
p-Cymene (p-Isopropyltoluene)	2.8832 2.9973	3.0411 2.9256	2.8750	2.7405	3.0597	Ave		2.9318				3.8		20.0			
1,4-Dichlorobenzene	1.8495 1.6402	1.7748 1.6200	1.6553	1.5333	1.6759	Ave		1.6784				6.2		20.0			
Dicyclopentadiene	3.4462 3.3490	3.5339 3.2382	3.3846	3.1483	3.4826	Ave		3.3690				4.1		20.0			
n-Butylbenzene	2.7417 2.6984	2.6881 2.6556	2.5721	2.4476	2.7409	Ave		2.6492				4.0		20.0			
1,2-Dichlorobenzene	1.5956 1.5654	1.6356 1.5348	1.5310	1.4426	1.5821	Ave		1.5553				3.9		20.0			
1,2-Dibromo-3-Chloropropane	0.1341 0.1581	0.1406 0.1493	0.1303	0.1356	0.1463	Ave		0.1421				6.9		20.0			
1,2,4-Trichlorobenzene	0.9136 0.9783	0.9327 0.9446	0.8699	0.8537	0.9513	Ave		0.9206				4.9		20.0			
Hexachlorobutadiene	0.5535 0.4829	0.5246 0.4657	0.4733	0.4575	0.4992	Ave		0.4938				7.0		20.0			
Naphthalene	1.4353 1.8435	1.6242 1.7092	1.5475	1.6238	1.7328	Ave		1.6452				8.1		20.0			
1,2,3-Trichlorobenzene	0.6667 0.7430	0.6904 0.6874	0.6683	0.6750	0.7091	Ave		0.6914				3.9		20.0			
2-Methylnaphthalene	0.1595 0.4045	0.2246 0.3636	0.2371	0.3451	0.3336	Lin1	-0.386	0.3714				26.1			0.9920		0.9900
1-Methylnaphthalene	0.1565 0.2990	0.1768 0.2626	0.1903	0.2661	0.2452	Lin1	-0.223	0.2719				22.7			0.9920		0.9900
Dibromofluoromethane (Surr)	0.4653 0.4739	0.4701 0.4674	0.4717	0.4691	0.4659	Ave		0.4690				0.7		20.0			
1,2-Dichloroethane-d4 (Surr)	0.3702 0.3538	0.3794 0.3515	0.3737	0.3654	0.3570	Ave		0.3644				2.9		20.0			
Toluene-d8 (Surr)	1.3930 1.3634	1.3982 1.3527	1.3811	1.3702	1.3727	Ave		1.3759				1.2		20.0			
4-Bromofluorobenzene (Surr)	0.9759 0.9721	0.9704 0.9719	0.9736	0.9504	0.9874	Ave		0.9717				1.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1 Analy Batch No.: 12941

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/28/2021 11:24 Calibration End Date: 06/28/2021 13:18 Calibration ID: 1110

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-12941/2	E12211148.D
Level 2	IC 860-12941/3	E12211149.D
Level 3	IC 860-12941/4	E12211150.D
Level 4	IC 860-12941/5	E12211151.D
Level 5	ICIS 860-12941/6	E12211152.D
Level 6	IC 860-12941/7	E12211153.D
Level 7	IC 860-12941/8	E12211154.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Propene	PFB	Ave	+++++ 363522	23372 549220	40126	91324	177327	+++++ 100	5.00 150	10.0	25.0	50.0
Dichlorodifluoromethane	PFB	Ave	5126 499012	25972 735796	48401	119138	236333	1.00 100	5.00 150	10.0	25.0	50.0
Chloromethane	PFB	Ave	5706 539709	26763 813207	53097	128575	263003	1.00 100	5.00 150	10.0	25.0	50.0
Vinyl chloride	PFB	Ave	5920 600514	32135 901076	60698	145188	295569	1.00 100	5.00 150	10.0	25.0	50.0
1,3-Butadiene	PFB	Ave	4739 470759	24171 701106	46148	114377	224781	1.00 100	5.00 150	10.0	25.0	50.0
Bromomethane	PFB	Ave	6479 465998	29560 560880	54117	124636	248127	1.00 100	5.00 150	10.0	25.0	50.0
Chloroethane	PFB	Ave	3773 364214	18005 537707	35792	86578	177132	1.00 100	5.00 150	10.0	25.0	50.0
Trichlorofluoromethane	PFB	Ave	9539 893203	45247 1342151	89295	217198	429100	1.00 100	5.00 150	10.0	25.0	50.0
Acrolein	PFB	Ave	3510 350573	18271 505482	34680	86621	168413	5.00 500	25.0 750	50.0	125	250
1,1-Dichloroethene	PFB	Ave	5405 527656	26395 795590	51577	123345	252607	1.00 100	5.00 150	10.0	25.0	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	PFB	Ave	4461 447477	23103 672262	43756	108982	214792	1.00 100	5.00 150	10.0	25.0	50.0
Acetone	PFB	Ave	5088 454399	22491 627677	43210	105218	207381	5.00 500	25.0 750	50.0	125	250
Iodomethane (Methyl Iodide)	PFB	Ave	+++++ 769920	26372 1159239	59780	165467	363784	+++++ 100	5.00 150	10.0	25.0	50.0

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RESPONSE AND CONCENTRATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1 Analy Batch No.: 12941

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/28/2021 11:24 Calibration End Date: 06/28/2021 13:18 Calibration ID: 1110

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Carbon disulfide	PFB	Ave	16348 1477803	73731 2232633	144246	346919	711178	1.00 100	5.00 150	10.0	25.0	50.0
Acetonitrile	PFB	Ave	1344 236542	10483 356947	22182	53390	108572	5.00 500	25.0 750	50.0	125	250
Allyl Chloride (3-Chloropropene)	PFB	Ave	2643 333169	16716 502563	28602	69255	149394	1.00 100	5.00 150	10.0	25.0	50.0
Methyl acetate	PFB	Ave	42294 4432334	212668 6396749	411374	1052497	2054176	10.0 1000	50.0 1500	100	250	500
Methylene Chloride	PFB	Ave	7947 587888	31021 878353	60228	142667	286830	1.00 100	5.00 150	10.0	25.0	50.0
tert-Butyl alcohol	PFB	Ave	2957 224701	11702 309705	21399	57095	102085	5.00 500	25.0 750	50.0	125	250
Acrylonitrile	PFB	Ave	9788 1056316	49556 1518586	99724	252662	492034	5.00 500	25.0 750	50.0	125	250
trans-1,2-Dichloroethene	PFB	Ave	5675 585312	28540 882466	55674	137480	280652	1.00 100	5.00 150	10.0	25.0	50.0
MTBE	PFB	Ave	16059 1713931	83518 2507971	163406	406322	819905	1.00 100	5.00 150	10.0	25.0	50.0
n-Hexane	PFB	Ave	7706 767189	37313 1140510	71158	181649	364099	1.00 100	5.00 150	10.0	25.0	50.0
1,1-Dichloroethane	PFB	Ave	10596 1028512	51627 1556784	101042	246221	505446	1.00 100	5.00 150	10.0	25.0	50.0
Vinyl acetate	PFB	Ave	55615 5153137	280650 7060170	549133	1429836	2801912	5.00 500	25.0 750	50.0	125	250
Isopropyl ether	PFB	Ave	16431 1678950	81395 2494288	161100	398579	822676	1.00 100	5.00 150	10.0	25.0	50.0
Chloroprene	PFB	Ave	6843 900597	42588 1343655	81419	187852	395617	1.00 100	5.00 150	10.0	25.0	50.0
Ethyl tert-butyl ether	PFB	Ave	16396 1720413	83992 2570211	164638	407084	833069	1.00 100	5.00 150	10.0	25.0	50.0
2,2-Dichloropropane	PFB	Ave	9178 913741	46243 1373364	89943	219931	445397	1.00 100	5.00 150	10.0	25.0	50.0
cis-1,2-Dichloroethene	PFB	Ave	9634 995045	48738 1483967	96775	236830	485667	1.00 100	5.00 150	10.0	25.0	50.0
2-Butanone	PFB	Ave	4139 438694	21836 610899	42083	107436	203067	5.00 500	25.0 750	50.0	125	250

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RESPONSE AND CONCENTRATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1 Analy Batch No.: 12941

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/28/2021 11:24 Calibration End Date: 06/28/2021 13:18 Calibration ID: 1110

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Propane Nitrile (Propionitrile)	PFB	Ave	599 82672	3653 113968	7293	18877	37308	1.00 100	5.00 150	10.0	25.0	50.0
Methacrylonitrile	PFB	Ave	1982 262533	12486 380395	24450	60746	122222	1.00 100	5.00 150	10.0	25.0	50.0
Bromochloromethane	PFB	Ave	4124 443629	21387 663048	43093	104435	212904	1.00 100	5.00 150	10.0	25.0	50.0
Tetrahydrofuran	PFB	Ave	+++++ 168207	9967 239611	17749	42749	80678	+++++ 100	5.00 150	10.0	25.0	50.0
Chloroform	PFB	Ave	11625 1100392	54574 1642900	107441	263948	538563	1.00 100	5.00 150	10.0	25.0	50.0
1,1,1-Trichloroethane	PFB	Ave	9578 935933	46999 1402044	93470	224971	458710	1.00 100	5.00 150	10.0	25.0	50.0
Cyclohexane	PFB	Ave	+++++ 766729	53368 1142148	87834	195963	376697	+++++ 100	5.00 150	10.0	25.0	50.0
1,1-Dichloropropene	PFB	Ave	7886 791486	39580 1191246	76863	186343	385389	1.00 100	5.00 150	10.0	25.0	50.0
Carbon tetrachloride	PFB	Ave	8758 863081	42059 1289386	83006	203570	417428	1.00 100	5.00 150	10.0	25.0	50.0
Isobutanol	DFBZ	Ave	+++++ 194138	8384 273256	17046	45145	86524	+++++ 1000	50.0 1500	100	250	500
Benzene	DFBZ	Ave	24304 2396386	119001 3578218	231514	569731	1171102	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dichloroethane	DFBZ	Ave	8704 853994	44846 1268098	85677	209181	419786	1.00 100	5.00 150	10.0	25.0	50.0
2,2,4-Trimethylpentane	DFBZ	Ave	26219 3072095	127989 4508074	283324	689929	1383210	2.00 200	10.0 300	20.0	50.0	100
Tert-amyl methyl ether	DFBZ	Ave	14650 1628715	78941 2401271	154904	388100	785586	1.00 100	5.00 150	10.0	25.0	50.0
Trichloroethene	DFBZ	Ave	6575 655029	32155 1000219	62886	152038	317487	1.00 100	5.00 150	10.0	25.0	50.0
Methylcyclohexane	DFBZ	Ave	10006 978583	47248 1471852	89987	231681	466176	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dichloropropane	DFBZ	Ave	6608 675153	33105 1014485	63988	158772	326309	1.00 100	5.00 150	10.0	25.0	50.0
Dibromomethane	DFBZ	Ave	4129 427198	20684 629916	41181	101295	204793	1.00 100	5.00 150	10.0	25.0	50.0

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RESPONSE AND CONCENTRATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1 Analy Batch No.: 12941

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/28/2021 11:24 Calibration End Date: 06/28/2021 13:18 Calibration ID: 1110

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Methyl methacrylate	DFBZ	Ave	3277 451564	19440 657561	39805	101125	203975	1.00 100	5.00 150	10.0	25.0	50.0
1,4-Dioxane (P-Dioxane)	DFBZ	Ave	371 44000	1202 63694	3618	11072	19593	10.0 1000	50.0 1500	100	250	500
Bromodichloromethane	DFBZ	Ave	8258 860074	41496 1283225	81584	200975	415015	1.00 100	5.00 150	10.0	25.0	50.0
2-Chloroethyl vinyl ether	DFBZ	Ave	2305 306690	11849 455990	24830	66637	136901	1.00 100	5.00 150	10.0	25.0	50.0
cis-1,3-Dichloropropene	DFBZ	Ave	9575 1050144	47998 1584649	96530	237547	500370	1.00 100	5.00 150	10.0	25.0	50.0
4-Methyl-2-pentanone	DFBZ	Ave	26694 2900826	138973 4025720	271275	704535	1349589	5.00 500	25.0 750	50.0	125	250
Toluene	CBNZ d5	Ave	15103 1518884	74879 2284744	145384	362481	739628	1.00 100	5.00 150	10.0	25.0	50.0
trans-1,3-Dichloropropene	CBNZ d5	Ave	8666 978261	43760 1446853	89385	225527	469408	1.00 100	5.00 150	10.0	25.0	50.0
Ethyl methacrylate	CBNZ d5	Ave	6851 850425	37460 1248661	74328	194137	395374	1.00 100	5.00 150	10.0	25.0	50.0
1,1,2-Trichloroethane	CBNZ d5	Ave	5112 515662	24302 764303	48859	122241	248044	1.00 100	5.00 150	10.0	25.0	50.0
Tetrachloroethene	CBNZ d5	Ave	5526 563656	27777 856422	51741	130956	269187	1.00 100	5.00 150	10.0	25.0	50.0
1,3-Dichloropropane	CBNZ d5	Ave	9065 943242	45180 1385776	88661	219219	450043	1.00 100	5.00 150	10.0	25.0	50.0
2-Hexanone	CBNZ d5	Ave	20245 2361023	110859 3250727	220708	573790	1095634	5.00 500	25.0 750	50.0	125	250
Dibromochloromethane	CBNZ d5	Ave	6311 687033	30702 1028874	62438	156782	330100	1.00 100	5.00 150	10.0	25.0	50.0

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Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1 Analy Batch No.: 12941

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/28/2021 11:24 Calibration End Date: 06/28/2021 13:18 Calibration ID: 1110

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,2-Dibromoethane	CBNZ d5	Ave	5736 619038	28371 908398	56656	142719	295209	1.00 100	5.00 150	10.0	25.0	50.0
1-Chlorohexane	CBNZ d5	Lin1	12963 601612	35856 900535	62198	143440	287436	1.00 100	5.00 150	10.0	25.0	50.0
Chlorobenzene	CBNZ d5	Ave	16791 1736660	83840 2582730	163755	403418	835411	1.00 100	5.00 150	10.0	25.0	50.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	5722 645039	31196 972521	60705	149698	312505	1.00 100	5.00 150	10.0	25.0	50.0
Ethylbenzene	CBNZ d5	Ave	28270 2929613	140369 4351975	279052	693964	1424418	1.00 100	5.00 150	10.0	25.0	50.0
m,p-Xylenes	CBNZ d5	Ave	42550 4542306	212297 6771895	429208	1073791	2232328	2.00 200	10.0 300	20.0	50.0	100
o-Xylene	CBNZ d5	Ave	21641 2378330	109909 3556847	216861	550626	1143236	1.00 100	5.00 150	10.0	25.0	50.0
Styrene	CBNZ d5	Ave	16410 1896843	82809 2854509	168281	427399	901010	1.00 100	5.00 150	10.0	25.0	50.0
Bromoform	CBNZ d5	Ave	3887 474056	20262 700363	40146	106610	217860	1.00 100	5.00 150	10.0	25.0	50.0
Isopropylbenzene	CBNZ d5	Ave	25596 2888986	134073 4332934	267857	672390	1393611	1.00 100	5.00 150	10.0	25.0	50.0
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	6718 726470	34554 1055669	66447	171923	341686	1.00 100	5.00 150	10.0	25.0	50.0
Bromobenzene	DCBd 4	Ave	7316 746646	35276 1126146	68091	171942	357981	1.00 100	5.00 150	10.0	25.0	50.0

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SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/28/2021 11:24 Calibration End Date: 06/28/2021 13:18 Calibration ID: 1110

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,2,3-Trichloropropane	DCBd 4	Ave	7655 851066	38930 1224481	76211	198663	395940	1.00 100	5.00 150	10.0	25.0	50.0
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	1304 172708	7755 250388	15304	40906	80439	1.00 100	5.00 150	10.0	25.0	50.0
N-Propylbenzene	DCBd 4	Ave	30985 3364271	156686 4991360	311131	779090	1625148	1.00 100	5.00 150	10.0	25.0	50.0
2-Chlorotoluene	DCBd 4	Ave	21738 2305815	106798 3462838	213744	540147	1120441	1.00 100	5.00 150	10.0	25.0	50.0
4-Ethyltoluene	DCBd 4	Ave	25813 2842009	129882 4243212	260722	660242	1371918	1.00 100	5.00 150	10.0	25.0	50.0
1,3,5-Trimethylbenzene	DCBd 4	Ave	22172 2463998	112153 3677014	225920	572554	1194432	1.00 100	5.00 150	10.0	25.0	50.0
4-Chlorotoluene	DCBd 4	Ave	22437 2347988	106423 3495441	217954	546689	1140946	1.00 100	5.00 150	10.0	25.0	50.0
tert-Butylbenzene	DCBd 4	Ave	18055 2071858	96792 3103959	188963	479834	1005128	1.00 100	5.00 150	10.0	25.0	50.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	20643 2424730	107150 3655226	221244	556911	1181845	1.00 100	5.00 150	10.0	25.0	50.0
sec-Butylbenzene	DCBd 4	Ave	27371 3020092	140374 4544284	276987	708788	1466252	1.00 100	5.00 150	10.0	25.0	50.0
1,3-Dichlorobenzene	DCBd 4	Ave	13686 1425565	65584 2151258	133006	328362	683703	1.00 100	5.00 150	10.0	25.0	50.0
p-Cymene (p-Isopropyltoluene)	DCBd 4	Ave	22030 2598647	115351 3881169	232576	595481	1249265	1.00 100	5.00 150	10.0	25.0	50.0

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Received by OCD: 3/25/2022 8:51:12 AM

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1 Analy Batch No.: 12941

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/28/2021 11:24 Calibration End Date: 06/28/2021 13:18 Calibration ID: 1110

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,4-Dichlorobenzene	DCBd 4	Ave	14132 1422065	67319 2149118	133906	333165	684260	1.00 100	5.00 150	10.0	25.0	50.0
Dicyclopentadiene	DCBd 4	Ave	26332 2903501	134045 4295914	273803	684086	1421906	1.00 100	5.00 150	10.0	25.0	50.0
n-Butylbenzene	DCBd 4	Ave	20949 2339501	101962 3522986	208071	531836	1119105	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dichlorobenzene	DCBd 4	Ave	12192 1357153	62040 2036055	123856	313458	645970	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	1025 137101	5332 198116	10543	29465	59729	1.00 100	5.00 150	10.0	25.0	50.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	6981 848175	35377 1253097	70369	185497	388414	1.00 100	5.00 150	10.0	25.0	50.0
Hexachlorobutadiene	DCBd 4	Ave	4229 418678	19899 617748	38290	99416	203835	1.00 100	5.00 150	10.0	25.0	50.0
Naphthalene	DCBd 4	Ave	10967 1598250	61608 2267450	125186	352833	707507	1.00 100	5.00 150	10.0	25.0	50.0
1,2,3-Trichlorobenzene	DCBd 4	Ave	5094 644184	26189 911953	54060	146676	289521	1.00 100	5.00 150	10.0	25.0	50.0
2-Methylnaphthalene	DCBd 4	Lin1	1219 350670	8520 482332	19183	74989	136223	1.00 100	5.00 150	10.0	25.0	50.0
1-Methylnaphthalene	DCBd 4	Lin1	1196 259242	6708 348425	15396	57831	100113	1.00 100	5.00 150	10.0	25.0	50.0
Dibromofluoromethane (Surr)	PFB	Ave	285481 302946	279316 305670	287741	291540	297625	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	DFBZ	Ave	332354	328450	332911	334069	331226	50.0	50.0	50.0	50.0	50.0

Released to Imaging: 6/14/2022 10:51:35 AM

Received by OCD: 3/25/2022 8:51:12 AM

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1 Analy Batch No.: 12941

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/28/2021 11:24 Calibration End Date: 06/28/2021 13:18 Calibration ID: 1110

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			330976	336211				50.0	50.0			
Toluene-d8 (Surr)	CBNZ d5	Ave	1079319 1141574	1058200 1160111	1092569	1115018	1125647	50.0 50.0	50.0 50.0	50.0	50.0	50.0
4-Bromofluorobenzene (Surr)	DCBd 4	Ave	372844 421396	368096 429793	393783	413012	403141	50.0 50.0	50.0 50.0	50.0	50.0	50.0

Curve Type Legend

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD

Released to Imaging: 6/14/2022 10:51:35 AM

Calibration / Propene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

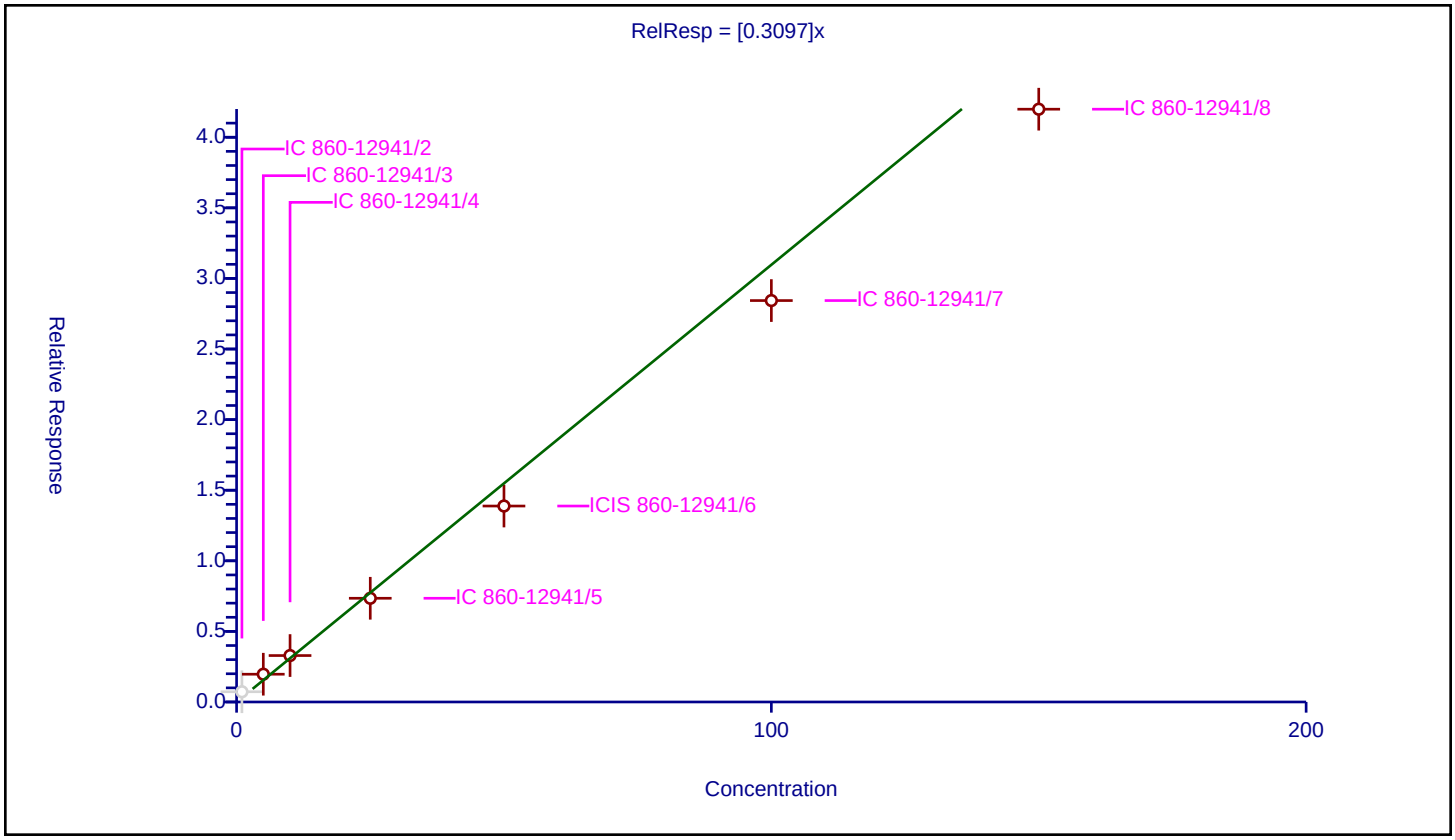
Curve Coefficients

Intercept:	0
Slope:	0.3097

Error Coefficients

Standard Error:	308000
Relative Standard Error:	14.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.958

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	0.725086	50.0	613582.0	0.725086	N
2	IC 860-12941/3	5.0	1.966751	50.0	594178.0	0.39335	Y
3	IC 860-12941/4	10.0	3.288838	50.0	610033.0	0.328884	Y
4	IC 860-12941/5	25.0	7.346567	50.0	621542.0	0.293863	Y
5	ICIS 860-12941/6	50.0	13.880109	50.0	638781.0	0.277602	Y
6	IC 860-12941/7	100.0	28.432676	50.0	639268.0	0.284327	Y
7	IC 860-12941/8	150.0	41.987499	50.0	654028.0	0.279917	Y



Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

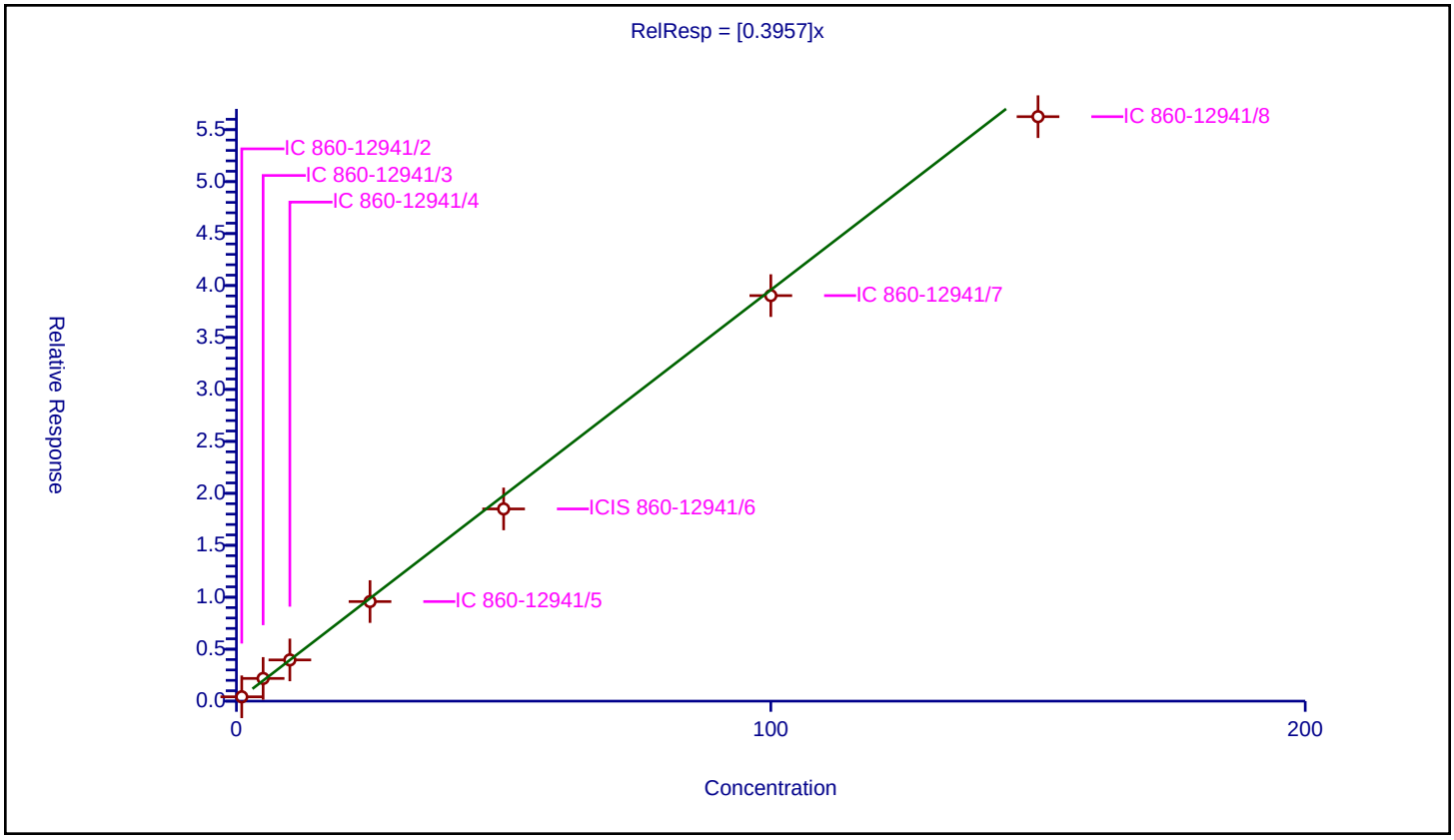
Curve Coefficients

Intercept:	0
Slope:	0.3957

Error Coefficients

Standard Error:	379000
Relative Standard Error:	6.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	0.417711	50.0	613582.0	0.417711	Y
2	IC 860-12941/3	5.0	2.18554	50.0	594178.0	0.437108	Y
3	IC 860-12941/4	10.0	3.96708	50.0	610033.0	0.396708	Y
4	IC 860-12941/5	25.0	9.584067	50.0	621542.0	0.383363	Y
5	ICIS 860-12941/6	50.0	18.49875	50.0	638781.0	0.369975	Y
6	IC 860-12941/7	100.0	39.029953	50.0	639268.0	0.3903	Y
7	IC 860-12941/8	150.0	56.251109	50.0	654028.0	0.375007	Y



Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

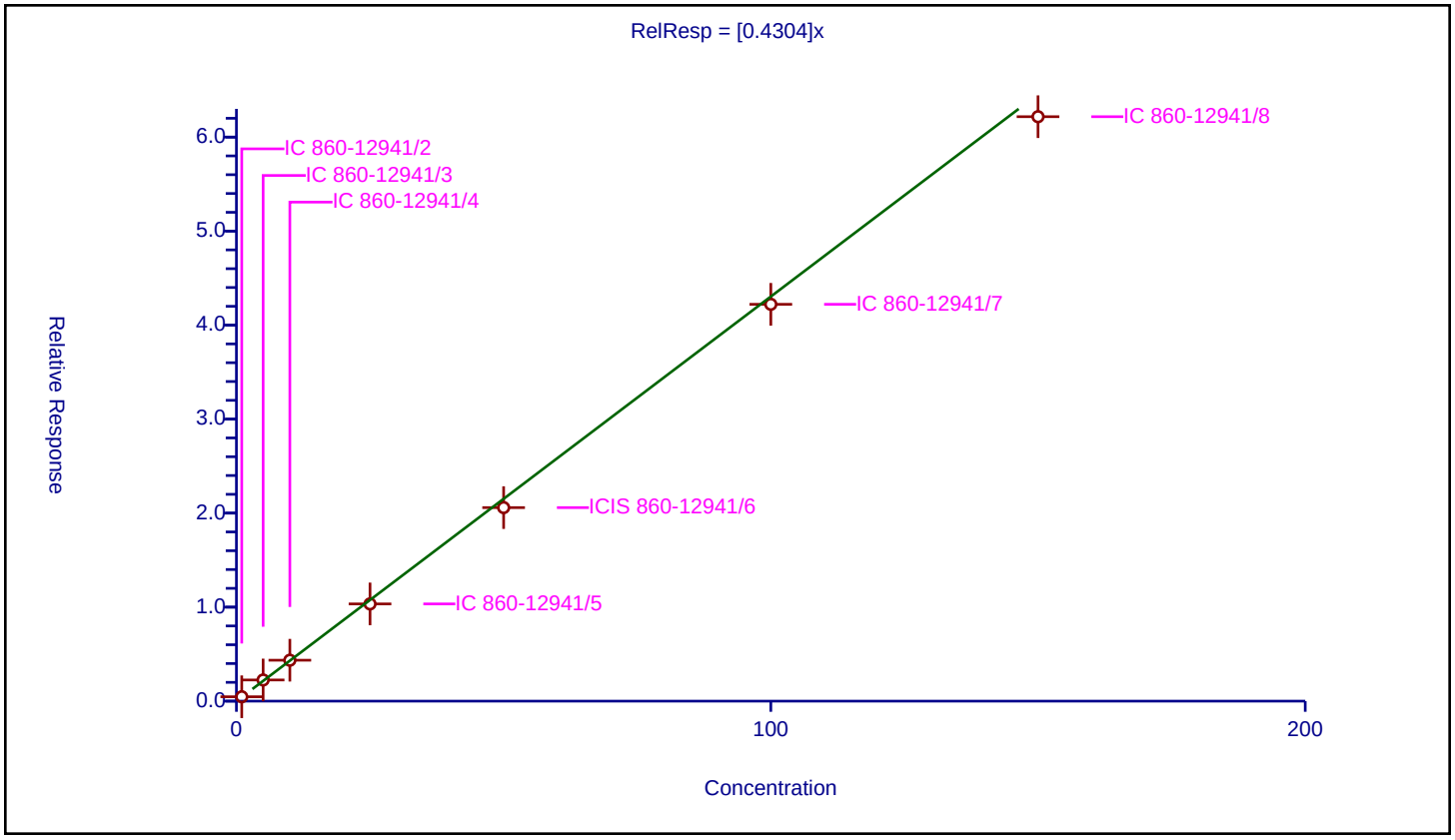
Curve Coefficients

Intercept:	0
Slope:	0.4304

Error Coefficients

Standard Error:	417000
Relative Standard Error:	4.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	0.464975	50.0	613582.0	0.464975	Y
2	IC 860-12941/3	5.0	2.252103	50.0	594178.0	0.450421	Y
3	IC 860-12941/4	10.0	4.351978	50.0	610033.0	0.435198	Y
4	IC 860-12941/5	25.0	10.343227	50.0	621542.0	0.413729	Y
5	ICIS 860-12941/6	50.0	20.58632	50.0	638781.0	0.411726	Y
6	IC 860-12941/7	100.0	42.213047	50.0	639268.0	0.42213	Y
7	IC 860-12941/8	150.0	62.169127	50.0	654028.0	0.414461	Y



Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

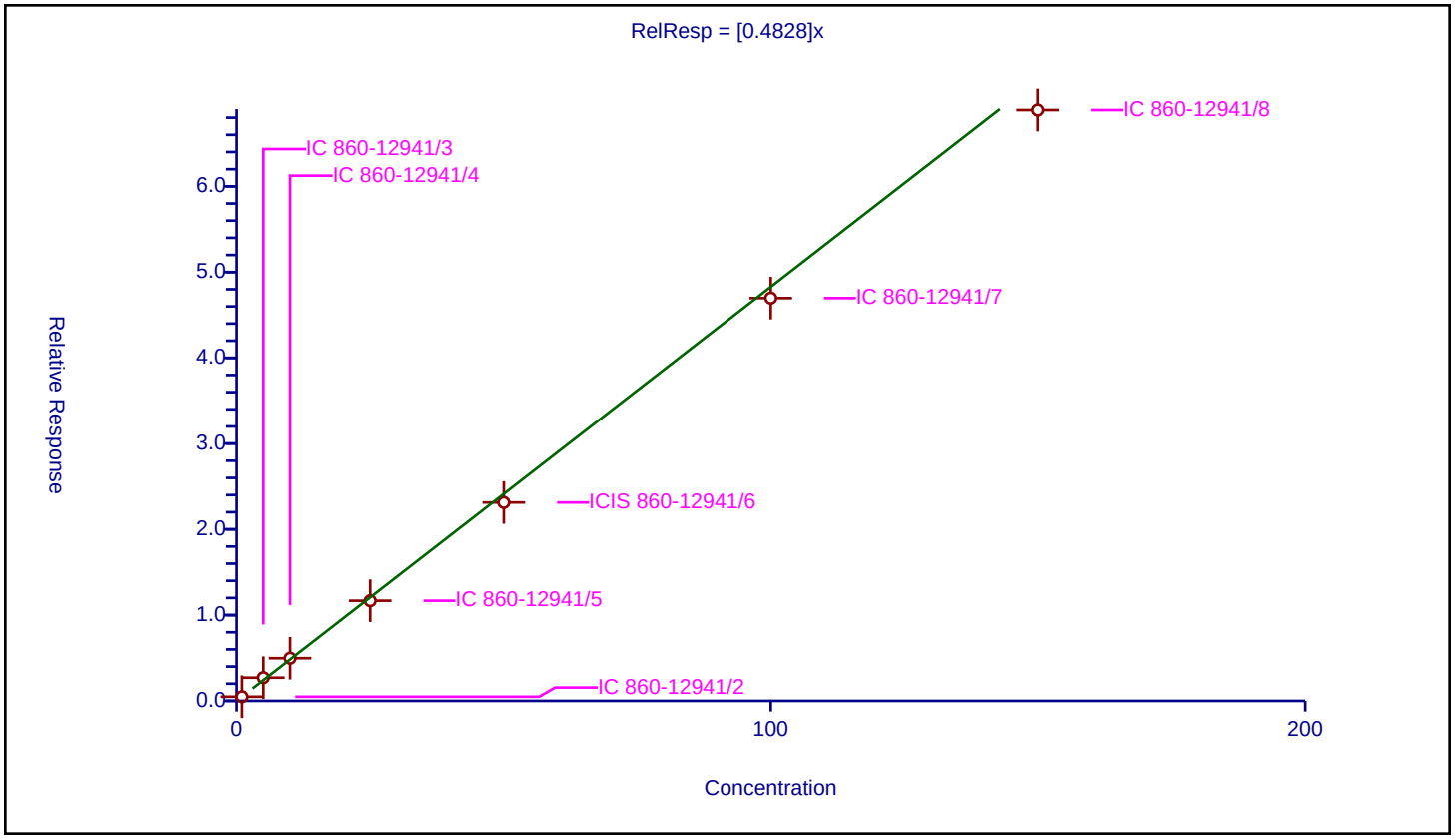
Curve Coefficients

Intercept:	0
Slope:	0.4828

Error Coefficients

Standard Error:	463000
Relative Standard Error:	6.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	0.482413	50.0	613582.0	0.482413	Y
2	IC 860-12941/3	5.0	2.704156	50.0	594178.0	0.540831	Y
3	IC 860-12941/4	10.0	4.974977	50.0	610033.0	0.497498	Y
4	IC 860-12941/5	25.0	11.679661	50.0	621542.0	0.467186	Y
5	ICIS 860-12941/6	50.0	23.135394	50.0	638781.0	0.462708	Y
6	IC 860-12941/7	100.0	46.968877	50.0	639268.0	0.469689	Y
7	IC 860-12941/8	150.0	68.886653	50.0	654028.0	0.459244	Y



Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

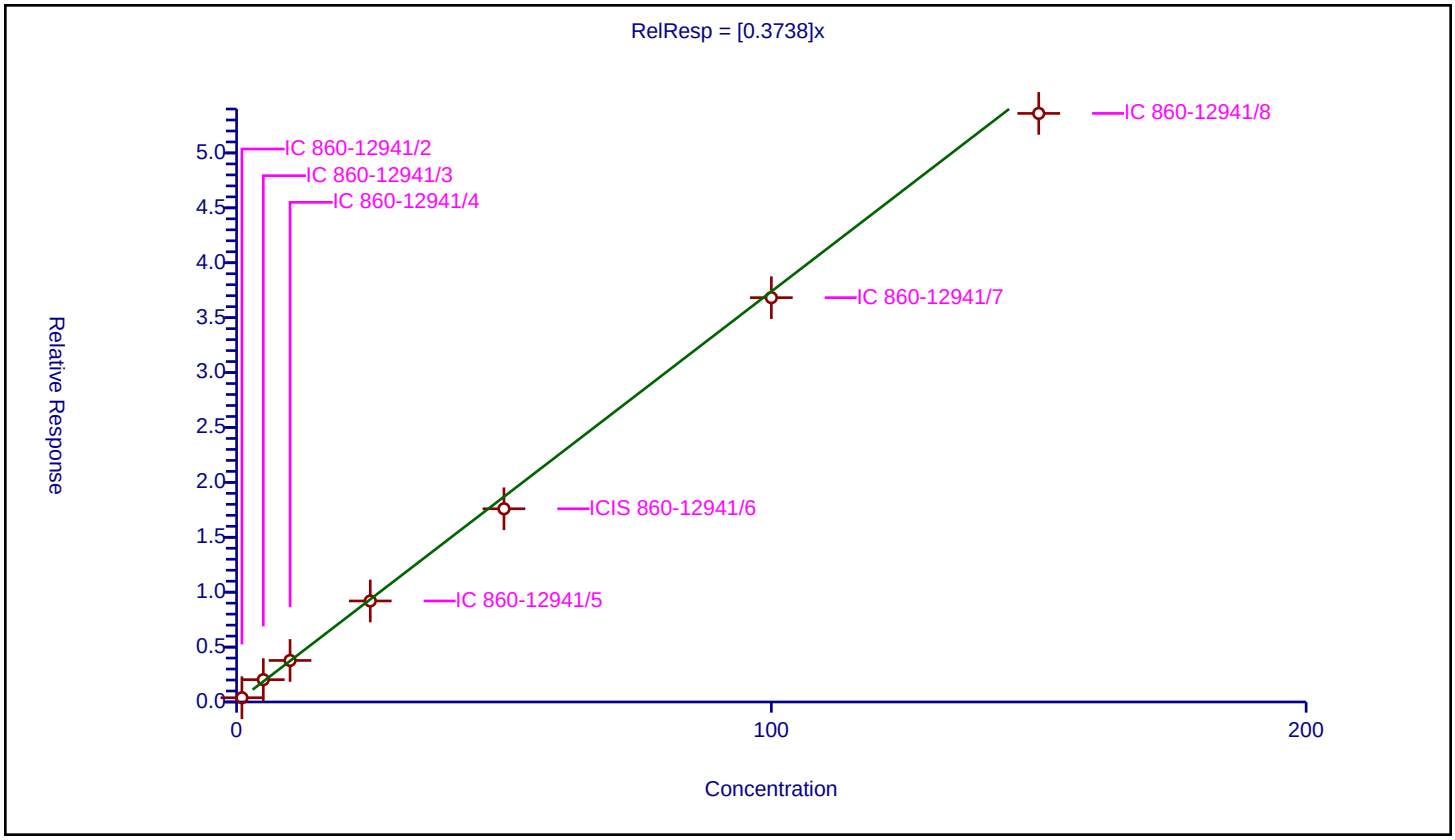
Curve Coefficients

Intercept:	0
Slope:	0.3738

Error Coefficients

Standard Error:	360000
Relative Standard Error:	5.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	0.386175	50.0	613582.0	0.386175	Y
2	IC 860-12941/3	5.0	2.033986	50.0	594178.0	0.406797	Y
3	IC 860-12941/4	10.0	3.782418	50.0	610033.0	0.378242	Y
4	IC 860-12941/5	25.0	9.201068	50.0	621542.0	0.368043	Y
5	ICIS 860-12941/6	50.0	17.594528	50.0	638781.0	0.351891	Y
6	IC 860-12941/7	100.0	36.82016	50.0	639268.0	0.368202	Y
7	IC 860-12941/8	150.0	53.599081	50.0	654028.0	0.357327	Y



Calibration / Bromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

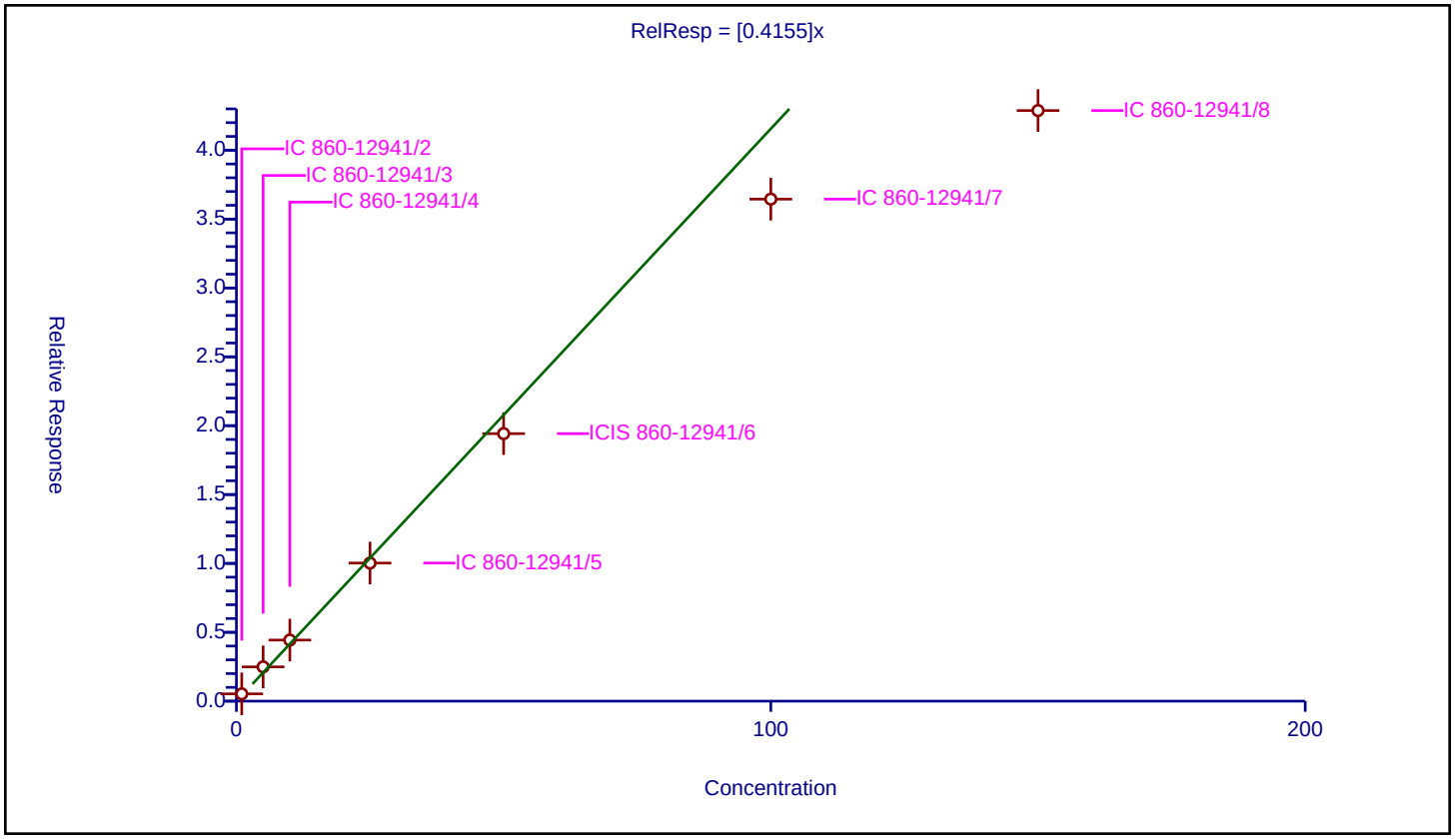
Curve Coefficients

Intercept:	0
Slope:	0.4155

Error Coefficients

Standard Error:	320000
Relative Standard Error:	19.8
Correlation Coefficient:	0.978
Coefficient of Determination (Adjusted):	0.948

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	0.527965	50.0	613582.0	0.527965	Y
2	IC 860-12941/3	5.0	2.48747	50.0	594178.0	0.497494	Y
3	IC 860-12941/4	10.0	4.43558	50.0	610033.0	0.443558	Y
4	IC 860-12941/5	25.0	10.026354	50.0	621542.0	0.401054	Y
5	ICIS 860-12941/6	50.0	19.421915	50.0	638781.0	0.388438	Y
6	IC 860-12941/7	100.0	36.447781	50.0	639268.0	0.364478	Y
7	IC 860-12941/8	150.0	42.878898	50.0	654028.0	0.285859	Y



Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

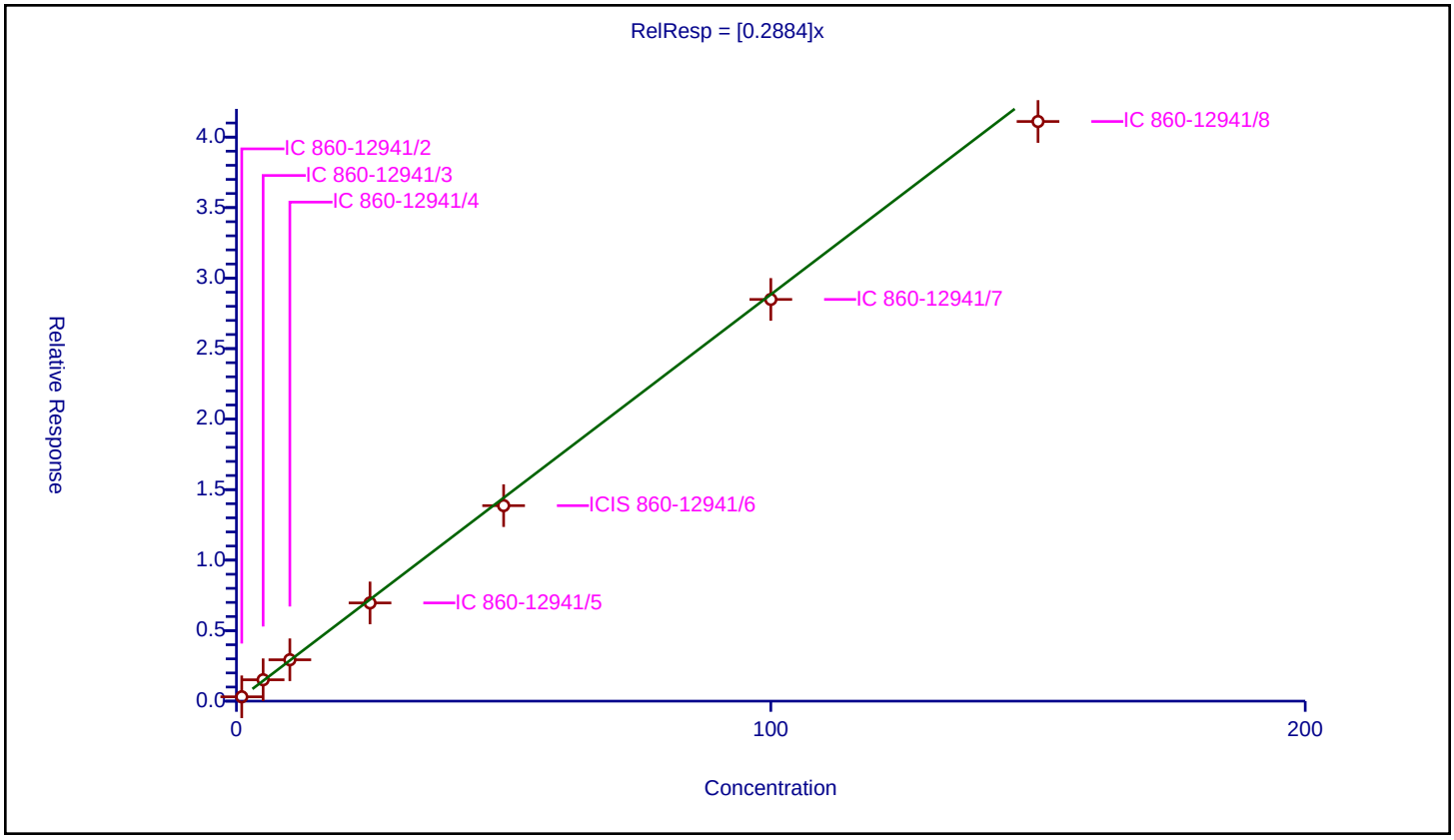
Curve Coefficients

Intercept:	0
Slope:	0.2884

Error Coefficients

Standard Error:	278000
Relative Standard Error:	4.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	0.307457	50.0	613582.0	0.307457	Y
2	IC 860-12941/3	5.0	1.515118	50.0	594178.0	0.303024	Y
3	IC 860-12941/4	10.0	2.933612	50.0	610033.0	0.293361	Y
4	IC 860-12941/5	25.0	6.964775	50.0	621542.0	0.278591	Y
5	ICIS 860-12941/6	50.0	13.864846	50.0	638781.0	0.277297	Y
6	IC 860-12941/7	100.0	28.486801	50.0	639268.0	0.284868	Y
7	IC 860-12941/8	150.0	41.107338	50.0	654028.0	0.274049	Y



Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

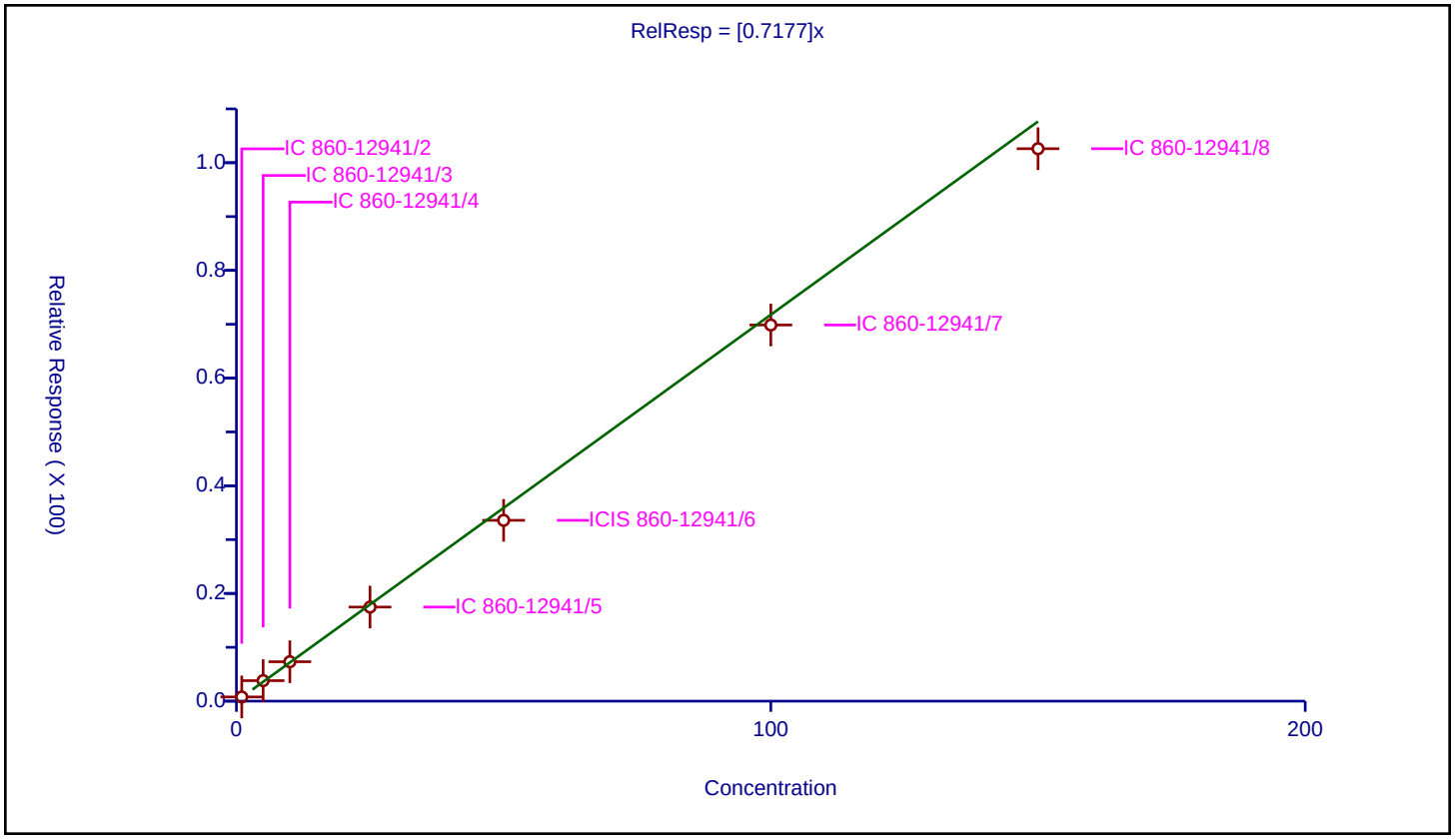
Curve Coefficients

Intercept:	0
Slope:	0.7177

Error Coefficients

Standard Error:	688000
Relative Standard Error:	5.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	0.777321	50.0	613582.0	0.777321	Y
2	IC 860-12941/3	5.0	3.807529	50.0	594178.0	0.761506	Y
3	IC 860-12941/4	10.0	7.318866	50.0	610033.0	0.731887	Y
4	IC 860-12941/5	25.0	17.472512	50.0	621542.0	0.6989	Y
5	ICIS 860-12941/6	50.0	33.587411	50.0	638781.0	0.671748	Y
6	IC 860-12941/7	100.0	69.861388	50.0	639268.0	0.698614	Y
7	IC 860-12941/8	150.0	102.60654	50.0	654028.0	0.684044	Y



Calibration / Acrolein

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

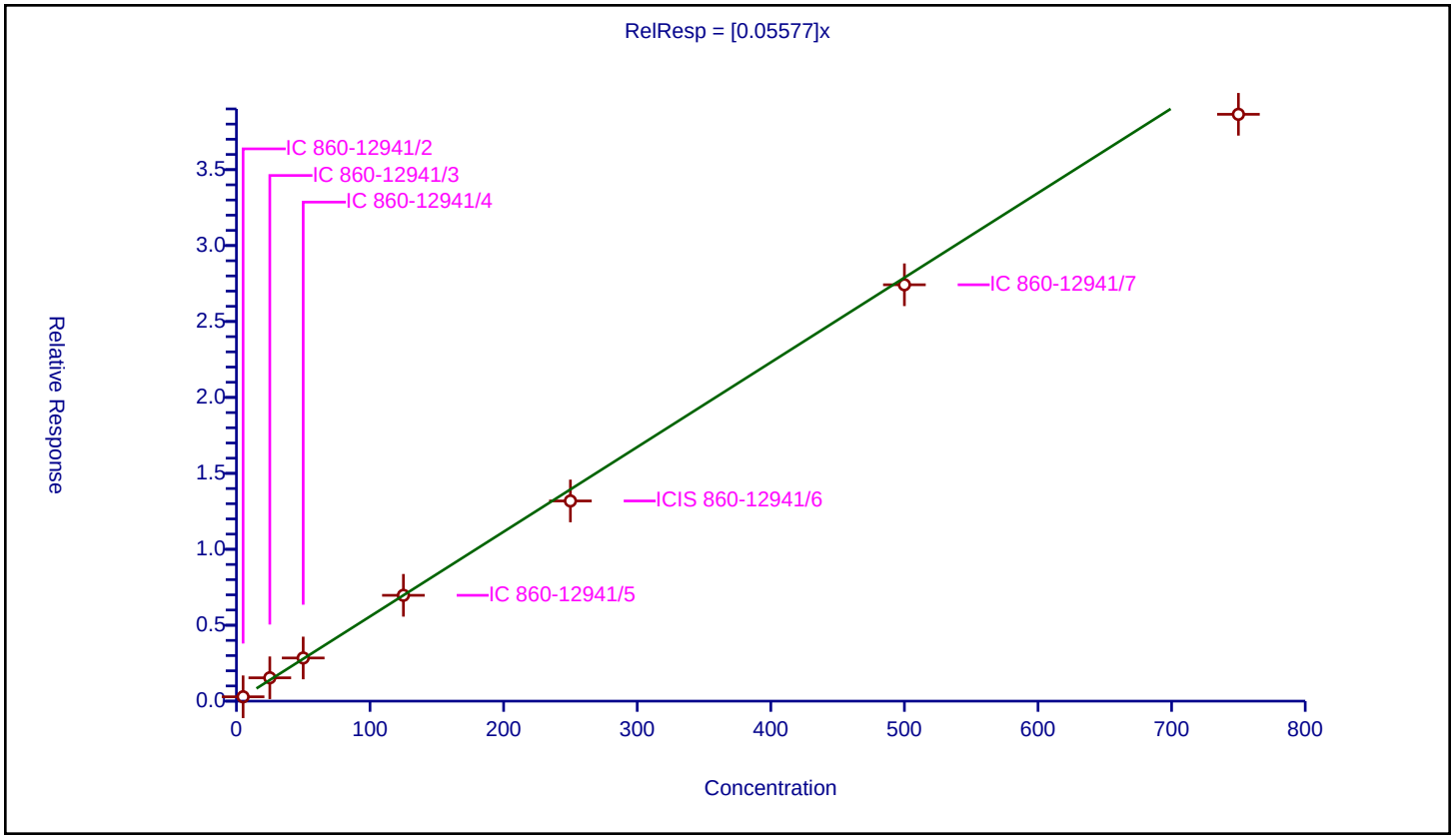
Curve Coefficients

Intercept:	0
Slope:	0.05577

Error Coefficients

Standard Error:	263000
Relative Standard Error:	5.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	5.0	0.286025	50.0	613582.0	0.057205	Y
2	IC 860-12941/3	25.0	1.537502	50.0	594178.0	0.0615	Y
3	IC 860-12941/4	50.0	2.842469	50.0	610033.0	0.056849	Y
4	IC 860-12941/5	125.0	6.968234	50.0	621542.0	0.055746	Y
5	ICIS 860-12941/6	250.0	13.182374	50.0	638781.0	0.052729	Y
6	IC 860-12941/7	500.0	27.419877	50.0	639268.0	0.05484	Y
7	IC 860-12941/8	750.0	38.643758	50.0	654028.0	0.051525	Y



Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

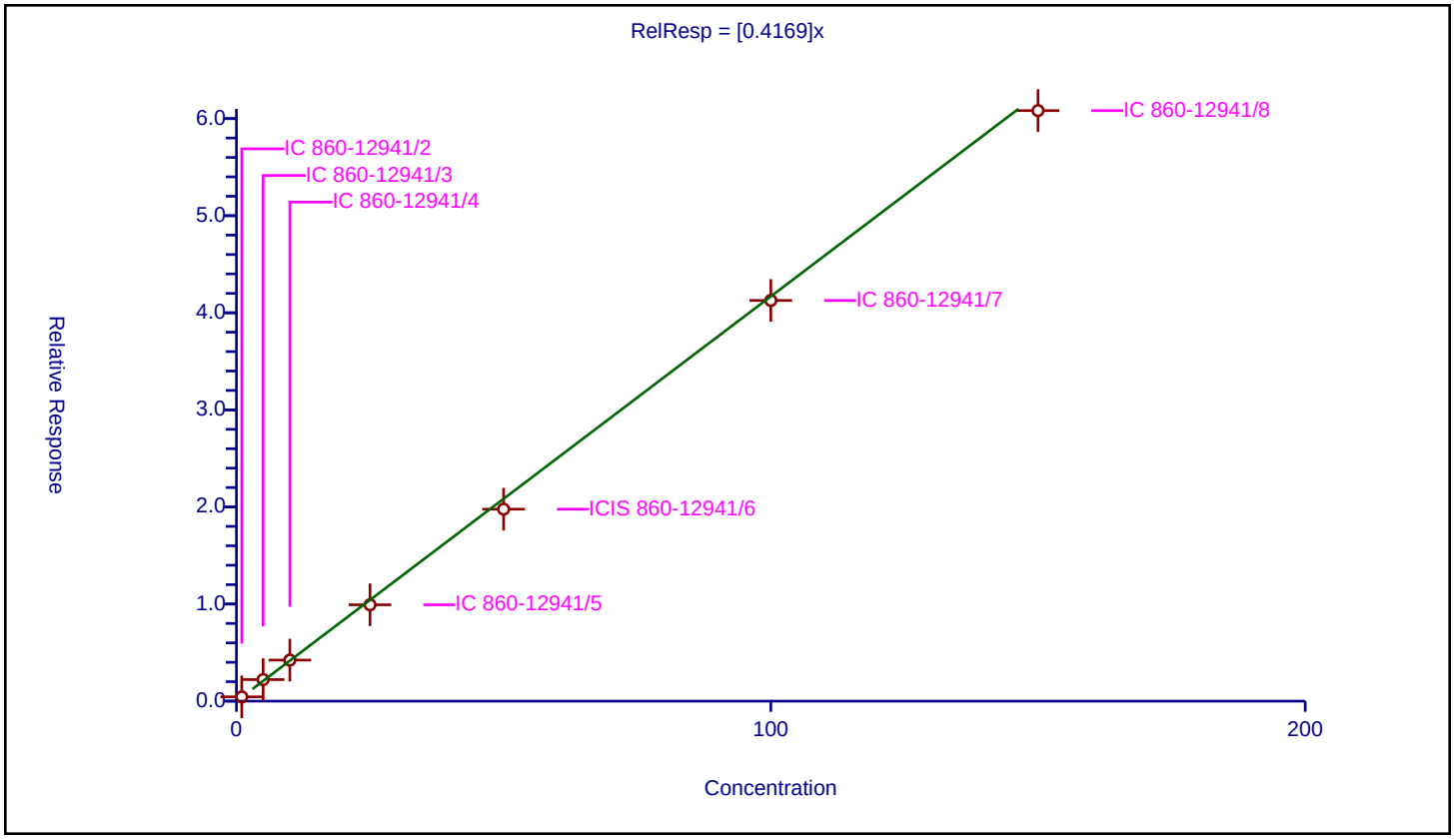
Curve Coefficients

Intercept:	0
Slope:	0.4169

Error Coefficients

Standard Error:	407000
Relative Standard Error:	4.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	0.440446	50.0	613582.0	0.440446	Y
2	IC 860-12941/3	5.0	2.221136	50.0	594178.0	0.444227	Y
3	IC 860-12941/4	10.0	4.227394	50.0	610033.0	0.422739	Y
4	IC 860-12941/5	25.0	9.922499	50.0	621542.0	0.3969	Y
5	ICIS 860-12941/6	50.0	19.772582	50.0	638781.0	0.395452	Y
6	IC 860-12941/7	100.0	41.270328	50.0	639268.0	0.412703	Y
7	IC 860-12941/8	150.0	60.82232	50.0	654028.0	0.405482	Y



Calibration / 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

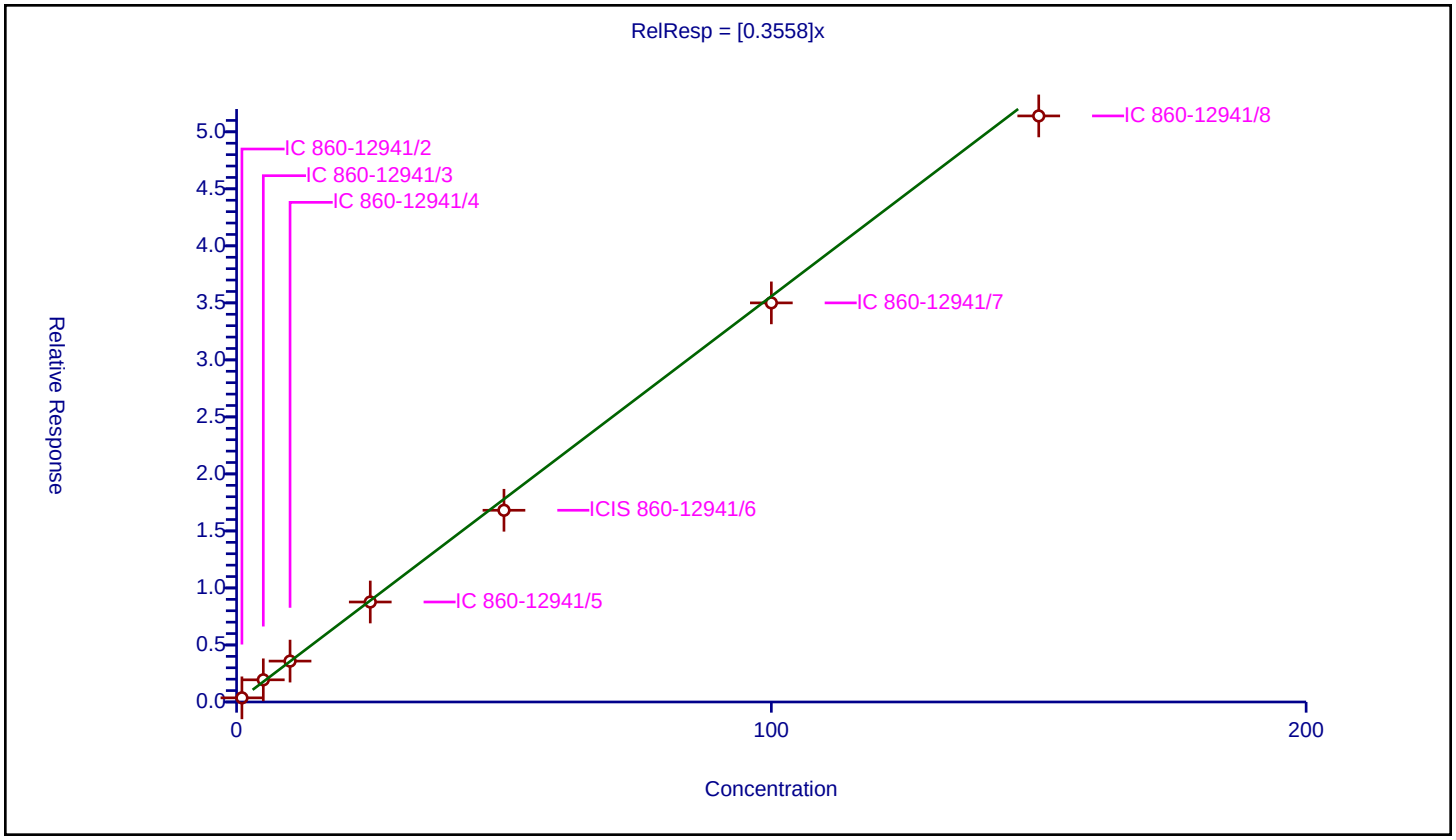
Curve Coefficients

Intercept:	0
Slope:	0.3558

Error Coefficients

Standard Error:	345000
Relative Standard Error:	4.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	0.363521	50.0	613582.0	0.363521	Y
2	IC 860-12941/3	5.0	1.944114	50.0	594178.0	0.388823	Y
3	IC 860-12941/4	10.0	3.586363	50.0	610033.0	0.358636	Y
4	IC 860-12941/5	25.0	8.767066	50.0	621542.0	0.350683	Y
5	ICIS 860-12941/6	50.0	16.812648	50.0	638781.0	0.336253	Y
6	IC 860-12941/7	100.0	34.999171	50.0	639268.0	0.349992	Y
7	IC 860-12941/8	150.0	51.393977	50.0	654028.0	0.342627	Y



Calibration / Acetone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

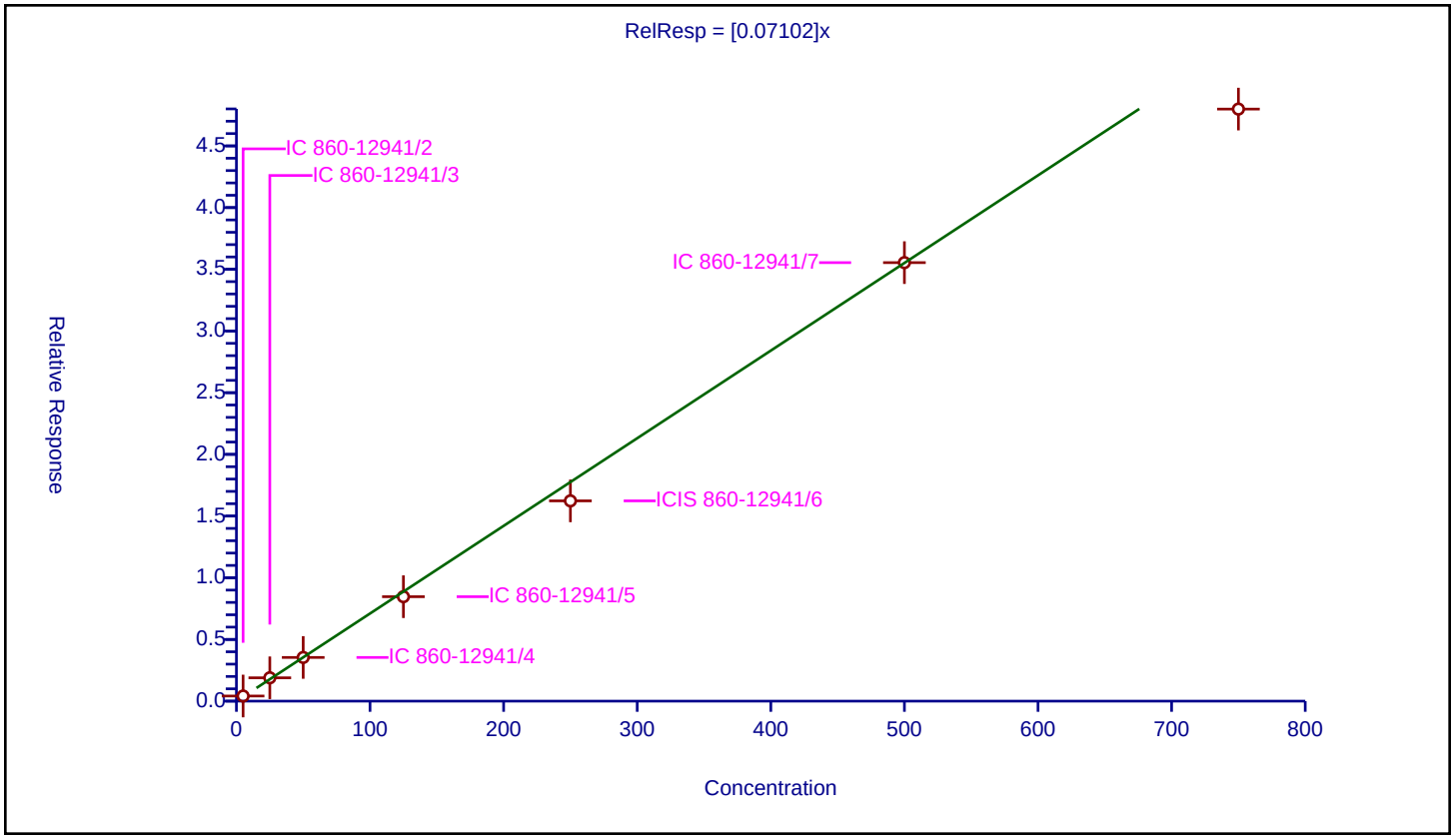
Curve Coefficients

Intercept:	0
Slope:	0.07102

Error Coefficients

Standard Error:	331000
Relative Standard Error:	9.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	5.0	0.414615	50.0	613582.0	0.082923	Y
2	IC 860-12941/3	25.0	1.892615	50.0	594178.0	0.075705	Y
3	IC 860-12941/4	50.0	3.541612	50.0	610033.0	0.070832	Y
4	IC 860-12941/5	125.0	8.464271	50.0	621542.0	0.067714	Y
5	ICIS 860-12941/6	250.0	16.232559	50.0	638781.0	0.06493	Y
6	IC 860-12941/7	500.0	35.540571	50.0	639268.0	0.071081	Y
7	IC 860-12941/8	750.0	47.985484	50.0	654028.0	0.063981	Y



Calibration / Iodomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

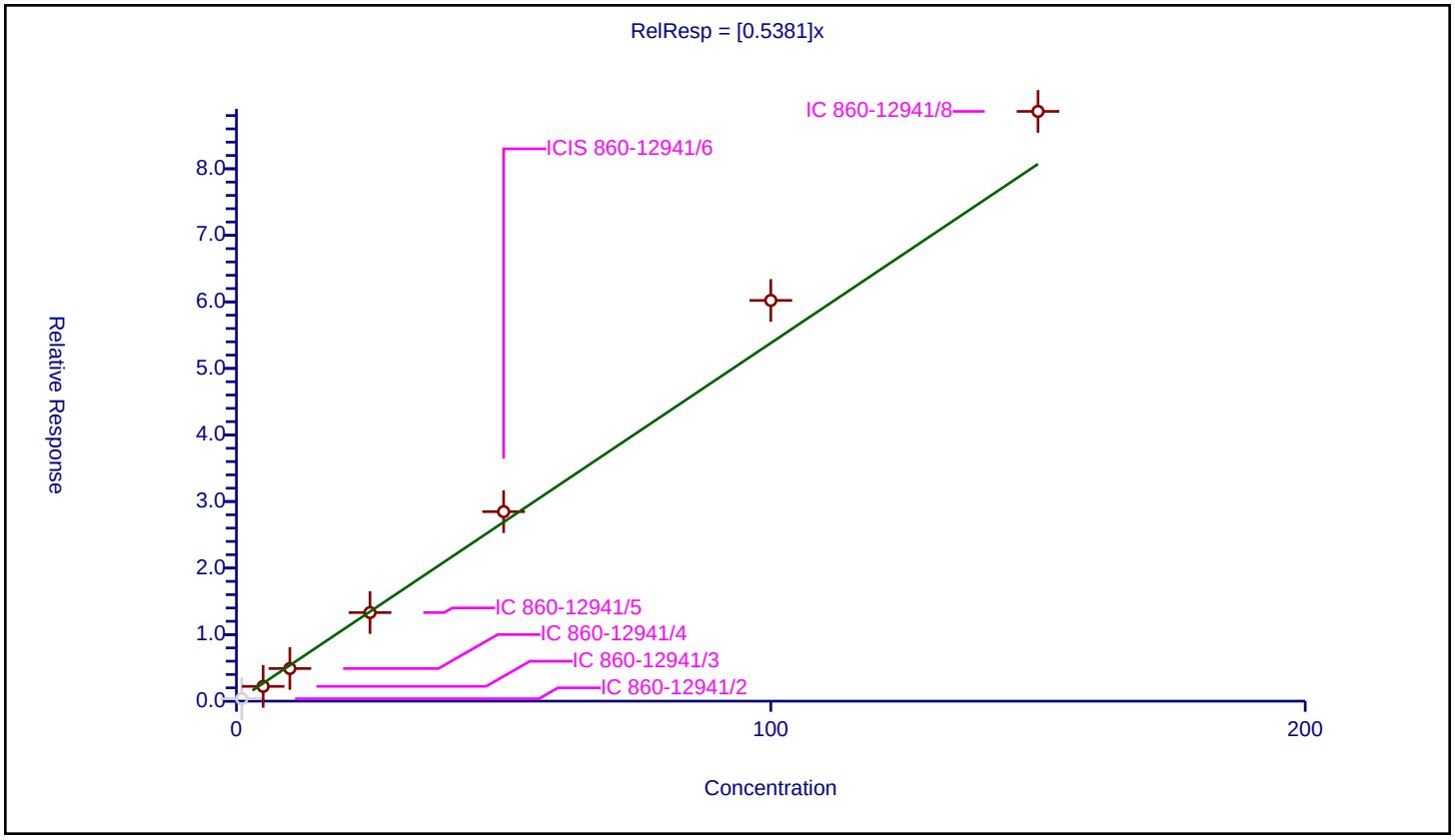
Curve Coefficients

Intercept:	0
Slope:	0.5381

Error Coefficients

Standard Error:	648000
Relative Standard Error:	11.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	0.363358	50.0	613582.0	0.363358	N
2	IC 860-12941/3	5.0	2.2192	50.0	594178.0	0.44384	Y
3	IC 860-12941/4	10.0	4.899735	50.0	610033.0	0.489973	Y
4	IC 860-12941/5	25.0	13.311007	50.0	621542.0	0.53244	Y
5	ICIS 860-12941/6	50.0	28.474861	50.0	638781.0	0.569497	Y
6	IC 860-12941/7	100.0	60.218875	50.0	639268.0	0.602189	Y
7	IC 860-12941/8	150.0	88.623041	50.0	654028.0	0.59082	Y



Calibration / Carbon disulfide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

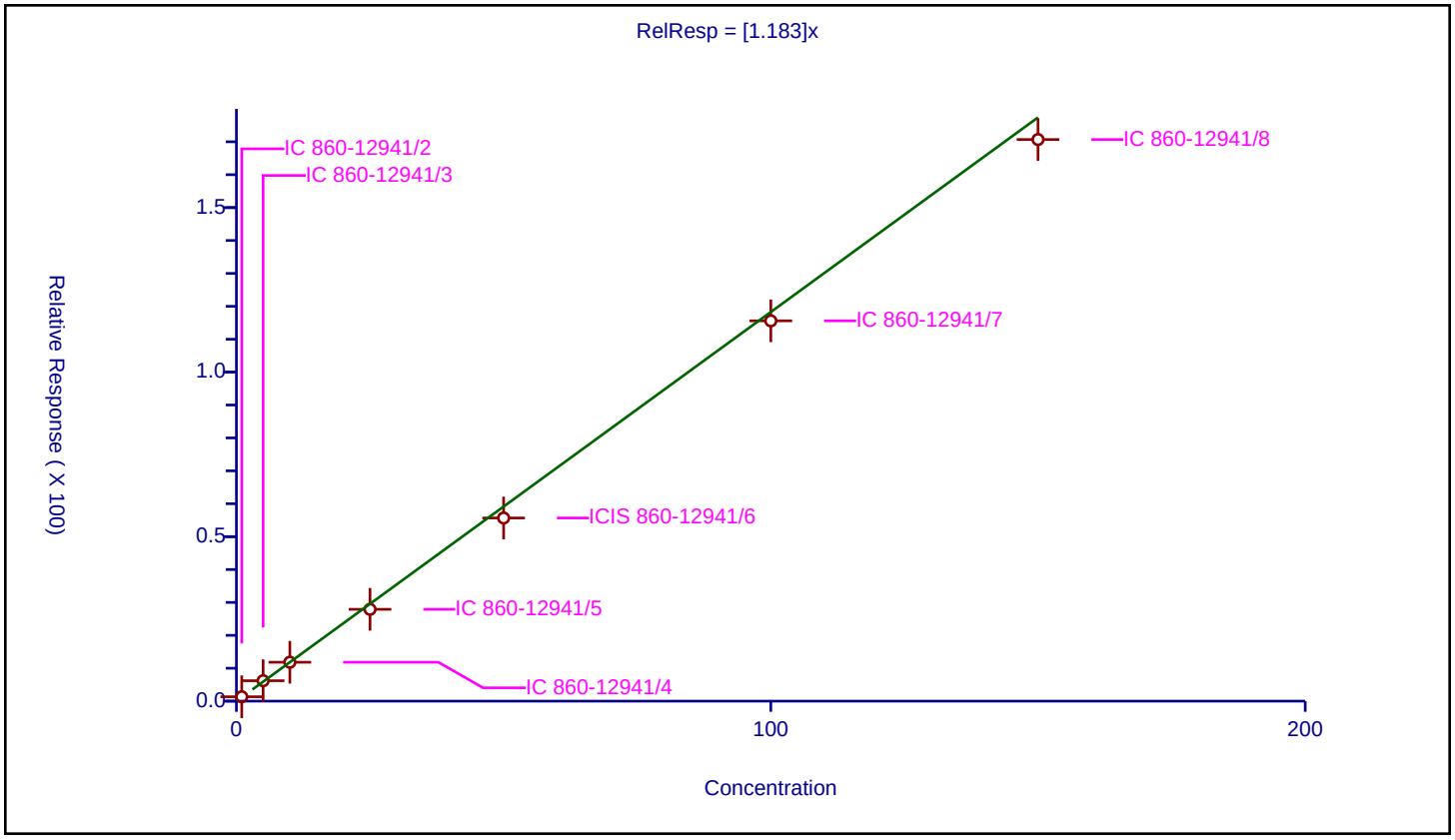
Curve Coefficients

Intercept:	0
Slope:	1.183

Error Coefficients

Standard Error:	1140000
Relative Standard Error:	6.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	1.332177	50.0	613582.0	1.332177	Y
2	IC 860-12941/3	5.0	6.204454	50.0	594178.0	1.240891	Y
3	IC 860-12941/4	10.0	11.822803	50.0	610033.0	1.18228	Y
4	IC 860-12941/5	25.0	27.907929	50.0	621542.0	1.116317	Y
5	ICIS 860-12941/6	50.0	55.666809	50.0	638781.0	1.113336	Y
6	IC 860-12941/7	100.0	115.58556	50.0	639268.0	1.155856	Y
7	IC 860-12941/8	150.0	170.683289	50.0	654028.0	1.137889	Y



Calibration / Acetonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

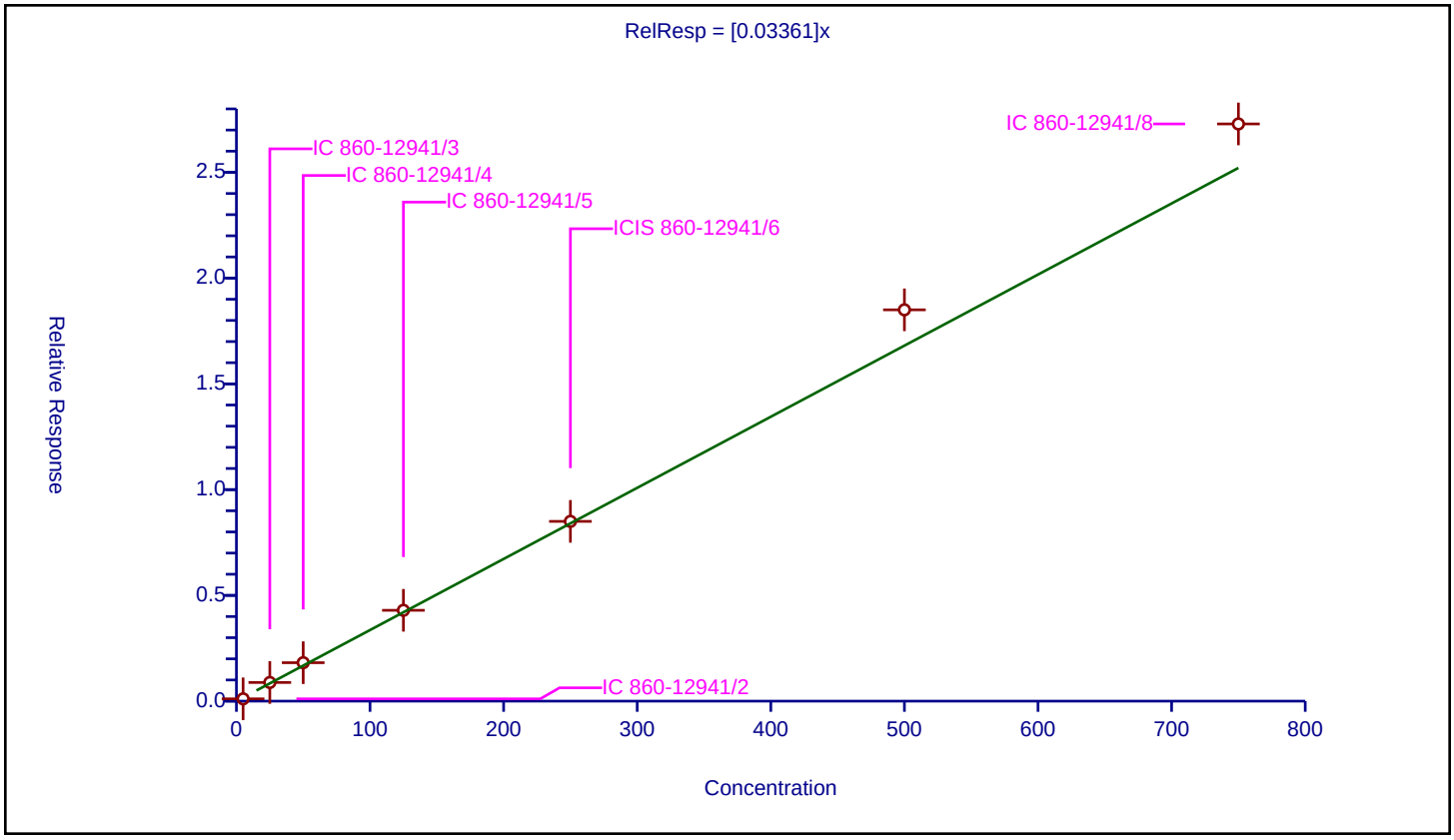
Curve Coefficients

Intercept:	0
Slope:	0.03361

Error Coefficients

Standard Error:	182000
Relative Standard Error:	15.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	5.0	0.109521	50.0	613582.0	0.021904	Y
2	IC 860-12941/3	25.0	0.882143	50.0	594178.0	0.035286	Y
3	IC 860-12941/4	50.0	1.818098	50.0	610033.0	0.036362	Y
4	IC 860-12941/5	125.0	4.294963	50.0	621542.0	0.03436	Y
5	ICIS 860-12941/6	250.0	8.498374	50.0	638781.0	0.033993	Y
6	IC 860-12941/7	500.0	18.501004	50.0	639268.0	0.037002	Y
7	IC 860-12941/8	750.0	27.288358	50.0	654028.0	0.036384	Y



Calibration / 3-Chloro-1-propene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

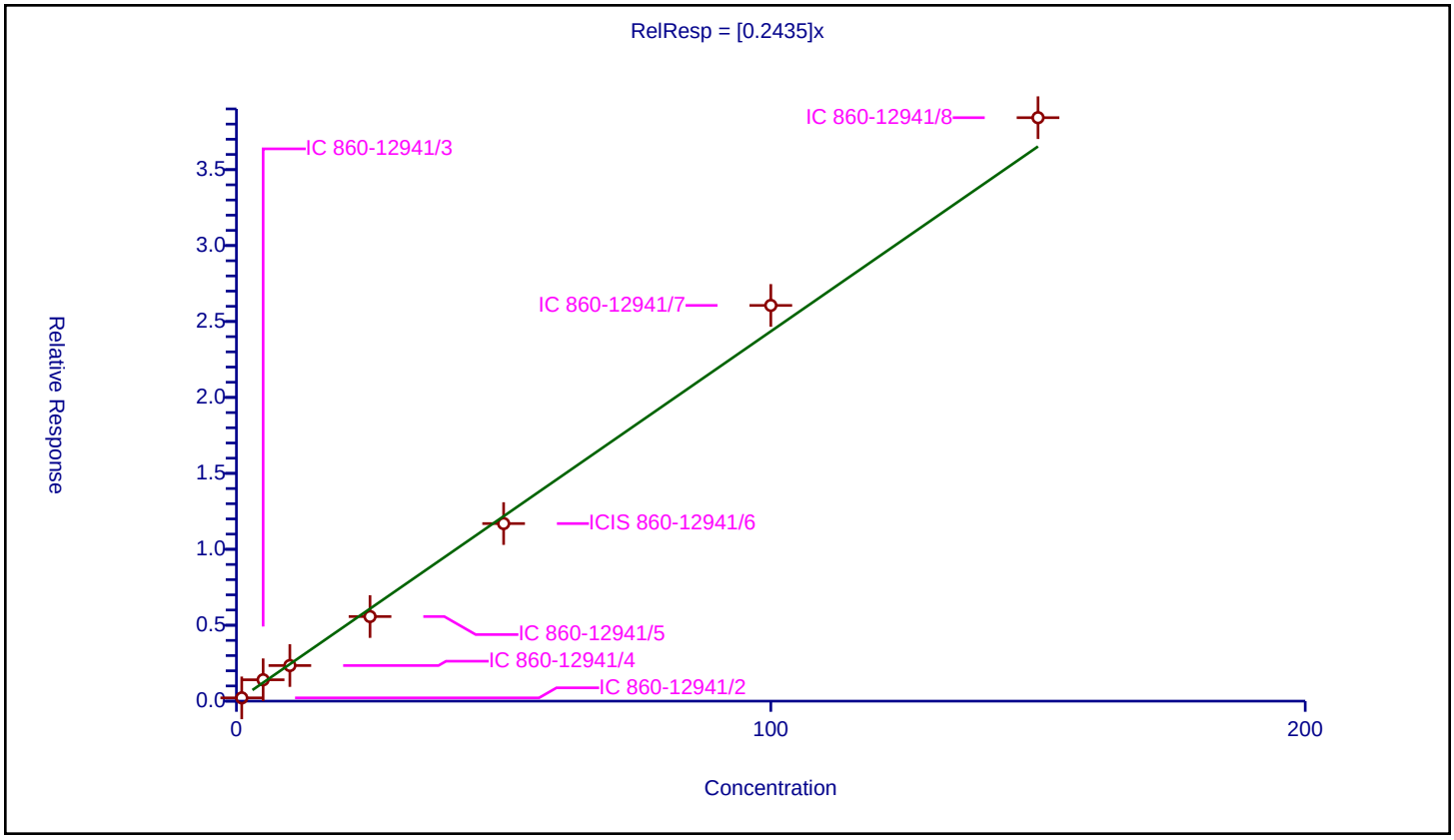
Curve Coefficients

Intercept:	0
Slope:	0.2435

Error Coefficients

Standard Error:	256000
Relative Standard Error:	9.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	0.215375	50.0	613582.0	0.215375	Y
2	IC 860-12941/3	5.0	1.406649	50.0	594178.0	0.28133	Y
3	IC 860-12941/4	10.0	2.344299	50.0	610033.0	0.23443	Y
4	IC 860-12941/5	25.0	5.571224	50.0	621542.0	0.222849	Y
5	ICIS 860-12941/6	50.0	11.693679	50.0	638781.0	0.233874	Y
6	IC 860-12941/7	100.0	26.058633	50.0	639268.0	0.260586	Y
7	IC 860-12941/8	150.0	38.420603	50.0	654028.0	0.256137	Y



Calibration / Methyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

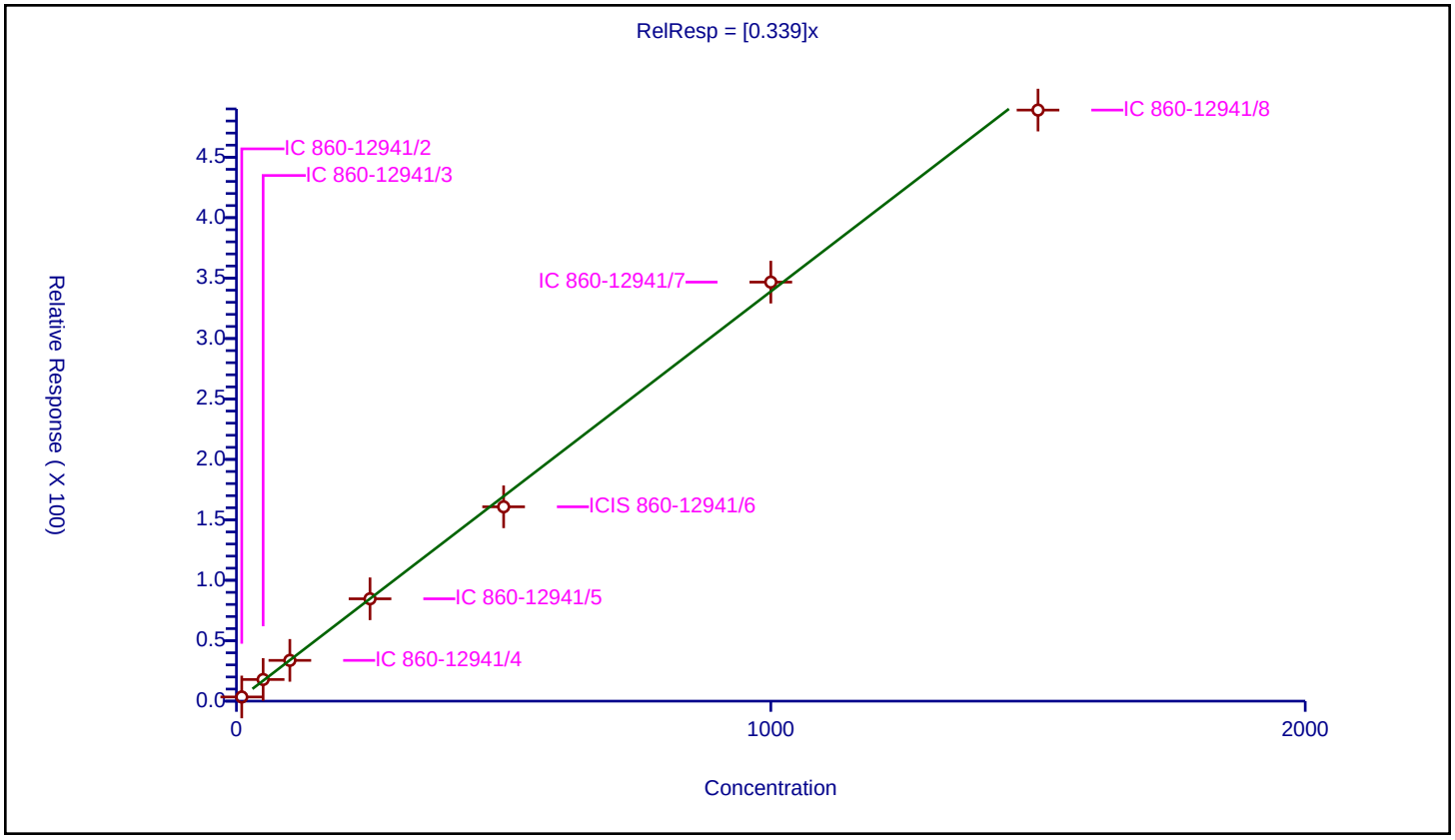
Curve Coefficients

Intercept:	0
Slope:	0.339

Error Coefficients

Standard Error:	3320000
Relative Standard Error:	3.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	10.0	3.446483	50.0	613582.0	0.344648	Y
2	IC 860-12941/3	50.0	17.895984	50.0	594178.0	0.35792	Y
3	IC 860-12941/4	100.0	33.717356	50.0	610033.0	0.337174	Y
4	IC 860-12941/5	250.0	84.668212	50.0	621542.0	0.338673	Y
5	ICIS 860-12941/6	500.0	160.788752	50.0	638781.0	0.321578	Y
6	IC 860-12941/7	1000.0	346.672601	50.0	639268.0	0.346673	Y
7	IC 860-12941/8	1500.0	489.027152	50.0	654028.0	0.326018	Y



Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

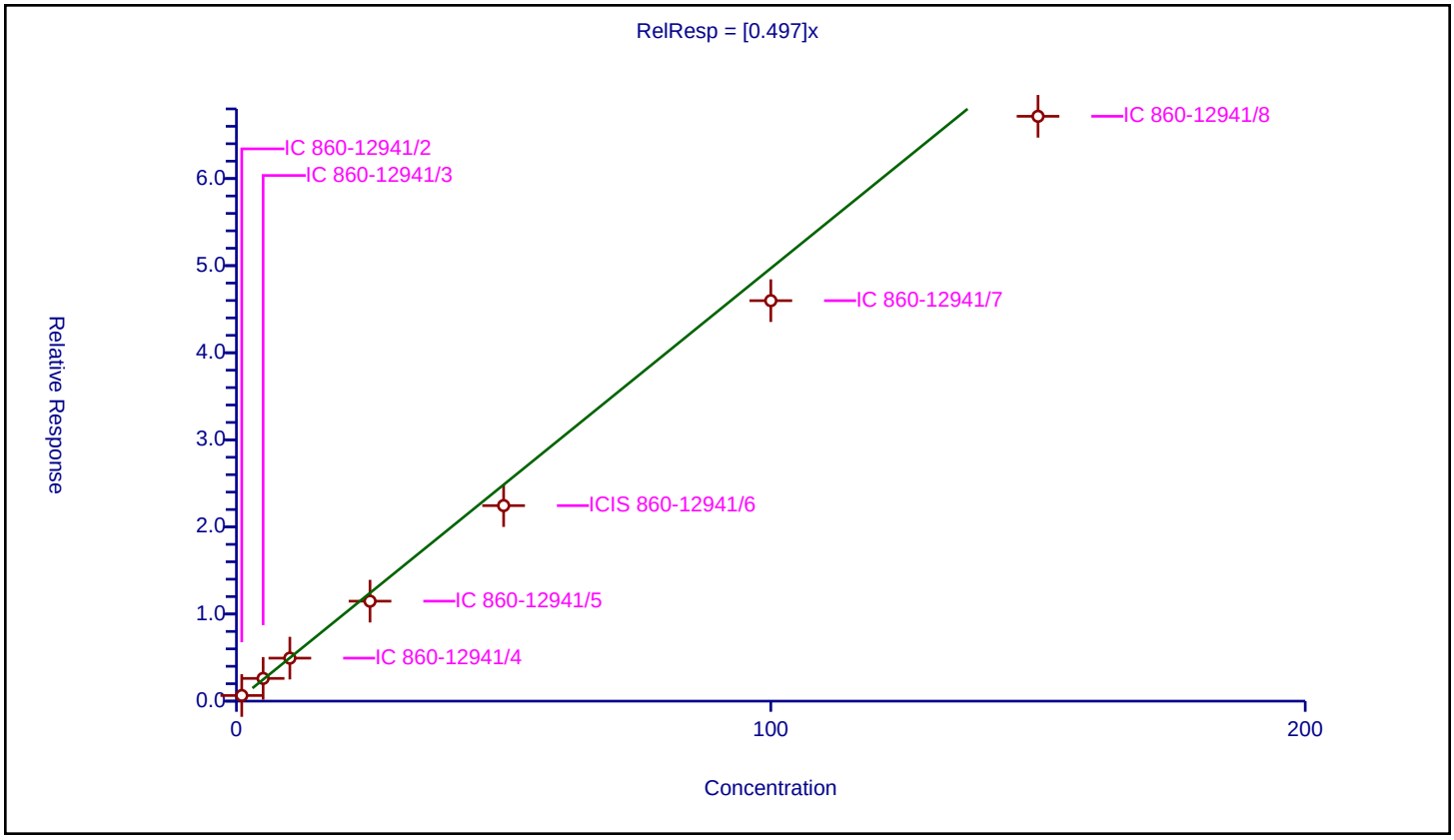
Curve Coefficients

Intercept:	0
Slope:	0.497

Error Coefficients

Standard Error:	452000
Relative Standard Error:	14.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.972

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	0.647591	50.0	613582.0	0.647591	Y
2	IC 860-12941/3	5.0	2.610413	50.0	594178.0	0.522083	Y
3	IC 860-12941/4	10.0	4.936454	50.0	610033.0	0.493645	Y
4	IC 860-12941/5	25.0	11.476859	50.0	621542.0	0.459074	Y
5	ICIS 860-12941/6	50.0	22.451357	50.0	638781.0	0.449027	Y
6	IC 860-12941/7	100.0	45.981341	50.0	639268.0	0.459813	Y
7	IC 860-12941/8	150.0	67.149495	50.0	654028.0	0.447663	Y



Calibration / 2-Methyl-2-propanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

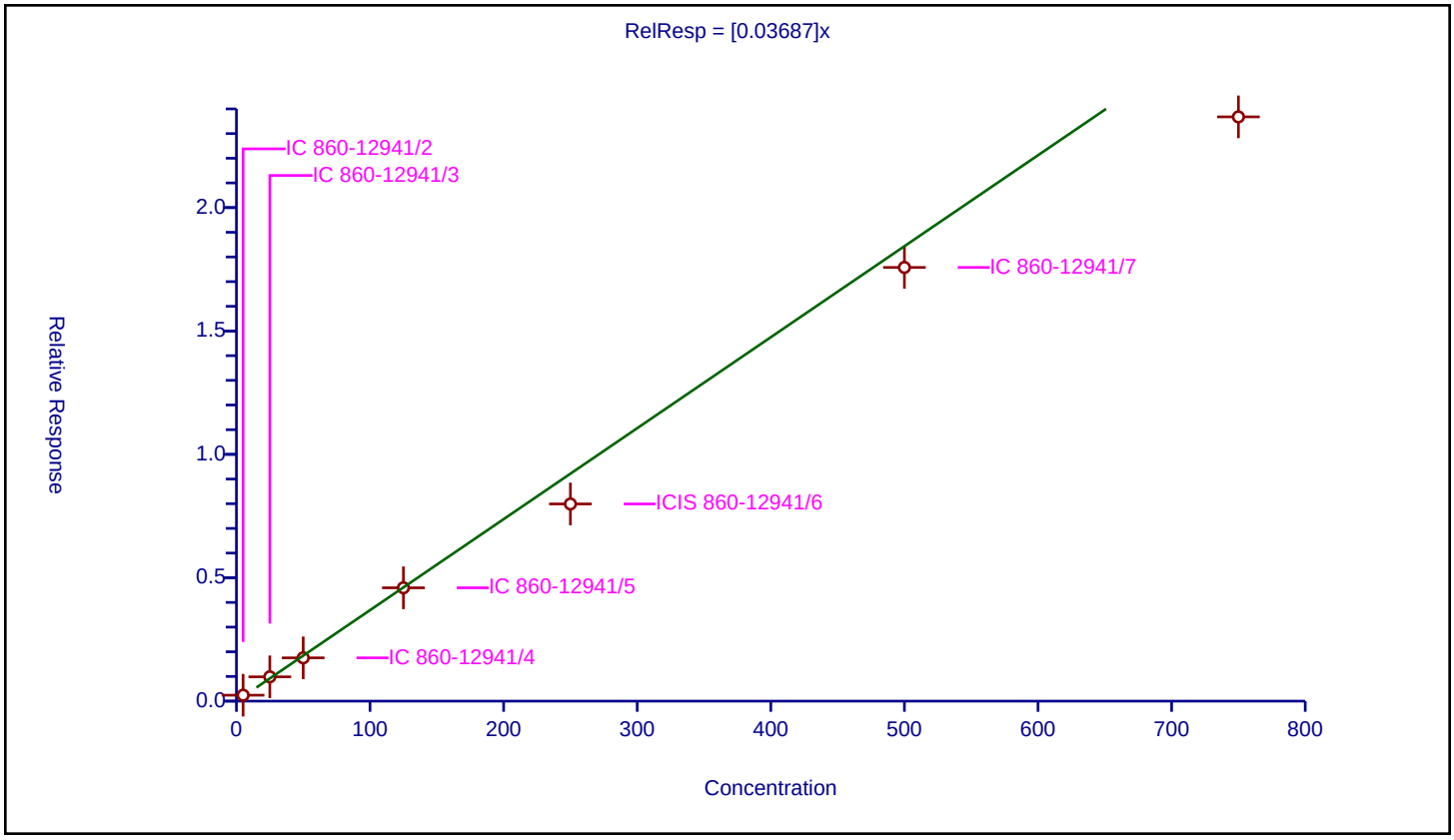
Curve Coefficients

Intercept:	0
Slope:	0.03687

Error Coefficients

Standard Error:	164000
Relative Standard Error:	15.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.968

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	5.0	0.240962	50.0	613582.0	0.048192	Y
2	IC 860-12941/3	25.0	0.984722	50.0	594178.0	0.039389	Y
3	IC 860-12941/4	50.0	1.753922	50.0	610033.0	0.035078	Y
4	IC 860-12941/5	125.0	4.593012	50.0	621542.0	0.036744	Y
5	ICIS 860-12941/6	250.0	7.99061	50.0	638781.0	0.031962	Y
6	IC 860-12941/7	500.0	17.574867	50.0	639268.0	0.03515	Y
7	IC 860-12941/8	750.0	23.676739	50.0	654028.0	0.031569	Y



Calibration / Acrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

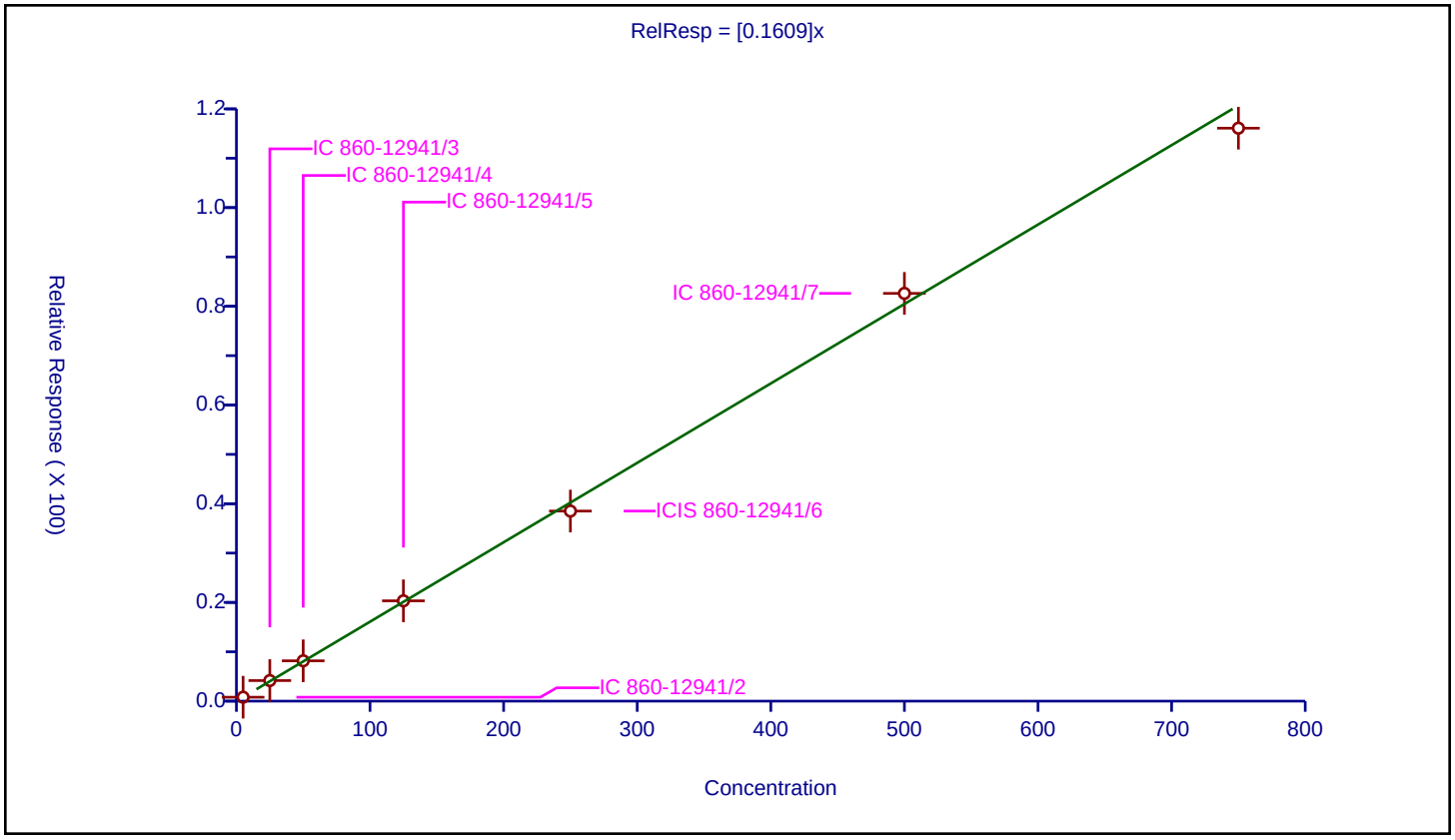
Curve Coefficients

Intercept:	0
Slope:	0.1609

Error Coefficients

Standard Error:	789000
Relative Standard Error:	3.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	5.0	0.797611	50.0	613582.0	0.159522	Y
2	IC 860-12941/3	25.0	4.170131	50.0	594178.0	0.166805	Y
3	IC 860-12941/4	50.0	8.173656	50.0	610033.0	0.163473	Y
4	IC 860-12941/5	125.0	20.325416	50.0	621542.0	0.162603	Y
5	ICIS 860-12941/6	250.0	38.513512	50.0	638781.0	0.154054	Y
6	IC 860-12941/7	500.0	82.619183	50.0	639268.0	0.165238	Y
7	IC 860-12941/8	750.0	116.094877	50.0	654028.0	0.154793	Y



Calibration / trans-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

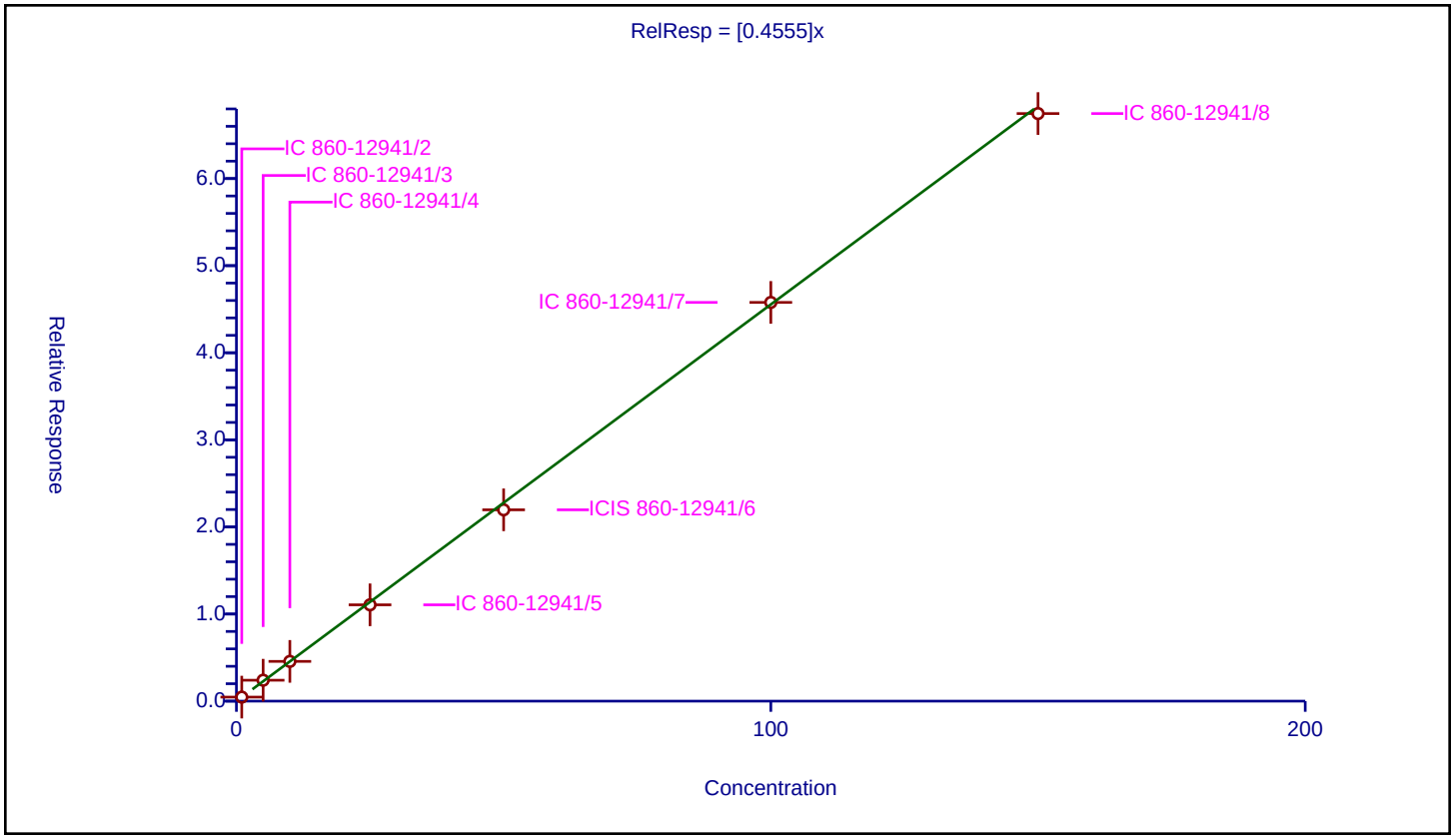
Curve Coefficients

Intercept:	0
Slope:	0.4555

Error Coefficients

Standard Error:	451000
Relative Standard Error:	3.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	0.462448	50.0	613582.0	0.462448	Y
2	IC 860-12941/3	5.0	2.401637	50.0	594178.0	0.480327	Y
3	IC 860-12941/4	10.0	4.563196	50.0	610033.0	0.45632	Y
4	IC 860-12941/5	25.0	11.059591	50.0	621542.0	0.442384	Y
5	ICIS 860-12941/6	50.0	21.967779	50.0	638781.0	0.439356	Y
6	IC 860-12941/7	100.0	45.779861	50.0	639268.0	0.457799	Y
7	IC 860-12941/8	150.0	67.463931	50.0	654028.0	0.44976	Y



Calibration / Methyl tert-butyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

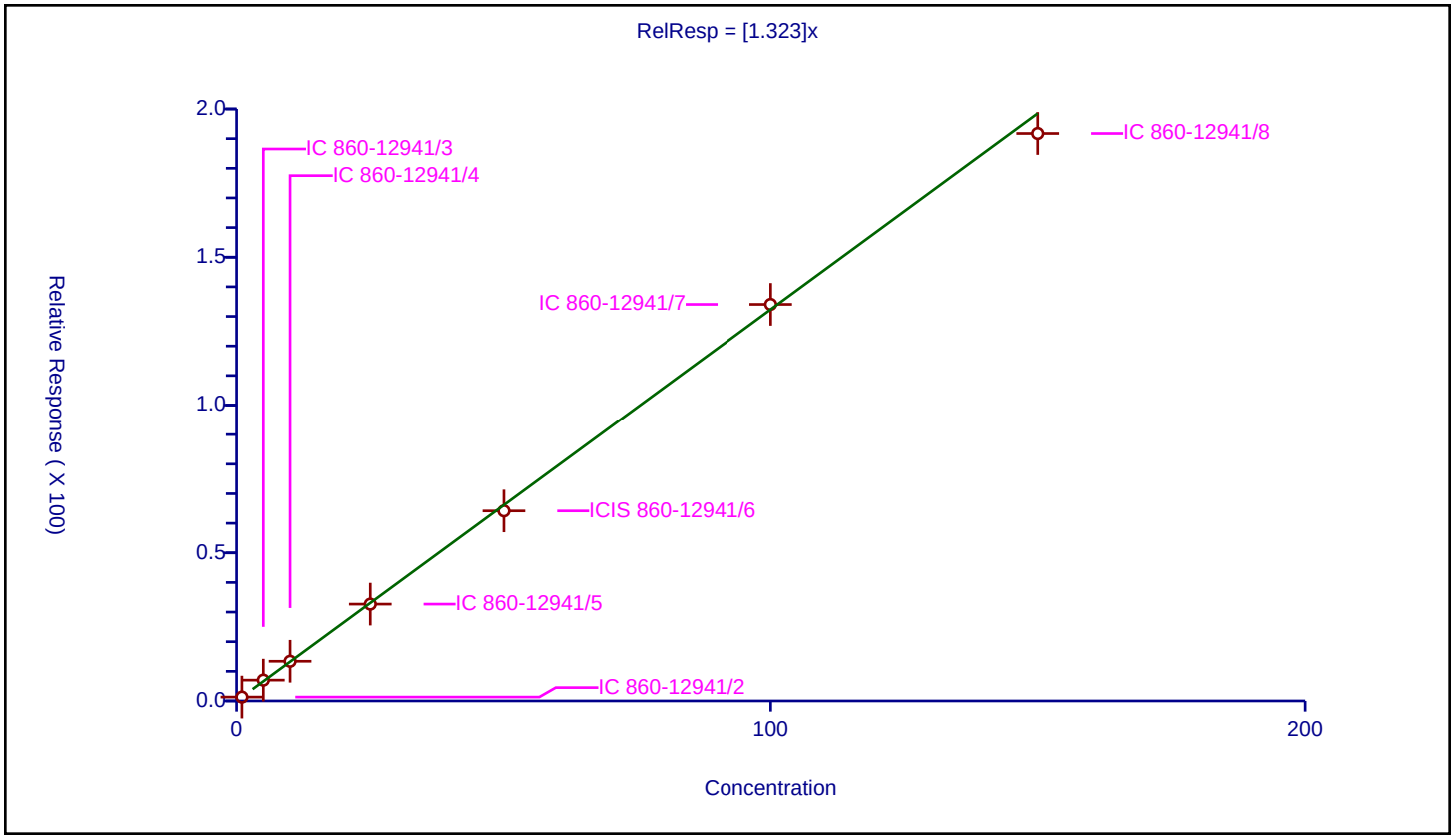
Curve Coefficients

Intercept:	0
Slope:	1.323

Error Coefficients

Standard Error:	1300000
Relative Standard Error:	3.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	1.308627	50.0	613582.0	1.308627	Y
2	IC 860-12941/3	5.0	7.028029	50.0	594178.0	1.405606	Y
3	IC 860-12941/4	10.0	13.39321	50.0	610033.0	1.339321	Y
4	IC 860-12941/5	25.0	32.686608	50.0	621542.0	1.307464	Y
5	ICIS 860-12941/6	50.0	64.177316	50.0	638781.0	1.283546	Y
6	IC 860-12941/7	100.0	134.054184	50.0	639268.0	1.340542	Y
7	IC 860-12941/8	150.0	191.732693	50.0	654028.0	1.278218	Y



Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

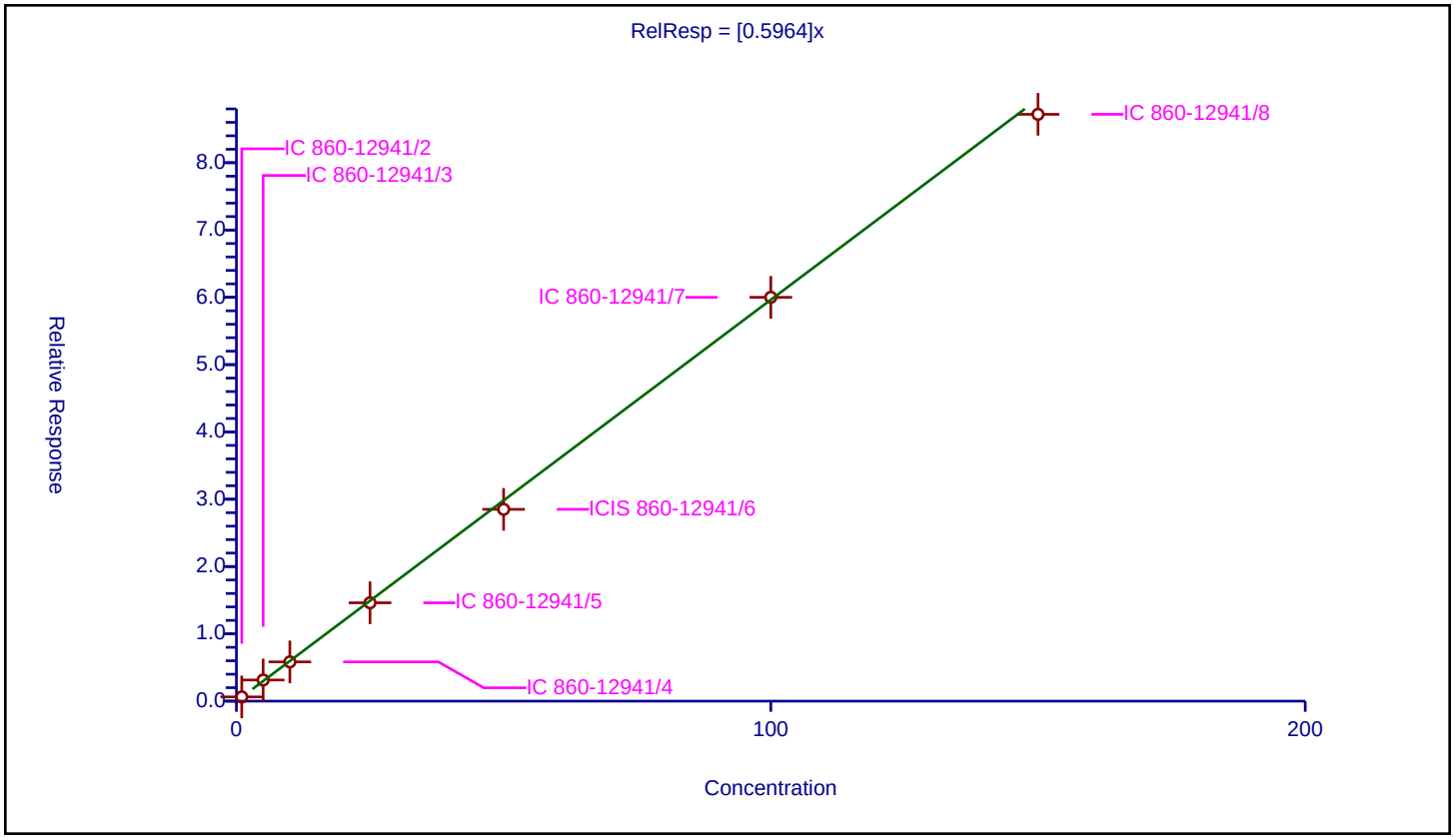
Curve Coefficients

Intercept:	0
Slope:	0.5964

Error Coefficients

Standard Error:	586000
Relative Standard Error:	3.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	0.627952	50.0	613582.0	0.627952	Y
2	IC 860-12941/3	5.0	3.139884	50.0	594178.0	0.627977	Y
3	IC 860-12941/4	10.0	5.832307	50.0	610033.0	0.583231	Y
4	IC 860-12941/5	25.0	14.61277	50.0	621542.0	0.584511	Y
5	ICIS 860-12941/6	50.0	28.499517	50.0	638781.0	0.56999	Y
6	IC 860-12941/7	100.0	60.005272	50.0	639268.0	0.600053	Y
7	IC 860-12941/8	150.0	87.191221	50.0	654028.0	0.581275	Y



Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

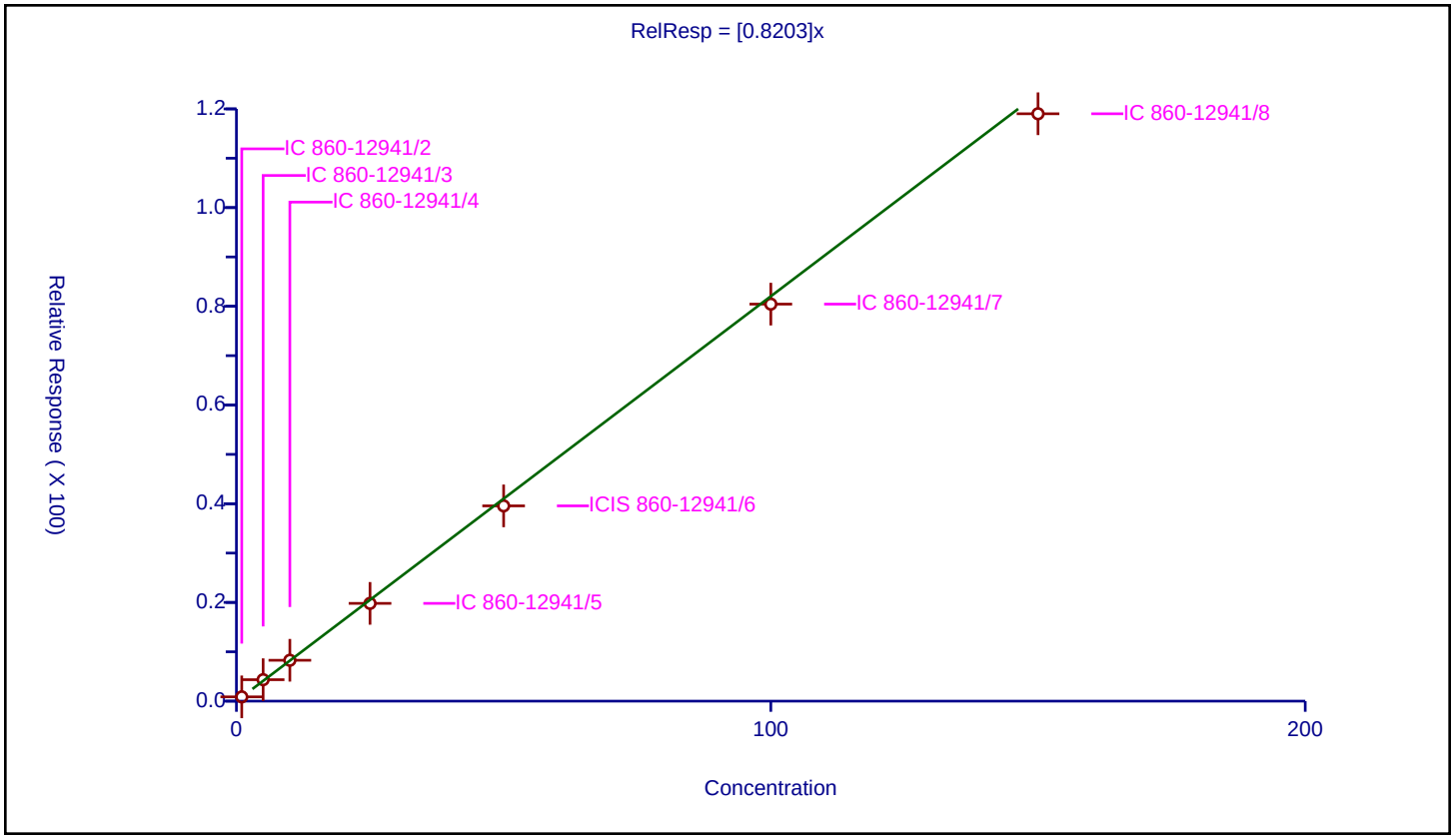
Curve Coefficients

Intercept:	0
Slope:	0.8203

Error Coefficients

Standard Error:	797000
Relative Standard Error:	4.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	0.863454	50.0	613582.0	0.863454	Y
2	IC 860-12941/3	5.0	4.344405	50.0	594178.0	0.868881	Y
3	IC 860-12941/4	10.0	8.281683	50.0	610033.0	0.828168	Y
4	IC 860-12941/5	25.0	19.80727	50.0	621542.0	0.792291	Y
5	ICIS 860-12941/6	50.0	39.563325	50.0	638781.0	0.791266	Y
6	IC 860-12941/7	100.0	80.444508	50.0	639268.0	0.804445	Y
7	IC 860-12941/8	150.0	119.015088	50.0	654028.0	0.793434	Y



Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

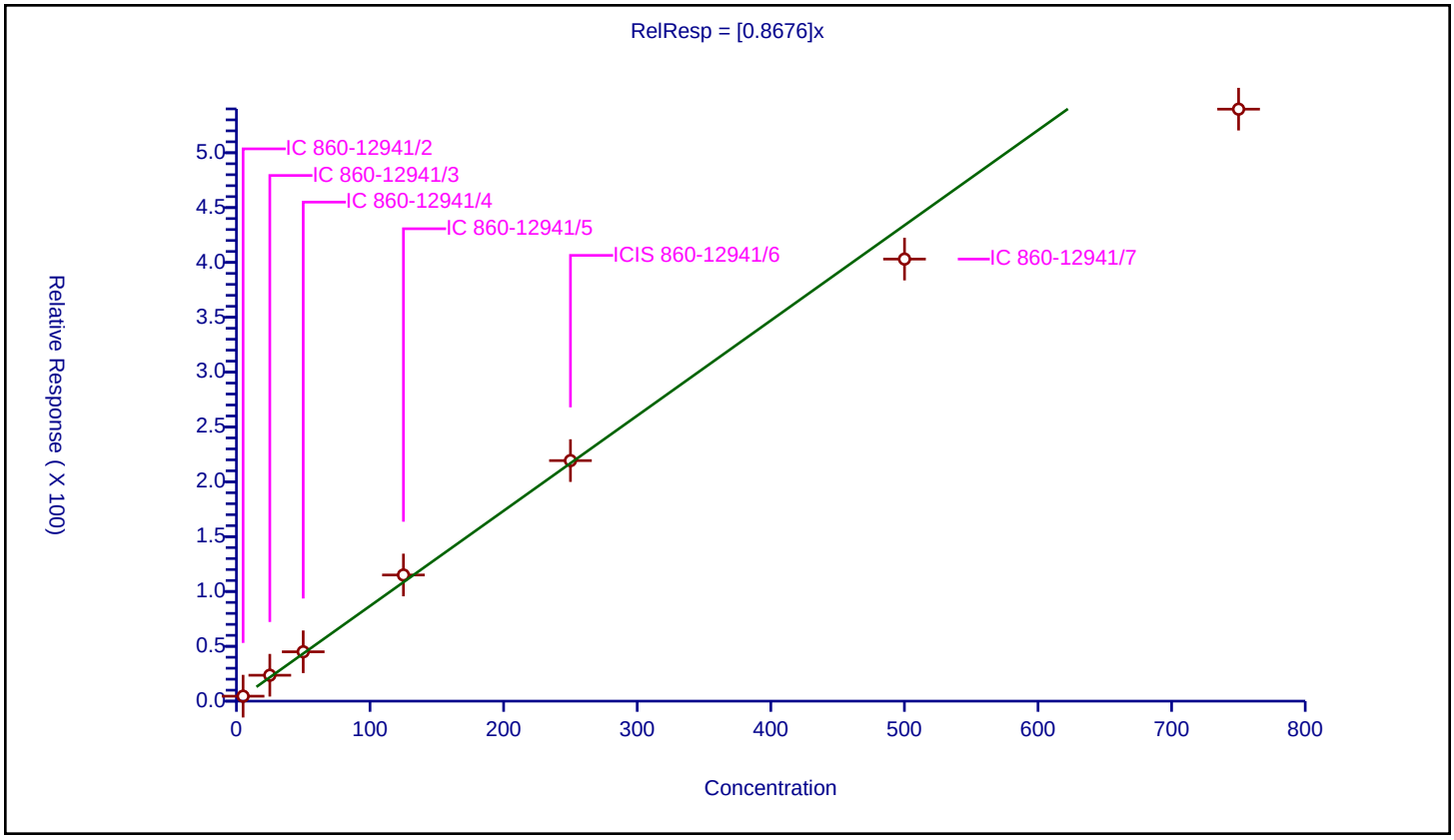
Curve Coefficients

Intercept:	0
Slope:	0.8676

Error Coefficients

Standard Error:	3800000
Relative Standard Error:	9.1
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	5.00088	4.531994	50.0	613582.0	0.906239	Y
2	IC 860-12941/3	25.0044	23.61666	50.0	594178.0	0.9445	Y
3	IC 860-12941/4	50.0088	45.008467	50.0	610033.0	0.900011	Y
4	IC 860-12941/5	125.022	115.023281	50.0	621542.0	0.920024	Y
5	ICIS 860-12941/6	250.044	219.317106	50.0	638781.0	0.877114	Y
6	IC 860-12941/7	500.088	403.049816	50.0	639268.0	0.805958	Y
7	IC 860-12941/8	750.132	539.74524	50.0	654028.0	0.719534	Y



Calibration / Isopropyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

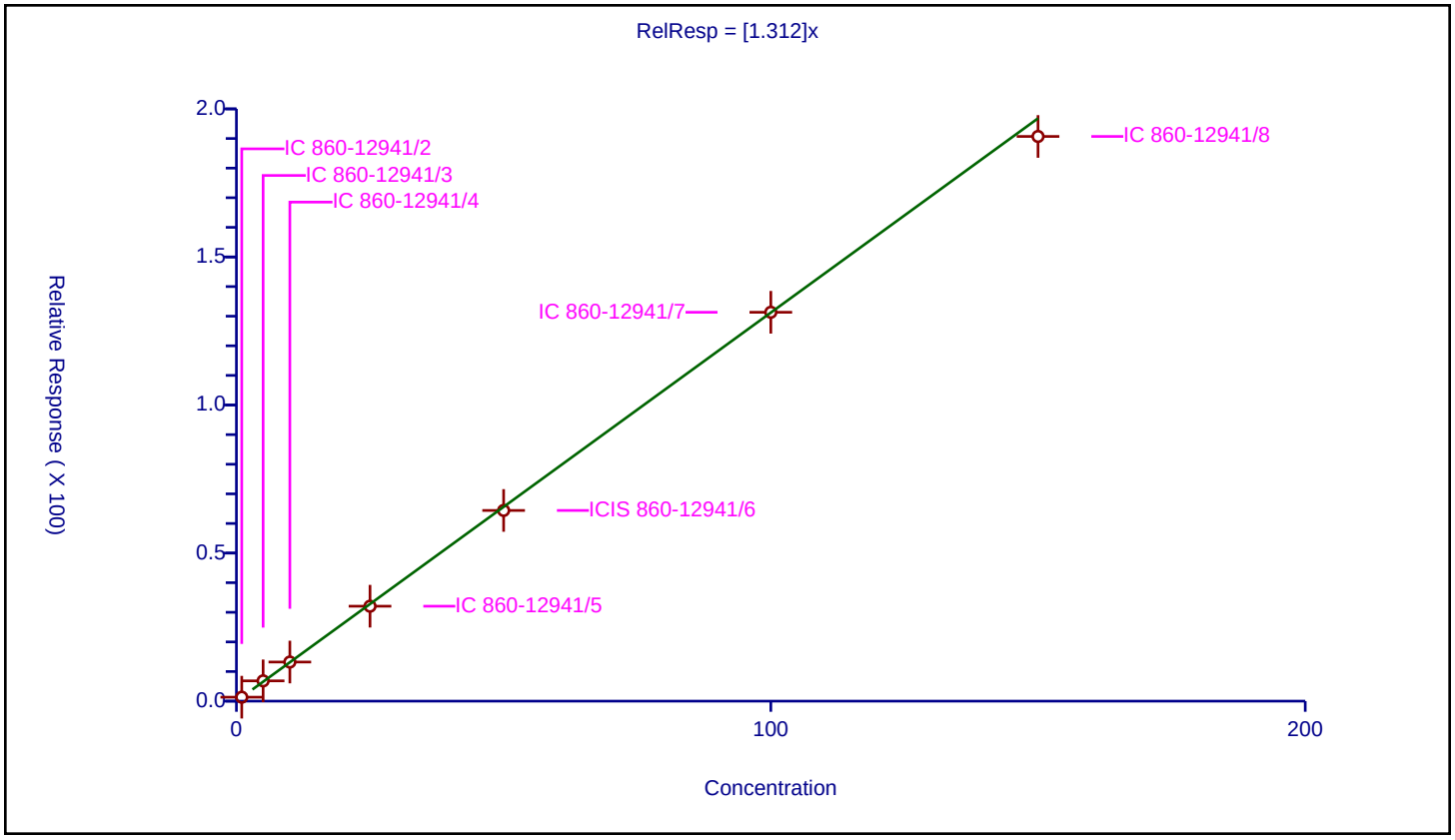
Curve Coefficients

Intercept:	0
Slope:	1.312

Error Coefficients

Standard Error:	1280000
Relative Standard Error:	2.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	1.338941	50.0	613582.0	1.338941	Y
2	IC 860-12941/3	5.0	6.849378	50.0	594178.0	1.369876	Y
3	IC 860-12941/4	10.0	13.204204	50.0	610033.0	1.32042	Y
4	IC 860-12941/5	25.0	32.063722	50.0	621542.0	1.282549	Y
5	ICIS 860-12941/6	50.0	64.394213	50.0	638781.0	1.287884	Y
6	IC 860-12941/7	100.0	131.318164	50.0	639268.0	1.313182	Y
7	IC 860-12941/8	150.0	190.686637	50.0	654028.0	1.271244	Y



Calibration / 2-Chloro-1,3-butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

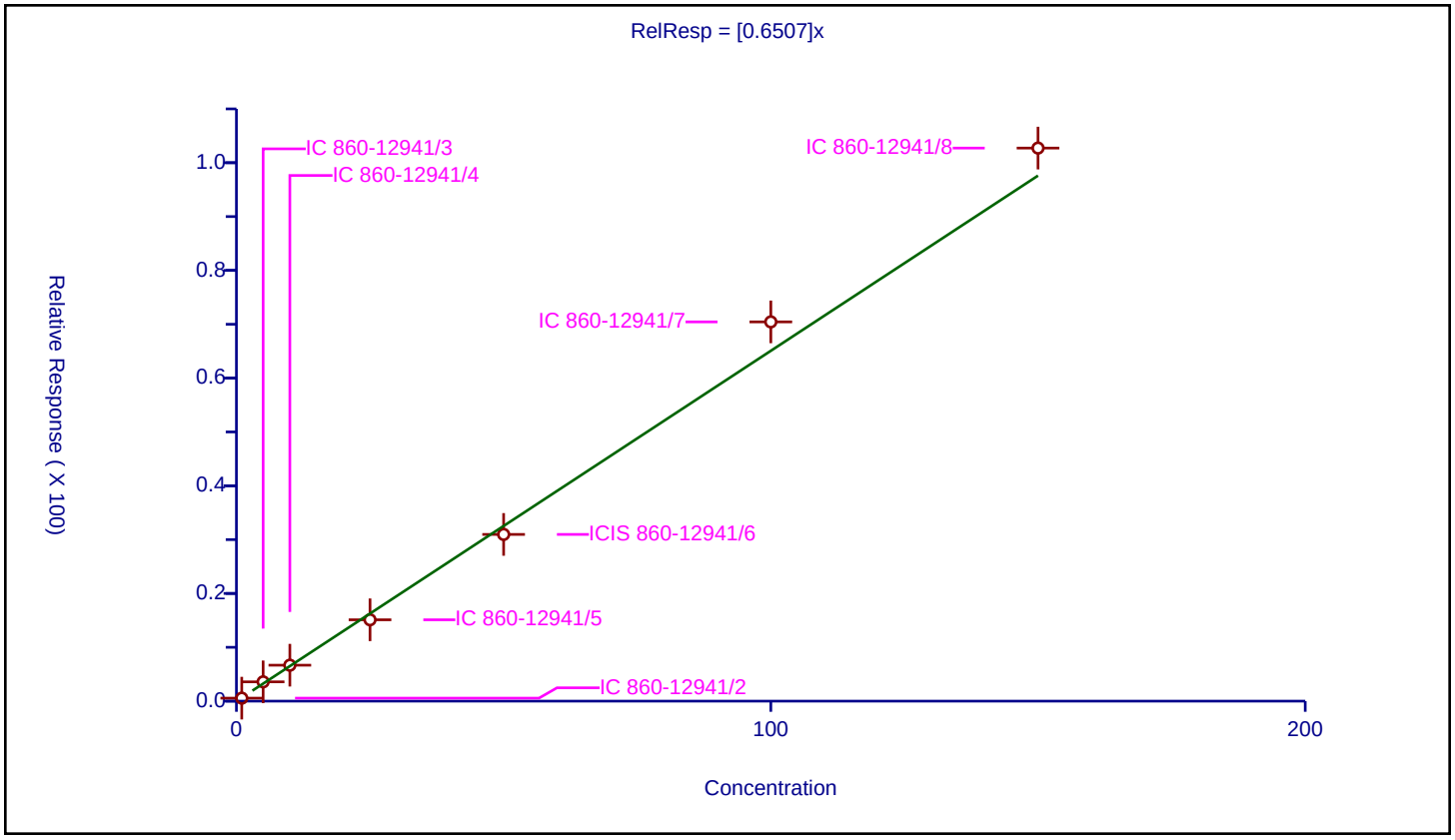
Curve Coefficients

Intercept:	0
Slope:	0.6507

Error Coefficients

Standard Error:	685000
Relative Standard Error:	9.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	0.557627	50.0	613582.0	0.557627	Y
2	IC 860-12941/3	5.0	3.583775	50.0	594178.0	0.716755	Y
3	IC 860-12941/4	10.0	6.673328	50.0	610033.0	0.667333	Y
4	IC 860-12941/5	25.0	15.11177	50.0	621542.0	0.604471	Y
5	ICIS 860-12941/6	50.0	30.96656	50.0	638781.0	0.619331	Y
6	IC 860-12941/7	100.0	70.439706	50.0	639268.0	0.704397	Y
7	IC 860-12941/8	150.0	102.72152	50.0	654028.0	0.68481	Y



Calibration / Tert-butyl ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

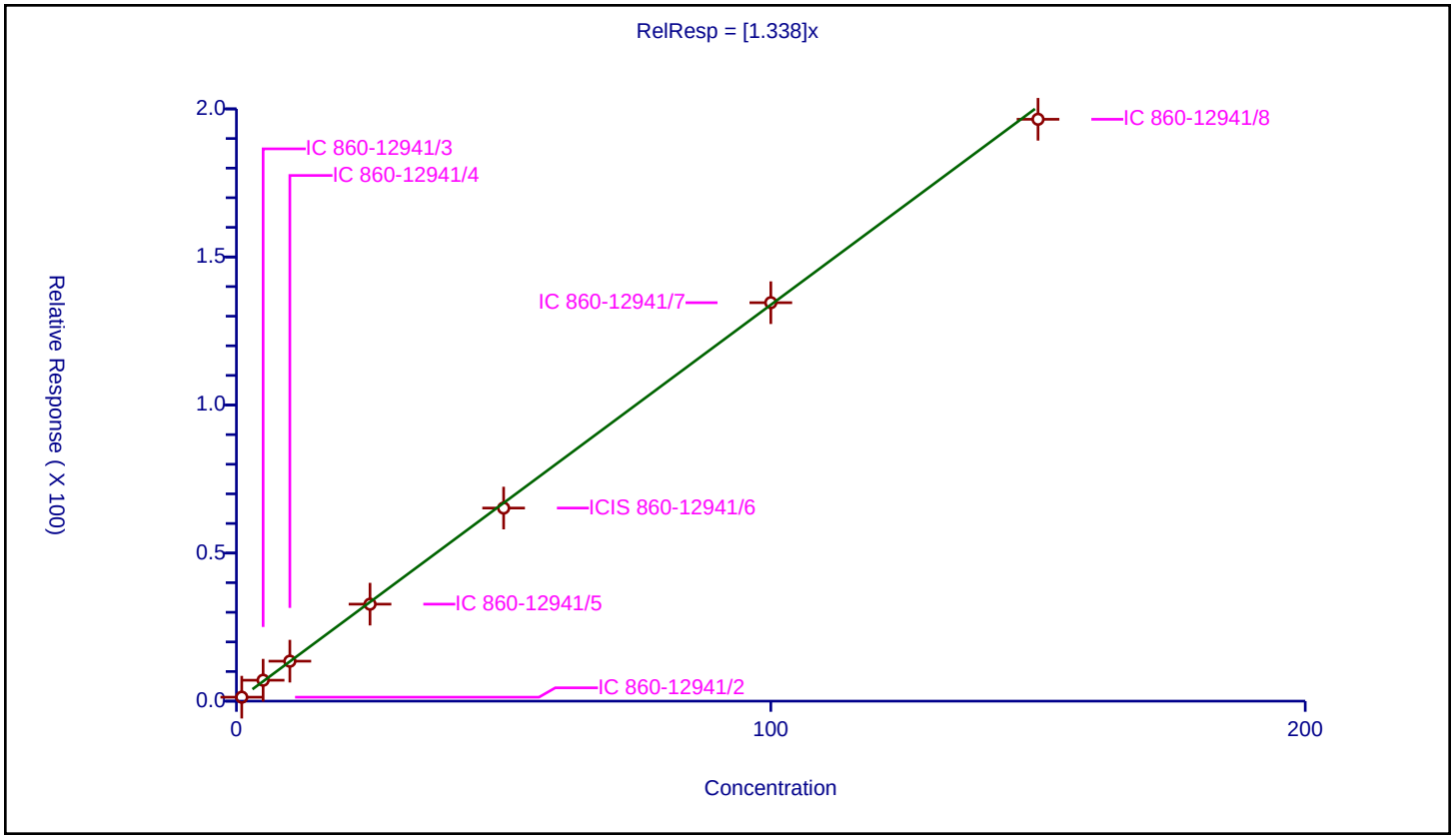
Curve Coefficients

Intercept:	0
Slope:	1.338

Error Coefficients

Standard Error:	1320000
Relative Standard Error:	2.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	1.336089	50.0	613582.0	1.336089	Y
2	IC 860-12941/3	5.0	7.067916	50.0	594178.0	1.413583	Y
3	IC 860-12941/4	10.0	13.494188	50.0	610033.0	1.349419	Y
4	IC 860-12941/5	25.0	32.747908	50.0	621542.0	1.309916	Y
5	ICIS 860-12941/6	50.0	65.207716	50.0	638781.0	1.304154	Y
6	IC 860-12941/7	100.0	134.56117	50.0	639268.0	1.345612	Y
7	IC 860-12941/8	150.0	196.490899	50.0	654028.0	1.309939	Y



Calibration / 2,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

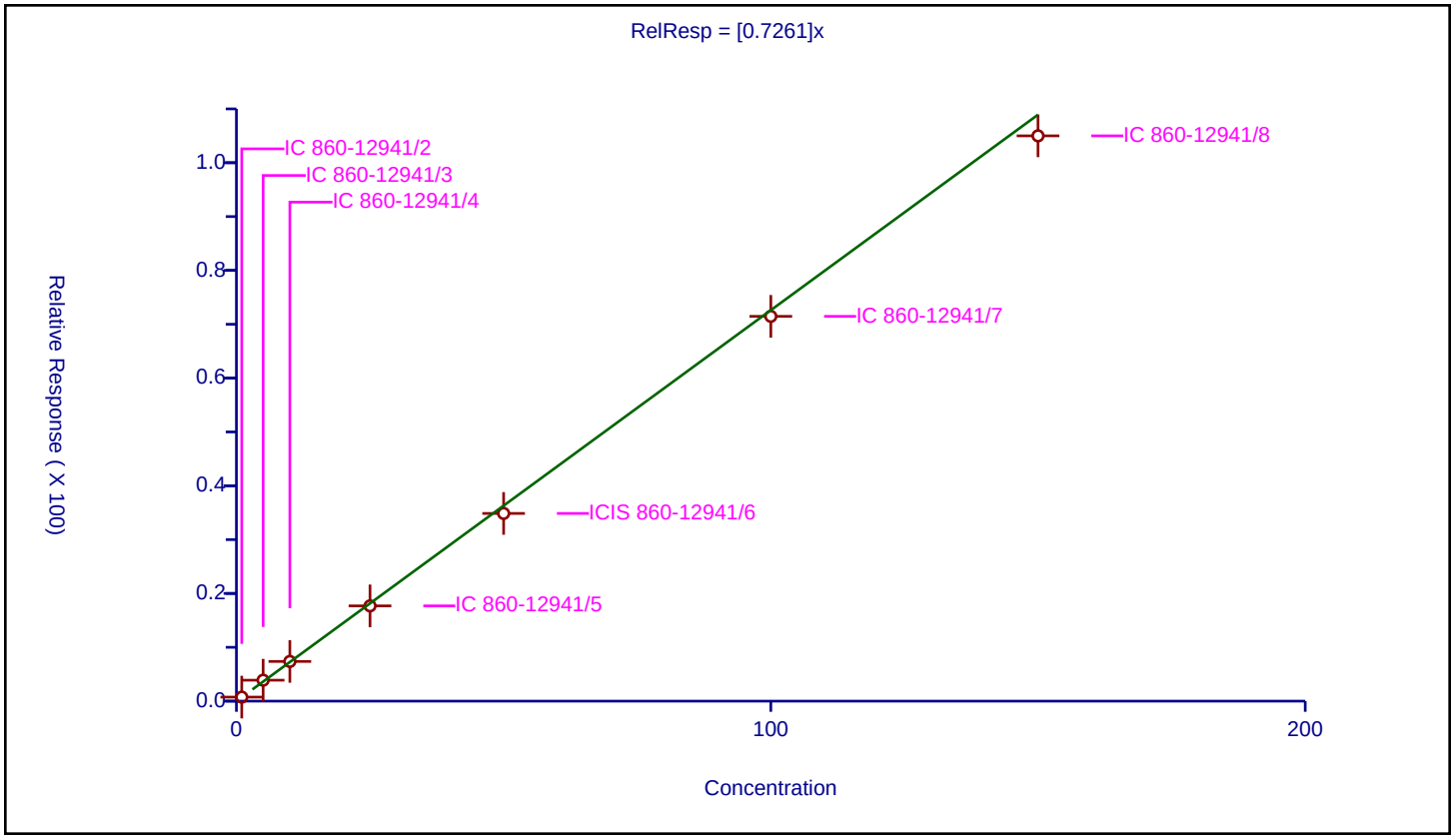
Curve Coefficients

Intercept:	0
Slope:	0.7261

Error Coefficients

Standard Error:	704000
Relative Standard Error:	4.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	0.747903	50.0	613582.0	0.747903	Y
2	IC 860-12941/3	5.0	3.891342	50.0	594178.0	0.778268	Y
3	IC 860-12941/4	10.0	7.371978	50.0	610033.0	0.737198	Y
4	IC 860-12941/5	25.0	17.692368	50.0	621542.0	0.707695	Y
5	ICIS 860-12941/6	50.0	34.863044	50.0	638781.0	0.697261	Y
6	IC 860-12941/7	100.0	71.467757	50.0	639268.0	0.714678	Y
7	IC 860-12941/8	150.0	104.992753	50.0	654028.0	0.699952	Y



Calibration / cis-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

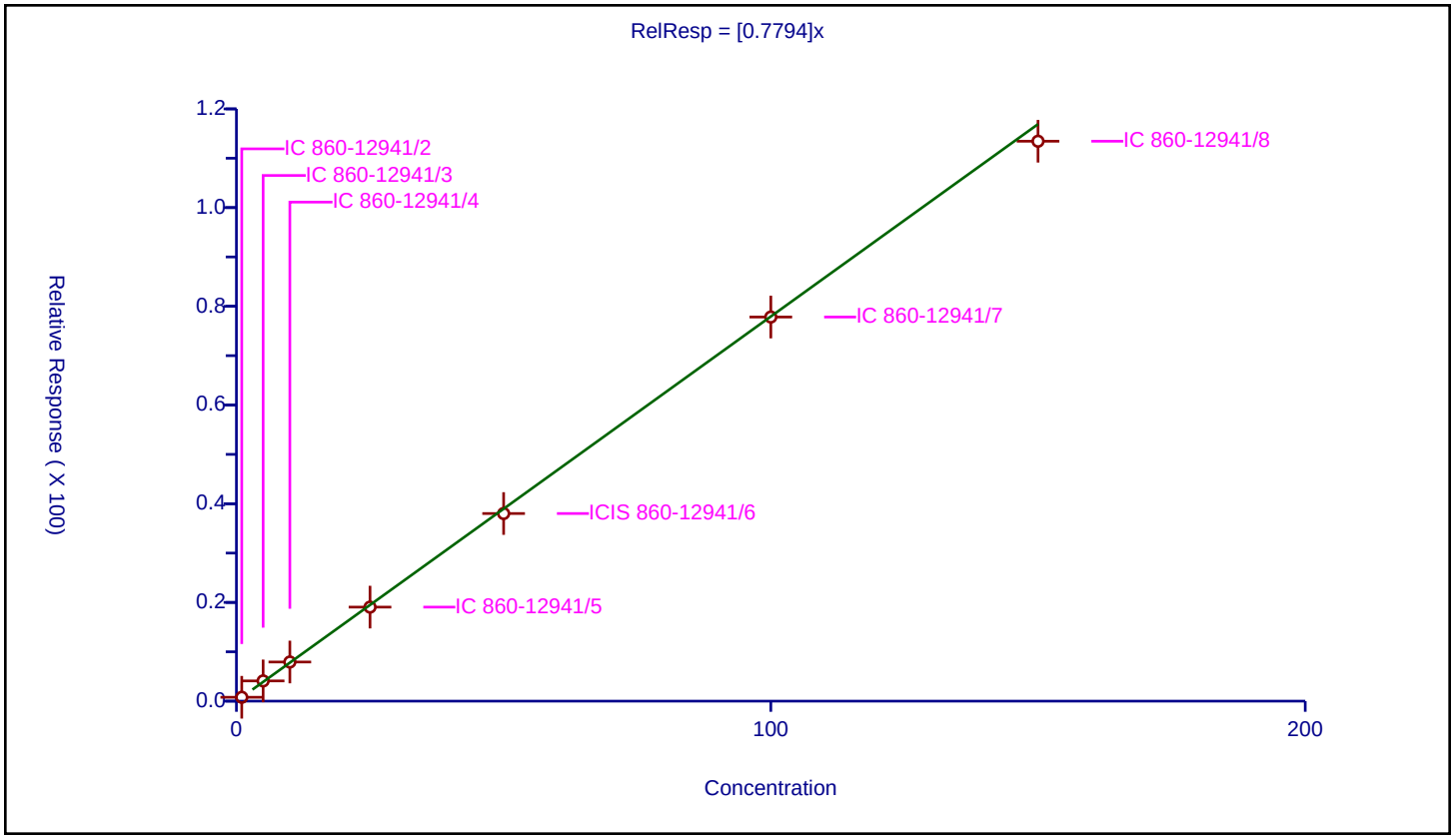
Curve Coefficients

Intercept:	0
Slope:	0.7794

Error Coefficients

Standard Error:	763000
Relative Standard Error:	2.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	0.785062	50.0	613582.0	0.785062	Y
2	IC 860-12941/3	5.0	4.101296	50.0	594178.0	0.820259	Y
3	IC 860-12941/4	10.0	7.931948	50.0	610033.0	0.793195	Y
4	IC 860-12941/5	25.0	19.05181	50.0	621542.0	0.762072	Y
5	ICIS 860-12941/6	50.0	38.015141	50.0	638781.0	0.760303	Y
6	IC 860-12941/7	100.0	77.826905	50.0	639268.0	0.778269	Y
7	IC 860-12941/8	150.0	113.448277	50.0	654028.0	0.756322	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

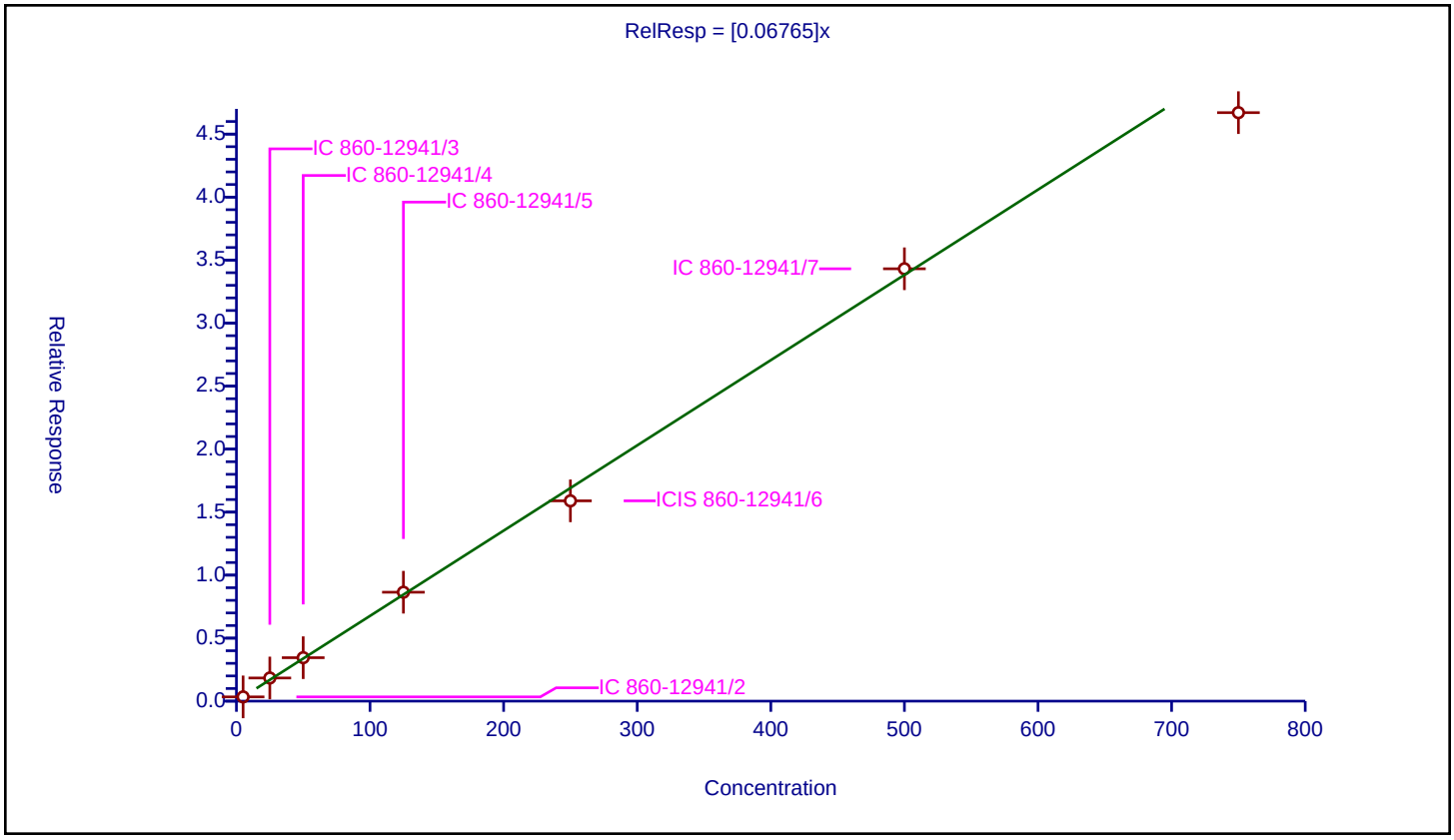
Curve Coefficients

Intercept:	0
Slope:	0.06765

Error Coefficients

Standard Error:	322000
Relative Standard Error:	5.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	5.0	0.337282	50.0	613582.0	0.067456	Y
2	IC 860-12941/3	25.0	1.837497	50.0	594178.0	0.0735	Y
3	IC 860-12941/4	50.0	3.44924	50.0	610033.0	0.068985	Y
4	IC 860-12941/5	125.0	8.642698	50.0	621542.0	0.069142	Y
5	ICIS 860-12941/6	250.0	15.894884	50.0	638781.0	0.06358	Y
6	IC 860-12941/7	500.0	34.312213	50.0	639268.0	0.068624	Y
7	IC 860-12941/8	750.0	46.702817	50.0	654028.0	0.06227	Y



Calibration / Propionitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

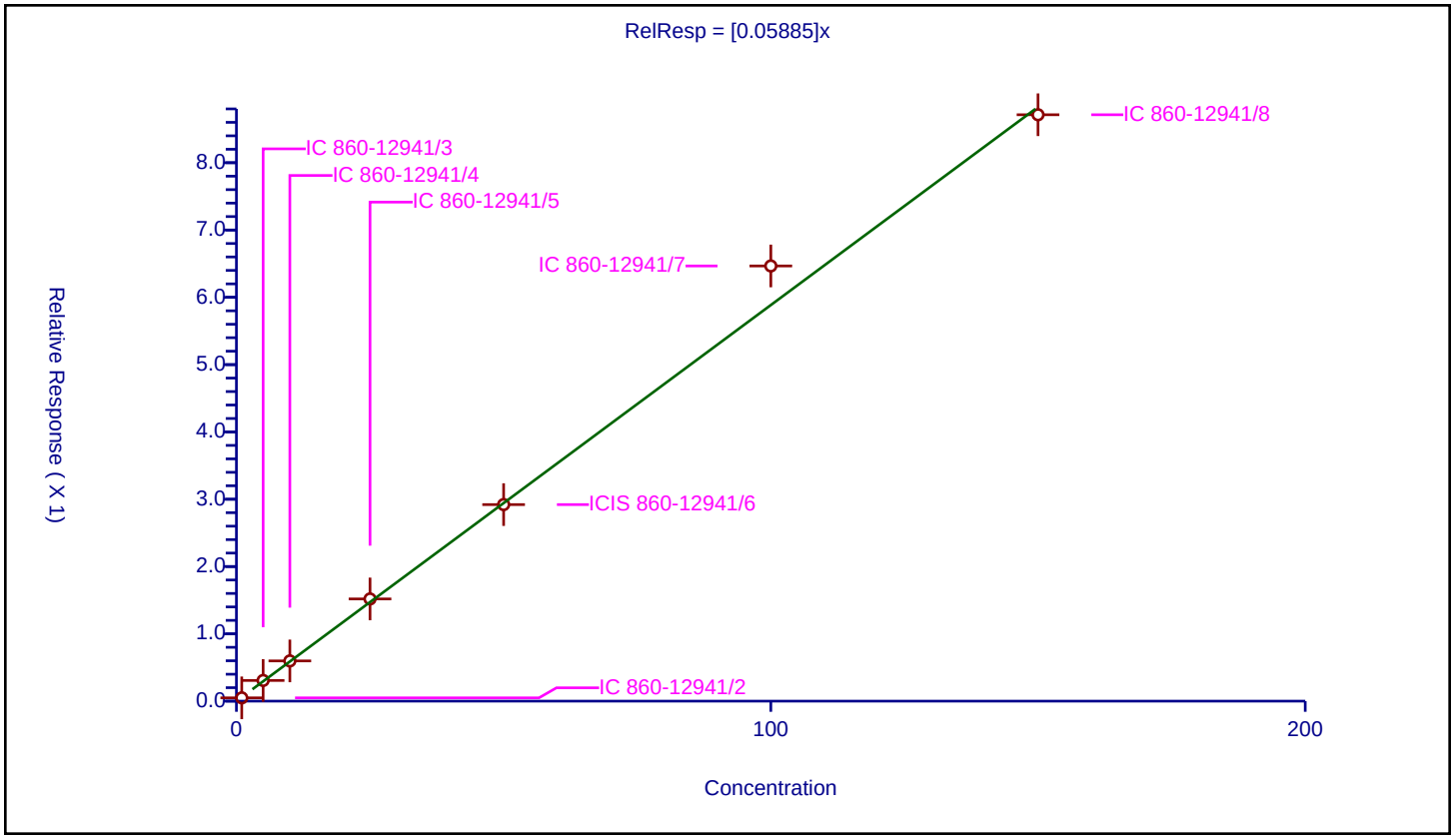
Curve Coefficients

Intercept:	0
Slope:	0.05885

Error Coefficients

Standard Error:	60000
Relative Standard Error:	8.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	0.048812	50.0	613582.0	0.048812	Y
2	IC 860-12941/3	5.0	0.307399	50.0	594178.0	0.06148	Y
3	IC 860-12941/4	10.0	0.597755	50.0	610033.0	0.059775	Y
4	IC 860-12941/5	25.0	1.518562	50.0	621542.0	0.060742	Y
5	ICIS 860-12941/6	50.0	2.92025	50.0	638781.0	0.058405	Y
6	IC 860-12941/7	100.0	6.466146	50.0	639268.0	0.064661	Y
7	IC 860-12941/8	150.0	8.712777	50.0	654028.0	0.058085	Y



Calibration / Methacrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

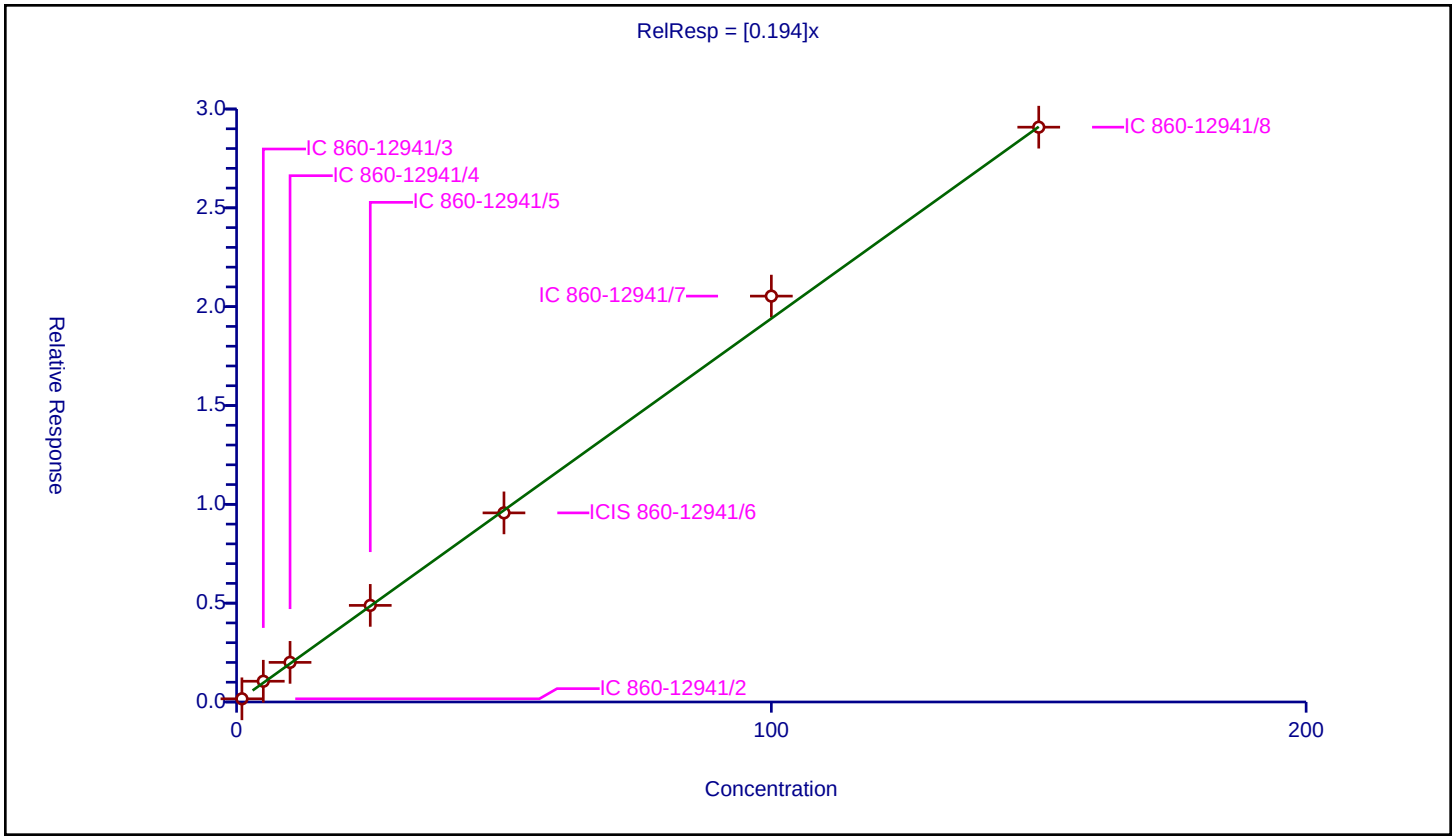
Curve Coefficients

Intercept:	0
Slope:	0.194

Error Coefficients

Standard Error:	197000
Relative Standard Error:	8.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	0.161511	50.0	613582.0	0.161511	Y
2	IC 860-12941/3	5.0	1.050695	50.0	594178.0	0.210139	Y
3	IC 860-12941/4	10.0	2.00399	50.0	610033.0	0.200399	Y
4	IC 860-12941/5	25.0	4.886717	50.0	621542.0	0.195469	Y
5	ICIS 860-12941/6	50.0	9.566816	50.0	638781.0	0.191336	Y
6	IC 860-12941/7	100.0	20.533876	50.0	639268.0	0.205339	Y
7	IC 860-12941/8	150.0	29.080941	50.0	654028.0	0.193873	Y



Calibration / Chlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

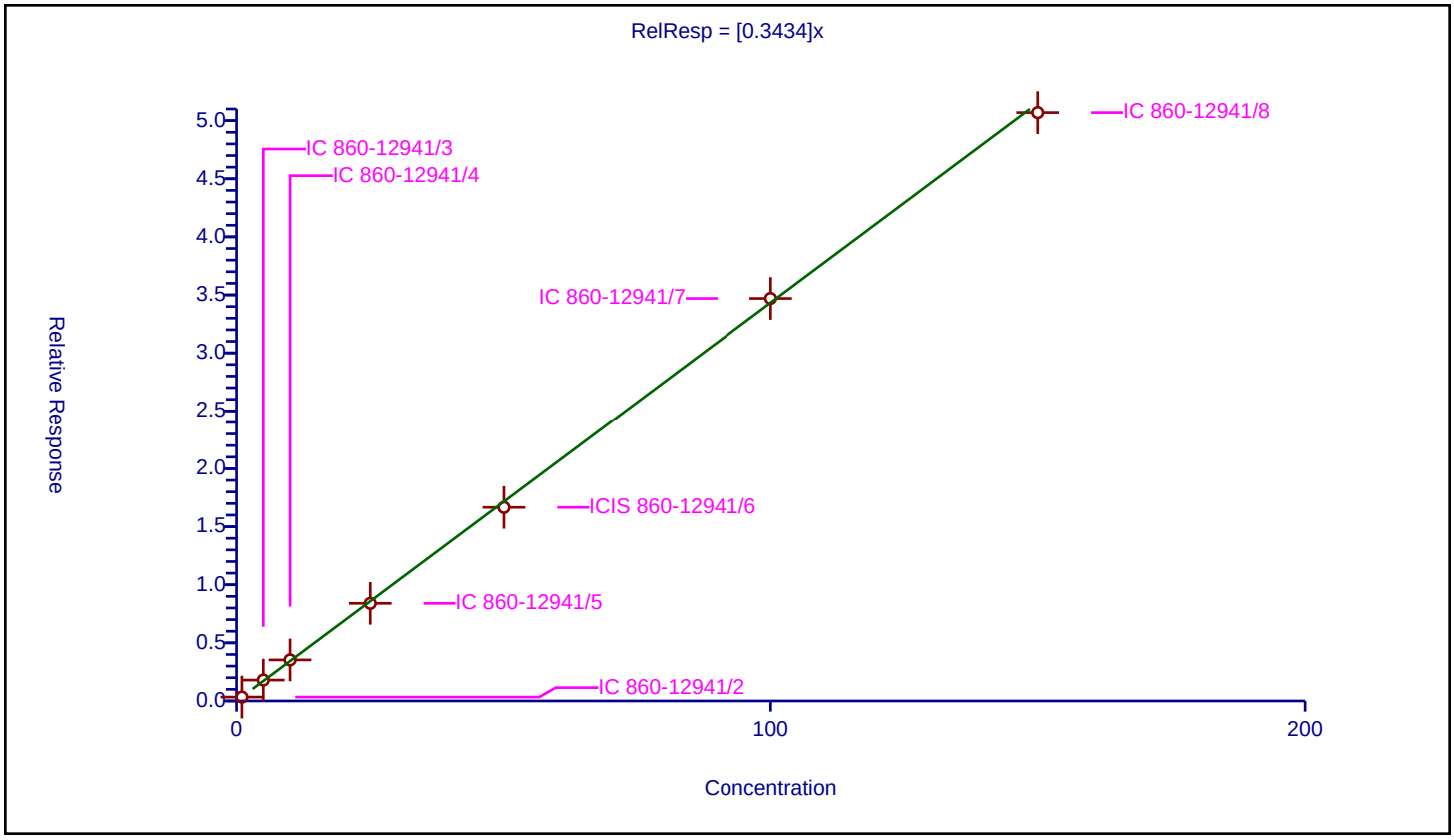
Curve Coefficients

Intercept:	0
Slope:	0.3434

Error Coefficients

Standard Error:	340000
Relative Standard Error:	3.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	0.336059	50.0	613582.0	0.336059	Y
2	IC 860-12941/3	5.0	1.799713	50.0	594178.0	0.359943	Y
3	IC 860-12941/4	10.0	3.532022	50.0	610033.0	0.353202	Y
4	IC 860-12941/5	25.0	8.401283	50.0	621542.0	0.336051	Y
5	ICIS 860-12941/6	50.0	16.664866	50.0	638781.0	0.333297	Y
6	IC 860-12941/7	100.0	34.698202	50.0	639268.0	0.346982	Y
7	IC 860-12941/8	150.0	50.689573	50.0	654028.0	0.33793	Y



Calibration / Tetrahydrofuran

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

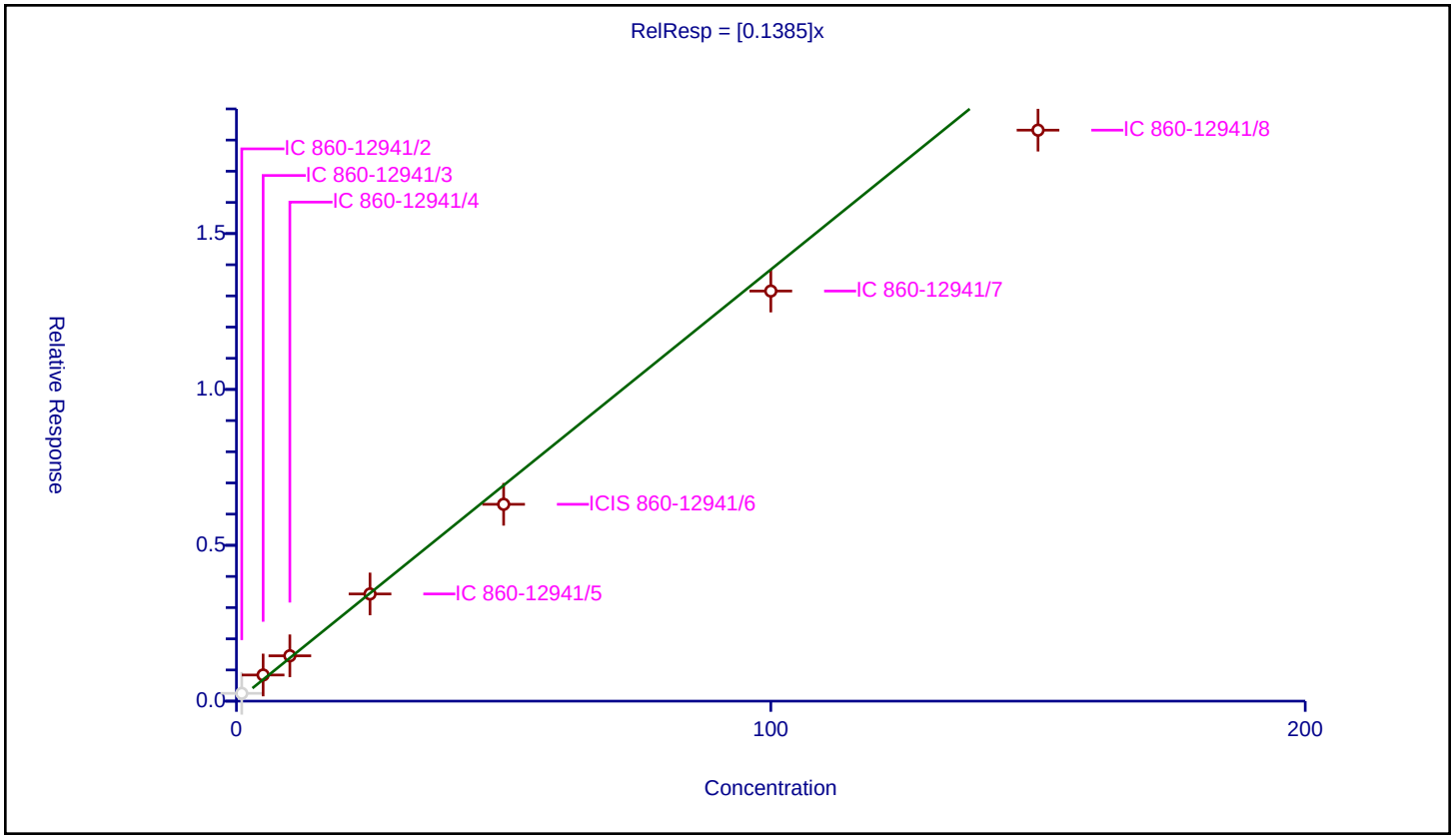
Curve Coefficients

Intercept:	0
Slope:	0.1385

Error Coefficients

Standard Error:	137000
Relative Standard Error:	12.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.973

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	0.249518	50.0	613582.0	0.249518	N
2	IC 860-12941/3	5.0	0.838722	50.0	594178.0	0.167744	Y
3	IC 860-12941/4	10.0	1.454757	50.0	610033.0	0.145476	Y
4	IC 860-12941/5	25.0	3.438947	50.0	621542.0	0.137558	Y
5	ICIS 860-12941/6	50.0	6.314997	50.0	638781.0	0.1263	Y
6	IC 860-12941/7	100.0	13.156219	50.0	639268.0	0.131562	Y
7	IC 860-12941/8	150.0	18.3181	50.0	654028.0	0.122121	Y



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

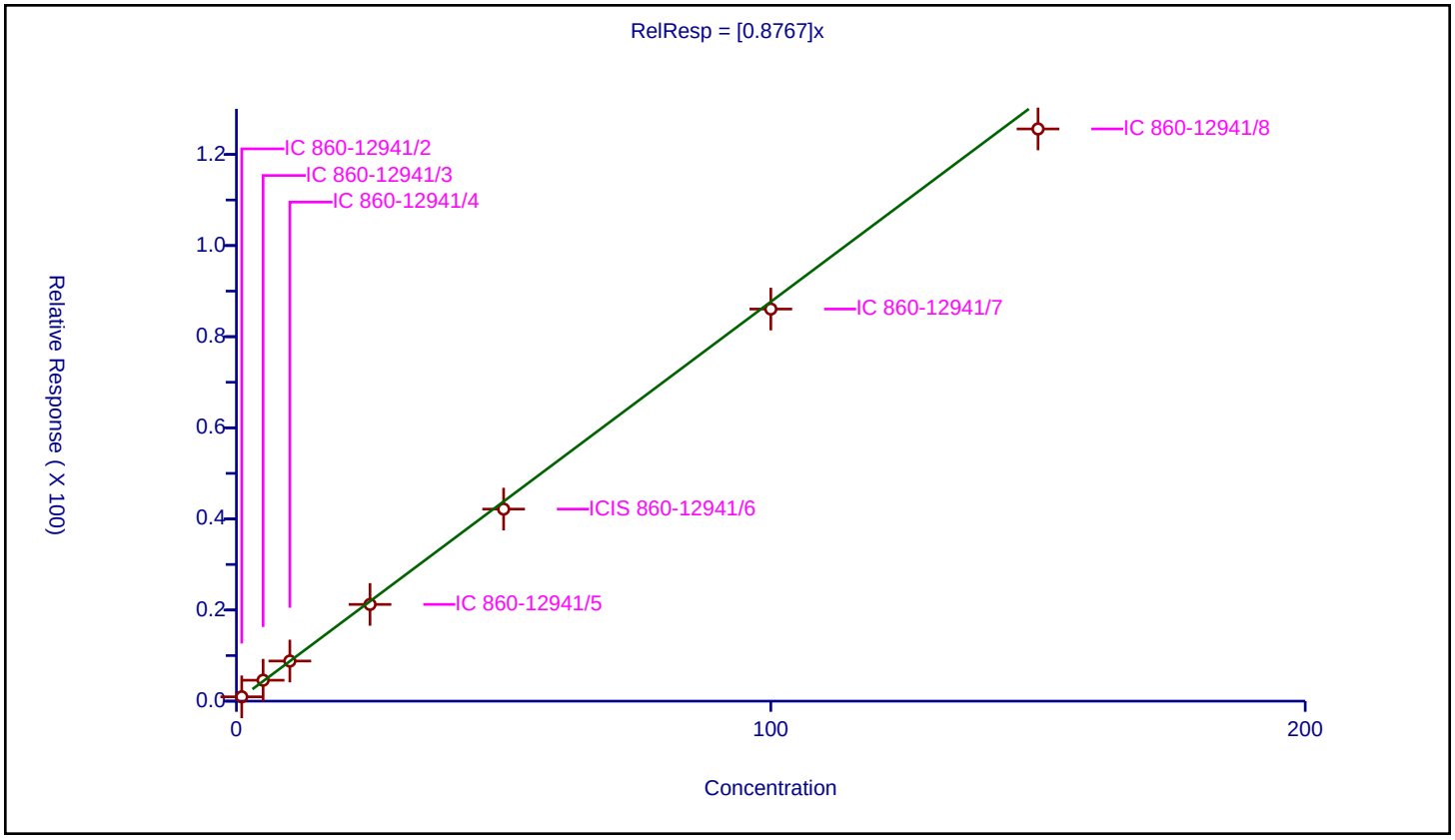
Curve Coefficients

Intercept:	0
Slope:	0.8767

Error Coefficients

Standard Error:	845000
Relative Standard Error:	4.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	0.947306	50.0	613582.0	0.947306	Y
2	IC 860-12941/3	5.0	4.592395	50.0	594178.0	0.918479	Y
3	IC 860-12941/4	10.0	8.806163	50.0	610033.0	0.880616	Y
4	IC 860-12941/5	25.0	21.23332	50.0	621542.0	0.849333	Y
5	ICIS 860-12941/6	50.0	42.155527	50.0	638781.0	0.843111	Y
6	IC 860-12941/7	100.0	86.066564	50.0	639268.0	0.860666	Y
7	IC 860-12941/8	150.0	125.598598	50.0	654028.0	0.837324	Y



Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

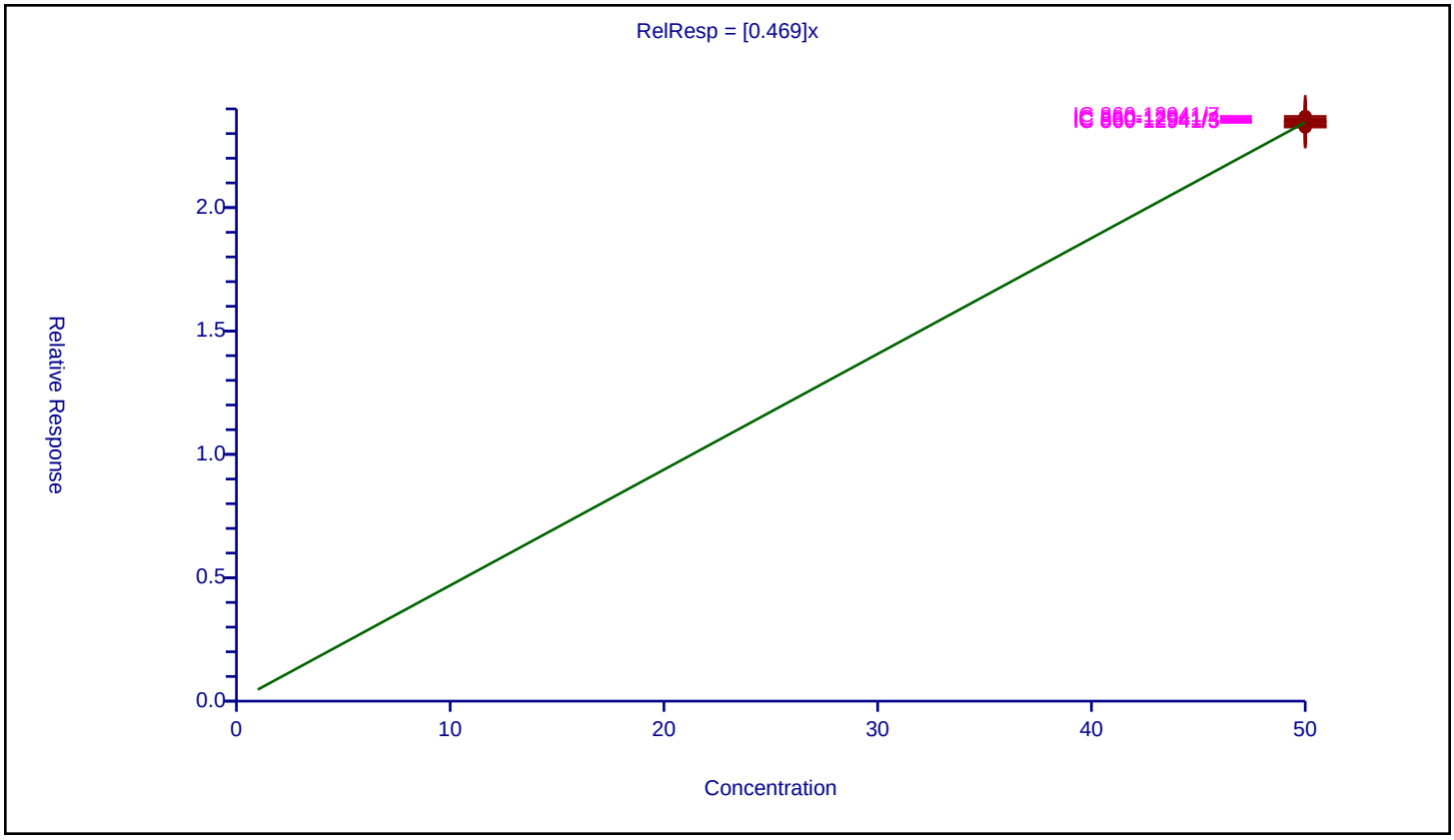
Curve Coefficients

Intercept:	0
Slope:	0.469

Error Coefficients

Standard Error:	316000
Relative Standard Error:	0.7
Correlation Coefficient:	0.00000000000000000000
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	50.0	23.263476	50.0	613582.0	0.46527	Y
2	IC 860-12941/3	50.0	23.504404	50.0	594178.0	0.470088	Y
3	IC 860-12941/4	50.0	23.584052	50.0	610033.0	0.471681	Y
4	IC 860-12941/5	50.0	23.452961	50.0	621542.0	0.469059	Y
5	ICIS 860-12941/6	50.0	23.296325	50.0	638781.0	0.465927	Y
6	IC 860-12941/7	50.0	23.694757	50.0	639268.0	0.473895	Y
7	IC 860-12941/8	50.0	23.368266	50.0	654028.0	0.467365	Y



Calibration / 1,1,1-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

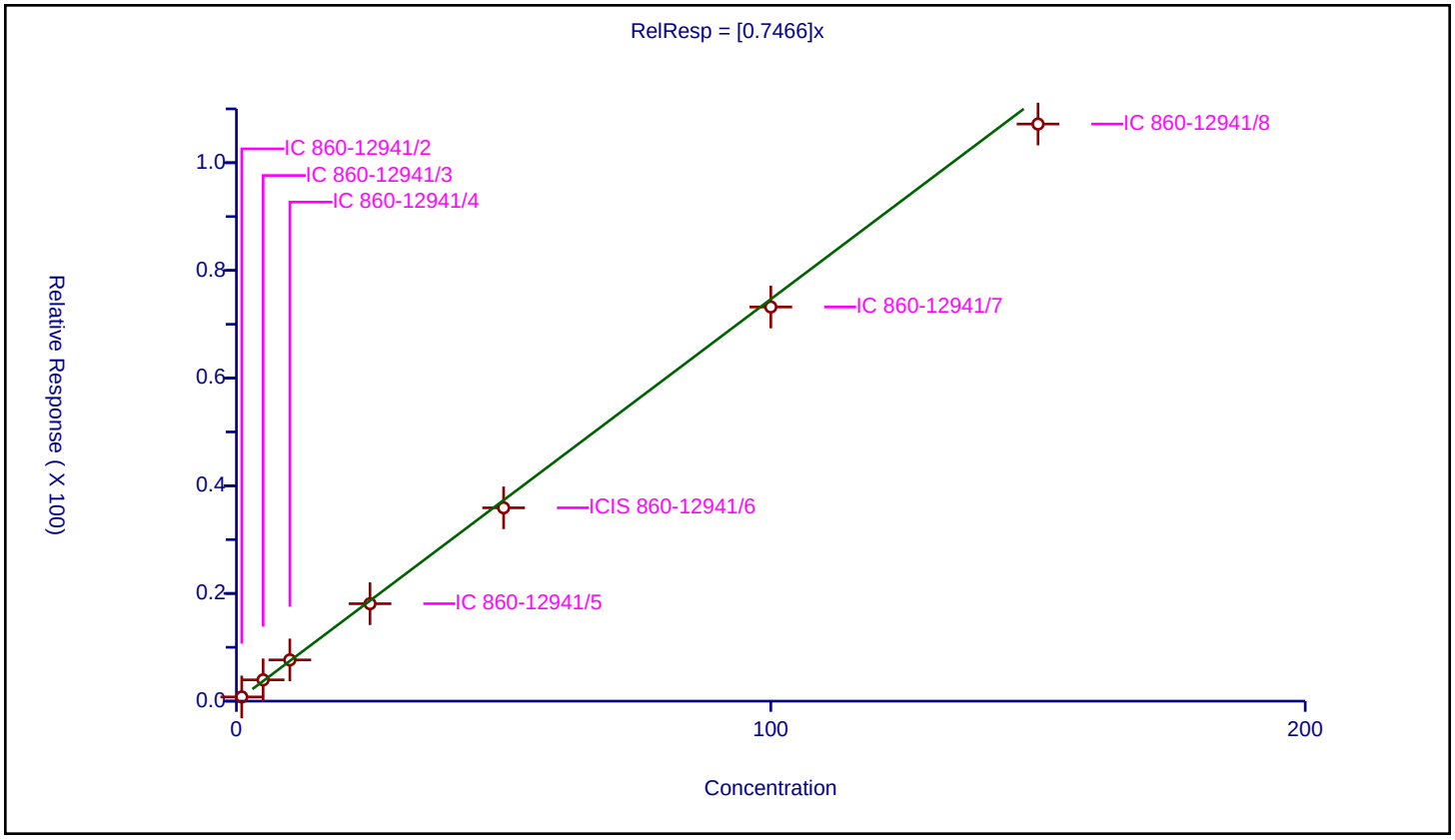
Curve Coefficients

Intercept:	0
Slope:	0.7466

Error Coefficients

Standard Error:	720000
Relative Standard Error:	4.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	0.780499	50.0	613582.0	0.780499	Y
2	IC 860-12941/3	5.0	3.95496	50.0	594178.0	0.790992	Y
3	IC 860-12941/4	10.0	7.661061	50.0	610033.0	0.766106	Y
4	IC 860-12941/5	25.0	18.097812	50.0	621542.0	0.723912	Y
5	ICIS 860-12941/6	50.0	35.905107	50.0	638781.0	0.718102	Y
6	IC 860-12941/7	100.0	73.203492	50.0	639268.0	0.732035	Y
7	IC 860-12941/8	150.0	107.185319	50.0	654028.0	0.714569	Y



Calibration / Cyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

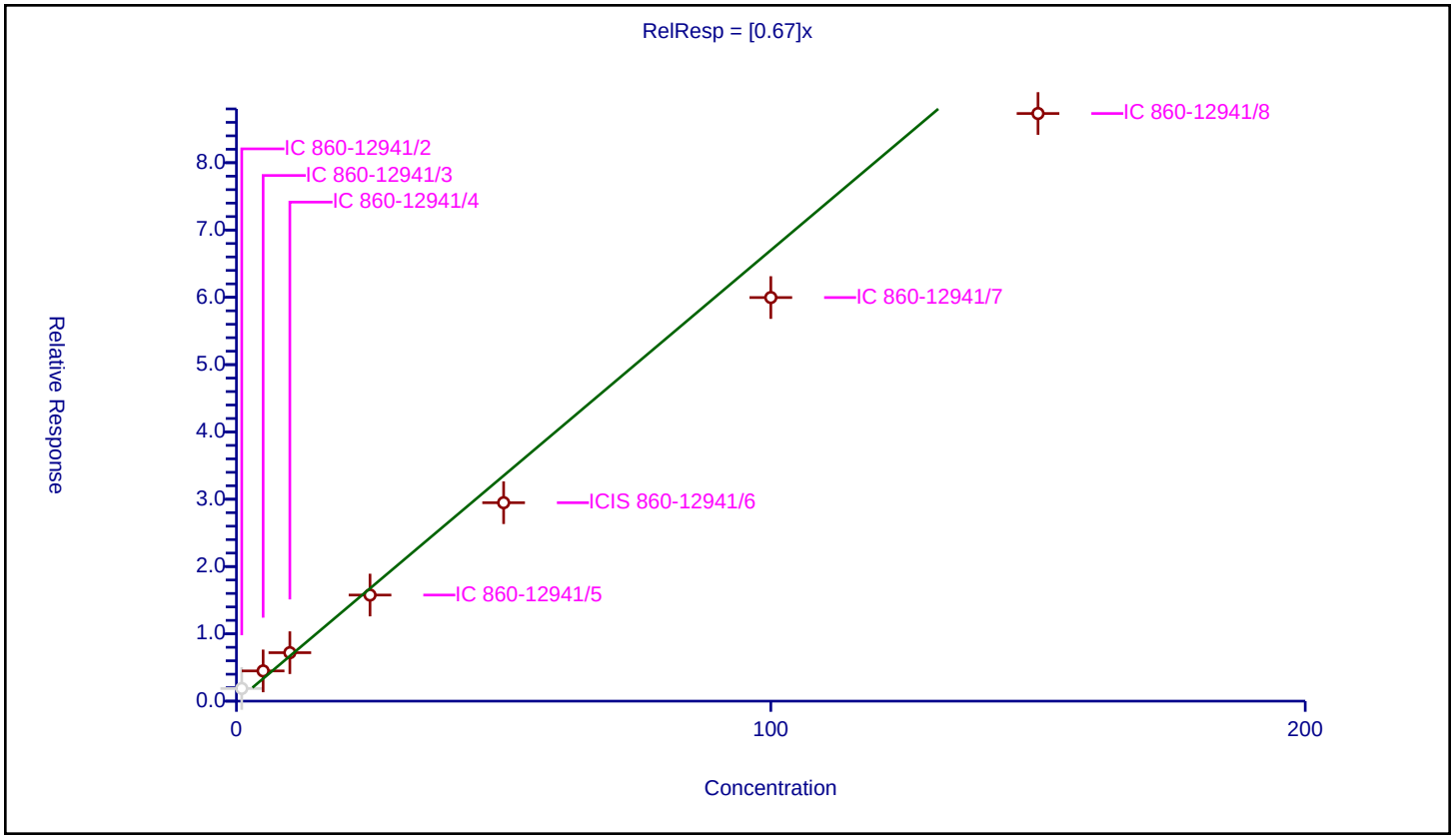
Curve Coefficients

Intercept:	0
Slope:	0.67

Error Coefficients

Standard Error:	645000
Relative Standard Error:	18.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.929

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	1.883285	50.0	613582.0	1.883285	N
2	IC 860-12941/3	5.0	4.49091	50.0	594178.0	0.898182	Y
3	IC 860-12941/4	10.0	7.199119	50.0	610033.0	0.719912	Y
4	IC 860-12941/5	25.0	15.764261	50.0	621542.0	0.63057	Y
5	ICIS 860-12941/6	50.0	29.485614	50.0	638781.0	0.589712	Y
6	IC 860-12941/7	100.0	59.969293	50.0	639268.0	0.599693	Y
7	IC 860-12941/8	150.0	87.316445	50.0	654028.0	0.58211	Y



Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

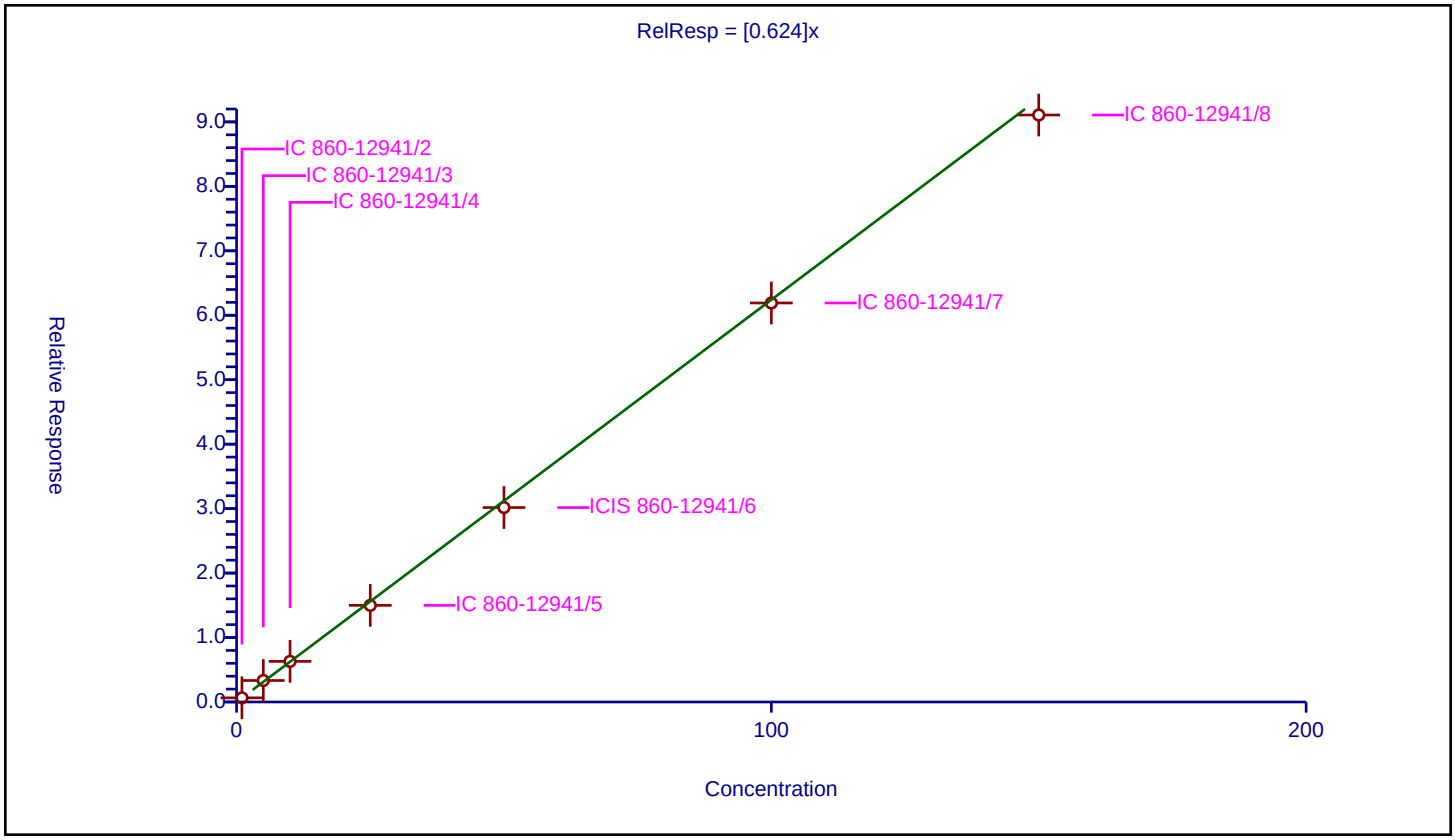
Curve Coefficients

Intercept:	0
Slope:	0.624

Error Coefficients

Standard Error:	610000
Relative Standard Error:	3.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	0.64262	50.0	613582.0	0.64262	Y
2	IC 860-12941/3	5.0	3.330652	50.0	594178.0	0.66613	Y
3	IC 860-12941/4	10.0	6.299905	50.0	610033.0	0.629991	Y
4	IC 860-12941/5	25.0	14.990379	50.0	621542.0	0.599615	Y
5	ICIS 860-12941/6	50.0	30.165972	50.0	638781.0	0.603319	Y
6	IC 860-12941/7	100.0	61.905648	50.0	639268.0	0.619056	Y
7	IC 860-12941/8	150.0	91.069954	50.0	654028.0	0.607133	Y



Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

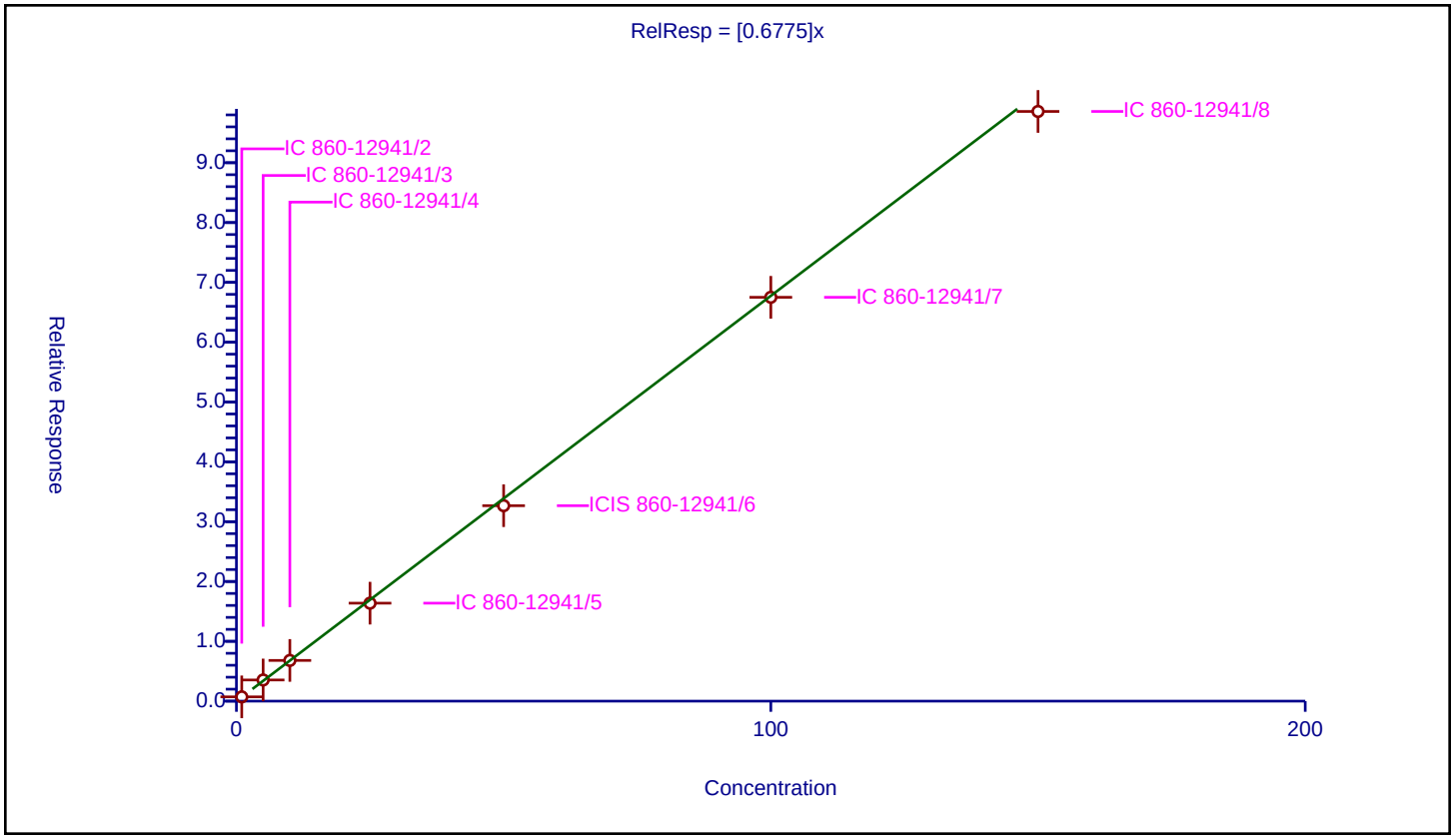
Curve Coefficients

Intercept:	0
Slope:	0.6775

Error Coefficients

Standard Error:	662000
Relative Standard Error:	3.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	0.713678	50.0	613582.0	0.713678	Y
2	IC 860-12941/3	5.0	3.539259	50.0	594178.0	0.707852	Y
3	IC 860-12941/4	10.0	6.803402	50.0	610033.0	0.68034	Y
4	IC 860-12941/5	25.0	16.376206	50.0	621542.0	0.655048	Y
5	ICIS 860-12941/6	50.0	32.673796	50.0	638781.0	0.653476	Y
6	IC 860-12941/7	100.0	67.505412	50.0	639268.0	0.675054	Y
7	IC 860-12941/8	150.0	98.572691	50.0	654028.0	0.657151	Y



Calibration / Isobutyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

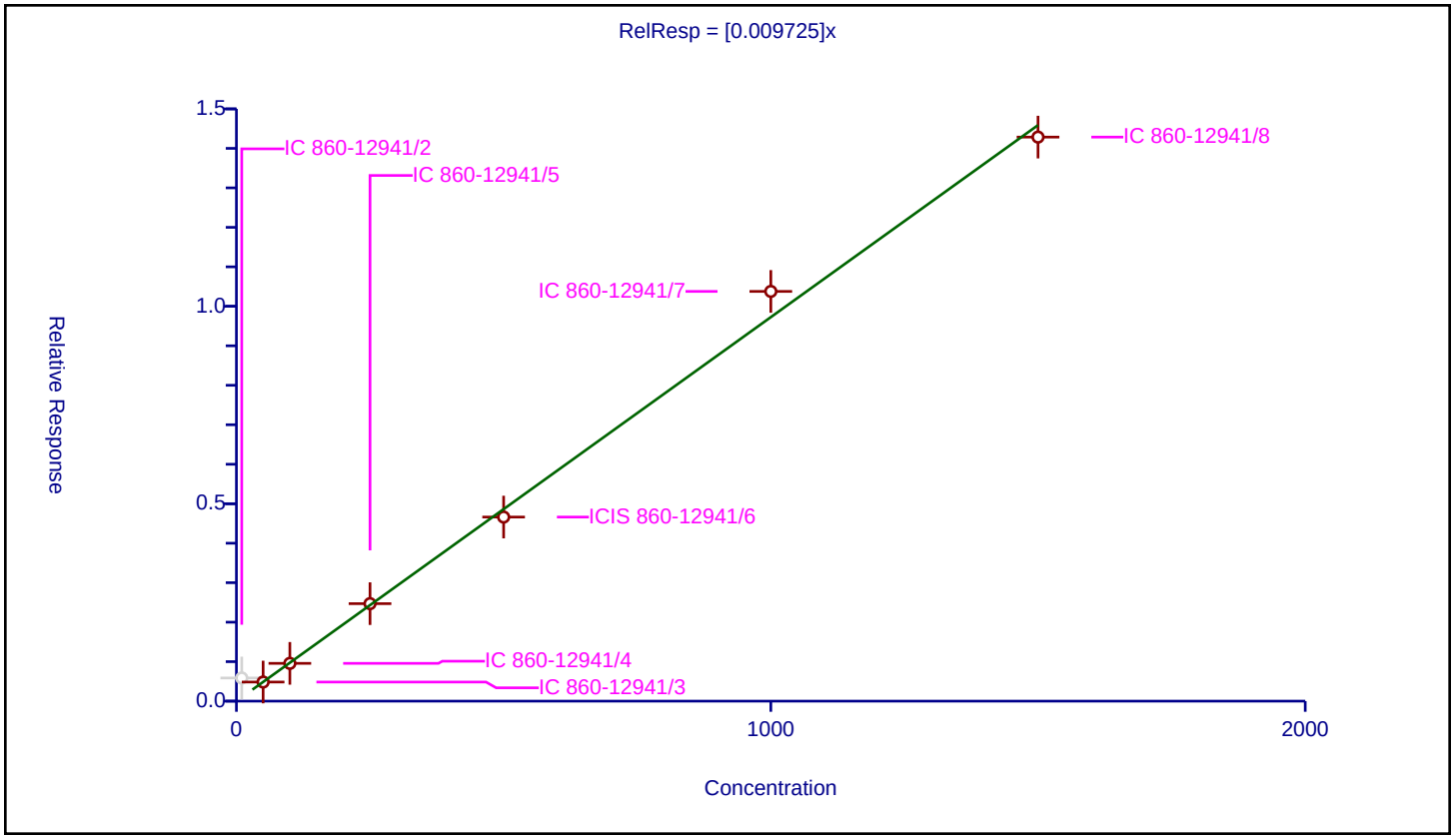
Curve Coefficients

Intercept:	0
Slope:	0.009725

Error Coefficients

Standard Error:	156000
Relative Standard Error:	3.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	10.0	0.58641	50.0	897836.0	0.058641	N
2	IC 860-12941/3	50.0	0.484201	50.0	865756.0	0.009684	Y
3	IC 860-12941/4	100.0	0.956632	50.0	890938.0	0.009566	Y
4	IC 860-12941/5	250.0	2.468945	50.0	914257.0	0.009876	Y
5	ICIS 860-12941/6	500.0	4.662527	50.0	927866.0	0.009325	Y
6	IC 860-12941/7	1000.0	10.376872	50.0	935436.0	0.010377	Y
7	IC 860-12941/8	1500.0	14.285535	50.0	956408.0	0.009524	Y



Calibration / 1,2-Dichloroethane-d4 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

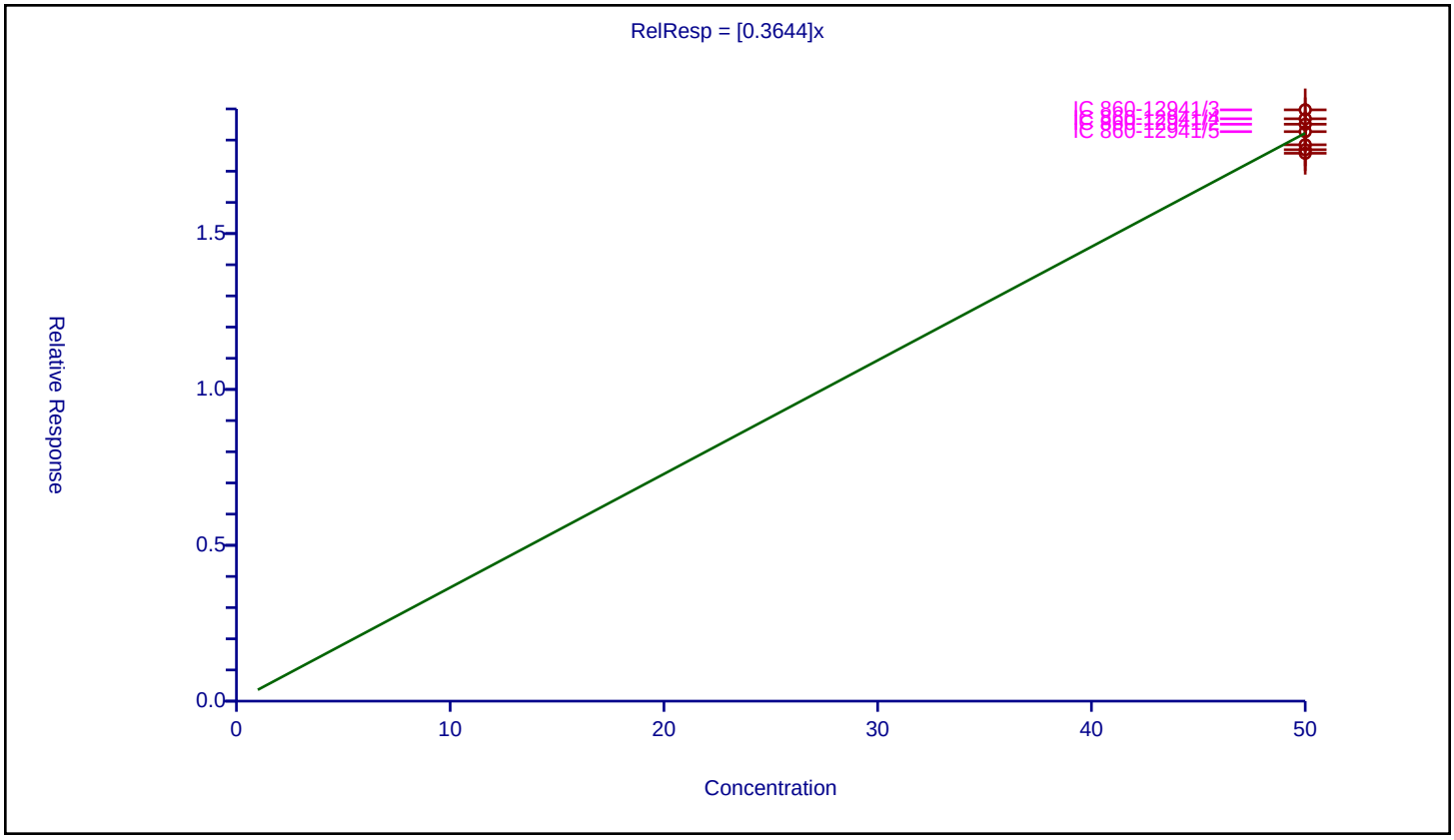
Curve Coefficients

Intercept:	0
Slope:	0.3644

Error Coefficients

Standard Error:	359000
Relative Standard Error:	2.9
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0.000000000000000111

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	50.0	18.508614	50.0	897836.0	0.370172	Y
2	IC 860-12941/3	50.0	18.96897	50.0	865756.0	0.379379	Y
3	IC 860-12941/4	50.0	18.683174	50.0	890938.0	0.373663	Y
4	IC 860-12941/5	50.0	18.269972	50.0	914257.0	0.365399	Y
5	ICIS 860-12941/6	50.0	17.848806	50.0	927866.0	0.356976	Y
6	IC 860-12941/7	50.0	17.691002	50.0	935436.0	0.35382	Y
7	IC 860-12941/8	50.0	17.576756	50.0	956408.0	0.351535	Y



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

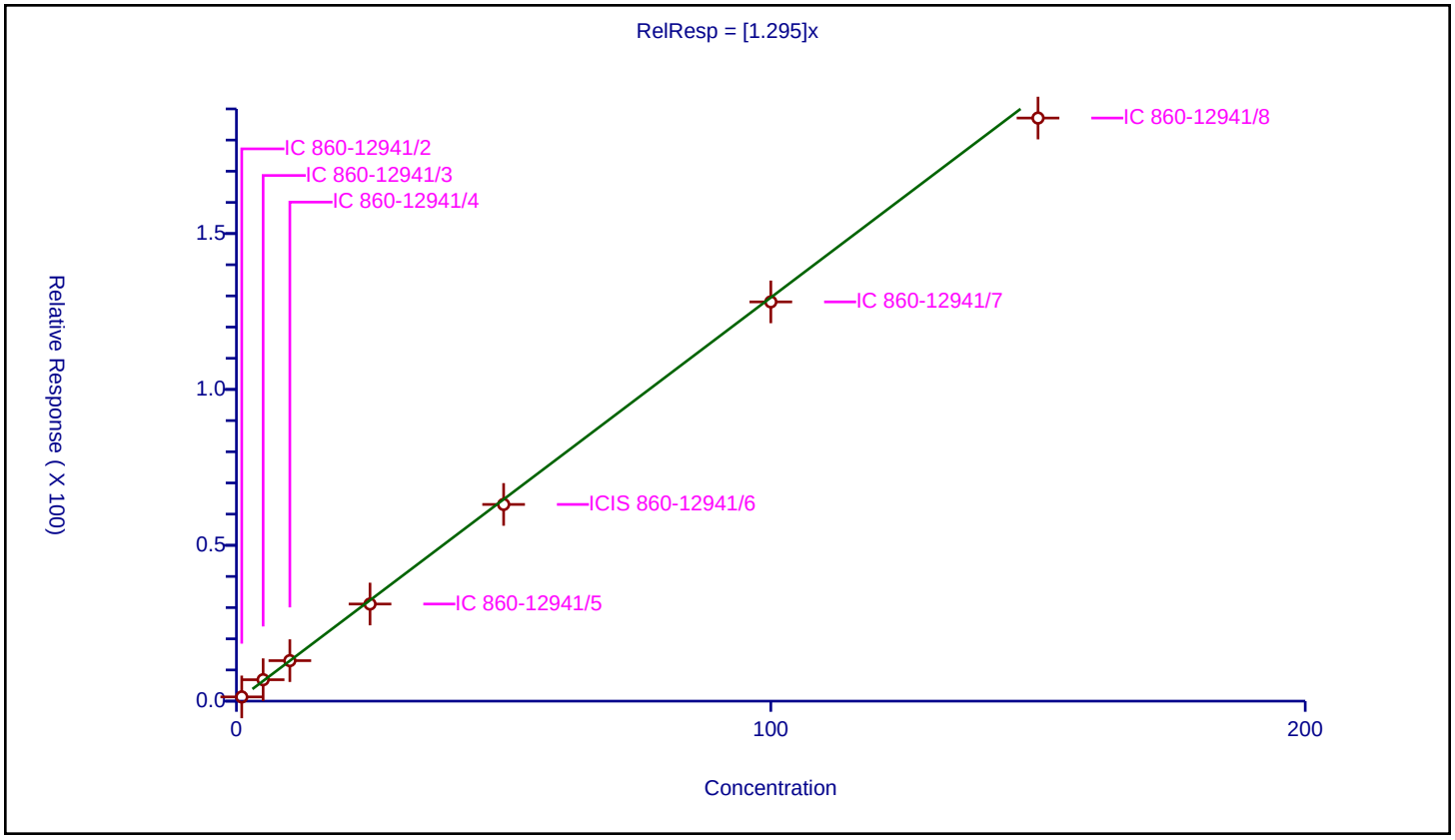
Curve Coefficients

Intercept:	0
Slope:	1.295

Error Coefficients

Standard Error:	1840000
Relative Standard Error:	4.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	1.353477	50.0	897836.0	1.353477	Y
2	IC 860-12941/3	5.0	6.872664	50.0	865756.0	1.374533	Y
3	IC 860-12941/4	10.0	12.992711	50.0	890938.0	1.299271	Y
4	IC 860-12941/5	25.0	31.158143	50.0	914257.0	1.246326	Y
5	ICIS 860-12941/6	50.0	63.107281	50.0	927866.0	1.262146	Y
6	IC 860-12941/7	100.0	128.089255	50.0	935436.0	1.280893	Y
7	IC 860-12941/8	150.0	187.065457	50.0	956408.0	1.247103	Y



Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

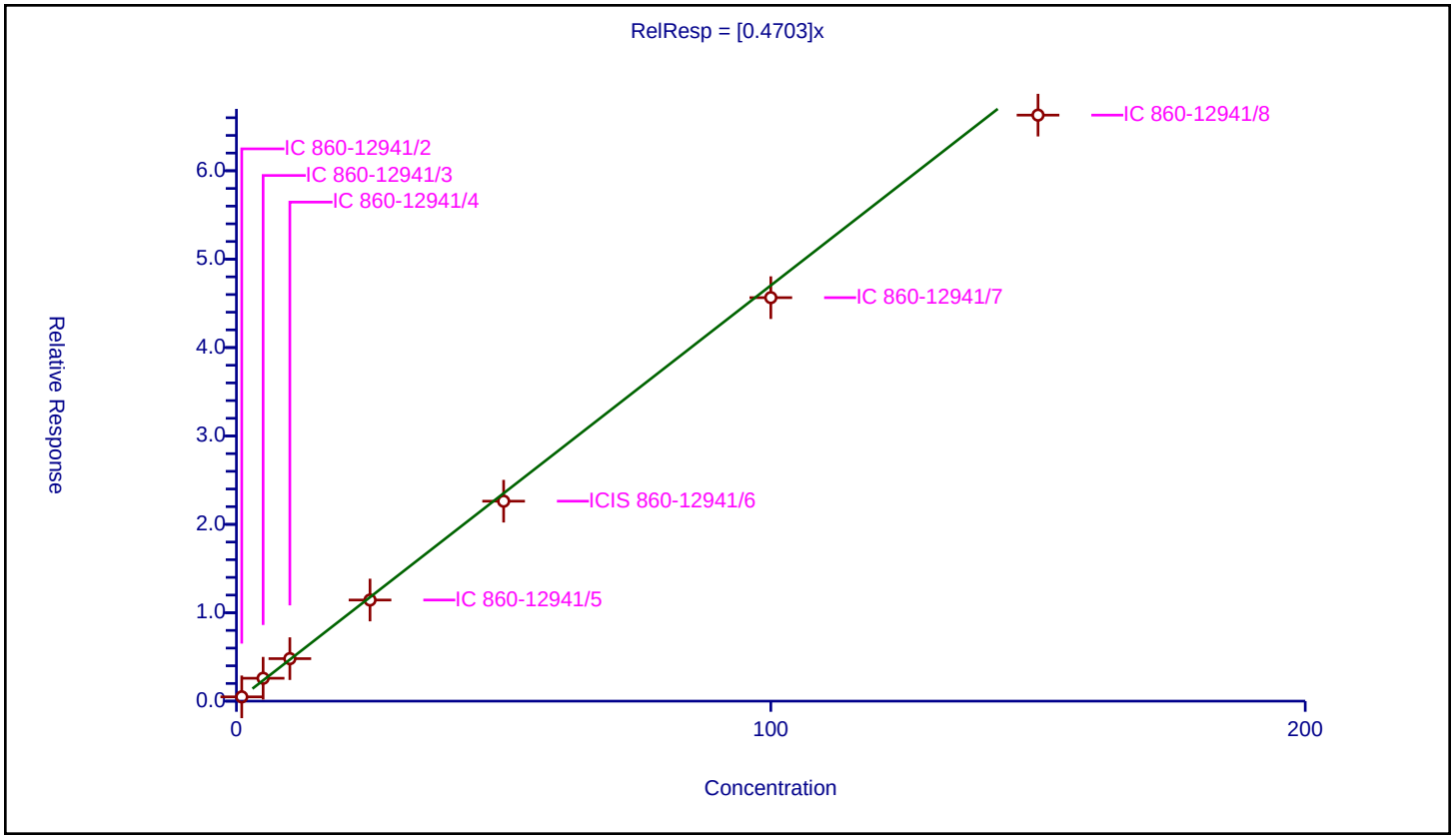
Curve Coefficients

Intercept:	0
Slope:	0.4703

Error Coefficients

Standard Error:	654000
Relative Standard Error:	5.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	0.484721	50.0	897836.0	0.484721	Y
2	IC 860-12941/3	5.0	2.589991	50.0	865756.0	0.517998	Y
3	IC 860-12941/4	10.0	4.808247	50.0	890938.0	0.480825	Y
4	IC 860-12941/5	25.0	11.439945	50.0	914257.0	0.457598	Y
5	ICIS 860-12941/6	50.0	22.621047	50.0	927866.0	0.452421	Y
6	IC 860-12941/7	100.0	45.646843	50.0	935436.0	0.456468	Y
7	IC 860-12941/8	150.0	66.294824	50.0	956408.0	0.441965	Y



Calibration / Isooctane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

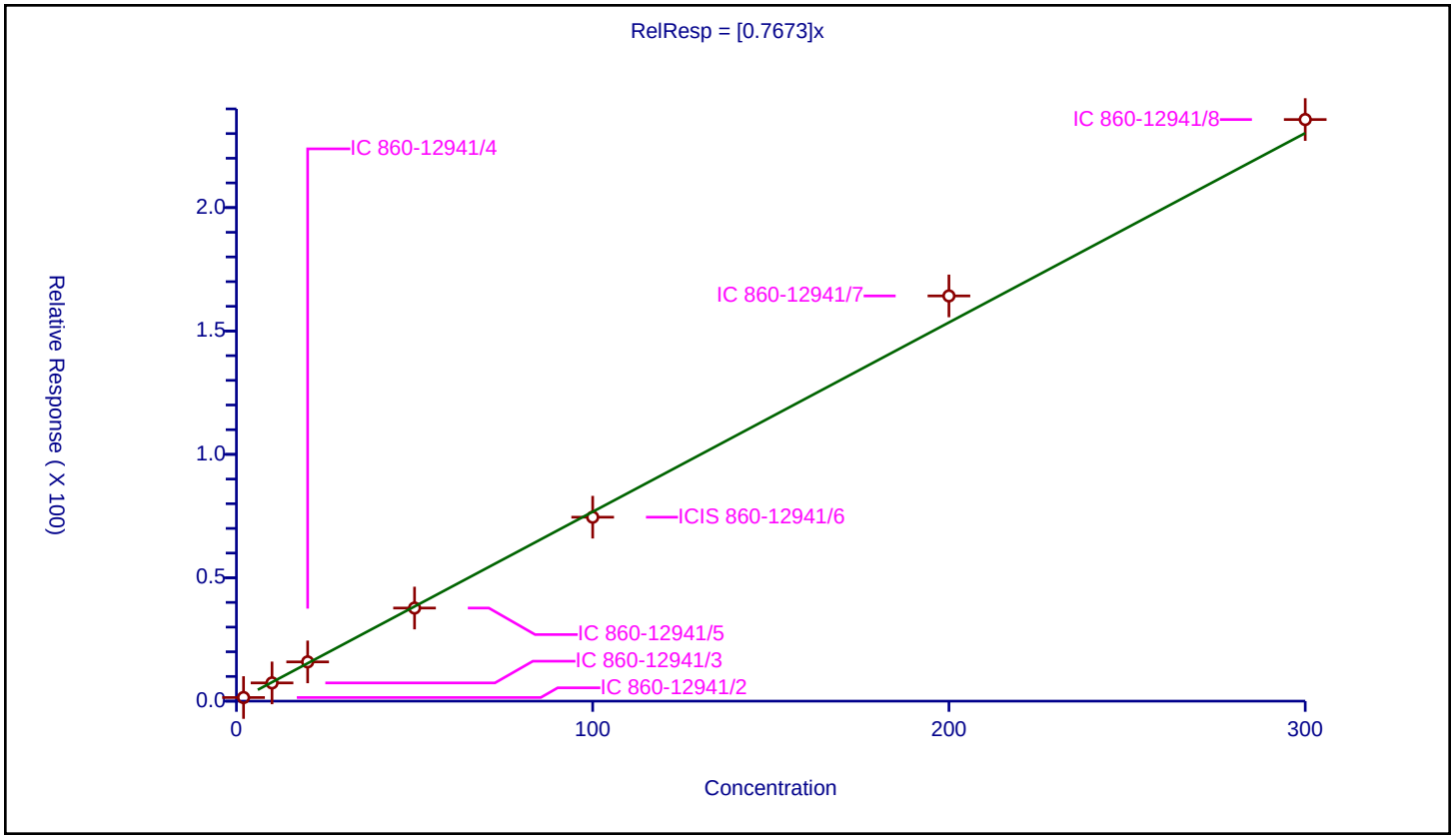
Curve Coefficients

Intercept:	0
Slope:	0.7673

Error Coefficients

Standard Error:	2320000
Relative Standard Error:	4.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	2.0	1.460122	50.0	897836.0	0.730061	Y
2	IC 860-12941/3	10.0	7.391748	50.0	865756.0	0.739175	Y
3	IC 860-12941/4	20.0	15.900321	50.0	890938.0	0.795016	Y
4	IC 860-12941/5	50.0	37.731677	50.0	914257.0	0.754634	Y
5	ICIS 860-12941/6	100.0	74.537164	50.0	927866.0	0.745372	Y
6	IC 860-12941/7	200.0	164.206584	50.0	935436.0	0.821033	Y
7	IC 860-12941/8	300.0	235.677347	50.0	956408.0	0.785591	Y



Calibration / Tert-amyl methyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

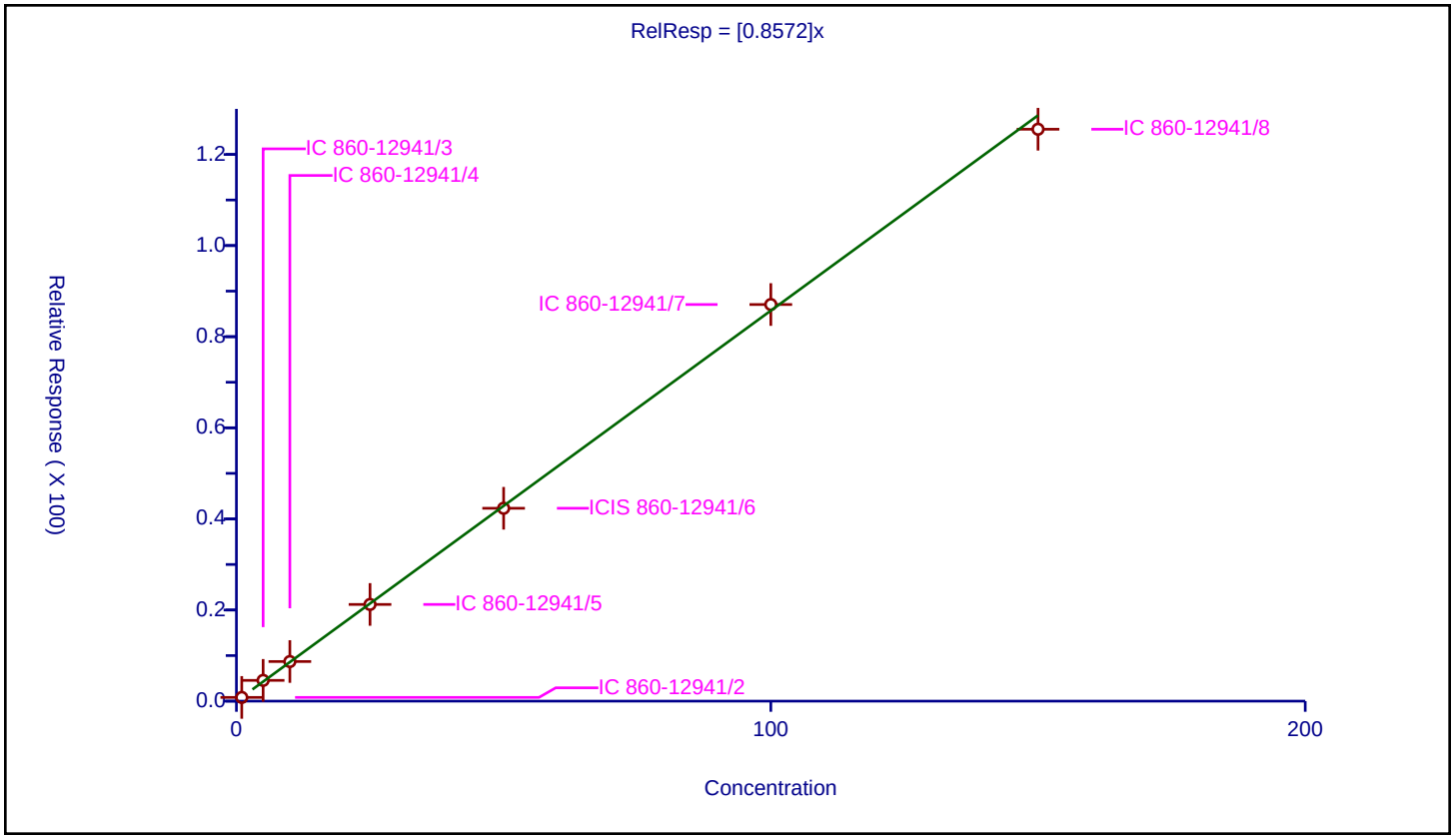
Curve Coefficients

Intercept:	0
Slope:	0.8572

Error Coefficients

Standard Error:	1240000
Relative Standard Error:	3.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	0.815851	50.0	897836.0	0.815851	Y
2	IC 860-12941/3	5.0	4.559079	50.0	865756.0	0.911816	Y
3	IC 860-12941/4	10.0	8.69331	50.0	890938.0	0.869331	Y
4	IC 860-12941/5	25.0	21.224885	50.0	914257.0	0.848995	Y
5	ICIS 860-12941/6	50.0	42.332945	50.0	927866.0	0.846659	Y
6	IC 860-12941/7	100.0	87.056464	50.0	935436.0	0.870565	Y
7	IC 860-12941/8	150.0	125.535911	50.0	956408.0	0.836906	Y



Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

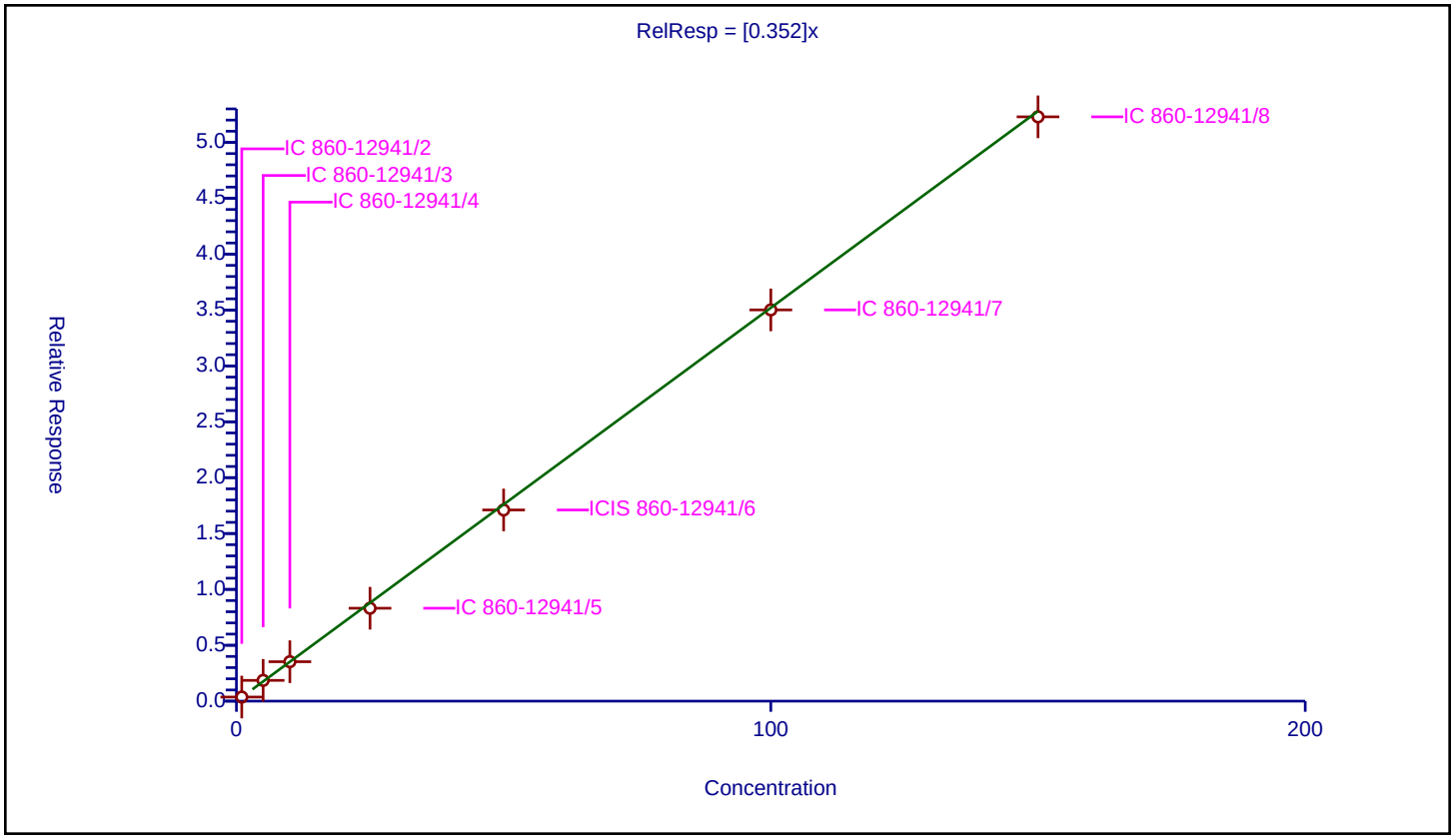
Curve Coefficients

Intercept:	0
Slope:	0.352

Error Coefficients

Standard Error:	510000
Relative Standard Error:	3.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	0.366158	50.0	897836.0	0.366158	Y
2	IC 860-12941/3	5.0	1.857047	50.0	865756.0	0.371409	Y
3	IC 860-12941/4	10.0	3.529202	50.0	890938.0	0.35292	Y
4	IC 860-12941/5	25.0	8.314839	50.0	914257.0	0.332594	Y
5	ICIS 860-12941/6	50.0	17.108451	50.0	927866.0	0.342169	Y
6	IC 860-12941/7	100.0	35.011962	50.0	935436.0	0.35012	Y
7	IC 860-12941/8	150.0	52.290393	50.0	956408.0	0.348603	Y



Calibration / Methylcyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

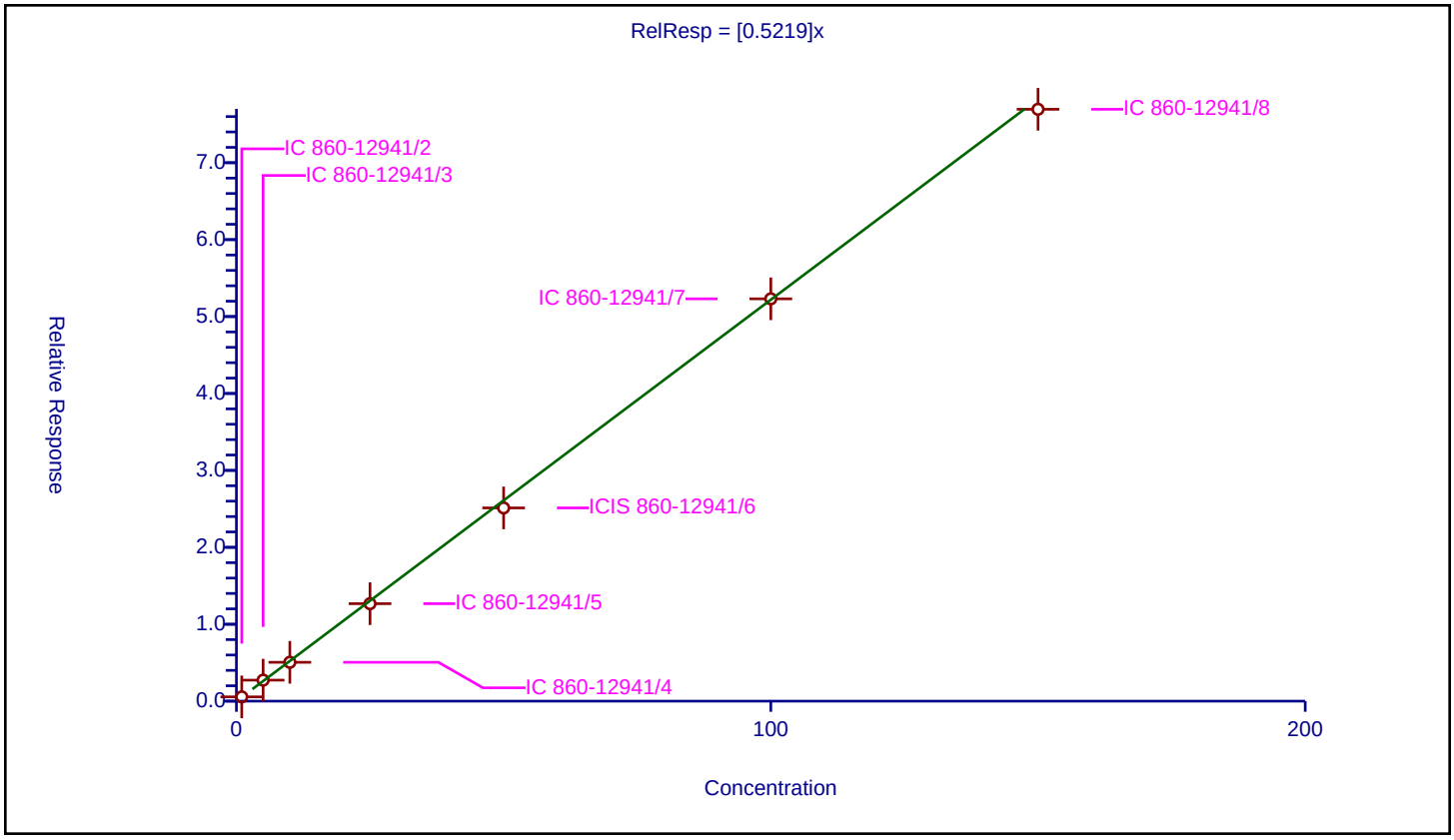
Curve Coefficients

Intercept:	0
Slope:	0.5219

Error Coefficients

Standard Error:	753000
Relative Standard Error:	4.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	0.557229	50.0	897836.0	0.557229	Y
2	IC 860-12941/3	5.0	2.728713	50.0	865756.0	0.545743	Y
3	IC 860-12941/4	10.0	5.050127	50.0	890938.0	0.505013	Y
4	IC 860-12941/5	25.0	12.670453	50.0	914257.0	0.506818	Y
5	ICIS 860-12941/6	50.0	25.120869	50.0	927866.0	0.502417	Y
6	IC 860-12941/7	100.0	52.306251	50.0	935436.0	0.523063	Y
7	IC 860-12941/8	150.0	76.946868	50.0	956408.0	0.512979	Y



Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

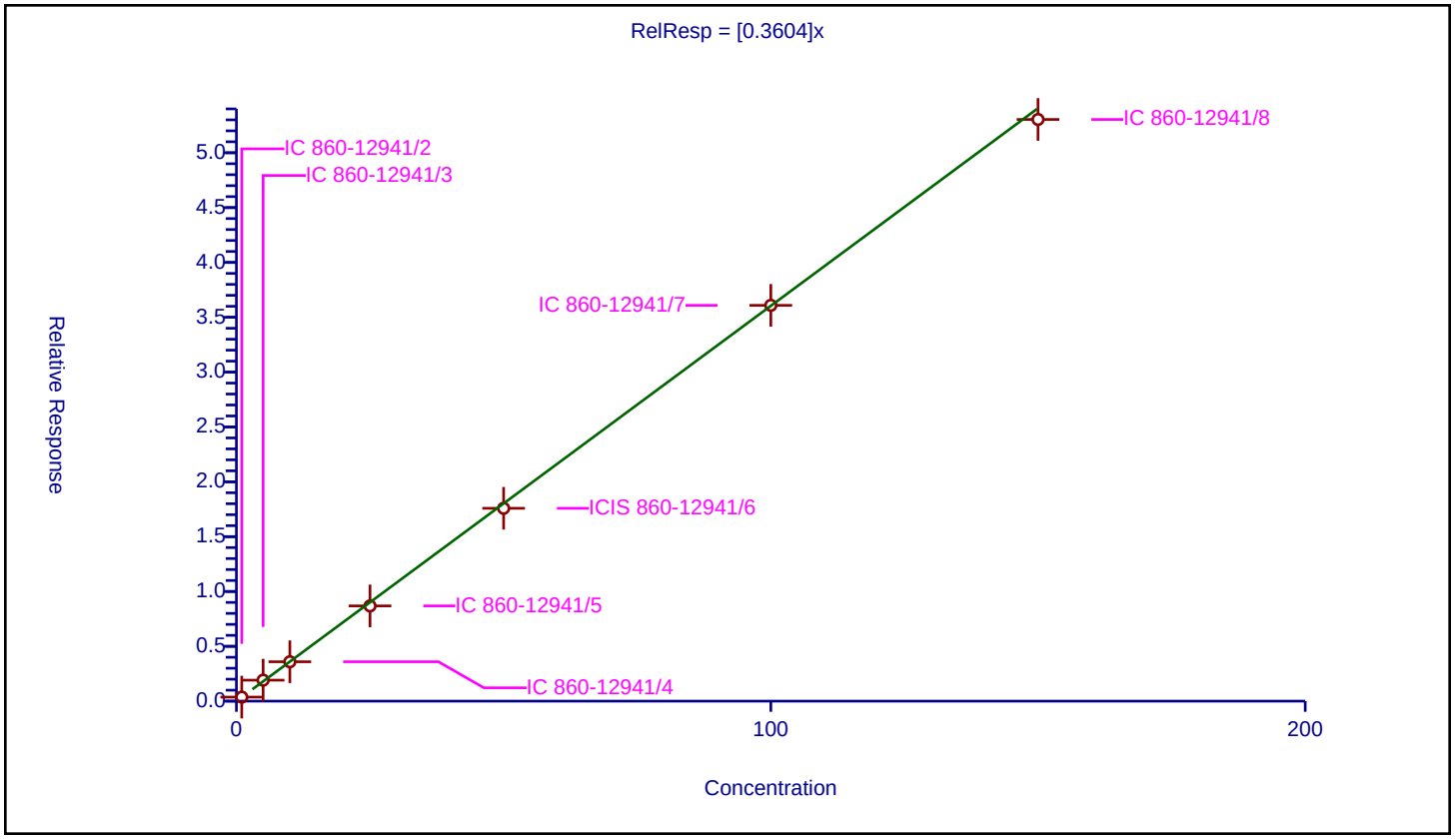
Curve Coefficients

Intercept:	0
Slope:	0.3604

Error Coefficients

Standard Error:	520000
Relative Standard Error:	3.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	0.367996	50.0	897836.0	0.367996	Y
2	IC 860-12941/3	5.0	1.911913	50.0	865756.0	0.382383	Y
3	IC 860-12941/4	10.0	3.591047	50.0	890938.0	0.359105	Y
4	IC 860-12941/5	25.0	8.683116	50.0	914257.0	0.347325	Y
5	ICIS 860-12941/6	50.0	17.583843	50.0	927866.0	0.351677	Y
6	IC 860-12941/7	100.0	36.08761	50.0	935436.0	0.360876	Y
7	IC 860-12941/8	150.0	53.036204	50.0	956408.0	0.353575	Y



Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

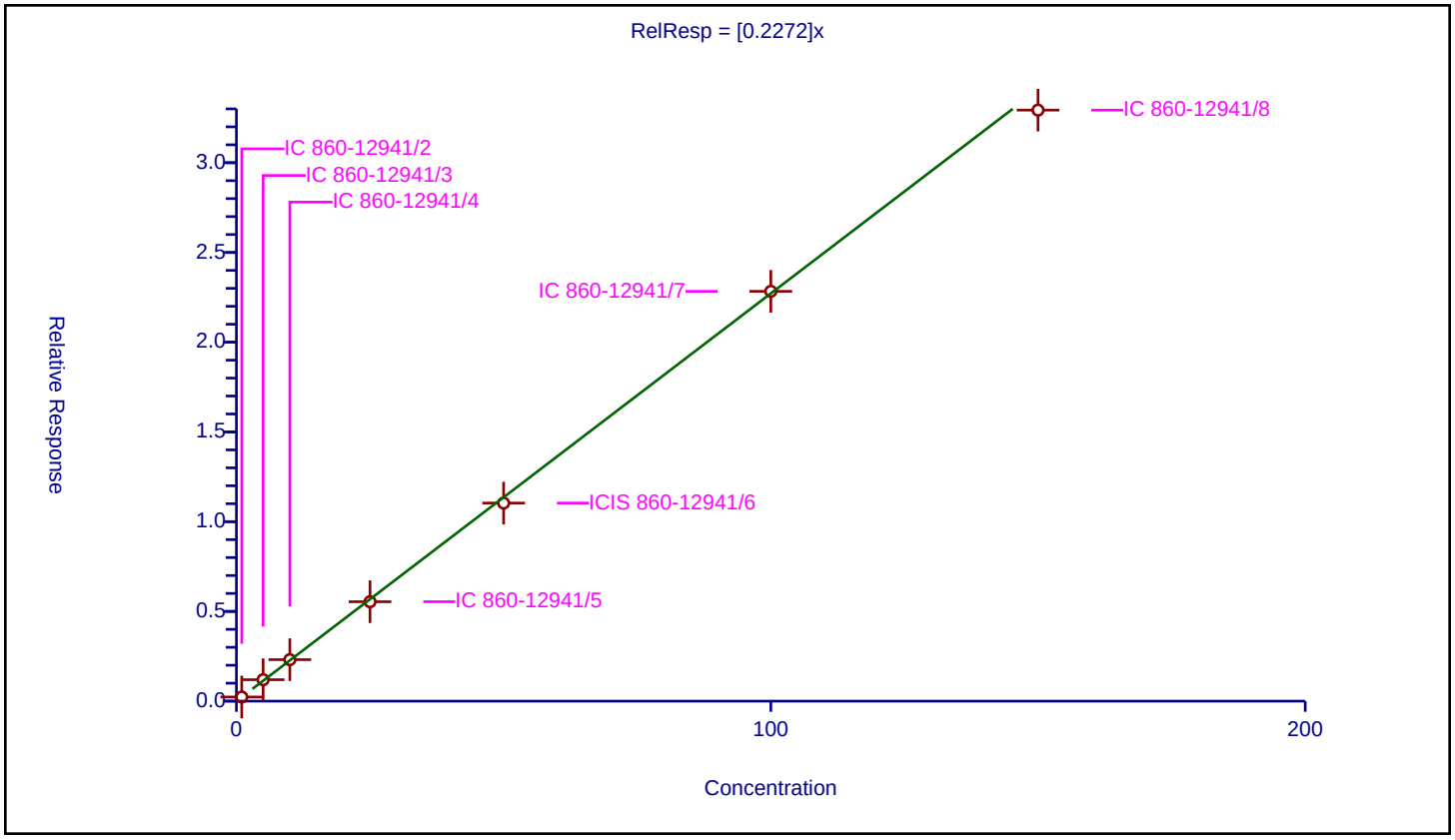
Curve Coefficients

Intercept:	0
Slope:	0.2272

Error Coefficients

Standard Error:	325000
Relative Standard Error:	3.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	0.229942	50.0	897836.0	0.229942	Y
2	IC 860-12941/3	5.0	1.194563	50.0	865756.0	0.238913	Y
3	IC 860-12941/4	10.0	2.311104	50.0	890938.0	0.23111	Y
4	IC 860-12941/5	25.0	5.539744	50.0	914257.0	0.22159	Y
5	ICIS 860-12941/6	50.0	11.035699	50.0	927866.0	0.220714	Y
6	IC 860-12941/7	100.0	22.834165	50.0	935436.0	0.228342	Y
7	IC 860-12941/8	150.0	32.931343	50.0	956408.0	0.219542	Y



Calibration / Methyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

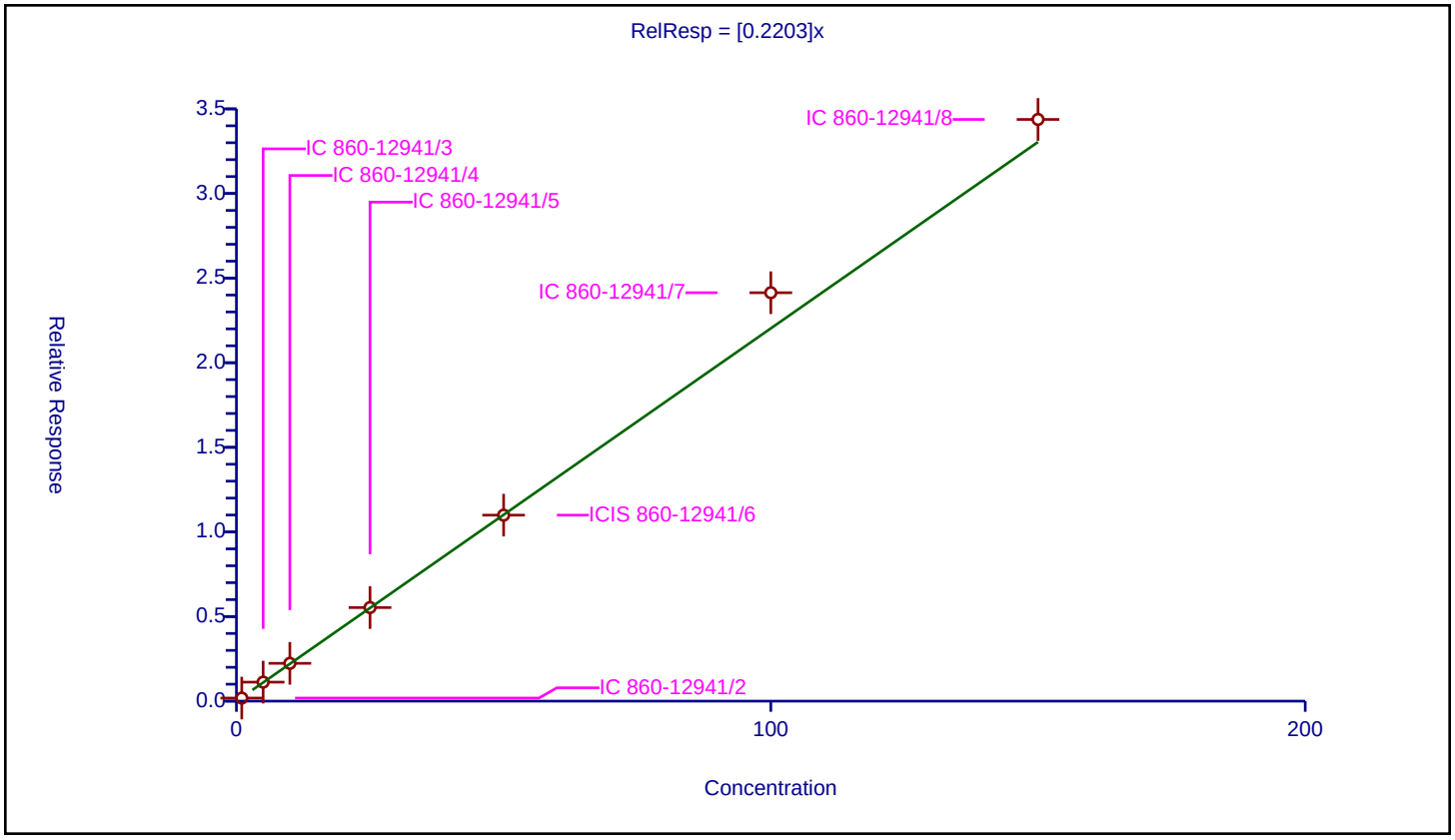
Curve Coefficients

Intercept:	0
Slope:	0.2203

Error Coefficients

Standard Error:	339000
Relative Standard Error:	8.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	0.182494	50.0	897836.0	0.182494	Y
2	IC 860-12941/3	5.0	1.122718	50.0	865756.0	0.224544	Y
3	IC 860-12941/4	10.0	2.233882	50.0	890938.0	0.223388	Y
4	IC 860-12941/5	25.0	5.530447	50.0	914257.0	0.221218	Y
5	ICIS 860-12941/6	50.0	10.991619	50.0	927866.0	0.219832	Y
6	IC 860-12941/7	100.0	24.136552	50.0	935436.0	0.241366	Y
7	IC 860-12941/8	150.0	34.376595	50.0	956408.0	0.229177	Y



Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

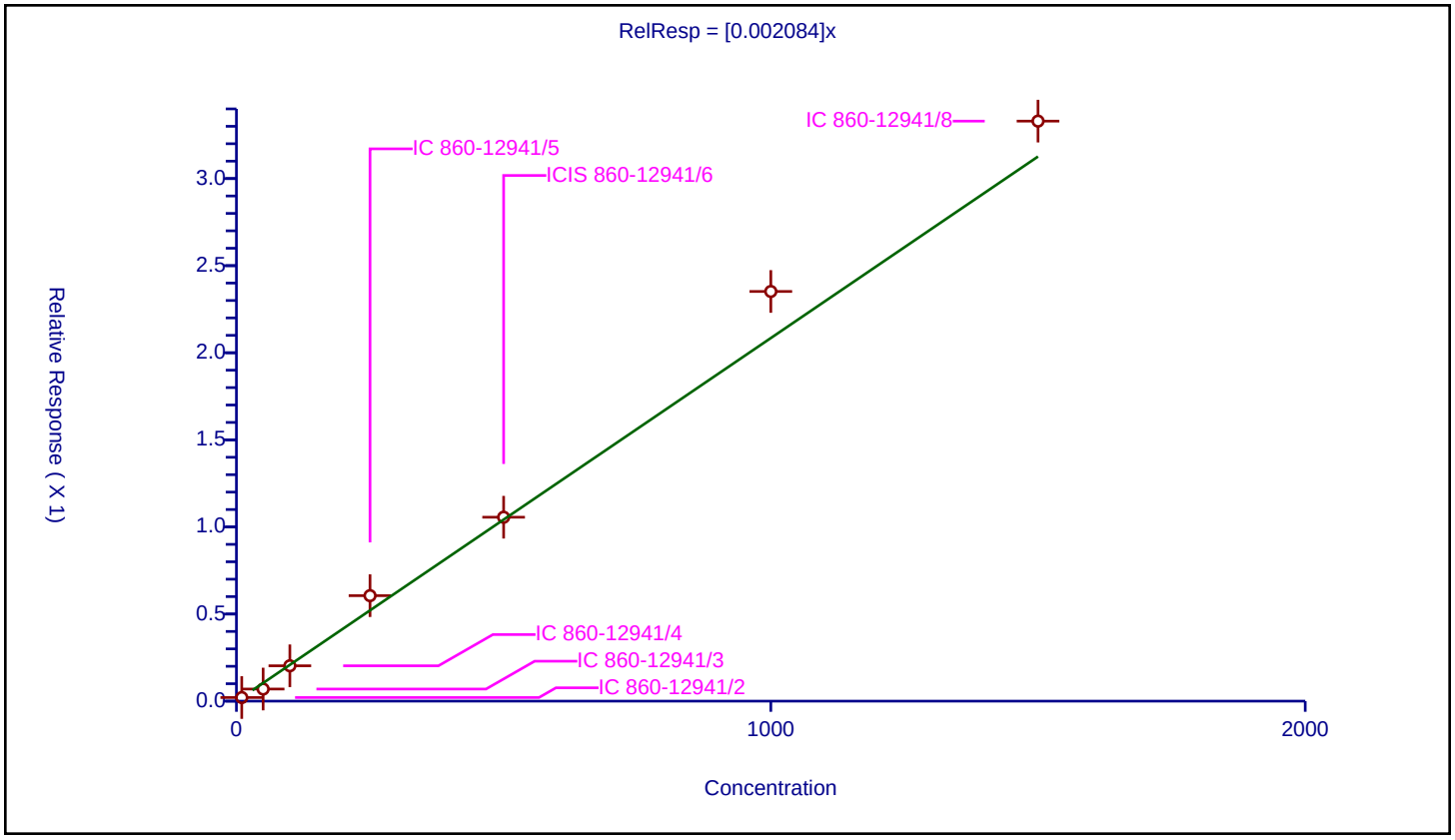
Curve Coefficients

Intercept:	0
Slope:	0.002084

Error Coefficients

Standard Error:	32900
Relative Standard Error:	16.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.971

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	10.0	0.020661	50.0	897836.0	0.002066	Y
2	IC 860-12941/3	50.0	0.069419	50.0	865756.0	0.001388	Y
3	IC 860-12941/4	100.0	0.203044	50.0	890938.0	0.00203	Y
4	IC 860-12941/5	250.0	0.605519	50.0	914257.0	0.002422	Y
5	ICIS 860-12941/6	500.0	1.05581	50.0	927866.0	0.002112	Y
6	IC 860-12941/7	1000.0	2.351844	50.0	935436.0	0.002352	Y
7	IC 860-12941/8	1500.0	3.329855	50.0	956408.0	0.00222	Y



Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

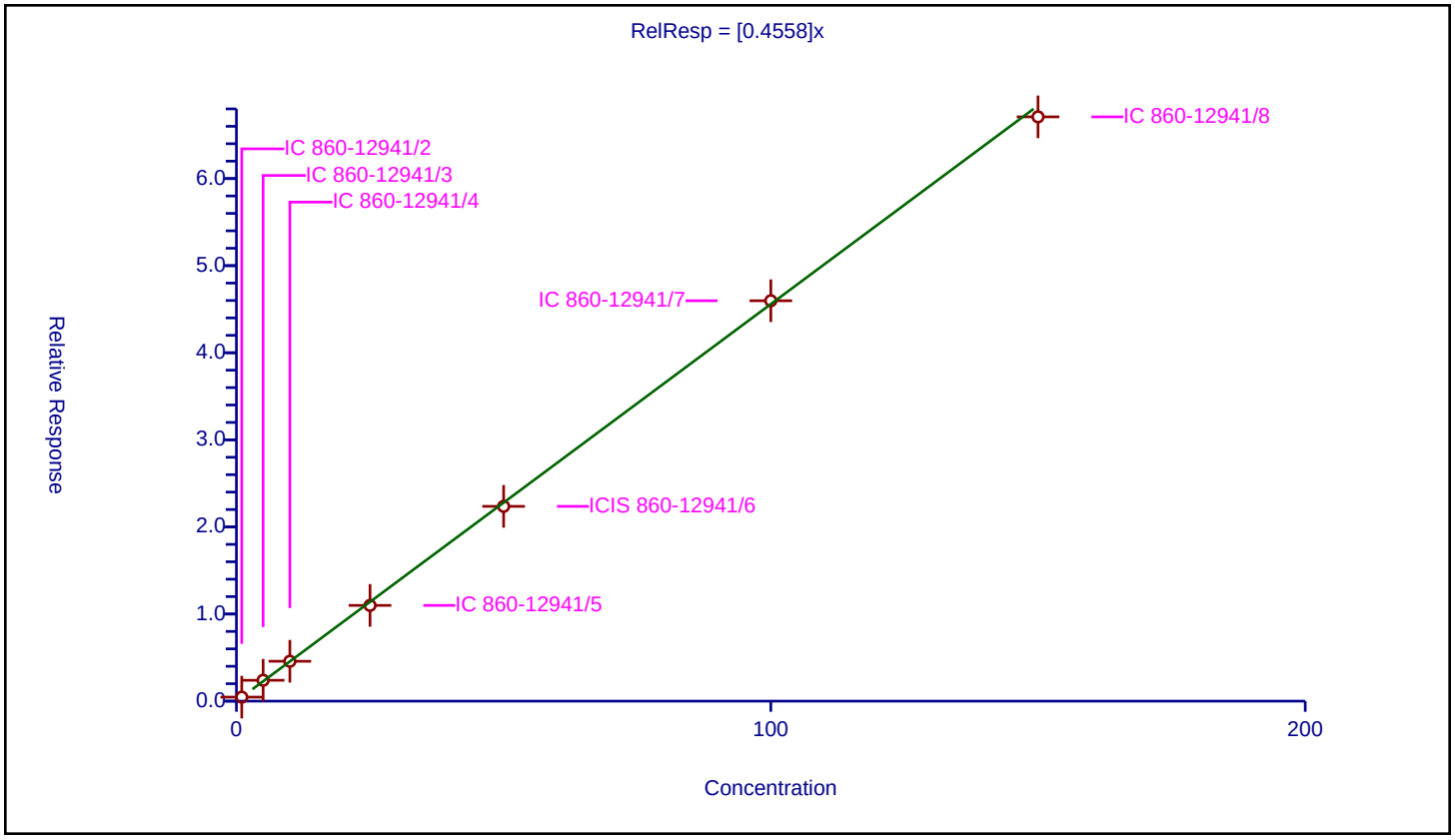
Curve Coefficients

Intercept:	0
Slope:	0.4558

Error Coefficients

Standard Error:	659000
Relative Standard Error:	2.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	0.459884	50.0	897836.0	0.459884	Y
2	IC 860-12941/3	5.0	2.396518	50.0	865756.0	0.479304	Y
3	IC 860-12941/4	10.0	4.578545	50.0	890938.0	0.457855	Y
4	IC 860-12941/5	25.0	10.991166	50.0	914257.0	0.439647	Y
5	ICIS 860-12941/6	50.0	22.363951	50.0	927866.0	0.447279	Y
6	IC 860-12941/7	100.0	45.971825	50.0	935436.0	0.459718	Y
7	IC 860-12941/8	150.0	67.085648	50.0	956408.0	0.447238	Y



Calibration / 2-Chloroethyl vinyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

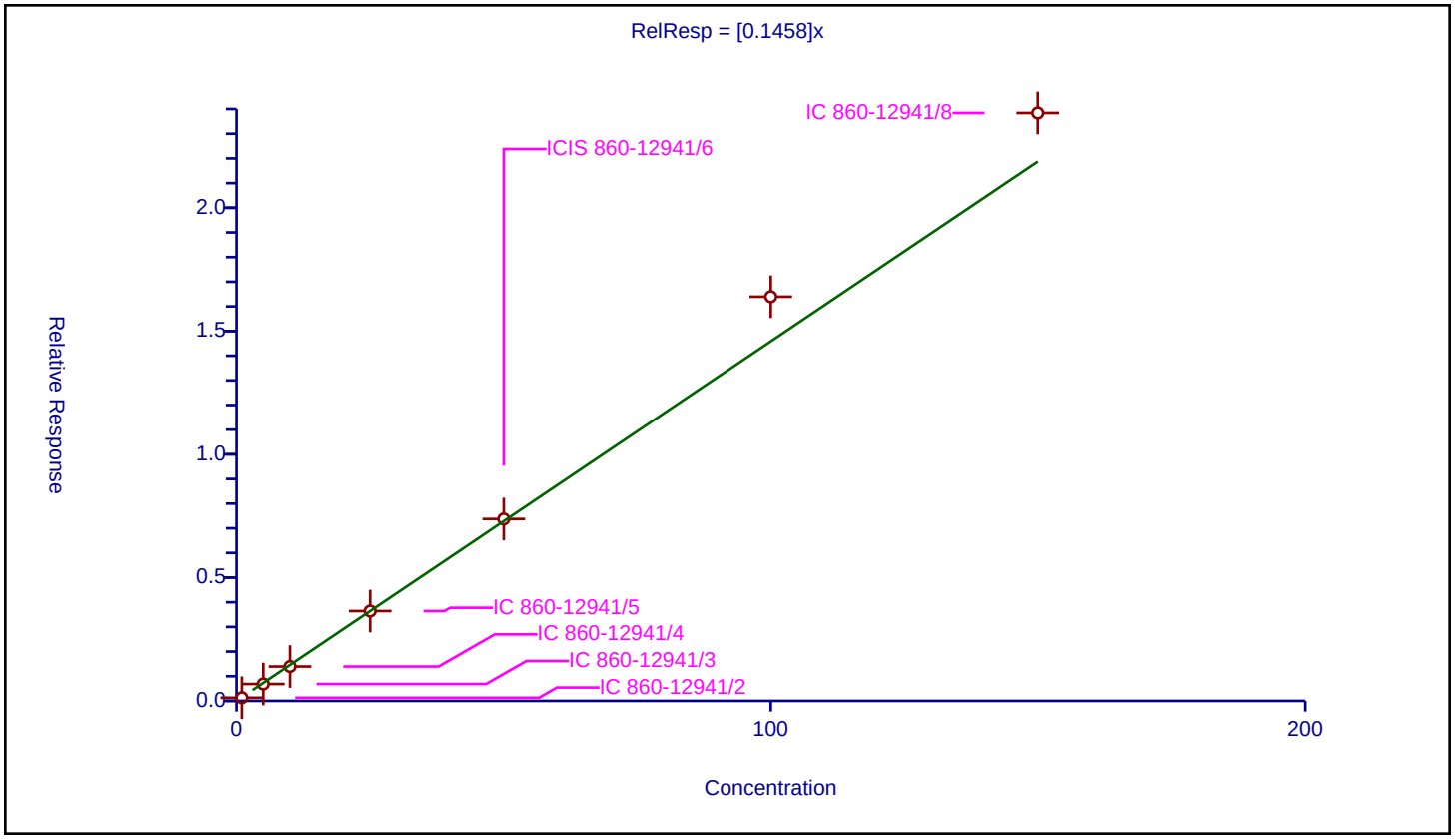
Curve Coefficients

Intercept:	0
Slope:	0.1458

Error Coefficients

Standard Error:	233000
Relative Standard Error:	8.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	0.128364	50.0	897836.0	0.128364	Y
2	IC 860-12941/3	5.0	0.684315	50.0	865756.0	0.136863	Y
3	IC 860-12941/4	10.0	1.393475	50.0	890938.0	0.139348	Y
4	IC 860-12941/5	25.0	3.644325	50.0	914257.0	0.145773	Y
5	ICIS 860-12941/6	50.0	7.377197	50.0	927866.0	0.147544	Y
6	IC 860-12941/7	100.0	16.392891	50.0	935436.0	0.163929	Y
7	IC 860-12941/8	150.0	23.838676	50.0	956408.0	0.158925	Y



Calibration / cis-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

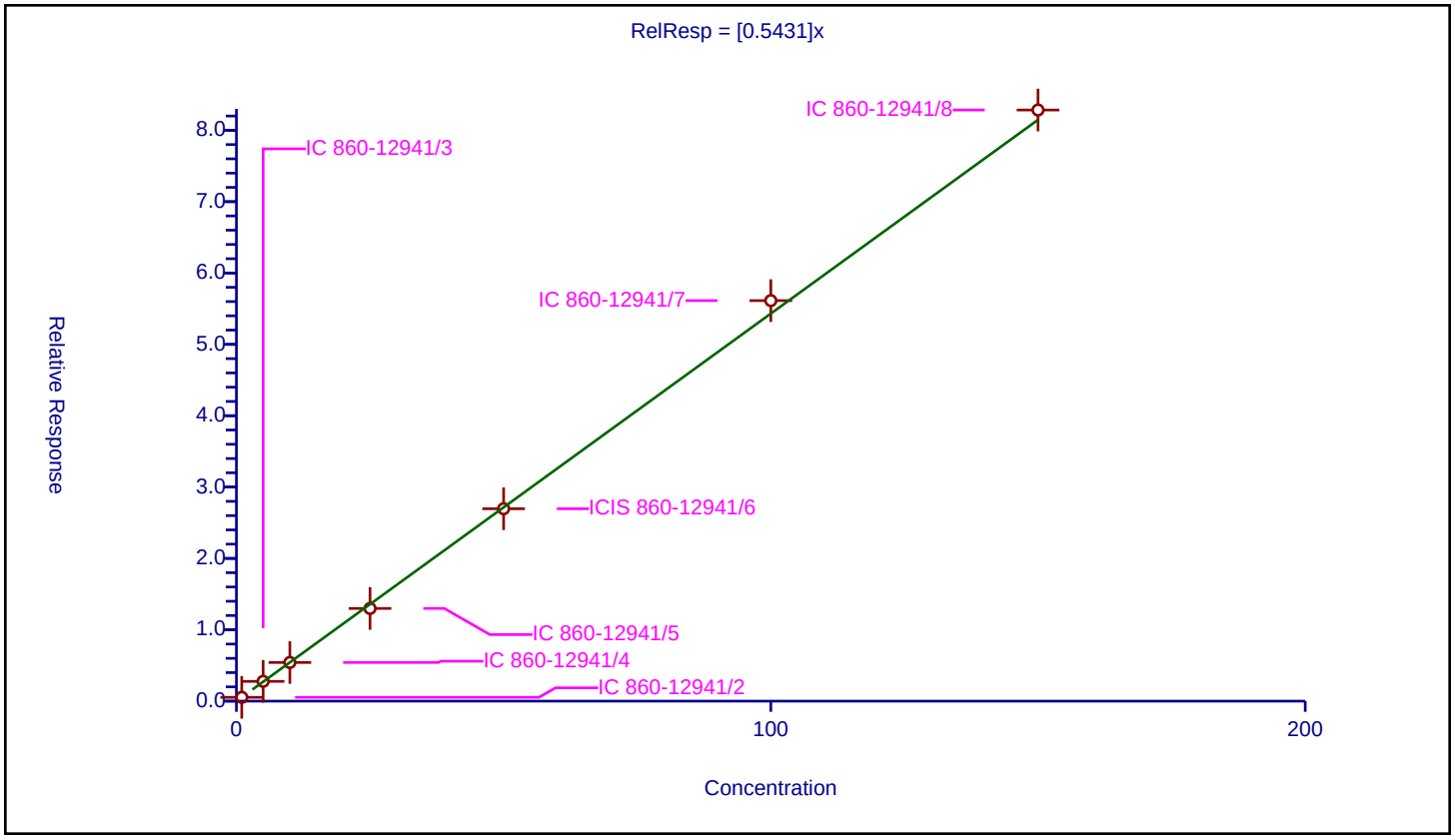
Curve Coefficients

Intercept:	0
Slope:	0.5431

Error Coefficients

Standard Error:	810000
Relative Standard Error:	2.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	0.533227	50.0	897836.0	0.533227	Y
2	IC 860-12941/3	5.0	2.772028	50.0	865756.0	0.554406	Y
3	IC 860-12941/4	10.0	5.417324	50.0	890938.0	0.541732	Y
4	IC 860-12941/5	25.0	12.99126	50.0	914257.0	0.51965	Y
5	ICIS 860-12941/6	50.0	26.963484	50.0	927866.0	0.53927	Y
6	IC 860-12941/7	100.0	56.131259	50.0	935436.0	0.561313	Y
7	IC 860-12941/8	150.0	82.843776	50.0	956408.0	0.552292	Y



Calibration / 4-Methyl-2-pentanone (MIBK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

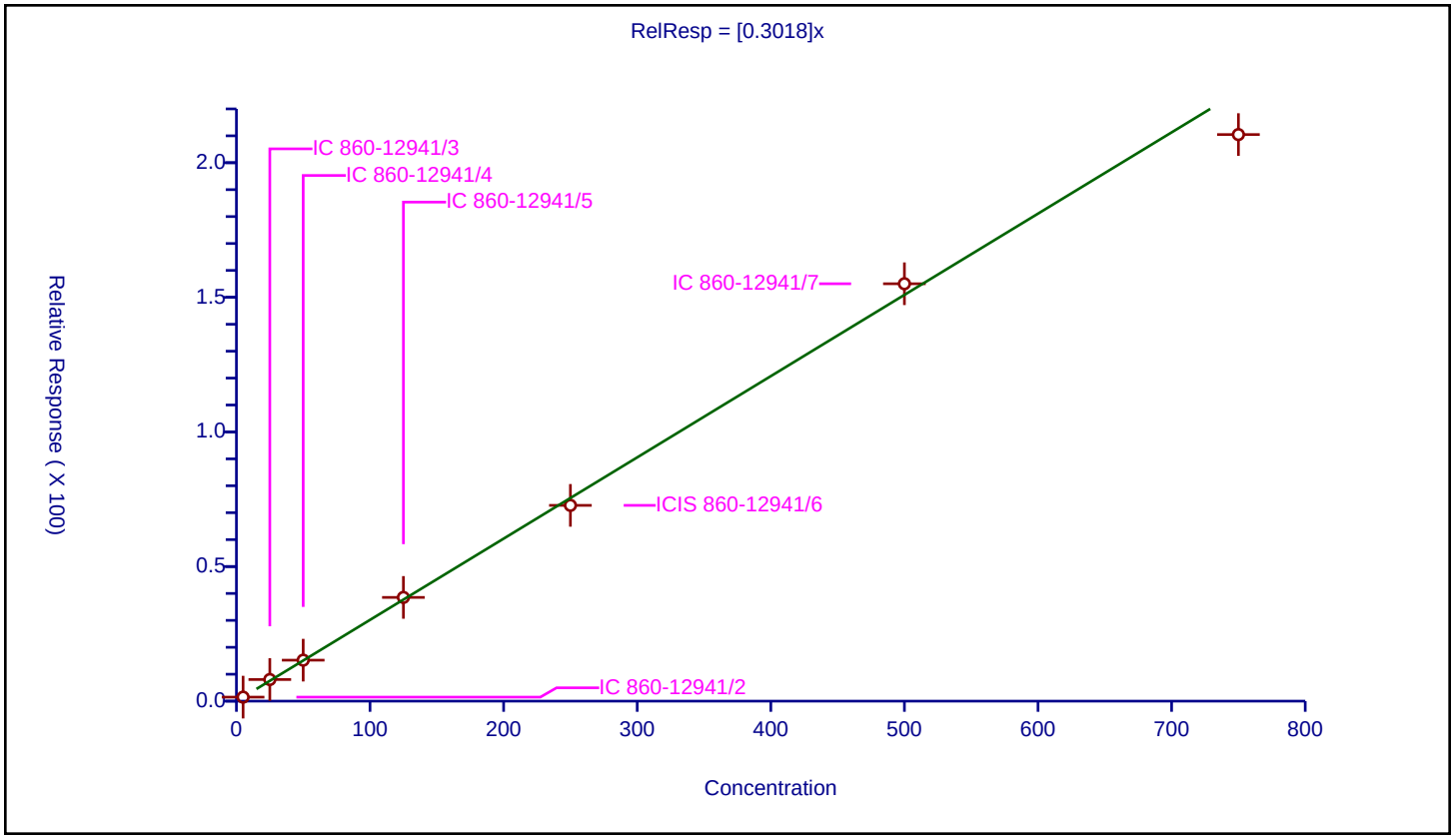
Curve Coefficients

Intercept:	0
Slope:	0.3018

Error Coefficients

Standard Error:	2120000
Relative Standard Error:	4.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	5.0	1.486574	50.0	897836.0	0.297315	Y
2	IC 860-12941/3	25.0	8.026107	50.0	865756.0	0.321044	Y
3	IC 860-12941/4	50.0	15.224123	50.0	890938.0	0.304482	Y
4	IC 860-12941/5	125.0	38.530468	50.0	914257.0	0.308244	Y
5	ICIS 860-12941/6	250.0	72.725426	50.0	927866.0	0.290902	Y
6	IC 860-12941/7	500.0	155.052083	50.0	935436.0	0.310104	Y
7	IC 860-12941/8	750.0	210.460389	50.0	956408.0	0.280614	Y



Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

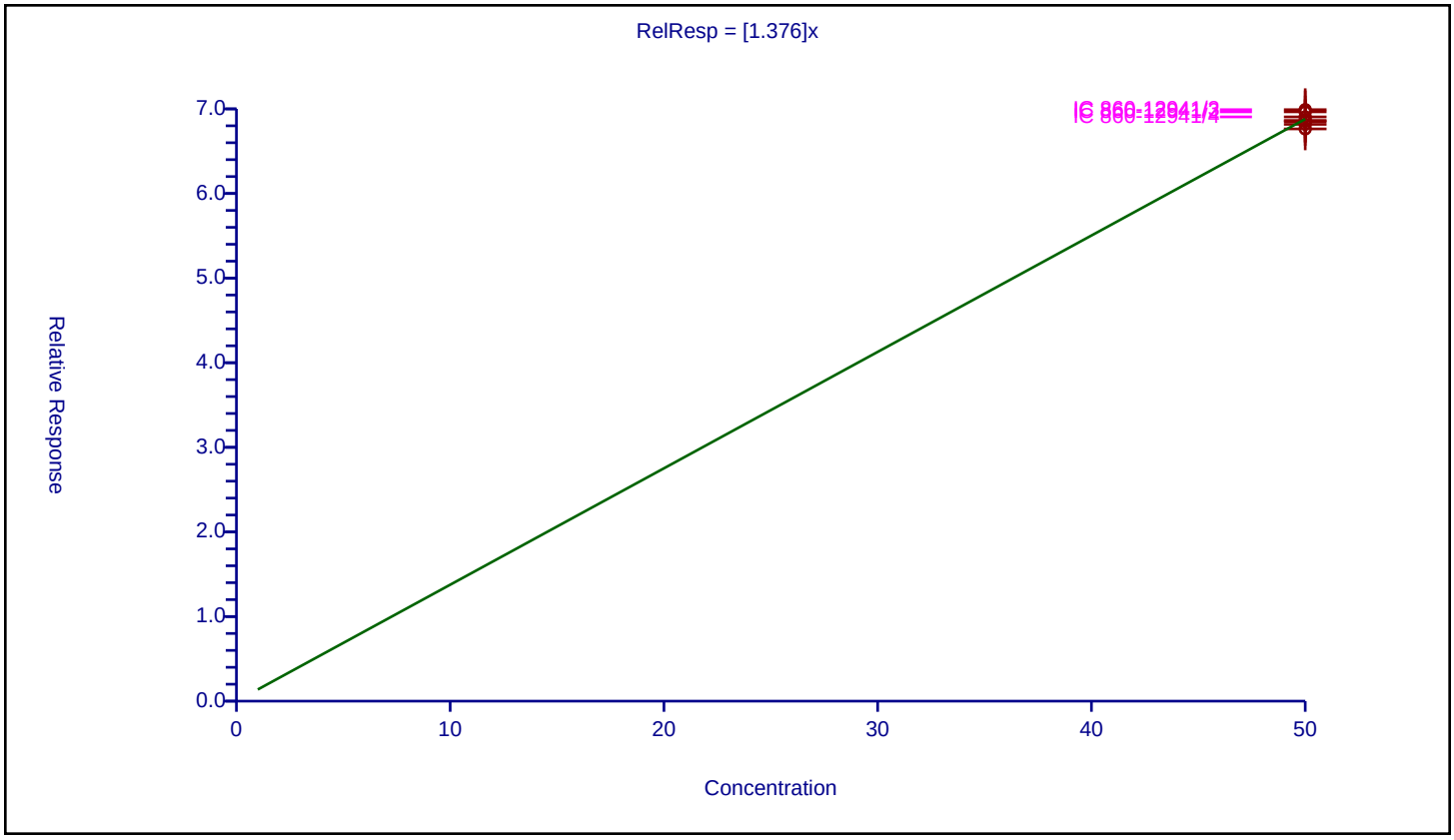
Curve Coefficients

Intercept:	0
Slope:	1.376

Error Coefficients

Standard Error:	1200000
Relative Standard Error:	1.2
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	50.0	69.651908	50.0	774795.0	1.393038	Y
2	IC 860-12941/3	50.0	69.909465	50.0	756836.0	1.398189	Y
3	IC 860-12941/4	50.0	69.052564	50.0	791114.0	1.381051	Y
4	IC 860-12941/5	50.0	68.508312	50.0	813783.0	1.370166	Y
5	ICIS 860-12941/6	50.0	68.633915	50.0	820037.0	1.372678	Y
6	IC 860-12941/7	50.0	68.172475	50.0	837269.0	1.36345	Y
7	IC 860-12941/8	50.0	67.633677	50.0	857643.0	1.352674	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

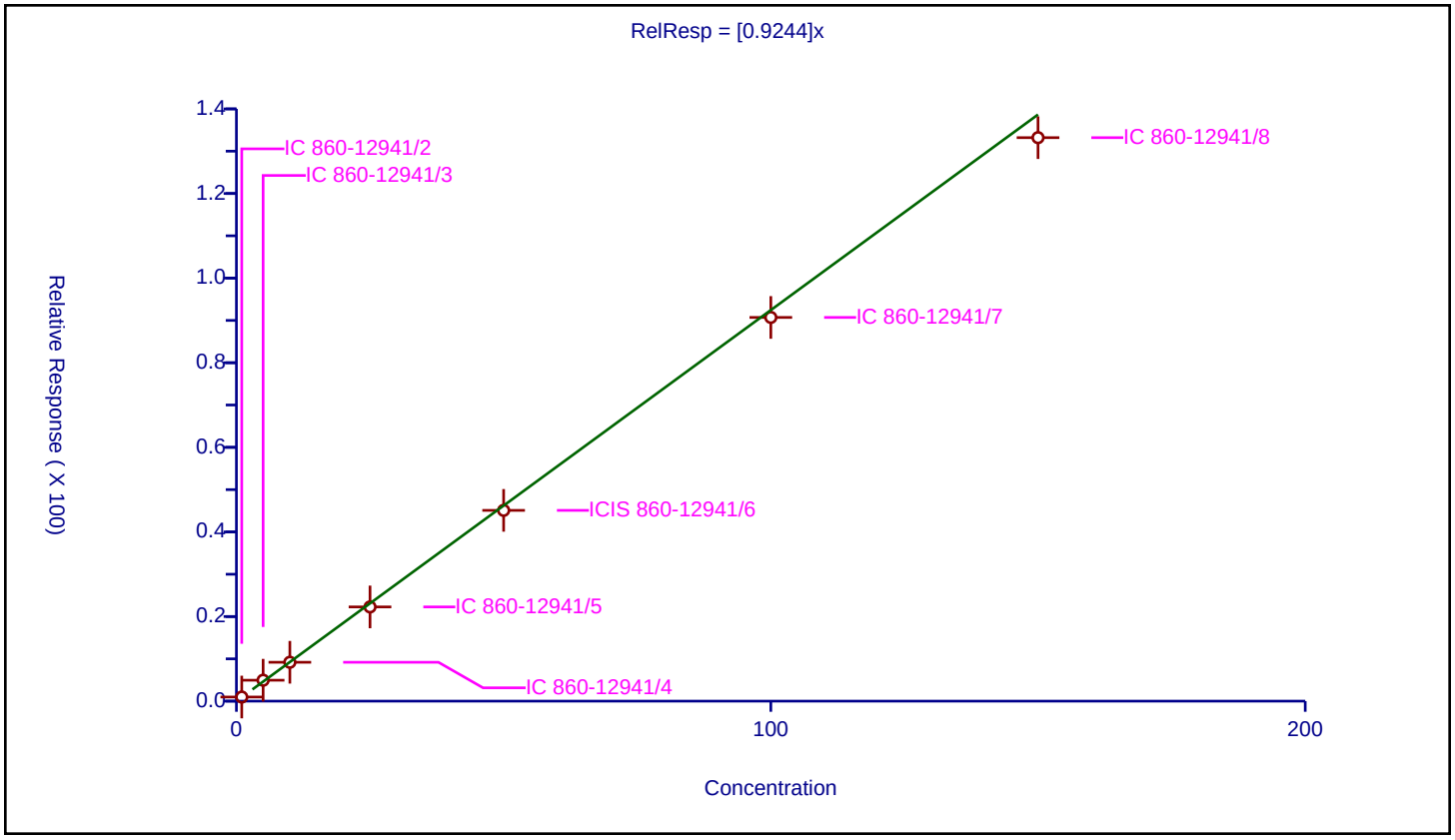
Curve Coefficients

Intercept:	0
Slope:	0.9244

Error Coefficients

Standard Error:	1170000
Relative Standard Error:	4.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	0.974645	50.0	774795.0	0.974645	Y
2	IC 860-12941/3	5.0	4.946844	50.0	756836.0	0.989369	Y
3	IC 860-12941/4	10.0	9.188562	50.0	791114.0	0.918856	Y
4	IC 860-12941/5	25.0	22.271355	50.0	813783.0	0.890854	Y
5	ICIS 860-12941/6	50.0	45.097233	50.0	820037.0	0.901945	Y
6	IC 860-12941/7	100.0	90.70466	50.0	837269.0	0.907047	Y
7	IC 860-12941/8	150.0	133.199012	50.0	857643.0	0.887993	Y



Calibration / trans-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

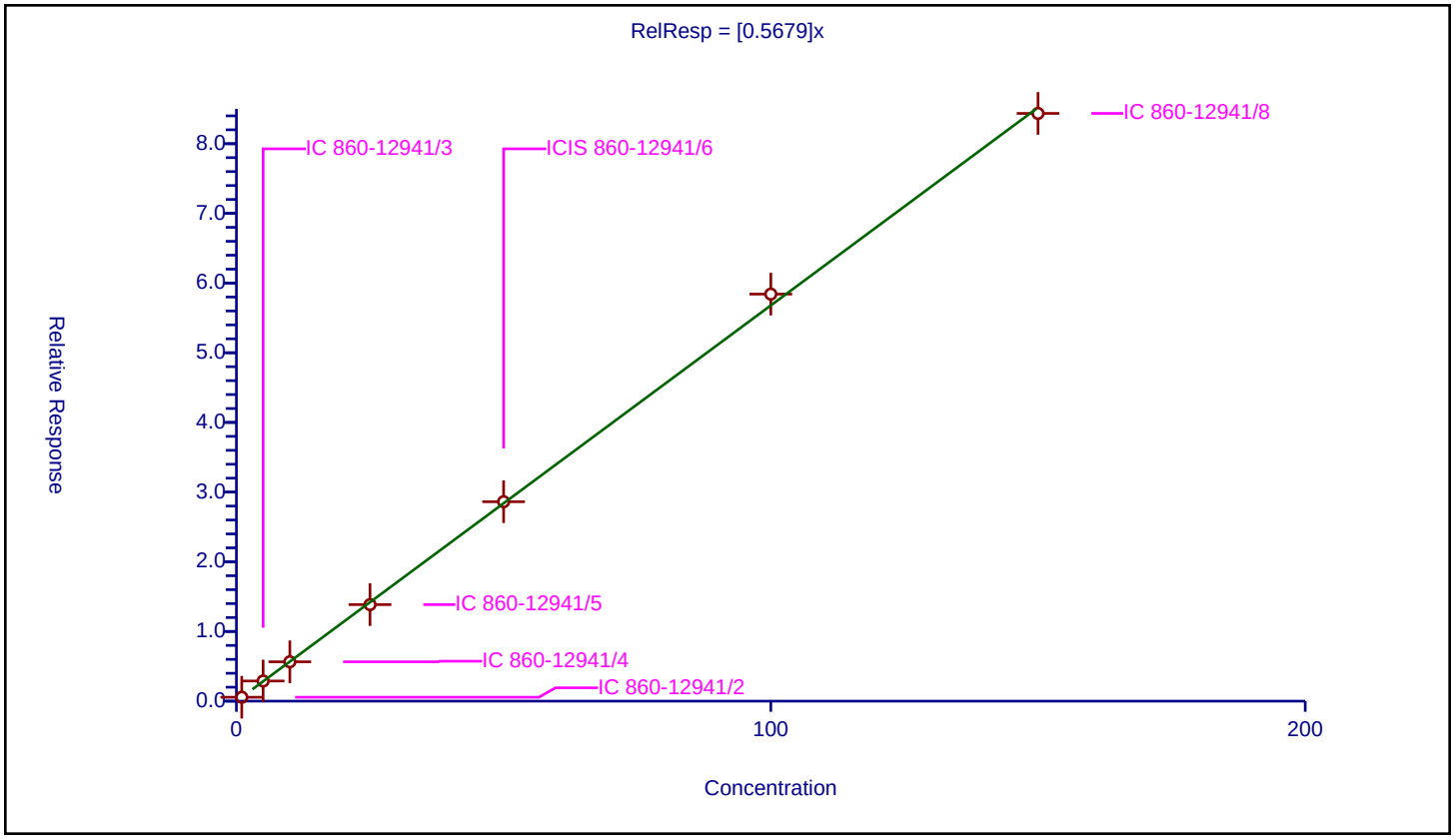
Curve Coefficients

Intercept:	0
Slope:	0.5679

Error Coefficients

Standard Error:	745000
Relative Standard Error:	1.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	0.559245	50.0	774795.0	0.559245	Y
2	IC 860-12941/3	5.0	2.890983	50.0	756836.0	0.578197	Y
3	IC 860-12941/4	10.0	5.649312	50.0	791114.0	0.564931	Y
4	IC 860-12941/5	25.0	13.856704	50.0	813783.0	0.554268	Y
5	ICIS 860-12941/6	50.0	28.621148	50.0	820037.0	0.572423	Y
6	IC 860-12941/7	100.0	58.419755	50.0	837269.0	0.584198	Y
7	IC 860-12941/8	150.0	84.35054	50.0	857643.0	0.562337	Y



Calibration / Ethyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

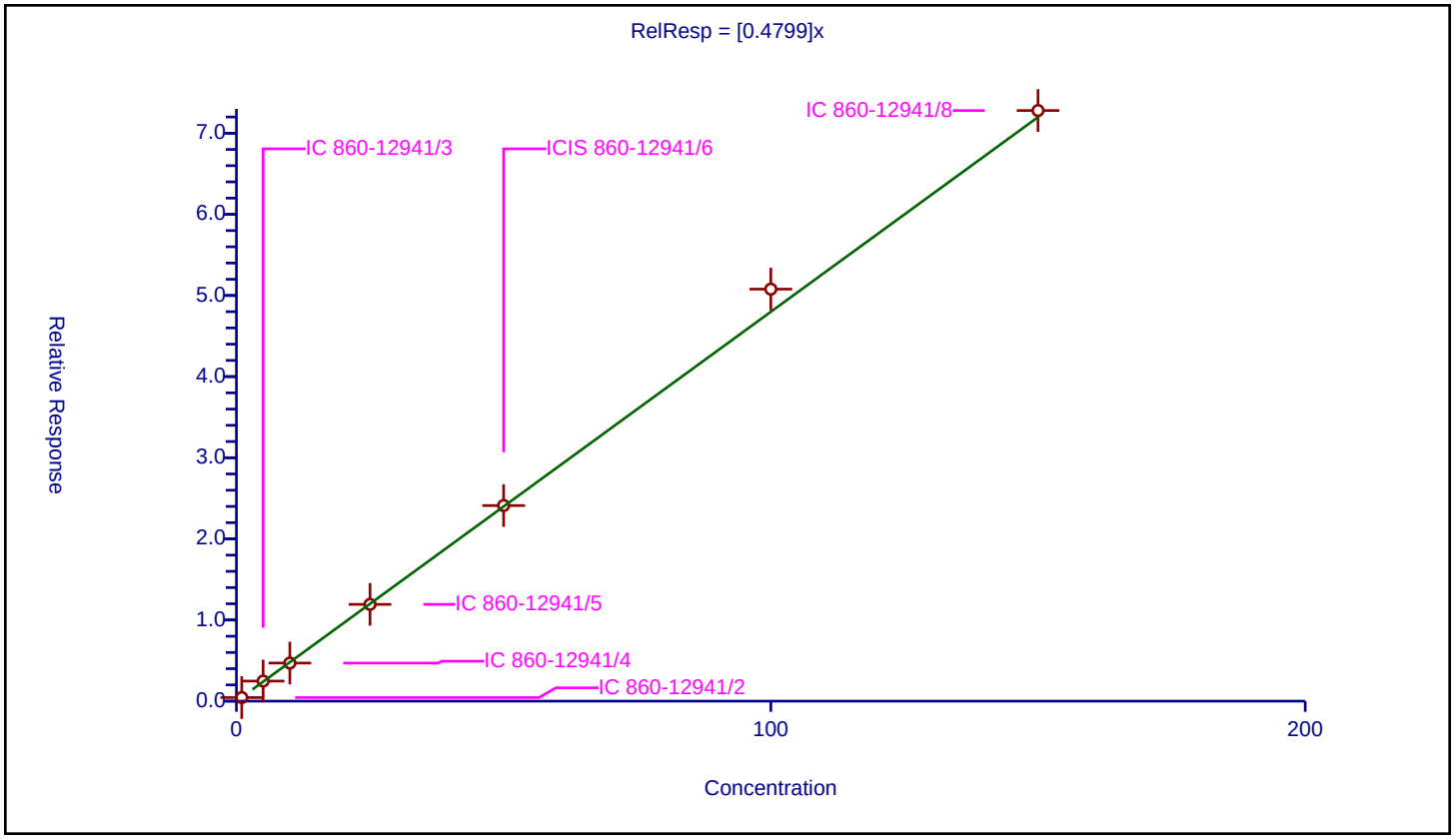
Curve Coefficients

Intercept:	0
Slope:	0.4799

Error Coefficients

Standard Error:	643000
Relative Standard Error:	4.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	0.442117	50.0	774795.0	0.442117	Y
2	IC 860-12941/3	5.0	2.474777	50.0	756836.0	0.494955	Y
3	IC 860-12941/4	10.0	4.697679	50.0	791114.0	0.469768	Y
4	IC 860-12941/5	25.0	11.928057	50.0	813783.0	0.477122	Y
5	ICIS 860-12941/6	50.0	24.107083	50.0	820037.0	0.482142	Y
6	IC 860-12941/7	100.0	50.78565	50.0	837269.0	0.507856	Y
7	IC 860-12941/8	150.0	72.796082	50.0	857643.0	0.485307	Y



Calibration / 1,1,2-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

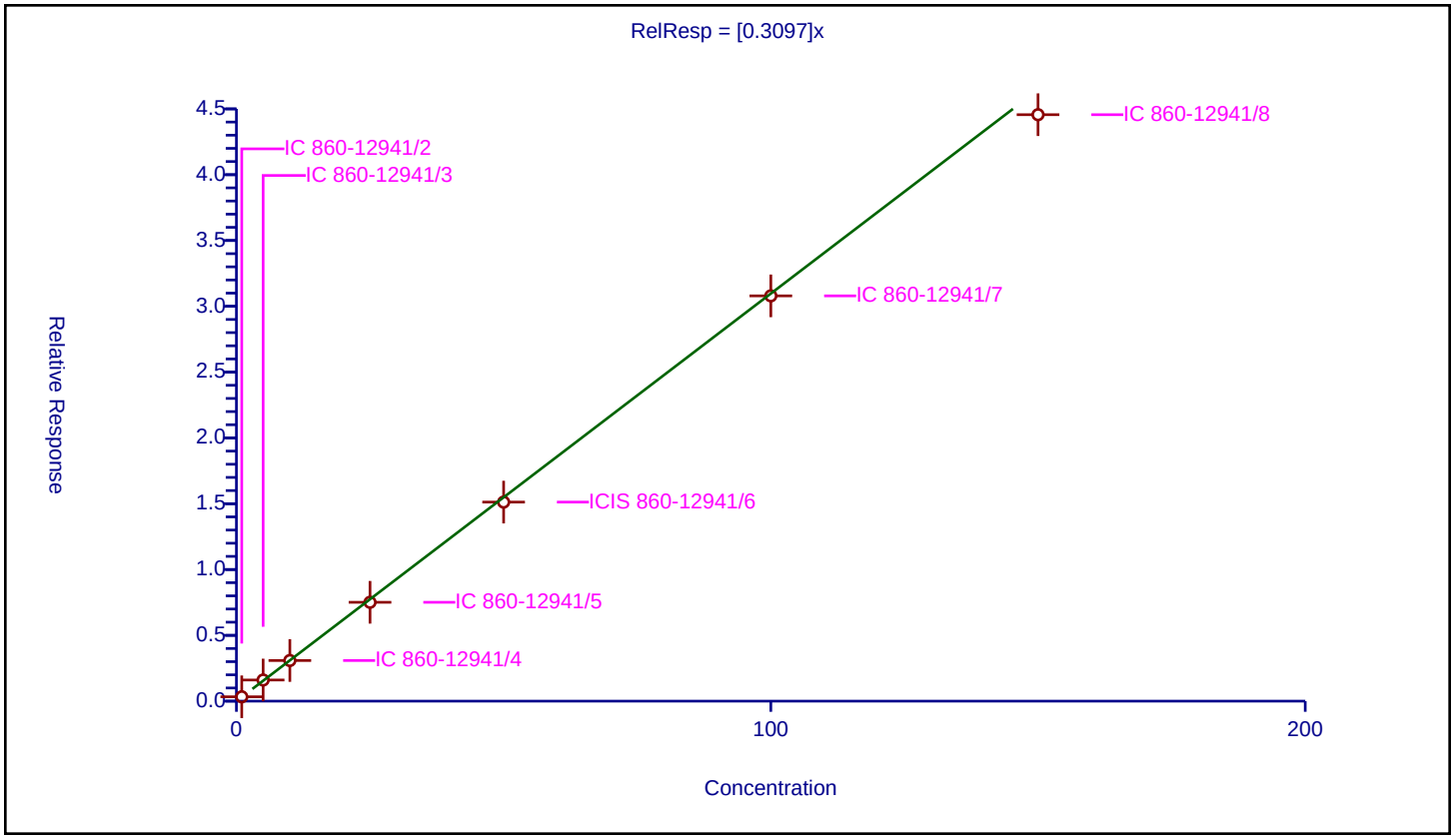
Curve Coefficients

Intercept:	0
Slope:	0.3097

Error Coefficients

Standard Error:	394000
Relative Standard Error:	3.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	0.329894	50.0	774795.0	0.329894	Y
2	IC 860-12941/3	5.0	1.6055	50.0	756836.0	0.3211	Y
3	IC 860-12941/4	10.0	3.087987	50.0	791114.0	0.308799	Y
4	IC 860-12941/5	25.0	7.510663	50.0	813783.0	0.300427	Y
5	ICIS 860-12941/6	50.0	15.123952	50.0	820037.0	0.302479	Y
6	IC 860-12941/7	100.0	30.794285	50.0	837269.0	0.307943	Y
7	IC 860-12941/8	150.0	44.558342	50.0	857643.0	0.297056	Y



Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

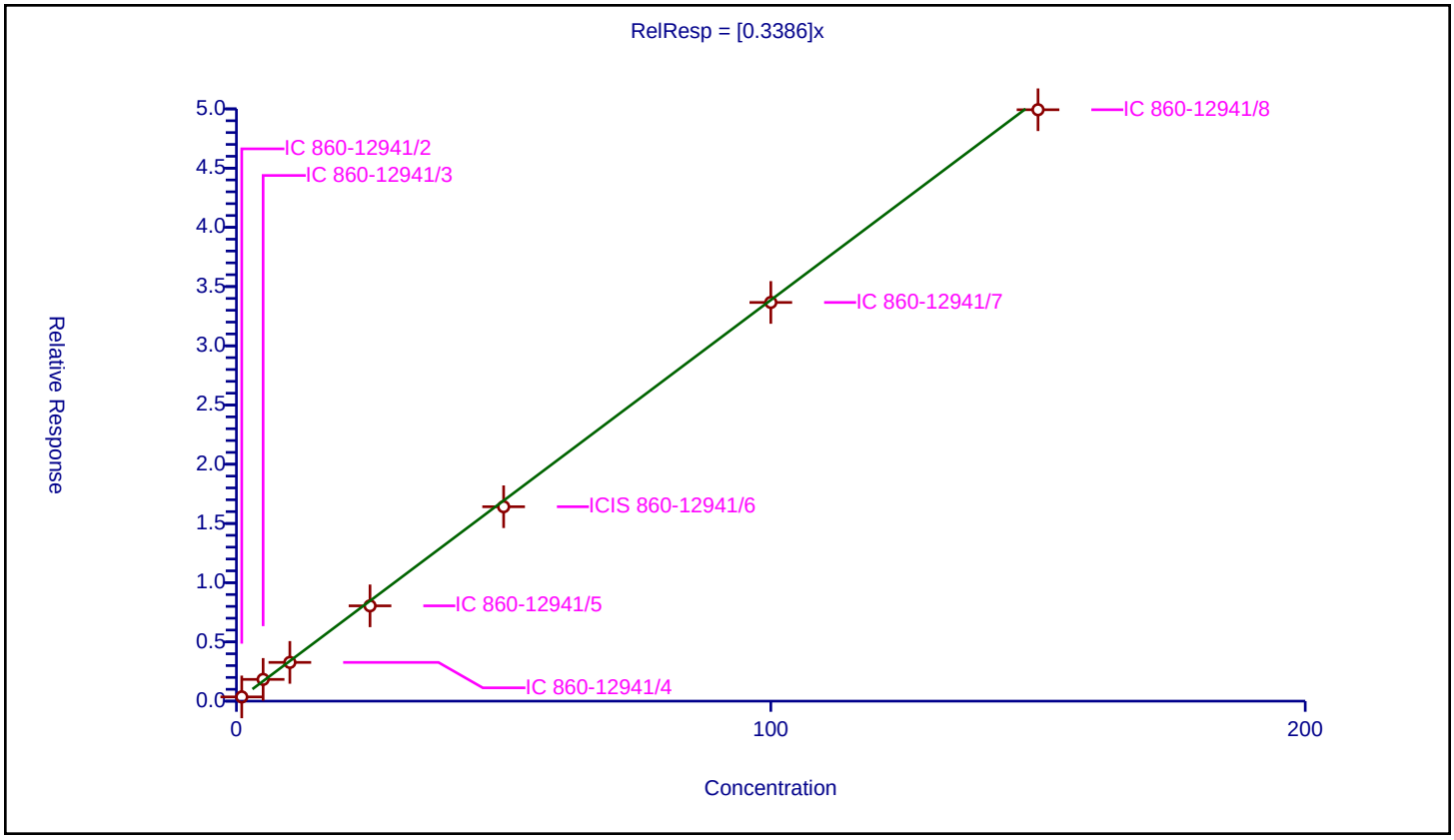
Curve Coefficients

Intercept:	0
Slope:	0.3386

Error Coefficients

Standard Error:	437000
Relative Standard Error:	5.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	0.35661	50.0	774795.0	0.35661	Y
2	IC 860-12941/3	5.0	1.835074	50.0	756836.0	0.367015	Y
3	IC 860-12941/4	10.0	3.270136	50.0	791114.0	0.327014	Y
4	IC 860-12941/5	25.0	8.046125	50.0	813783.0	0.321845	Y
5	ICIS 860-12941/6	50.0	16.413101	50.0	820037.0	0.328262	Y
6	IC 860-12941/7	100.0	33.660389	50.0	837269.0	0.336604	Y
7	IC 860-12941/8	150.0	49.928817	50.0	857643.0	0.332859	Y



Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

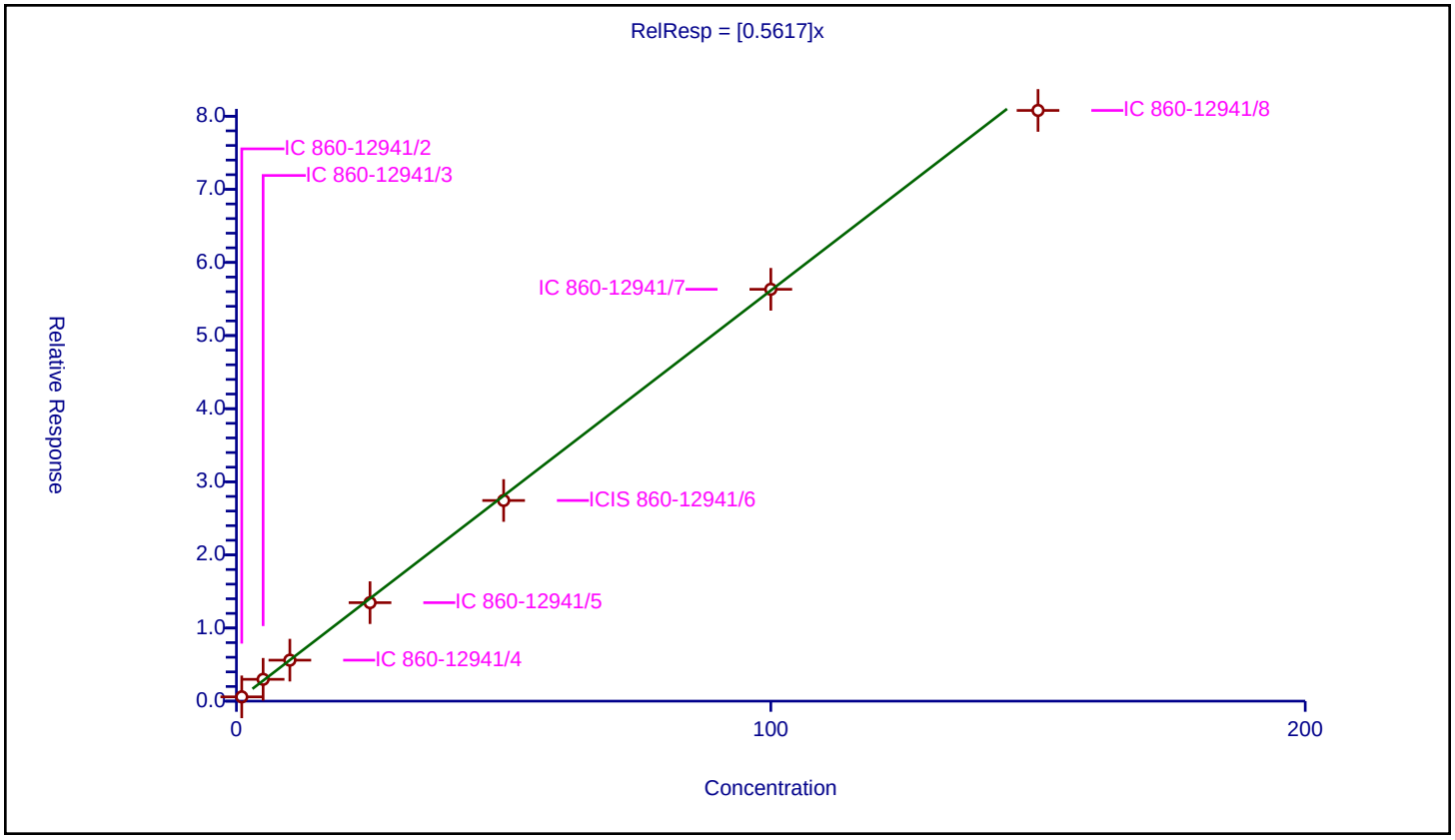
Curve Coefficients

Intercept:	0
Slope:	0.5617

Error Coefficients

Standard Error:	715000
Relative Standard Error:	4.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	0.584993	50.0	774795.0	0.584993	Y
2	IC 860-12941/3	5.0	2.984795	50.0	756836.0	0.596959	Y
3	IC 860-12941/4	10.0	5.603554	50.0	791114.0	0.560355	Y
4	IC 860-12941/5	25.0	13.469131	50.0	813783.0	0.538765	Y
5	ICIS 860-12941/6	50.0	27.440408	50.0	820037.0	0.548808	Y
6	IC 860-12941/7	100.0	56.328492	50.0	837269.0	0.563285	Y
7	IC 860-12941/8	150.0	80.789792	50.0	857643.0	0.538599	Y



Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

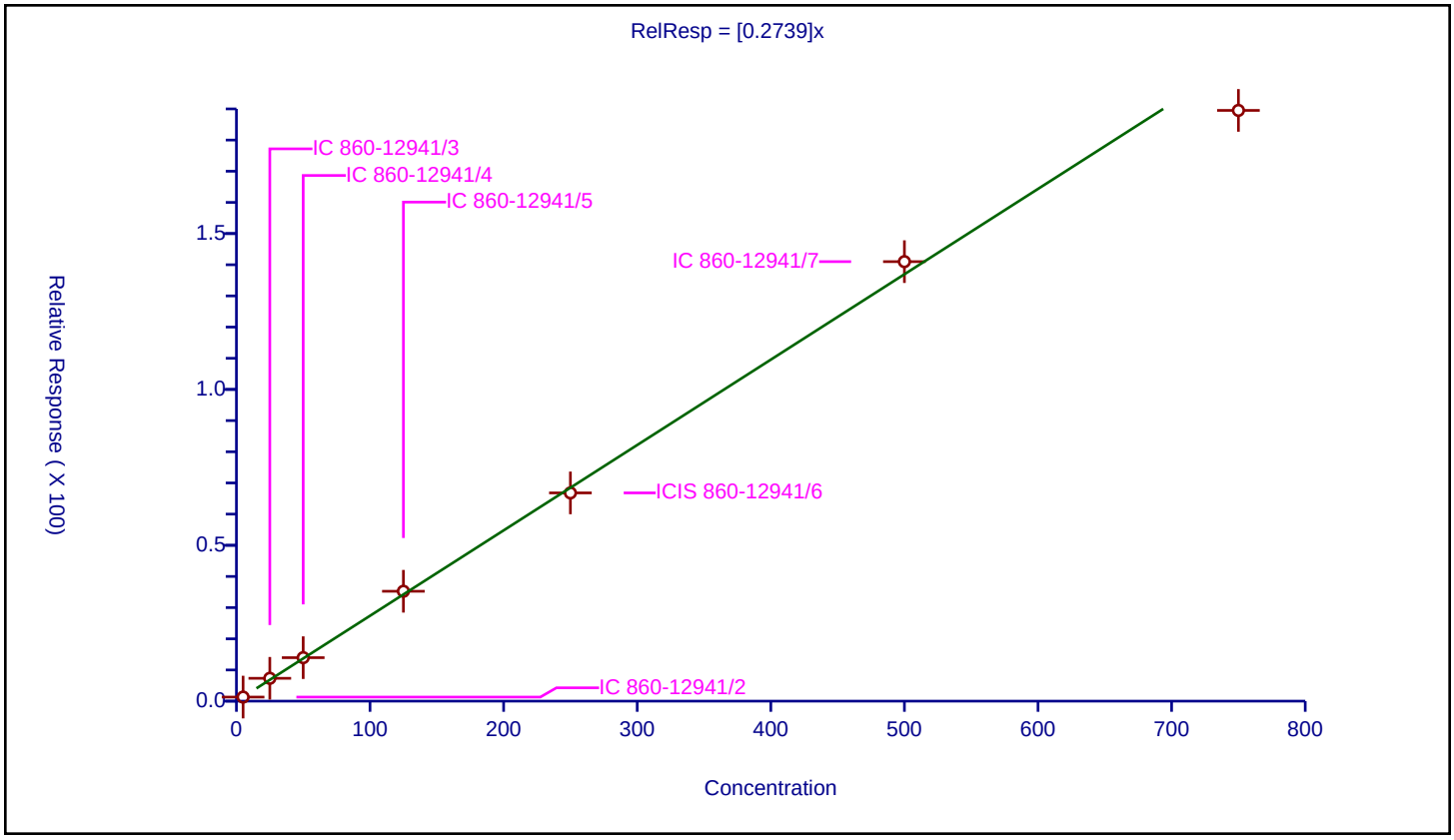
Curve Coefficients

Intercept:	0
Slope:	0.2739

Error Coefficients

Standard Error:	1720000
Relative Standard Error:	5.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	5.0	1.306475	50.0	774795.0	0.261295	Y
2	IC 860-12941/3	25.0	7.323846	50.0	756836.0	0.292954	Y
3	IC 860-12941/4	50.0	13.949191	50.0	791114.0	0.278984	Y
4	IC 860-12941/5	125.0	35.254484	50.0	813783.0	0.282036	Y
5	ICIS 860-12941/6	250.0	66.803937	50.0	820037.0	0.267216	Y
6	IC 860-12941/7	500.0	140.995487	50.0	837269.0	0.281991	Y
7	IC 860-12941/8	750.0	189.51516	50.0	857643.0	0.252687	Y



Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

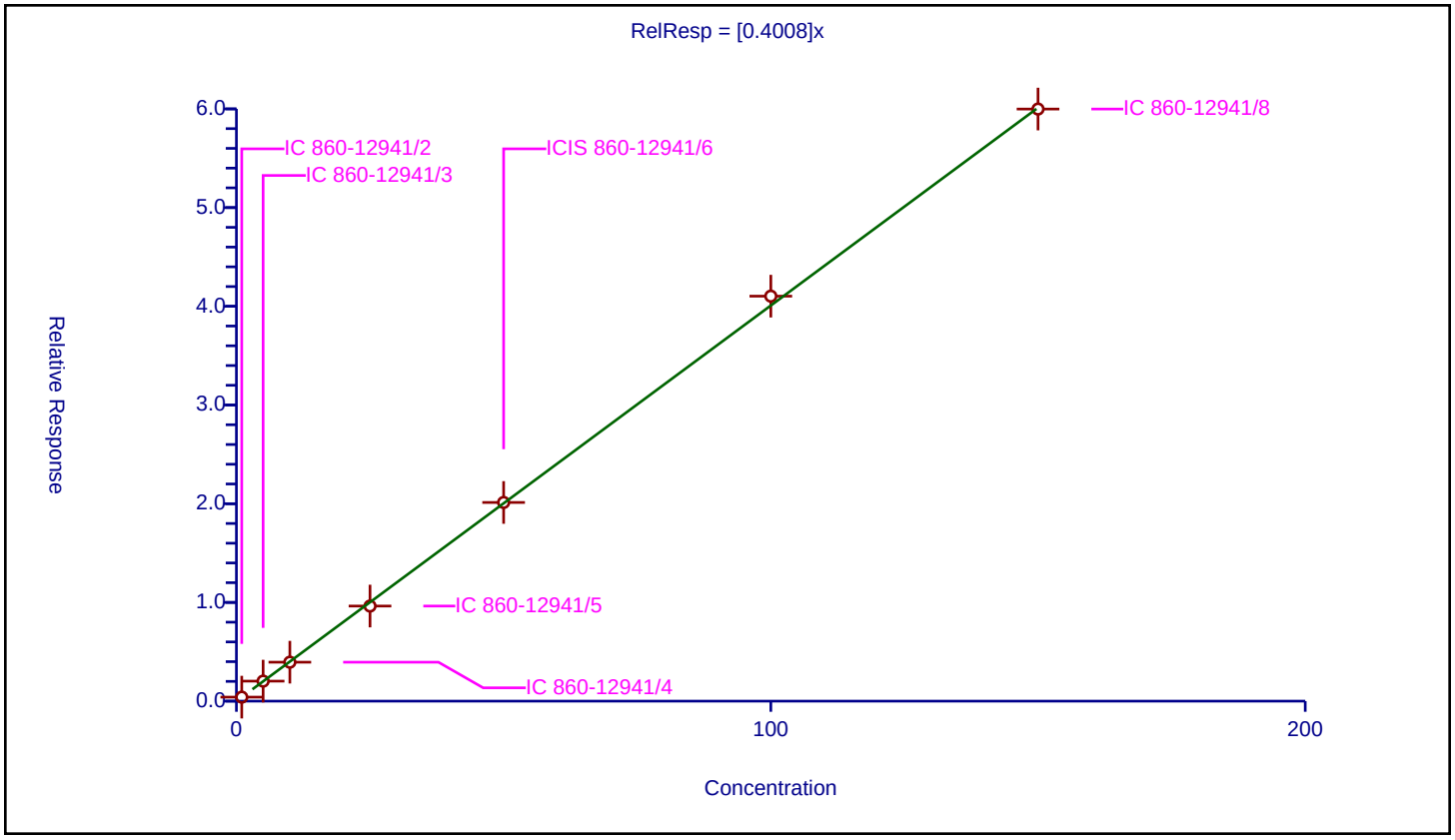
Curve Coefficients

Intercept:	0
Slope:	0.4008

Error Coefficients

Standard Error:	527000
Relative Standard Error:	2.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	0.407269	50.0	774795.0	0.407269	Y
2	IC 860-12941/3	5.0	2.028313	50.0	756836.0	0.405663	Y
3	IC 860-12941/4	10.0	3.946207	50.0	791114.0	0.394621	Y
4	IC 860-12941/5	25.0	9.632912	50.0	813783.0	0.385316	Y
5	ICIS 860-12941/6	50.0	20.127141	50.0	820037.0	0.402543	Y
6	IC 860-12941/7	100.0	41.028212	50.0	837269.0	0.410282	Y
7	IC 860-12941/8	150.0	59.98265	50.0	857643.0	0.399884	Y



Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

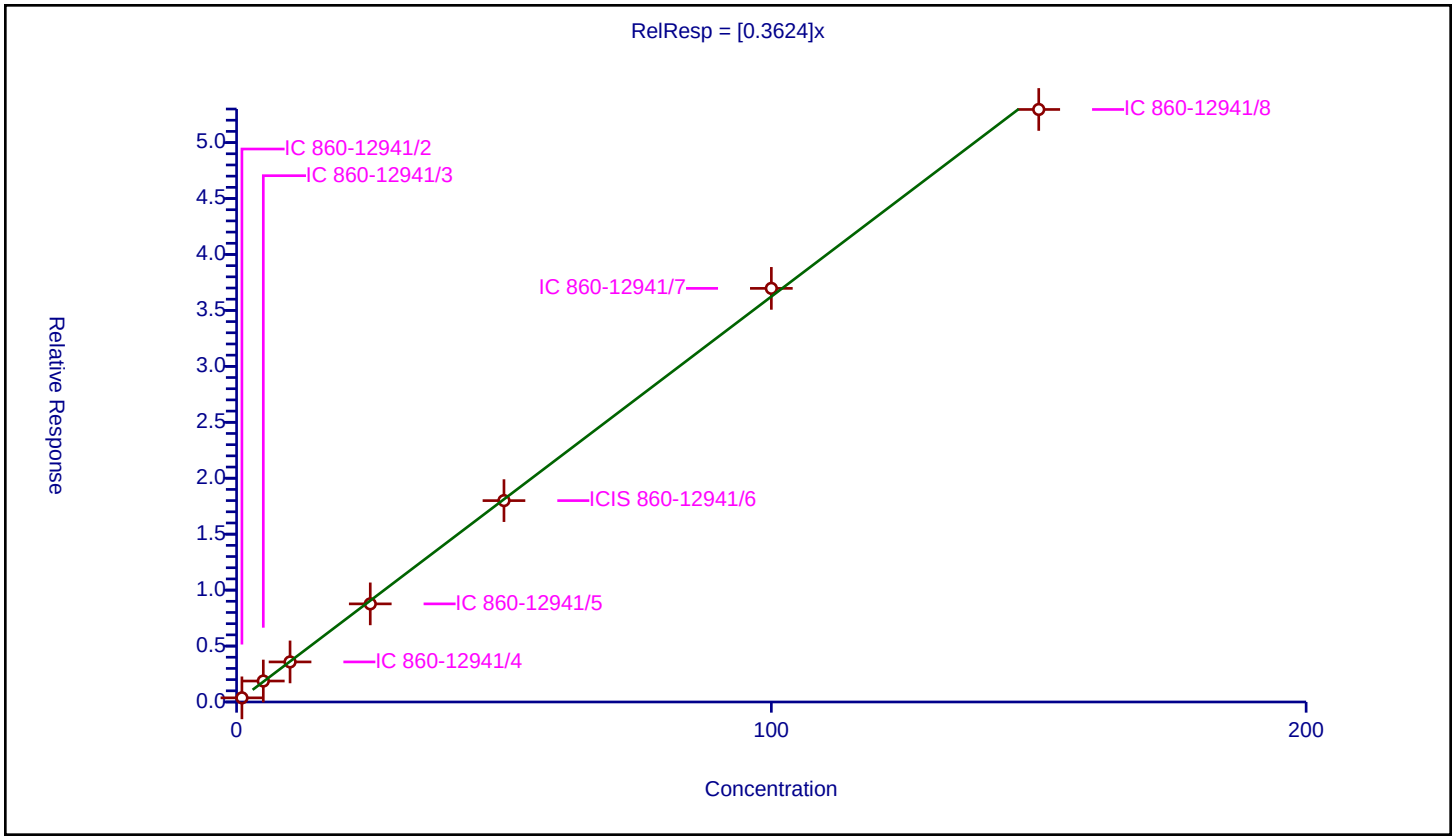
Curve Coefficients

Intercept:	0
Slope:	0.3624

Error Coefficients

Standard Error:	469000
Relative Standard Error:	2.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	0.370162	50.0	774795.0	0.370162	Y
2	IC 860-12941/3	5.0	1.874316	50.0	756836.0	0.374863	Y
3	IC 860-12941/4	10.0	3.580773	50.0	791114.0	0.358077	Y
4	IC 860-12941/5	25.0	8.768861	50.0	813783.0	0.350754	Y
5	ICIS 860-12941/6	50.0	17.999737	50.0	820037.0	0.359995	Y
6	IC 860-12941/7	100.0	36.967689	50.0	837269.0	0.369677	Y
7	IC 860-12941/8	150.0	52.958982	50.0	857643.0	0.35306	Y



Calibration / 1-Chlorohexane

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

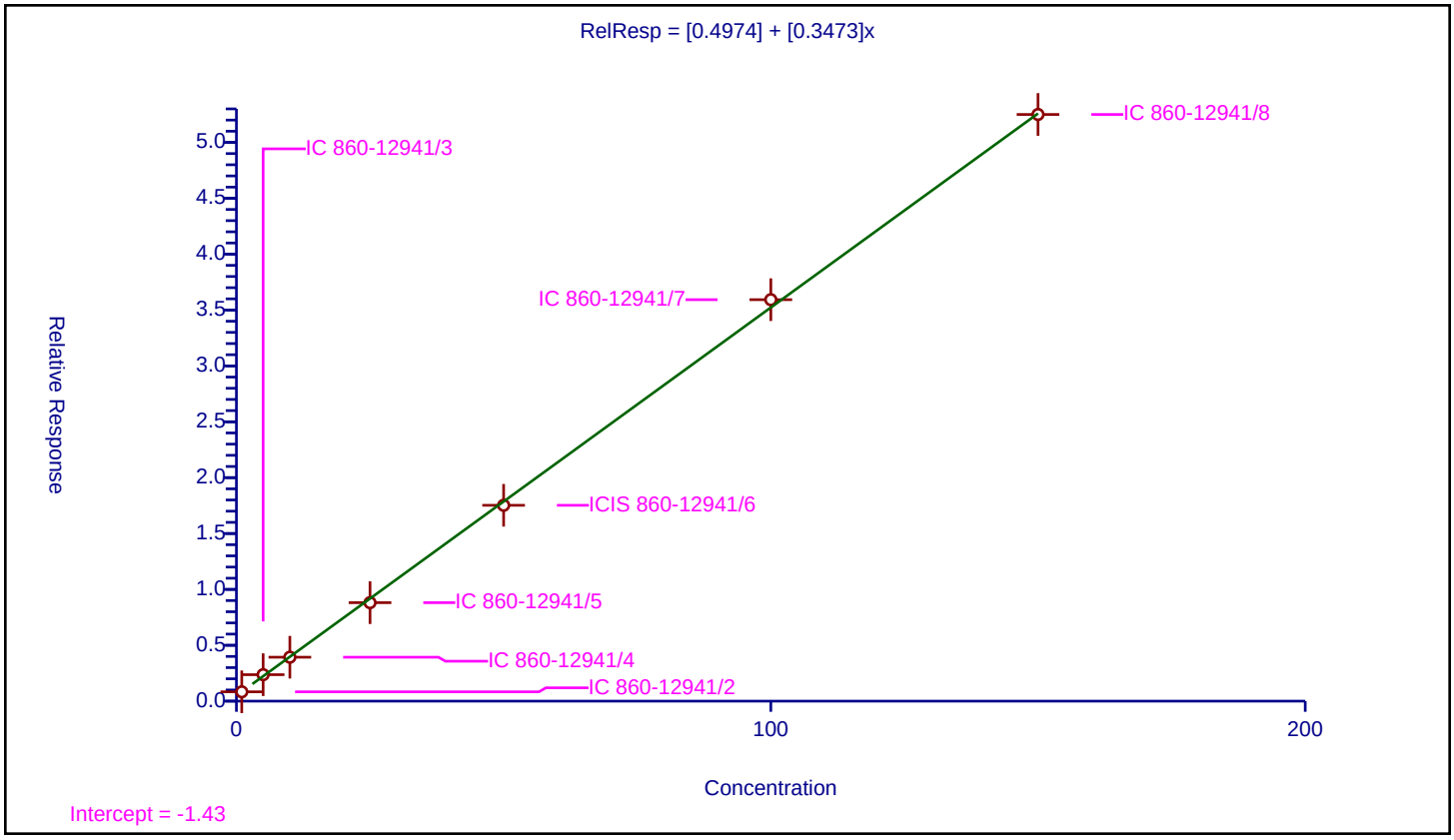
Curve Coefficients

Intercept:	0.4974
Slope:	0.3473

Error Coefficients

Standard Error:	506000
Relative Standard Error:	4.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	0.836544	50.0	774795.0	0.836544	Y
2	IC 860-12941/3	5.0	2.368809	50.0	756836.0	0.473762	Y
3	IC 860-12941/4	10.0	3.931039	50.0	791114.0	0.393104	Y
4	IC 860-12941/5	25.0	8.81316	50.0	813783.0	0.352526	Y
5	ICIS 860-12941/6	50.0	17.525795	50.0	820037.0	0.350516	Y
6	IC 860-12941/7	100.0	35.927044	50.0	837269.0	0.35927	Y
7	IC 860-12941/8	150.0	52.500574	50.0	857643.0	0.350004	Y



Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

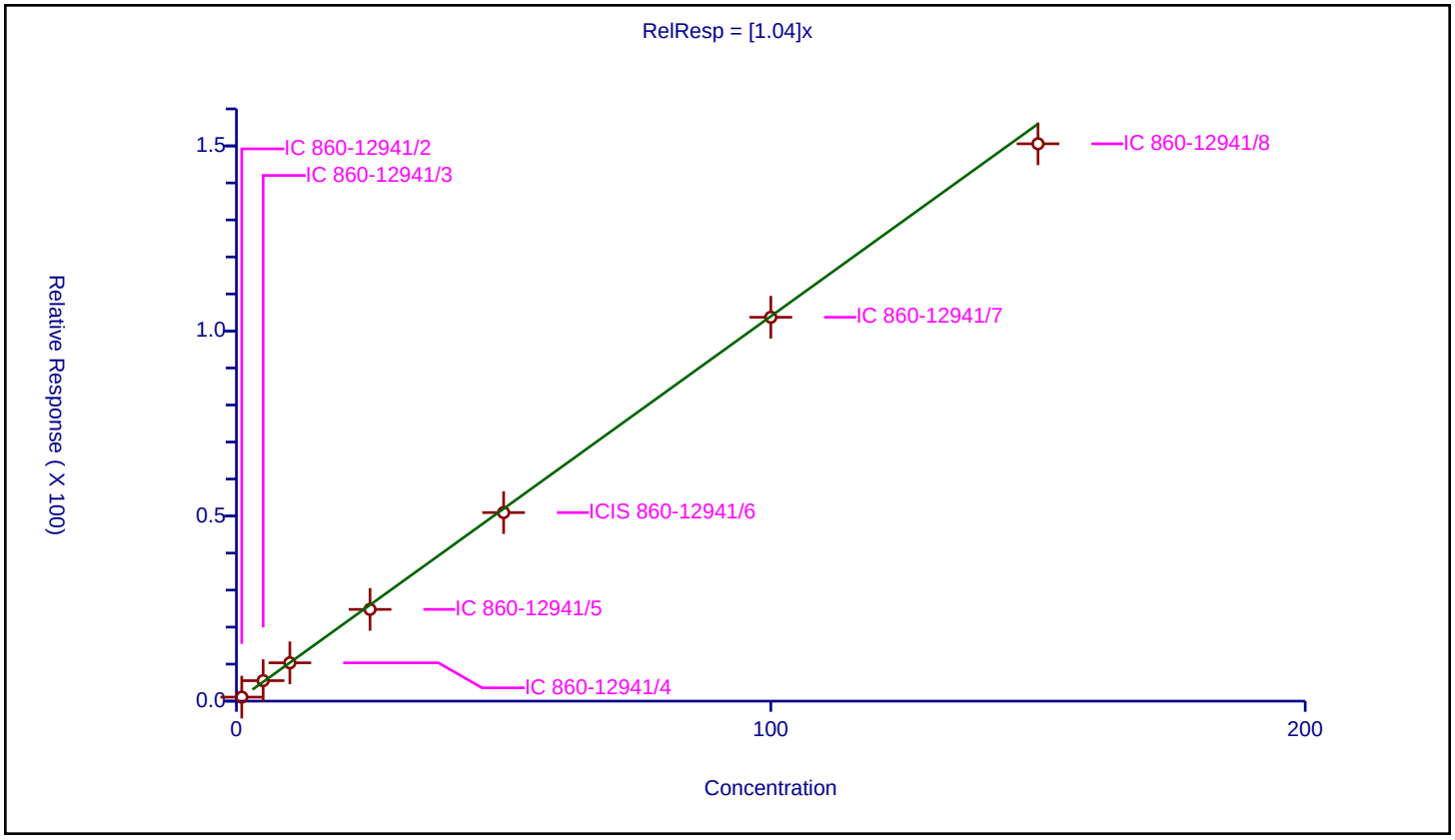
Curve Coefficients

Intercept:	0
Slope:	1.04

Error Coefficients

Standard Error:	1330000
Relative Standard Error:	4.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	1.083577	50.0	774795.0	1.083577	Y
2	IC 860-12941/3	5.0	5.538849	50.0	756836.0	1.10777	Y
3	IC 860-12941/4	10.0	10.349646	50.0	791114.0	1.034965	Y
4	IC 860-12941/5	25.0	24.786583	50.0	813783.0	0.991463	Y
5	ICIS 860-12941/6	50.0	50.937397	50.0	820037.0	1.018748	Y
6	IC 860-12941/7	100.0	103.709799	50.0	837269.0	1.037098	Y
7	IC 860-12941/8	150.0	150.571392	50.0	857643.0	1.003809	Y



Calibration / 1,1,1,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

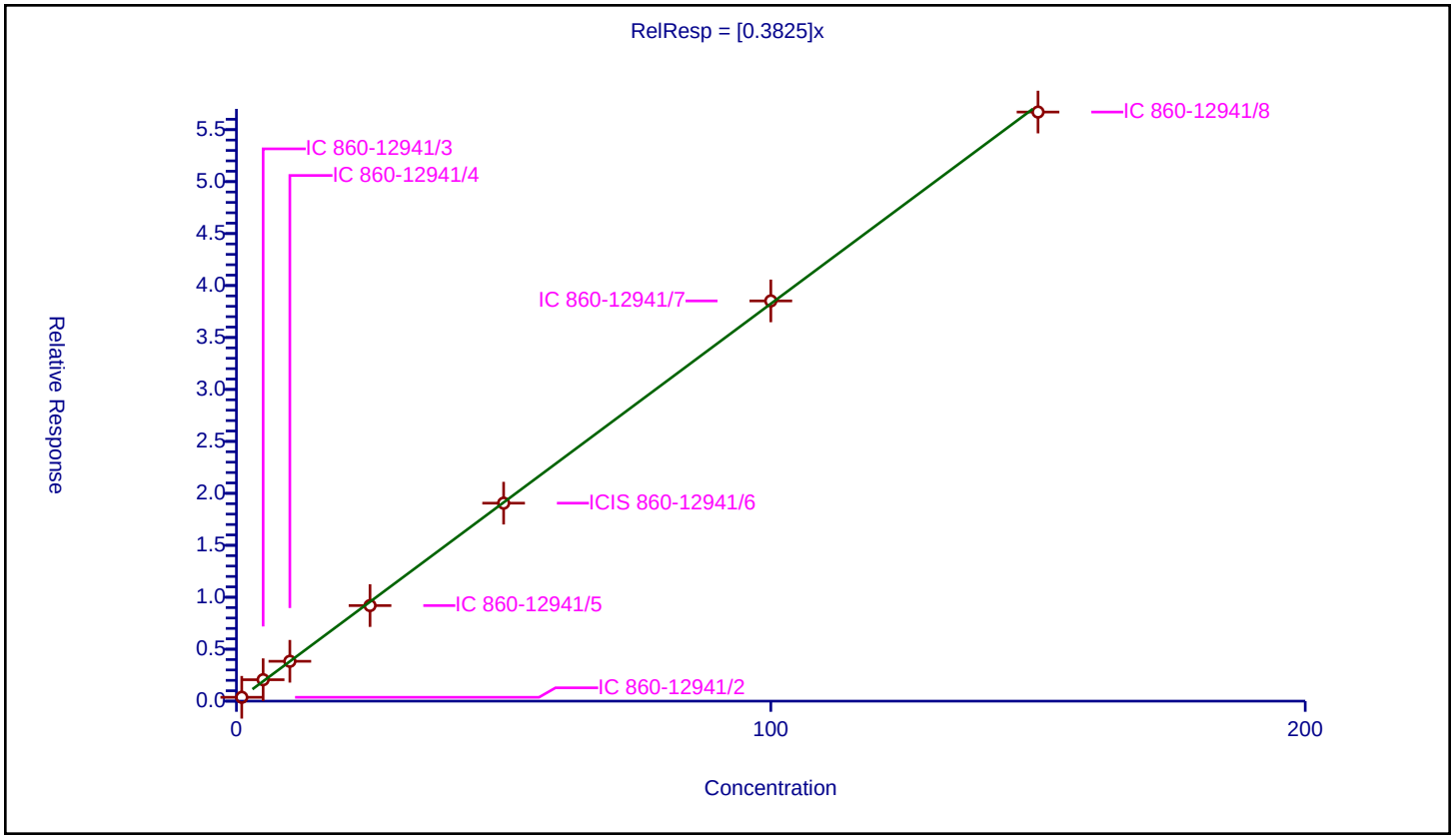
Curve Coefficients

Intercept:	0
Slope:	0.3825

Error Coefficients

Standard Error:	498000
Relative Standard Error:	3.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	0.369259	50.0	774795.0	0.369259	Y
2	IC 860-12941/3	5.0	2.060948	50.0	756836.0	0.41219	Y
3	IC 860-12941/4	10.0	3.836678	50.0	791114.0	0.383668	Y
4	IC 860-12941/5	25.0	9.197661	50.0	813783.0	0.367906	Y
5	ICIS 860-12941/6	50.0	19.054323	50.0	820037.0	0.381086	Y
6	IC 860-12941/7	100.0	38.520416	50.0	837269.0	0.385204	Y
7	IC 860-12941/8	150.0	56.697309	50.0	857643.0	0.377982	Y



Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

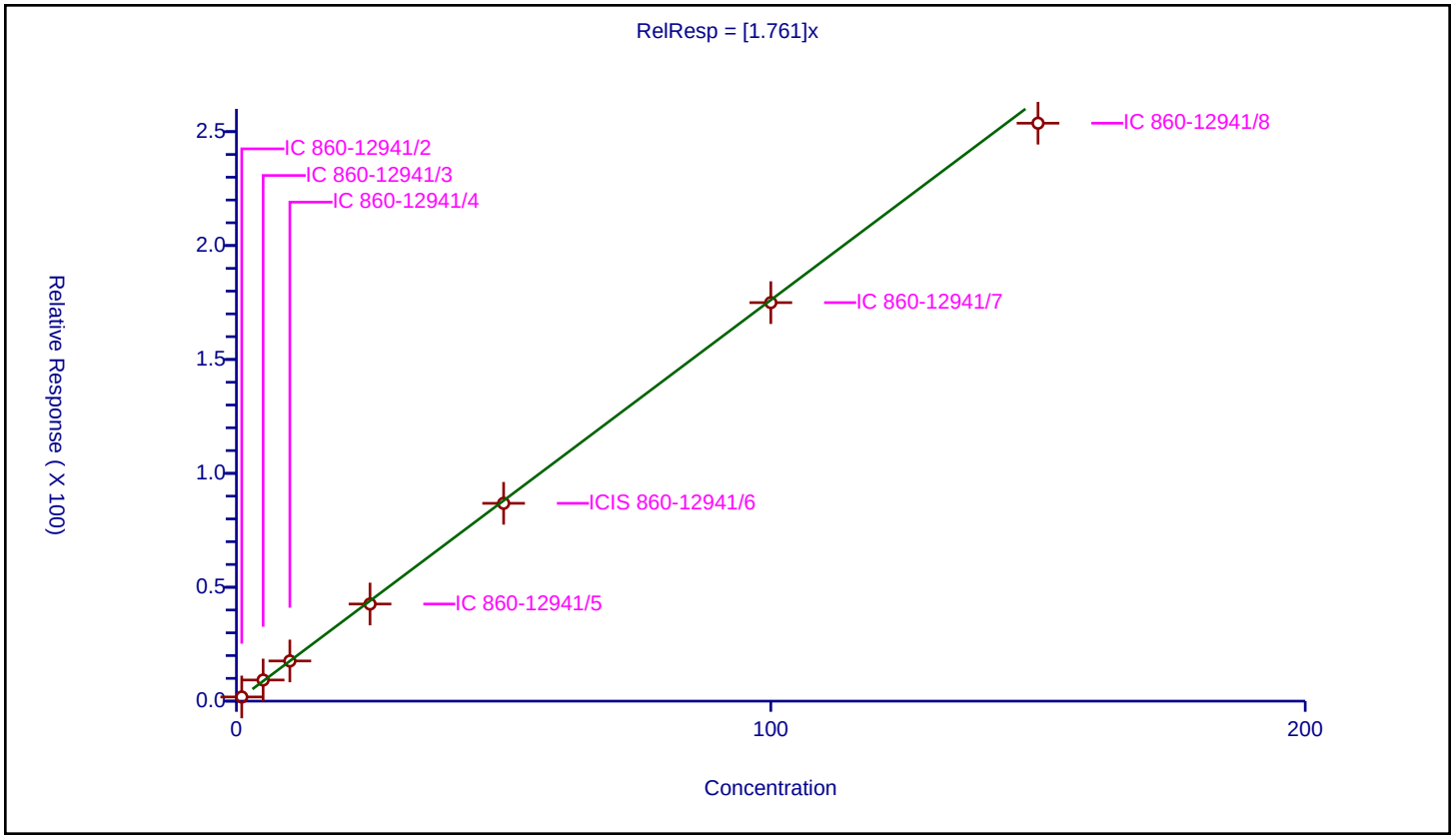
Curve Coefficients

Intercept:	0
Slope:	1.761

Error Coefficients

Standard Error:	2240000
Relative Standard Error:	3.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	1.824354	50.0	774795.0	1.824354	Y
2	IC 860-12941/3	5.0	9.273409	50.0	756836.0	1.854682	Y
3	IC 860-12941/4	10.0	17.636649	50.0	791114.0	1.763665	Y
4	IC 860-12941/5	25.0	42.638148	50.0	813783.0	1.705526	Y
5	ICIS 860-12941/6	50.0	86.850837	50.0	820037.0	1.737017	Y
6	IC 860-12941/7	100.0	174.950524	50.0	837269.0	1.749505	Y
7	IC 860-12941/8	150.0	253.717164	50.0	857643.0	1.691448	Y



Calibration / m-Xylene & p-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

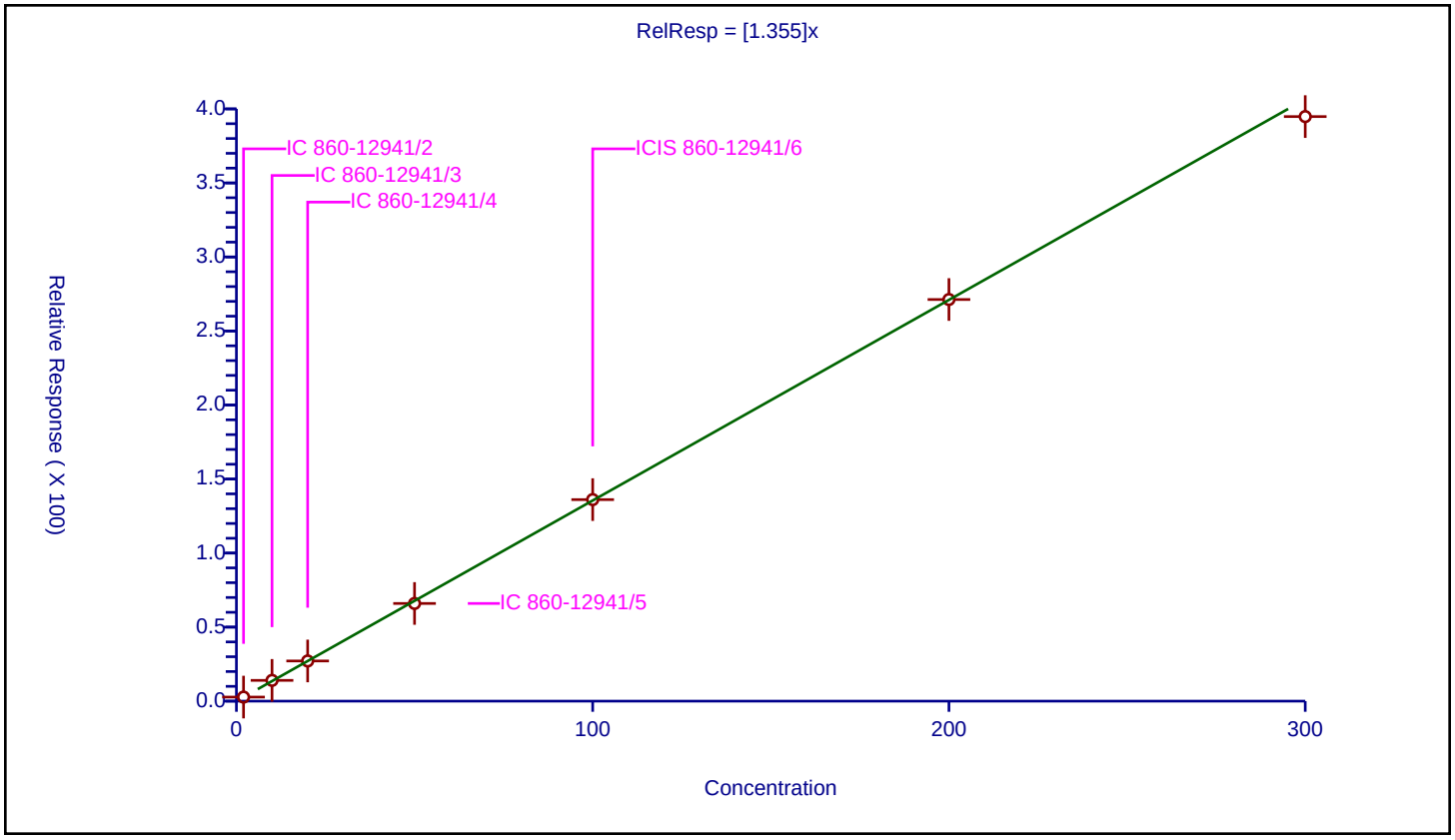
Curve Coefficients

Intercept:	0
Slope:	1.355

Error Coefficients

Standard Error:	3480000
Relative Standard Error:	2.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	2.0	2.745888	50.0	774795.0	1.372944	Y
2	IC 860-12941/3	10.0	14.025297	50.0	756836.0	1.40253	Y
3	IC 860-12941/4	20.0	27.126811	50.0	791114.0	1.356341	Y
4	IC 860-12941/5	50.0	65.975266	50.0	813783.0	1.319505	Y
5	ICIS 860-12941/6	100.0	136.111419	50.0	820037.0	1.361114	Y
6	IC 860-12941/7	200.0	271.257266	50.0	837269.0	1.356286	Y
7	IC 860-12941/8	300.0	394.796844	50.0	857643.0	1.315989	Y



Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

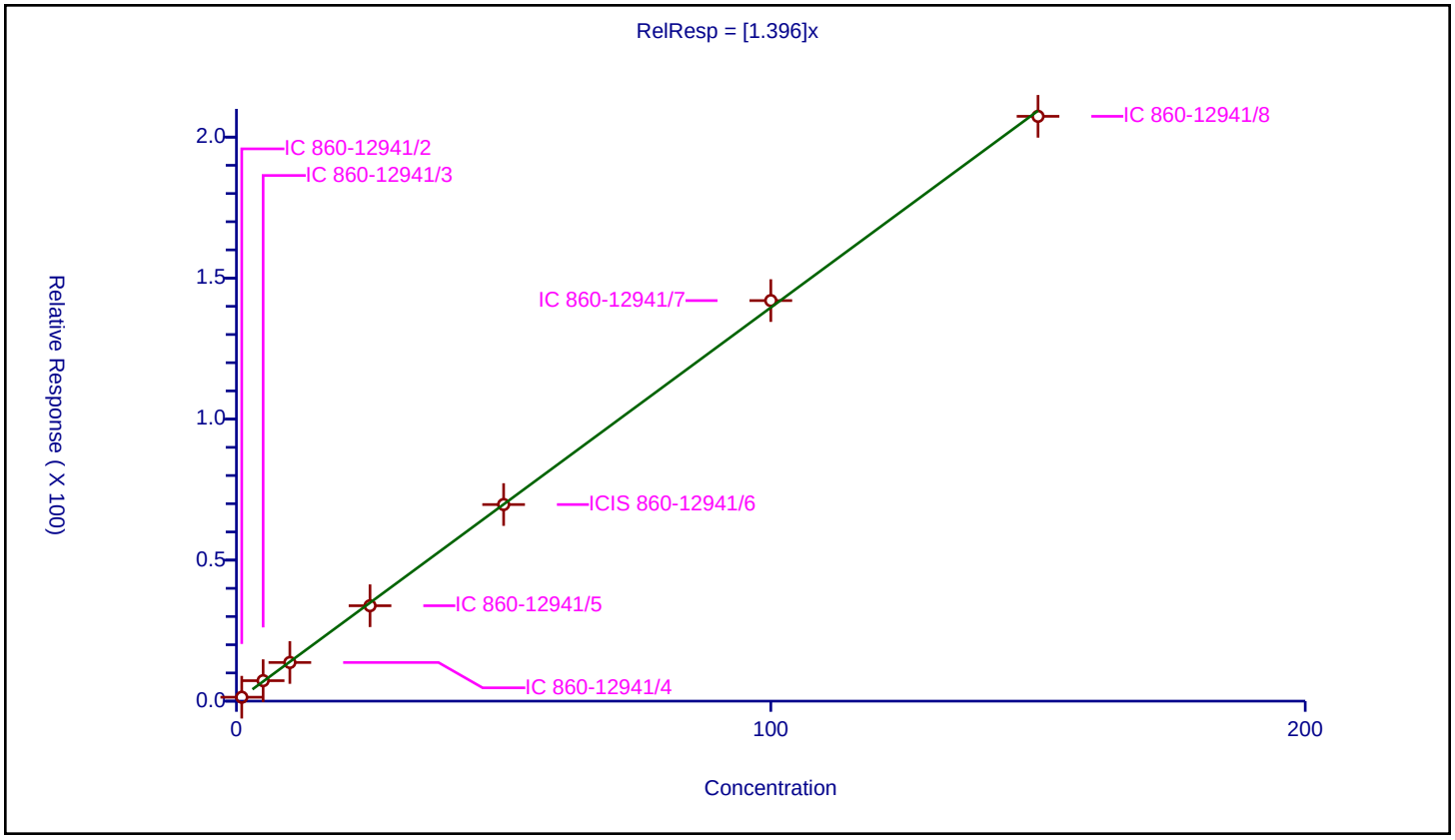
Curve Coefficients

Intercept:	0
Slope:	1.396

Error Coefficients

Standard Error:	1820000
Relative Standard Error:	2.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	1.396563	50.0	774795.0	1.396563	Y
2	IC 860-12941/3	5.0	7.261084	50.0	756836.0	1.452217	Y
3	IC 860-12941/4	10.0	13.706052	50.0	791114.0	1.370605	Y
4	IC 860-12941/5	25.0	33.831255	50.0	813783.0	1.35325	Y
5	ICIS 860-12941/6	50.0	69.706367	50.0	820037.0	1.394127	Y
6	IC 860-12941/7	100.0	142.029025	50.0	837269.0	1.42029	Y
7	IC 860-12941/8	150.0	207.361746	50.0	857643.0	1.382412	Y



Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

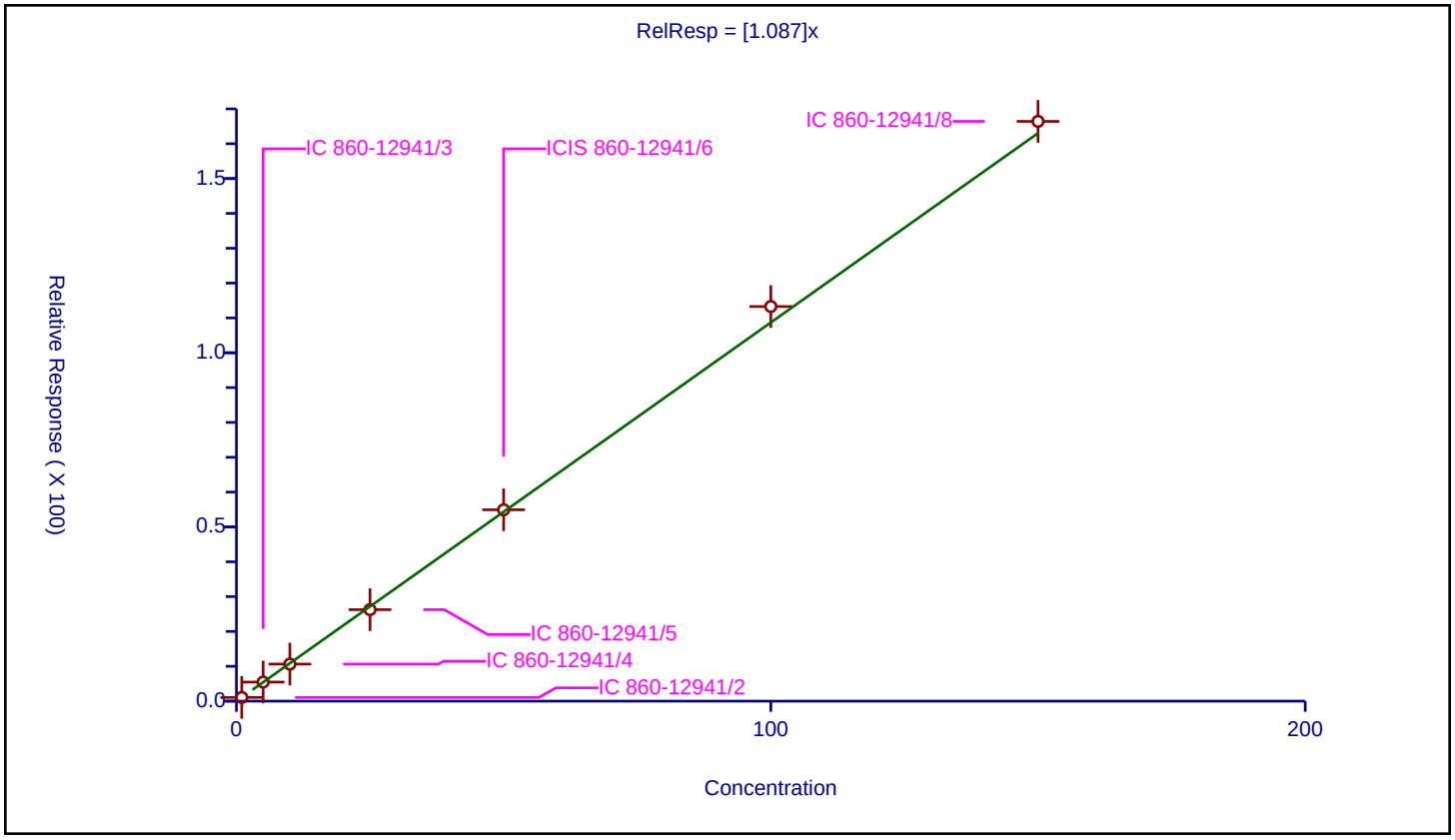
Curve Coefficients

Intercept:	0
Slope:	1.087

Error Coefficients

Standard Error:	1460000
Relative Standard Error:	2.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	1.05899	50.0	774795.0	1.05899	Y
2	IC 860-12941/3	5.0	5.470736	50.0	756836.0	1.094147	Y
3	IC 860-12941/4	10.0	10.635699	50.0	791114.0	1.06357	Y
4	IC 860-12941/5	25.0	26.26001	50.0	813783.0	1.0504	Y
5	ICIS 860-12941/6	50.0	54.937155	50.0	820037.0	1.098743	Y
6	IC 860-12941/7	100.0	113.275602	50.0	837269.0	1.132756	Y
7	IC 860-12941/8	150.0	166.415921	50.0	857643.0	1.109439	Y



Calibration / Bromoform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

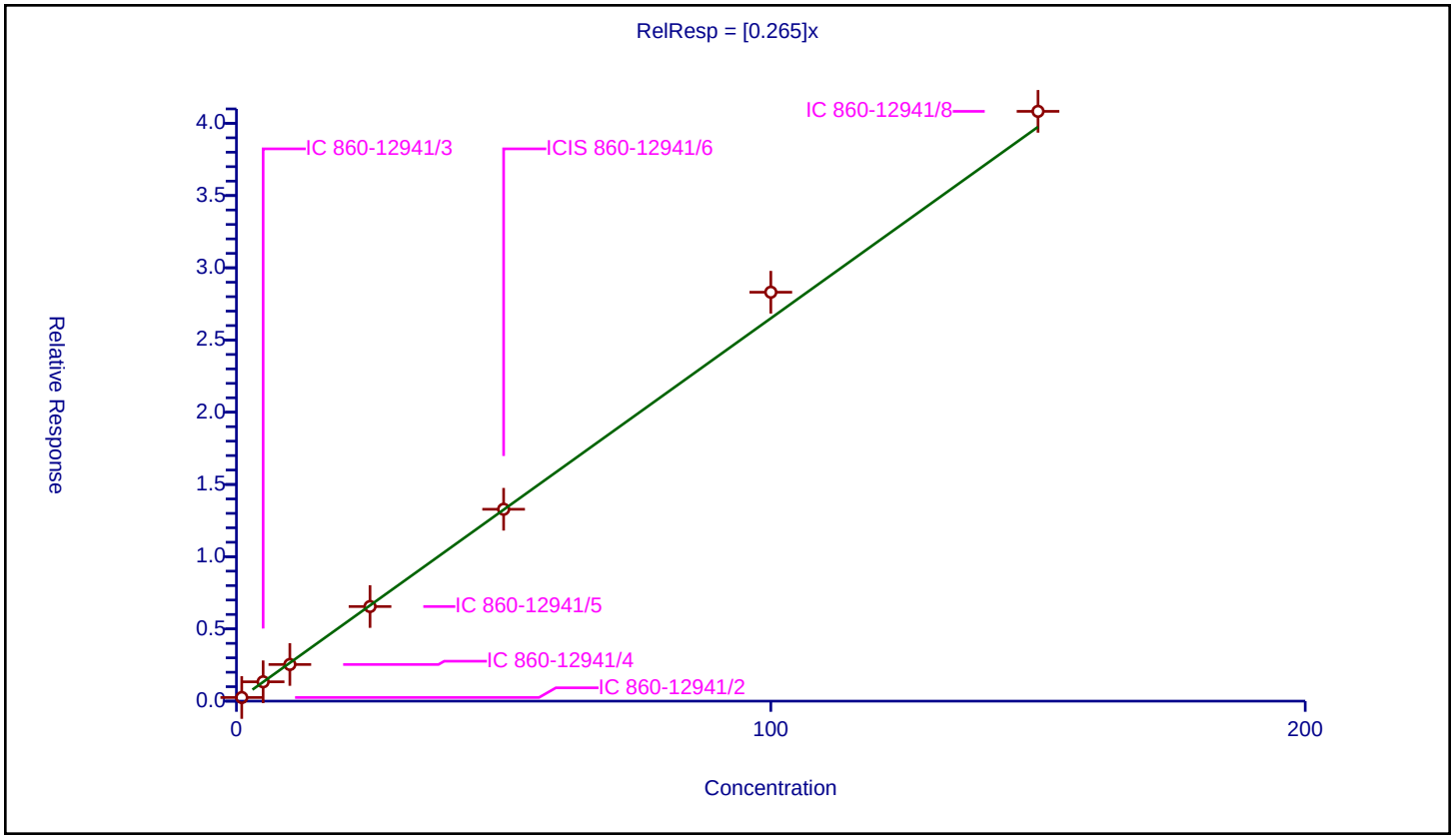
Curve Coefficients

Intercept:	0
Slope:	0.265

Error Coefficients

Standard Error:	360000
Relative Standard Error:	4.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	0.250841	50.0	774795.0	0.250841	Y
2	IC 860-12941/3	5.0	1.338599	50.0	756836.0	0.26772	Y
3	IC 860-12941/4	10.0	2.537308	50.0	791114.0	0.253731	Y
4	IC 860-12941/5	25.0	6.550272	50.0	813783.0	0.262011	Y
5	ICIS 860-12941/6	50.0	13.283547	50.0	820037.0	0.265671	Y
6	IC 860-12941/7	100.0	28.309659	50.0	837269.0	0.283097	Y
7	IC 860-12941/8	150.0	40.830684	50.0	857643.0	0.272205	Y



Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

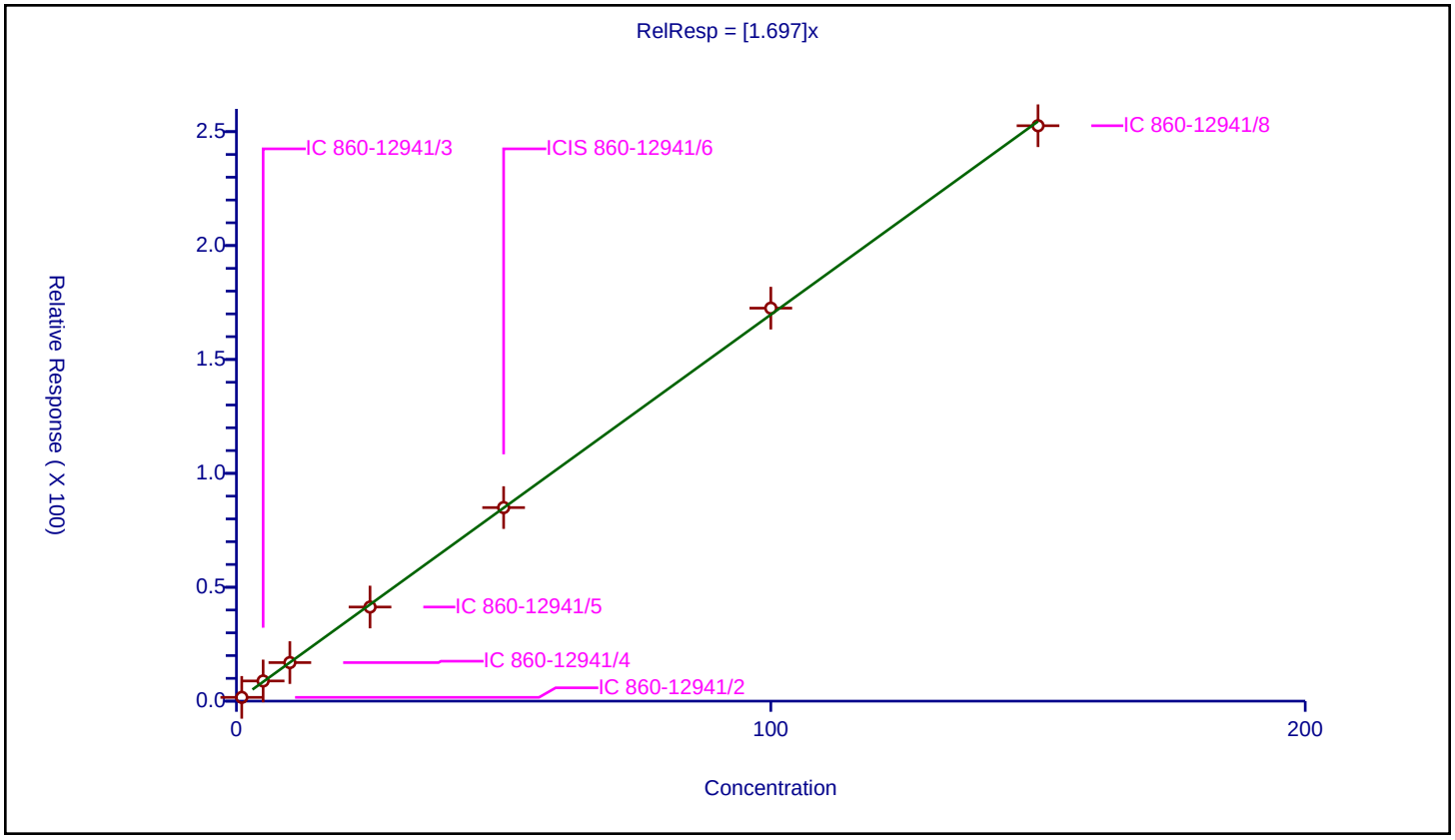
Curve Coefficients

Intercept:	0
Slope:	1.697

Error Coefficients

Standard Error:	2220000
Relative Standard Error:	2.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	1.651792	50.0	774795.0	1.651792	Y
2	IC 860-12941/3	5.0	8.857467	50.0	756836.0	1.771493	Y
3	IC 860-12941/4	10.0	16.929103	50.0	791114.0	1.69291	Y
4	IC 860-12941/5	25.0	41.31261	50.0	813783.0	1.652504	Y
5	ICIS 860-12941/6	50.0	84.972446	50.0	820037.0	1.699449	Y
6	IC 860-12941/7	100.0	172.524362	50.0	837269.0	1.725244	Y
7	IC 860-12941/8	150.0	252.607087	50.0	857643.0	1.684047	Y



Calibration / 4-Bromofluorobenzene (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

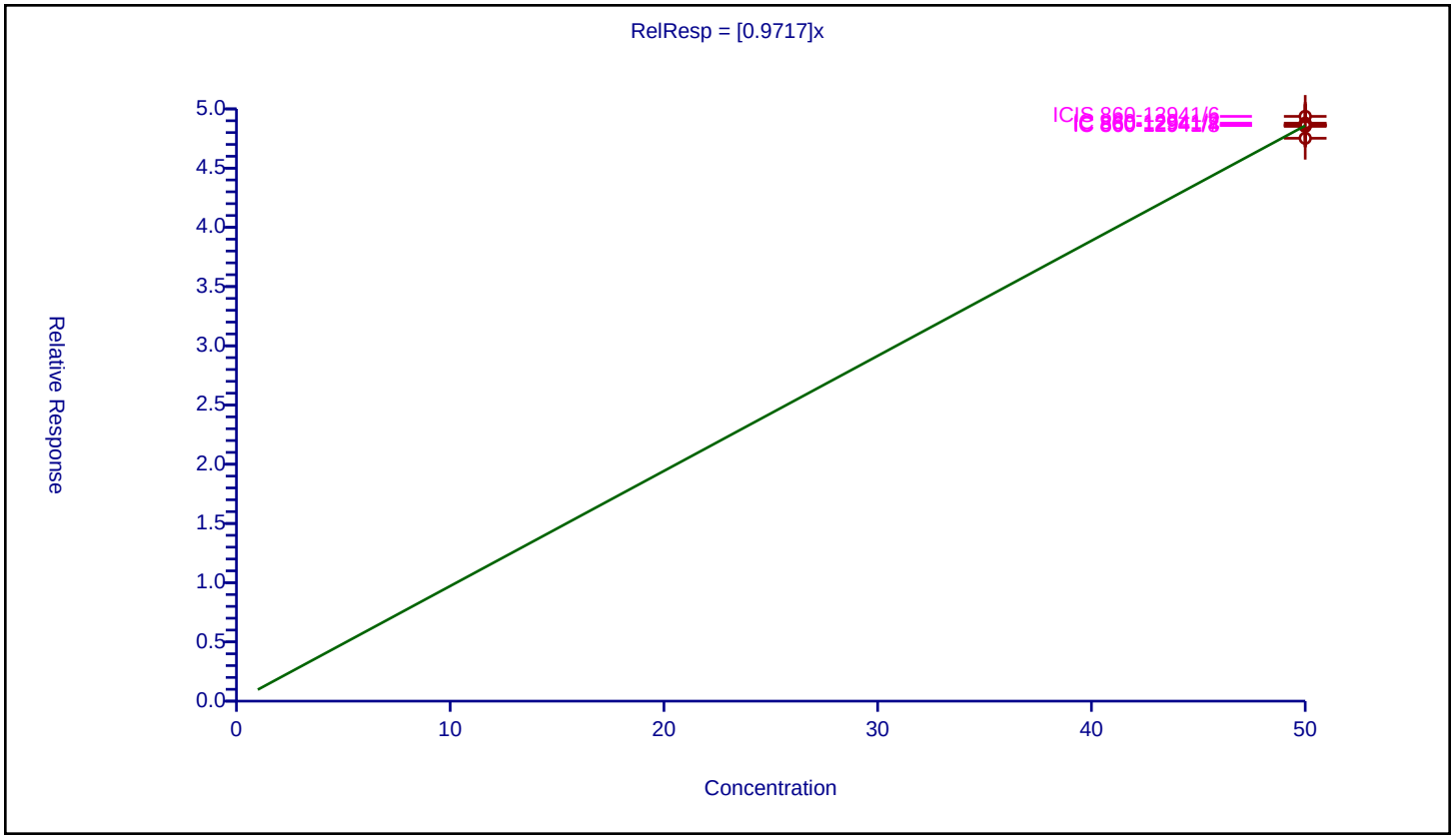
Curve Coefficients

Intercept:	0
Slope:	0.9717

Error Coefficients

Standard Error:	433000
Relative Standard Error:	1.1
Correlation Coefficient:	0
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	50.0	48.796333	50.0	382041.0	0.975927	Y
2	IC 860-12941/3	50.0	48.522173	50.0	379307.0	0.970443	Y
3	IC 860-12941/4	50.0	48.677565	50.0	404481.0	0.973551	Y
4	IC 860-12941/5	50.0	47.518852	50.0	434577.0	0.950377	Y
5	ICIS 860-12941/6	50.0	49.369081	50.0	408293.0	0.987382	Y
6	IC 860-12941/7	50.0	48.604931	50.0	433491.0	0.972099	Y
7	IC 860-12941/8	50.0	48.596029	50.0	442210.0	0.971921	Y



Calibration / 1,1,2,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

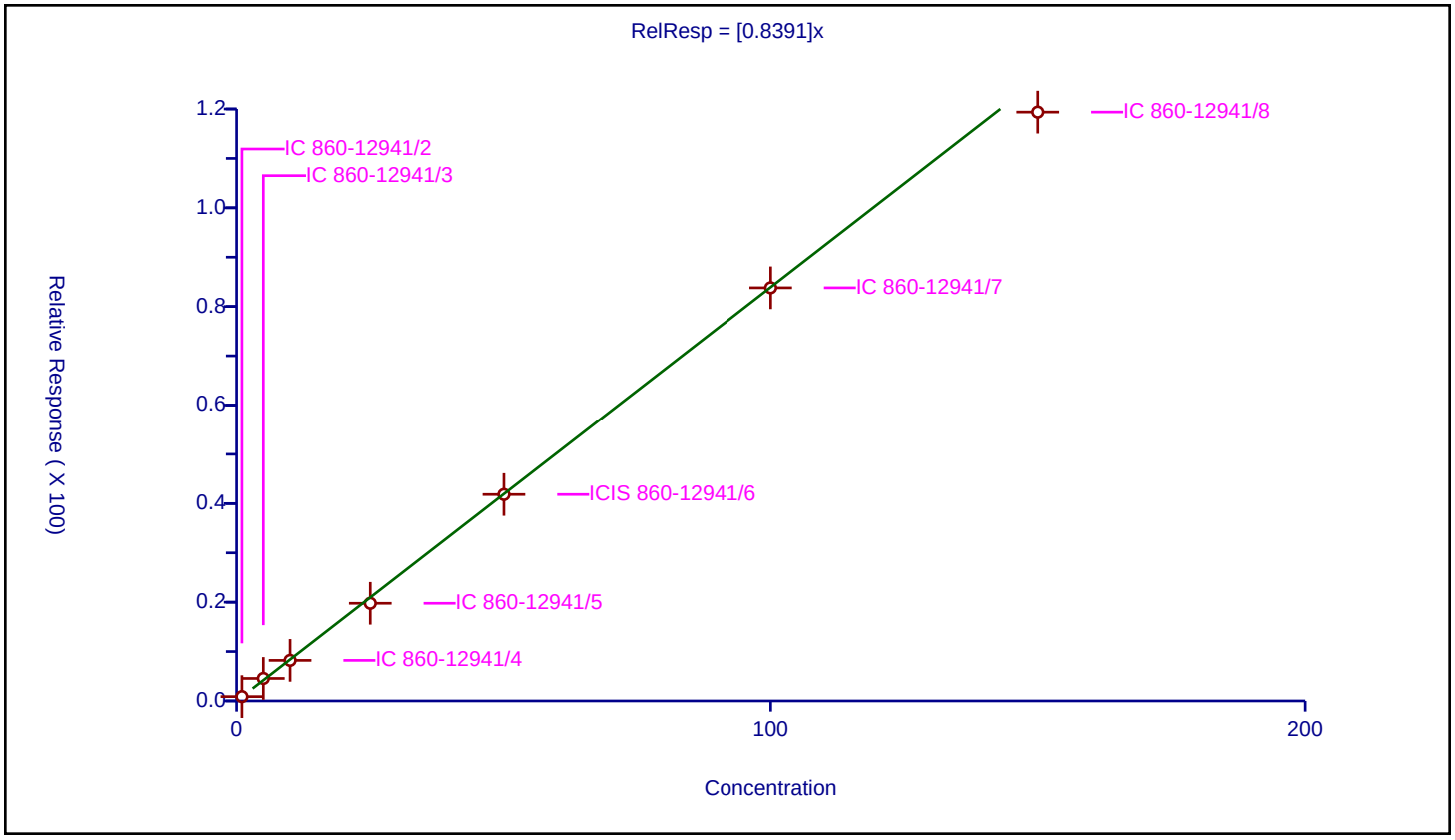
Curve Coefficients

Intercept:	0
Slope:	0.8391

Error Coefficients

Standard Error:	547000
Relative Standard Error:	5.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	0.879225	50.0	382041.0	0.879225	Y
2	IC 860-12941/3	5.0	4.554886	50.0	379307.0	0.910977	Y
3	IC 860-12941/4	10.0	8.213859	50.0	404481.0	0.821386	Y
4	IC 860-12941/5	25.0	19.780499	50.0	434577.0	0.79122	Y
5	ICIS 860-12941/6	50.0	41.843235	50.0	408293.0	0.836865	Y
6	IC 860-12941/7	100.0	83.792974	50.0	433491.0	0.83793	Y
7	IC 860-12941/8	150.0	119.362859	50.0	442210.0	0.795752	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

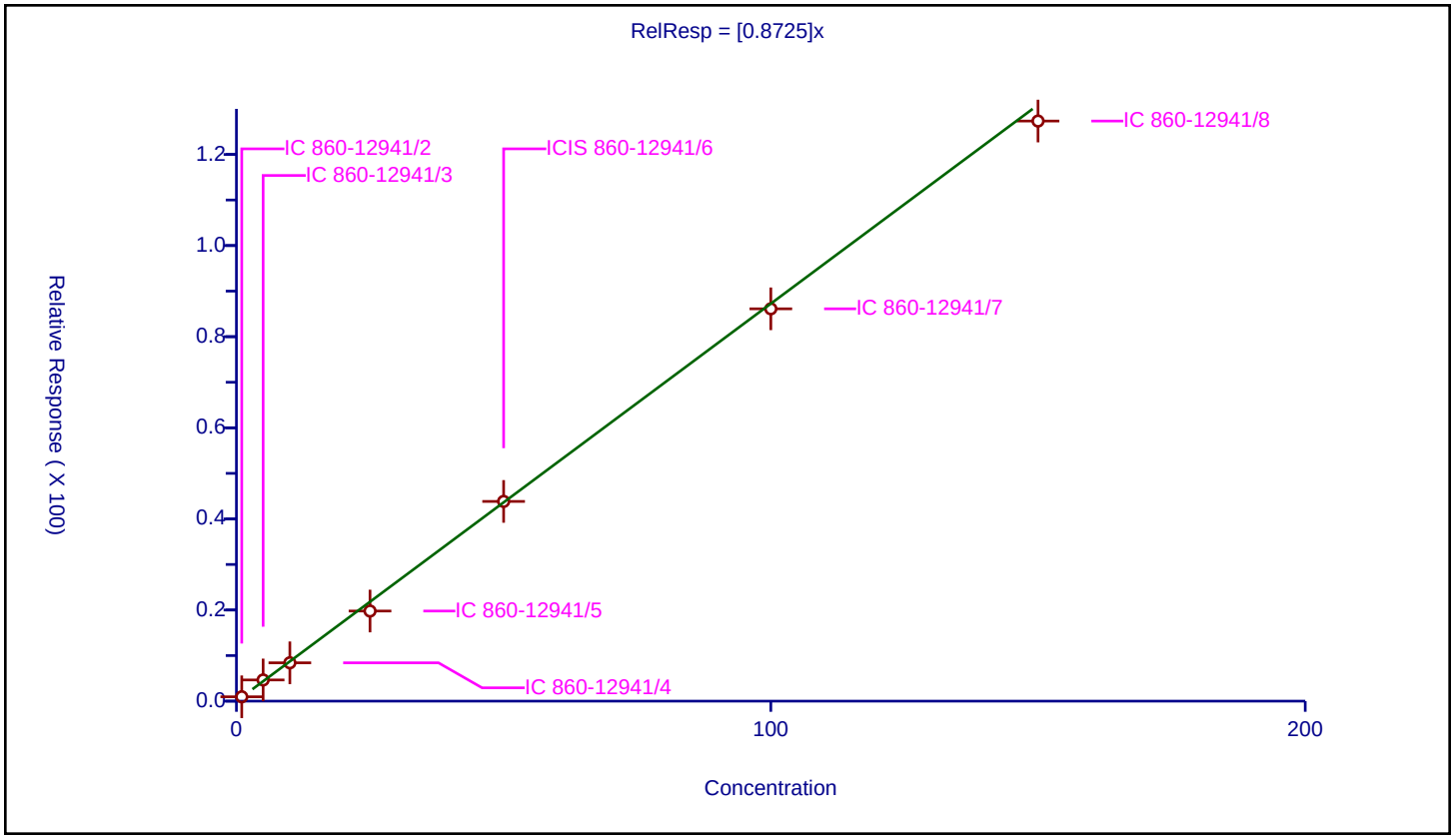
Curve Coefficients

Intercept:	0
Slope:	0.8725

Error Coefficients

Standard Error:	576000
Relative Standard Error:	6.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	0.957489	50.0	382041.0	0.957489	Y
2	IC 860-12941/3	5.0	4.650059	50.0	379307.0	0.930012	Y
3	IC 860-12941/4	10.0	8.417083	50.0	404481.0	0.841708	Y
4	IC 860-12941/5	25.0	19.782685	50.0	434577.0	0.791307	Y
5	ICIS 860-12941/6	50.0	43.838738	50.0	408293.0	0.876775	Y
6	IC 860-12941/7	100.0	86.120127	50.0	433491.0	0.861201	Y
7	IC 860-12941/8	150.0	127.331585	50.0	442210.0	0.848877	Y



Calibration / 1,2,3-Trichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

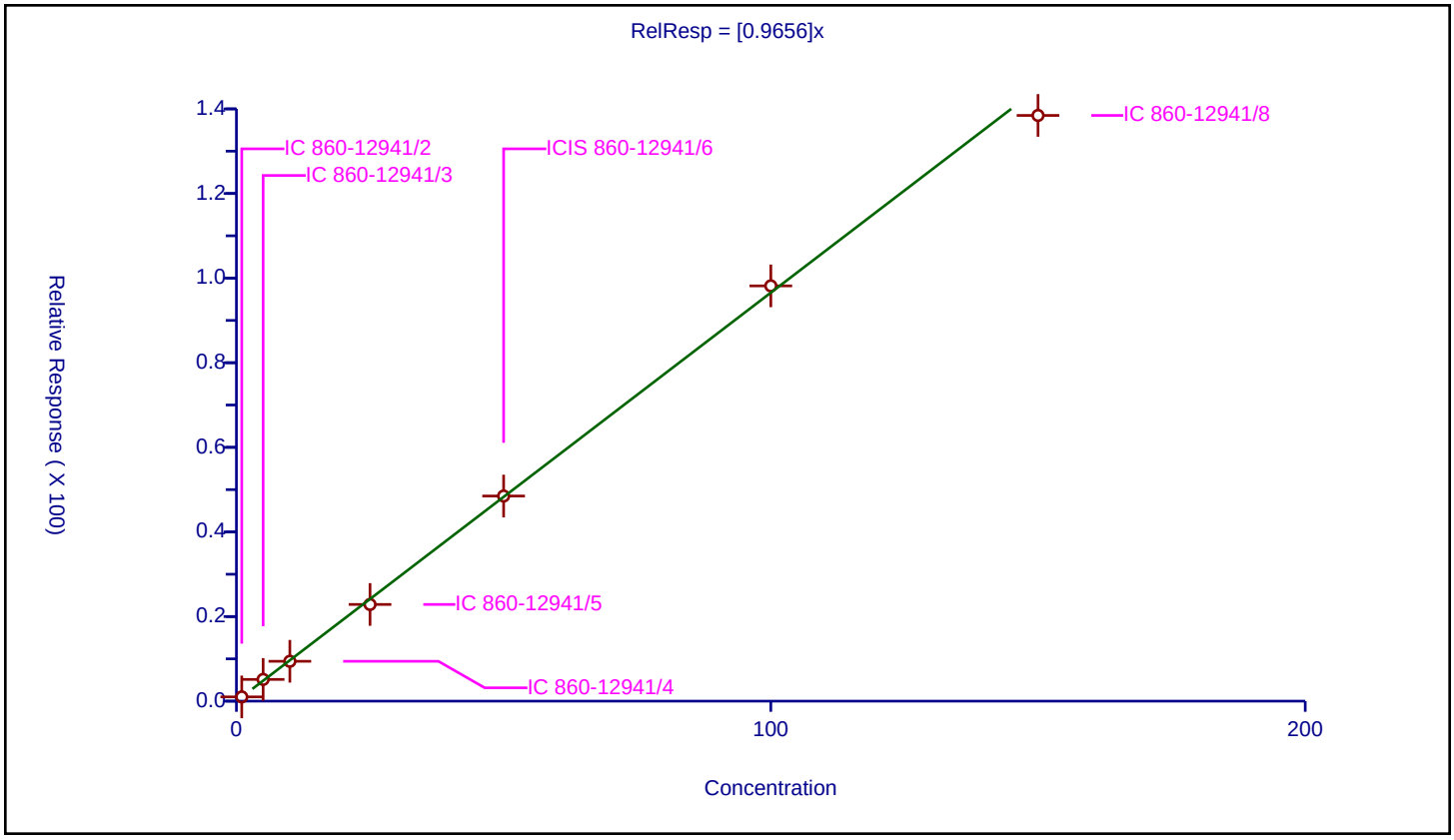
Curve Coefficients

Intercept:	0
Slope:	0.9656

Error Coefficients

Standard Error:	636000
Relative Standard Error:	4.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	1.001856	50.0	382041.0	1.001856	Y
2	IC 860-12941/3	5.0	5.131727	50.0	379307.0	1.026345	Y
3	IC 860-12941/4	10.0	9.420838	50.0	404481.0	0.942084	Y
4	IC 860-12941/5	25.0	22.857054	50.0	434577.0	0.914282	Y
5	ICIS 860-12941/6	50.0	48.487238	50.0	408293.0	0.969745	Y
6	IC 860-12941/7	100.0	98.164206	50.0	433491.0	0.981642	Y
7	IC 860-12941/8	150.0	138.450171	50.0	442210.0	0.923001	Y



Calibration / trans-1,4-Dichloro-2-butene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

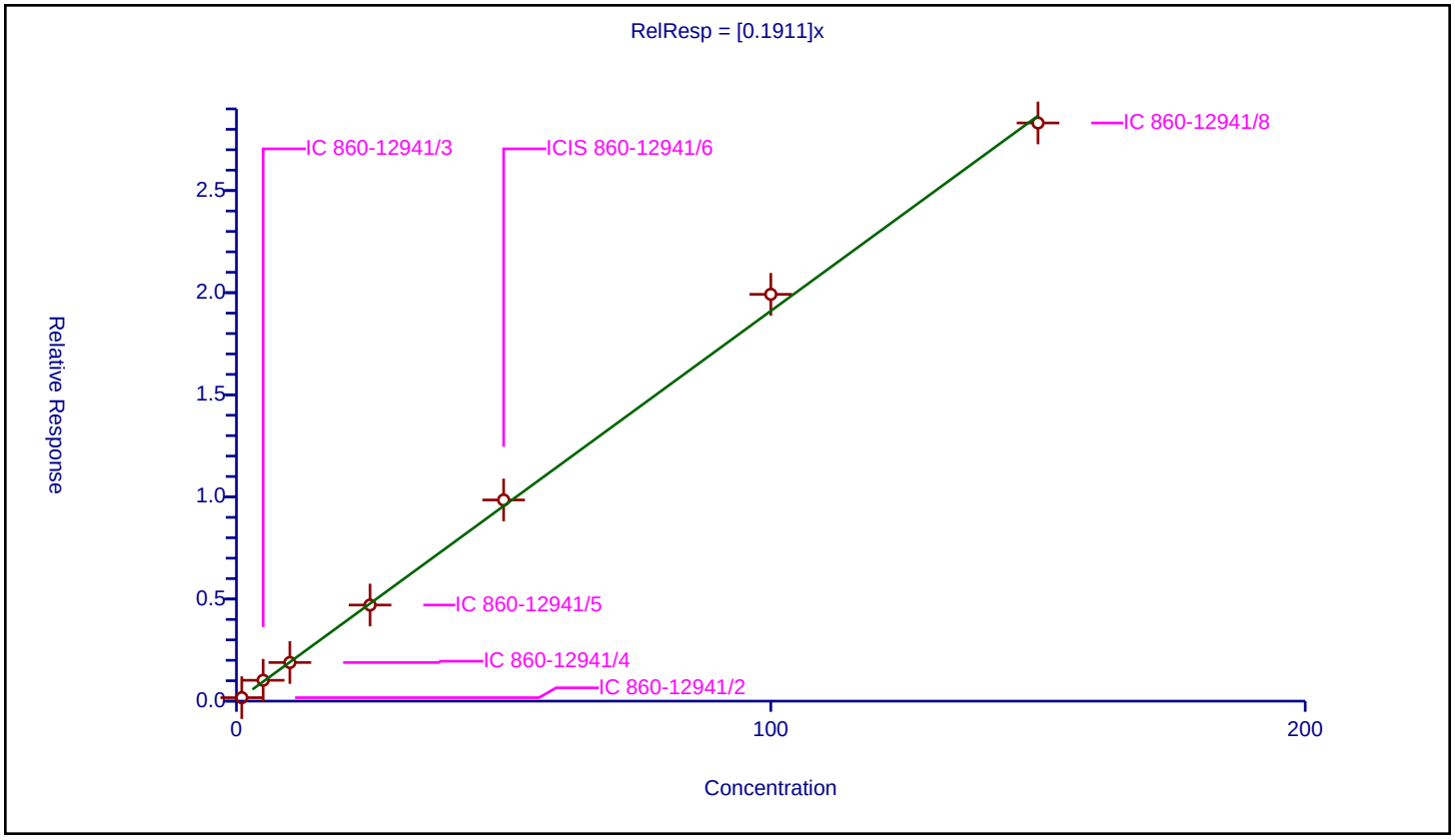
Curve Coefficients

Intercept:	0
Slope:	0.1911

Error Coefficients

Standard Error:	130000
Relative Standard Error:	5.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	0.170662	50.0	382041.0	0.170662	Y
2	IC 860-12941/3	5.0	1.022259	50.0	379307.0	0.204452	Y
3	IC 860-12941/4	10.0	1.891807	50.0	404481.0	0.189181	Y
4	IC 860-12941/5	25.0	4.706416	50.0	434577.0	0.188257	Y
5	ICIS 860-12941/6	50.0	9.850646	50.0	408293.0	0.197013	Y
6	IC 860-12941/7	100.0	19.920598	50.0	433491.0	0.199206	Y
7	IC 860-12941/8	150.0	28.310983	50.0	442210.0	0.18874	Y



Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

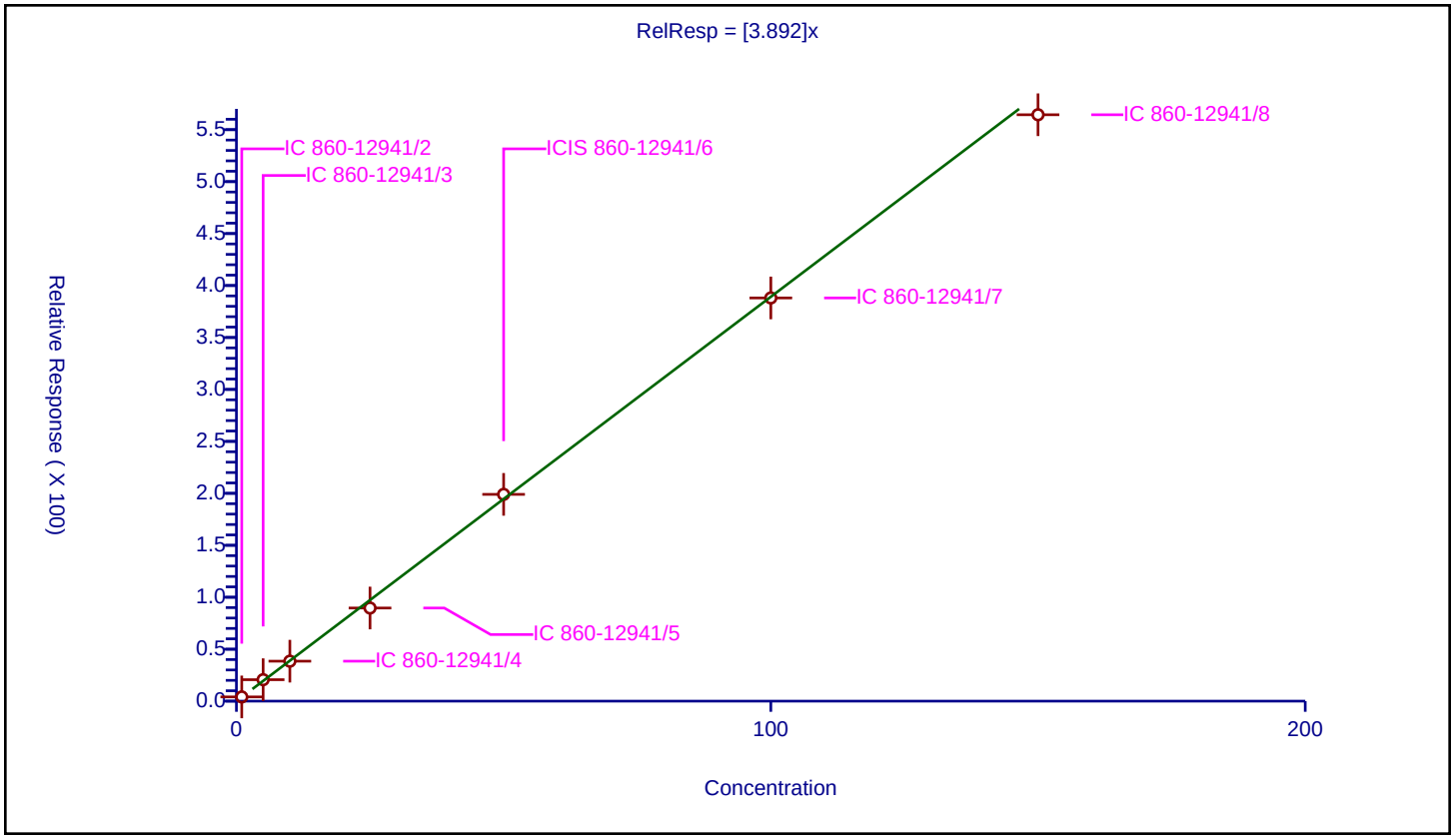
Curve Coefficients

Intercept:	0
Slope:	3.892

Error Coefficients

Standard Error:	2570000
Relative Standard Error:	4.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	4.055193	50.0	382041.0	4.055193	Y
2	IC 860-12941/3	5.0	20.654246	50.0	379307.0	4.130849	Y
3	IC 860-12941/4	10.0	38.460521	50.0	404481.0	3.846052	Y
4	IC 860-12941/5	25.0	89.63774	50.0	434577.0	3.58551	Y
5	ICIS 860-12941/6	50.0	199.017372	50.0	408293.0	3.980347	Y
6	IC 860-12941/7	100.0	388.043927	50.0	433491.0	3.880439	Y
7	IC 860-12941/8	150.0	564.365347	50.0	442210.0	3.762436	Y



Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

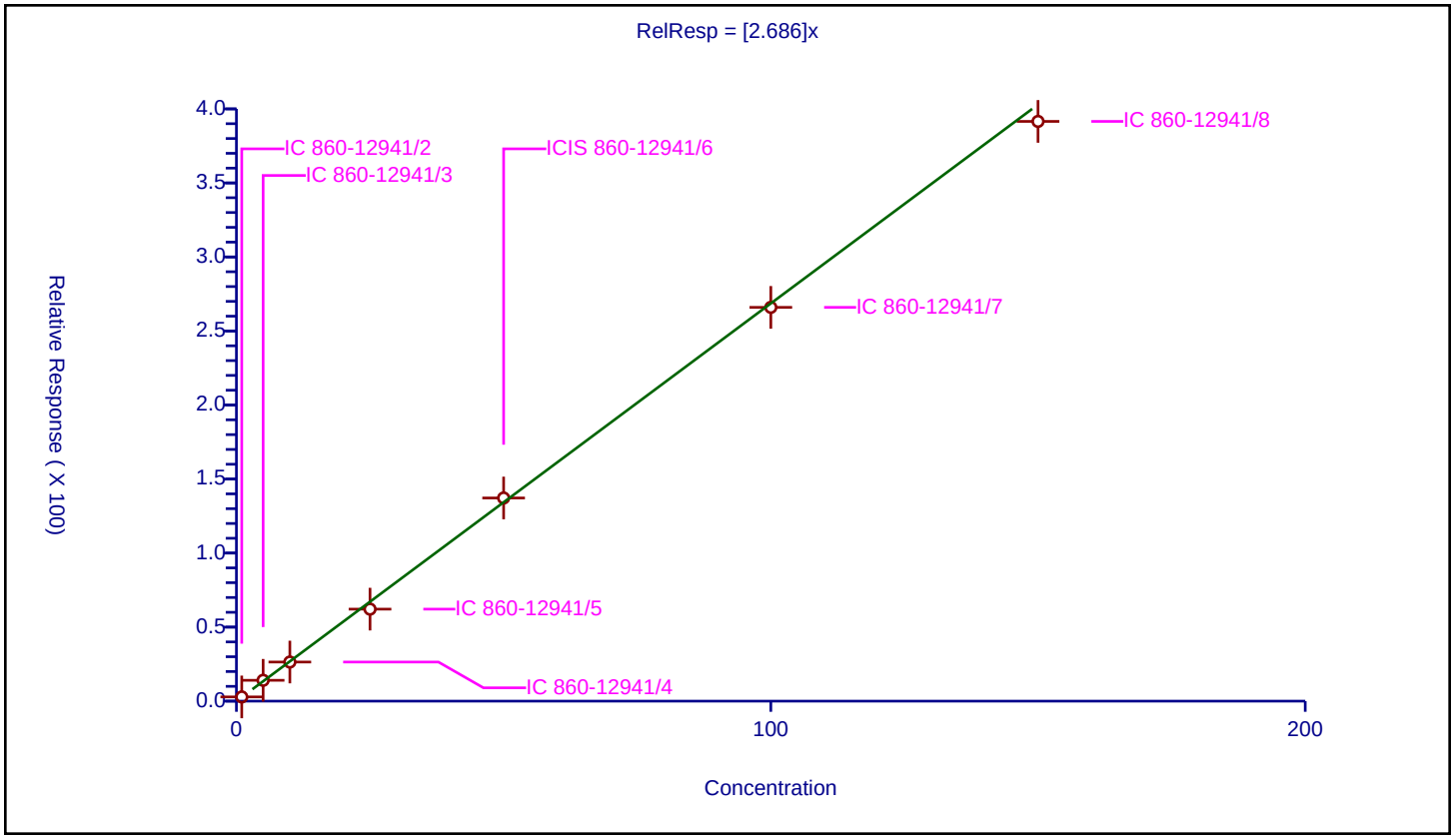
Curve Coefficients

Intercept:	0
Slope:	2.686

Error Coefficients

Standard Error:	1780000
Relative Standard Error:	4.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	2.844983	50.0	382041.0	2.844983	Y
2	IC 860-12941/3	5.0	14.078042	50.0	379307.0	2.815608	Y
3	IC 860-12941/4	10.0	26.422007	50.0	404481.0	2.642201	Y
4	IC 860-12941/5	25.0	62.146294	50.0	434577.0	2.485852	Y
5	ICIS 860-12941/6	50.0	137.21041	50.0	408293.0	2.744208	Y
6	IC 860-12941/7	100.0	265.958809	50.0	433491.0	2.659588	Y
7	IC 860-12941/8	150.0	391.537731	50.0	442210.0	2.610252	Y



Calibration / 4-Ethyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

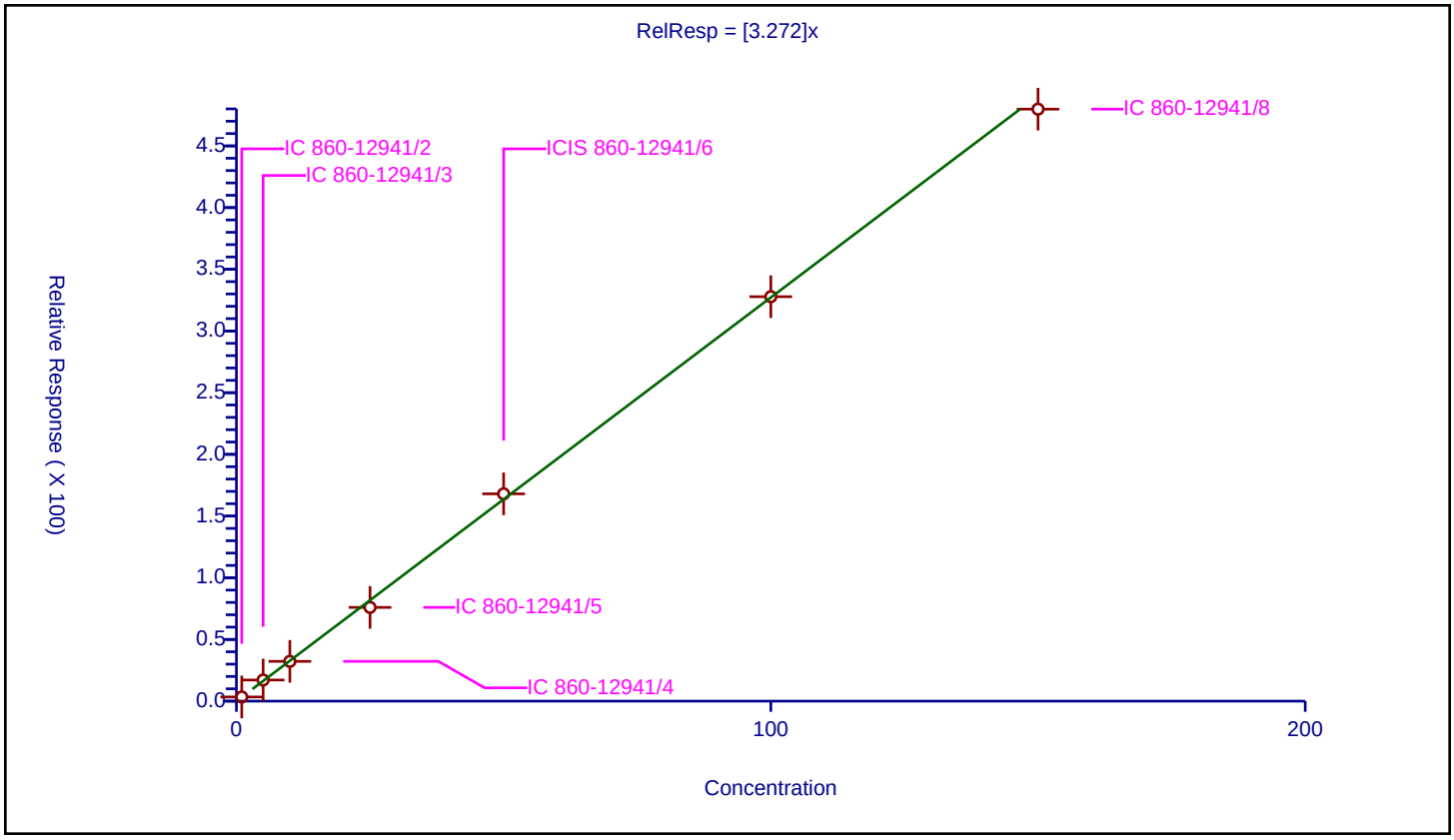
Curve Coefficients

Intercept:	0
Slope:	3.272

Error Coefficients

Standard Error:	2180000
Relative Standard Error:	4.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	3.378302	50.0	382041.0	3.378302	Y
2	IC 860-12941/3	5.0	17.12096	50.0	379307.0	3.424192	Y
3	IC 860-12941/4	10.0	32.229202	50.0	404481.0	3.22292	Y
4	IC 860-12941/5	25.0	75.963753	50.0	434577.0	3.03855	Y
5	ICIS 860-12941/6	50.0	168.006554	50.0	408293.0	3.360131	Y
6	IC 860-12941/7	100.0	327.804845	50.0	433491.0	3.278048	Y
7	IC 860-12941/8	150.0	479.773411	50.0	442210.0	3.198489	Y



Calibration / 1,3,5-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

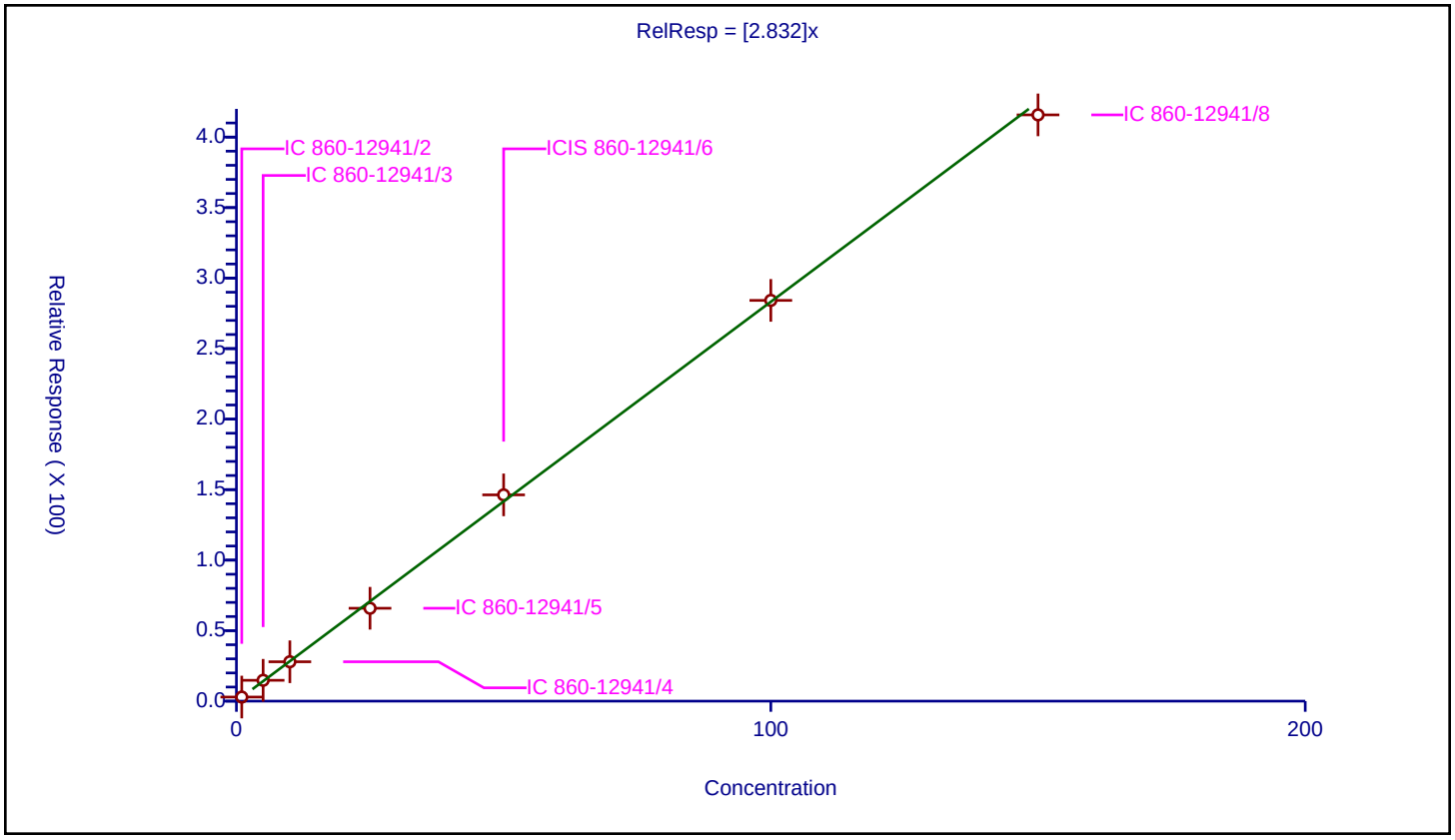
Curve Coefficients

Intercept:	0
Slope:	2.832

Error Coefficients

Standard Error:	1890000
Relative Standard Error:	3.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	2.901783	50.0	382041.0	2.901783	Y
2	IC 860-12941/3	5.0	14.783935	50.0	379307.0	2.956787	Y
3	IC 860-12941/4	10.0	27.927146	50.0	404481.0	2.792715	Y
4	IC 860-12941/5	25.0	65.874862	50.0	434577.0	2.634994	Y
5	ICIS 860-12941/6	50.0	146.271428	50.0	408293.0	2.925429	Y
6	IC 860-12941/7	100.0	284.204055	50.0	433491.0	2.842041	Y
7	IC 860-12941/8	150.0	415.75428	50.0	442210.0	2.771695	Y



Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

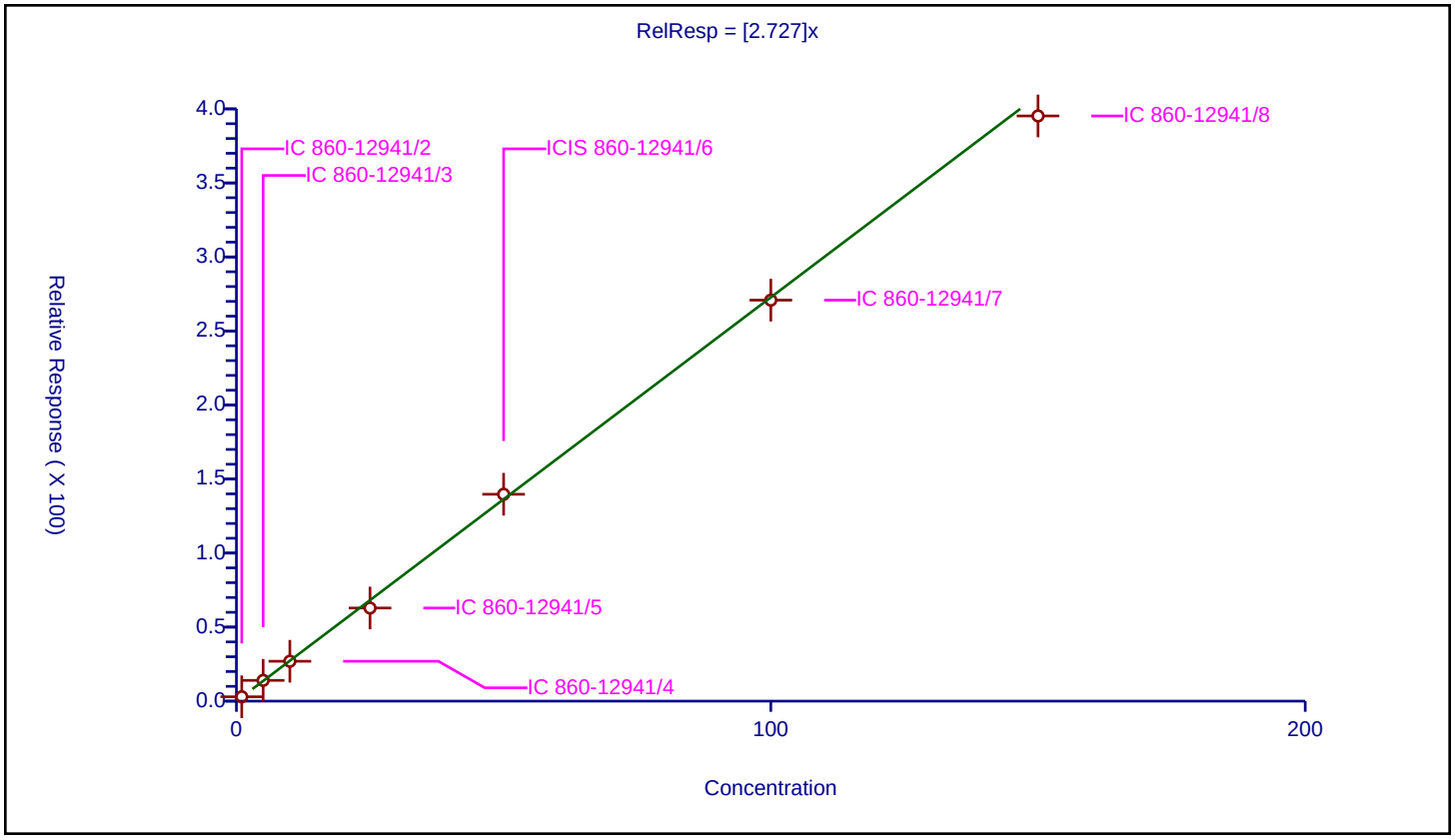
Curve Coefficients

Intercept:	0
Slope:	2.727

Error Coefficients

Standard Error:	1800000
Relative Standard Error:	4.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	2.936465	50.0	382041.0	2.936465	Y
2	IC 860-12941/3	5.0	14.02861	50.0	379307.0	2.805722	Y
3	IC 860-12941/4	10.0	26.942427	50.0	404481.0	2.694243	Y
4	IC 860-12941/5	25.0	62.89898	50.0	434577.0	2.515959	Y
5	ICIS 860-12941/6	50.0	139.721475	50.0	408293.0	2.794429	Y
6	IC 860-12941/7	100.0	270.823154	50.0	433491.0	2.708232	Y
7	IC 860-12941/8	150.0	395.224102	50.0	442210.0	2.634827	Y



Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

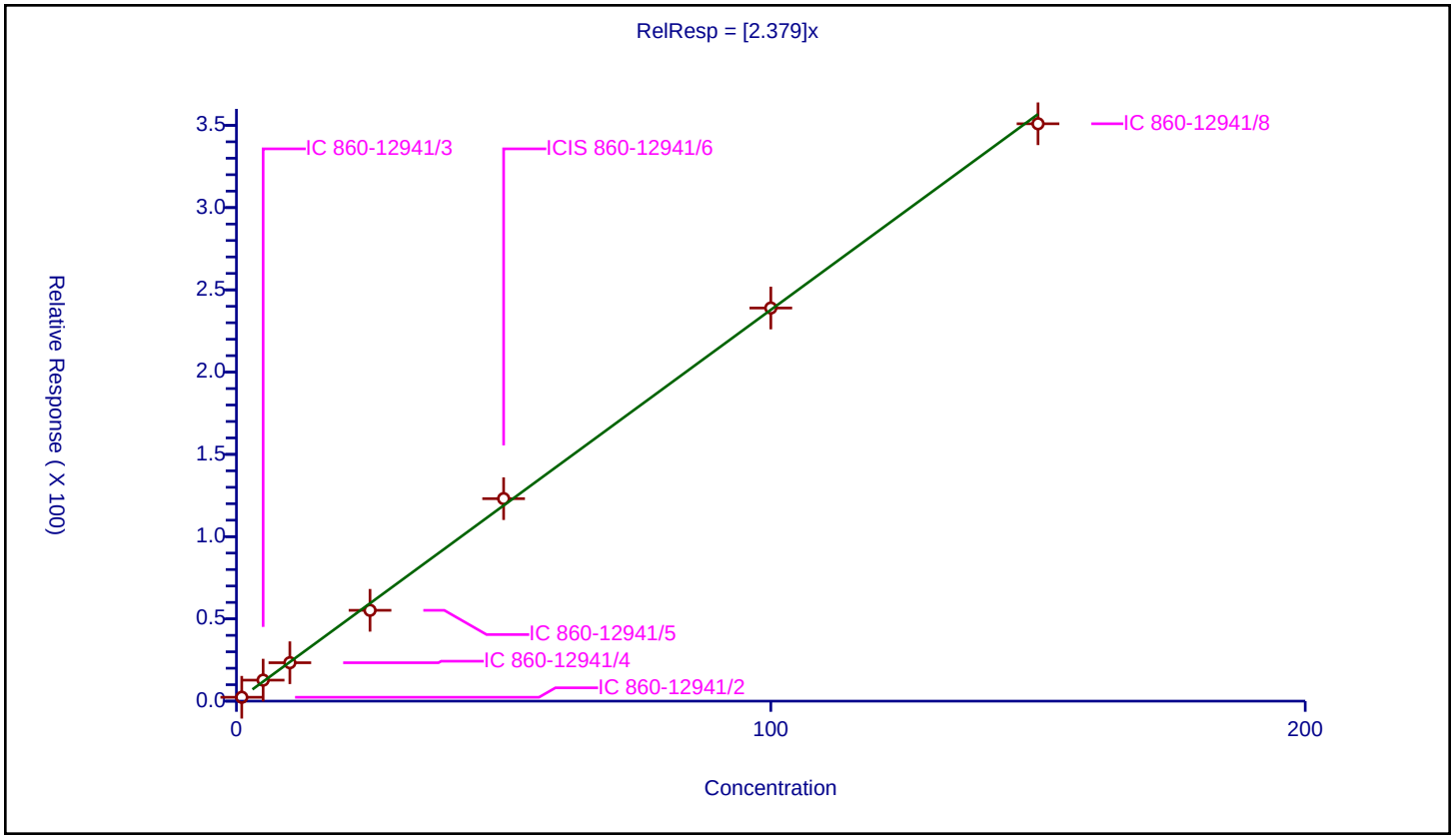
Curve Coefficients

Intercept:	0
Slope:	2.379

Error Coefficients

Standard Error:	1590000
Relative Standard Error:	4.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	2.362966	50.0	382041.0	2.362966	Y
2	IC 860-12941/3	5.0	12.759058	50.0	379307.0	2.551812	Y
3	IC 860-12941/4	10.0	23.358699	50.0	404481.0	2.33587	Y
4	IC 860-12941/5	25.0	55.207017	50.0	434577.0	2.208281	Y
5	ICIS 860-12941/6	50.0	123.089056	50.0	408293.0	2.461781	Y
6	IC 860-12941/7	100.0	238.973589	50.0	433491.0	2.389736	Y
7	IC 860-12941/8	150.0	350.959838	50.0	442210.0	2.339732	Y



Calibration / 1,2,4-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

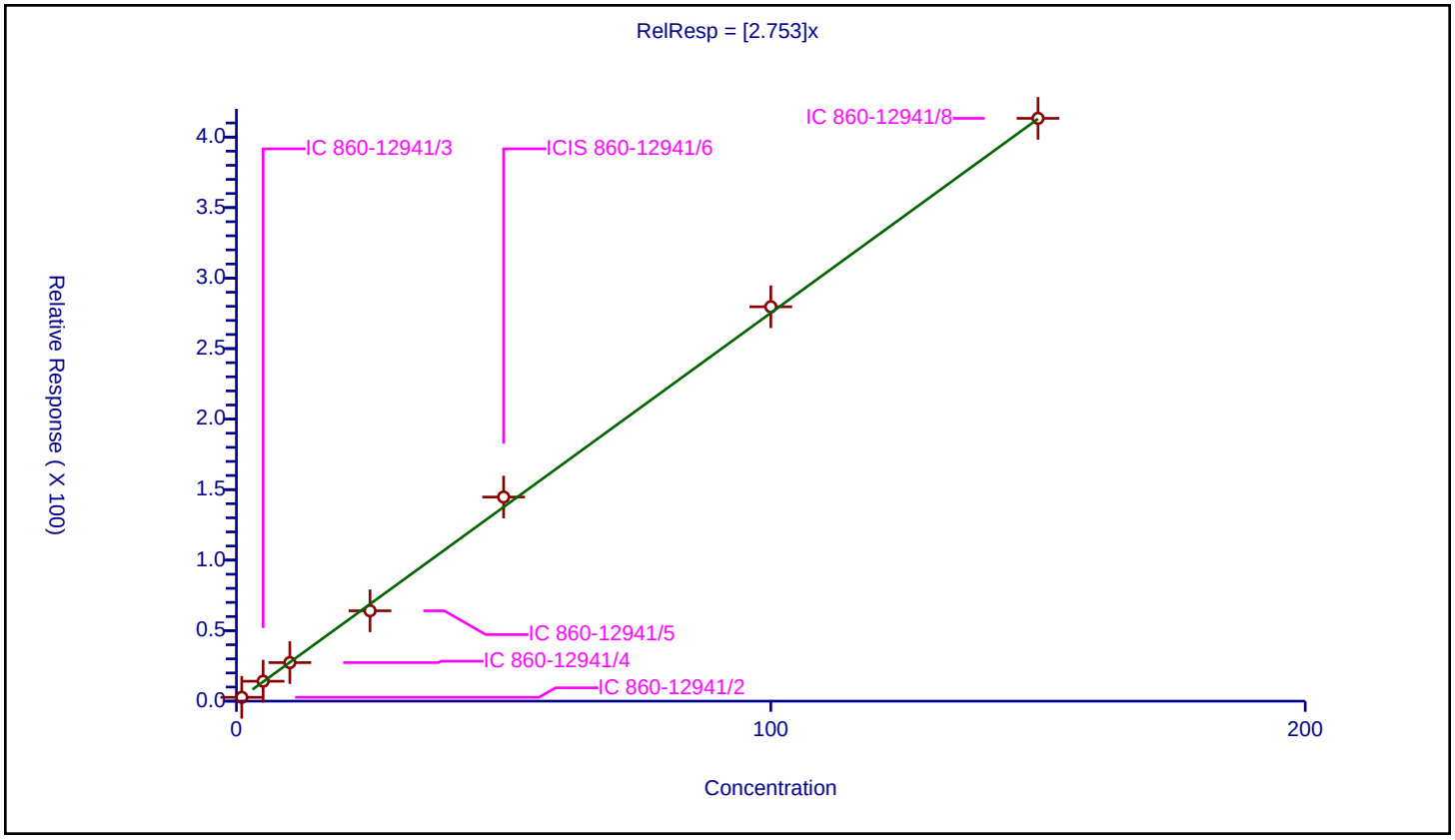
Curve Coefficients

Intercept:	0
Slope:	2.753

Error Coefficients

Standard Error:	1870000
Relative Standard Error:	3.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	2.701673	50.0	382041.0	2.701673	Y
2	IC 860-12941/3	5.0	14.124443	50.0	379307.0	2.824889	Y
3	IC 860-12941/4	10.0	27.349121	50.0	404481.0	2.734912	Y
4	IC 860-12941/5	25.0	64.075066	50.0	434577.0	2.563003	Y
5	ICIS 860-12941/6	50.0	144.73001	50.0	408293.0	2.8946	Y
6	IC 860-12941/7	100.0	279.67478	50.0	433491.0	2.796748	Y
7	IC 860-12941/8	150.0	413.290744	50.0	442210.0	2.755272	Y



Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

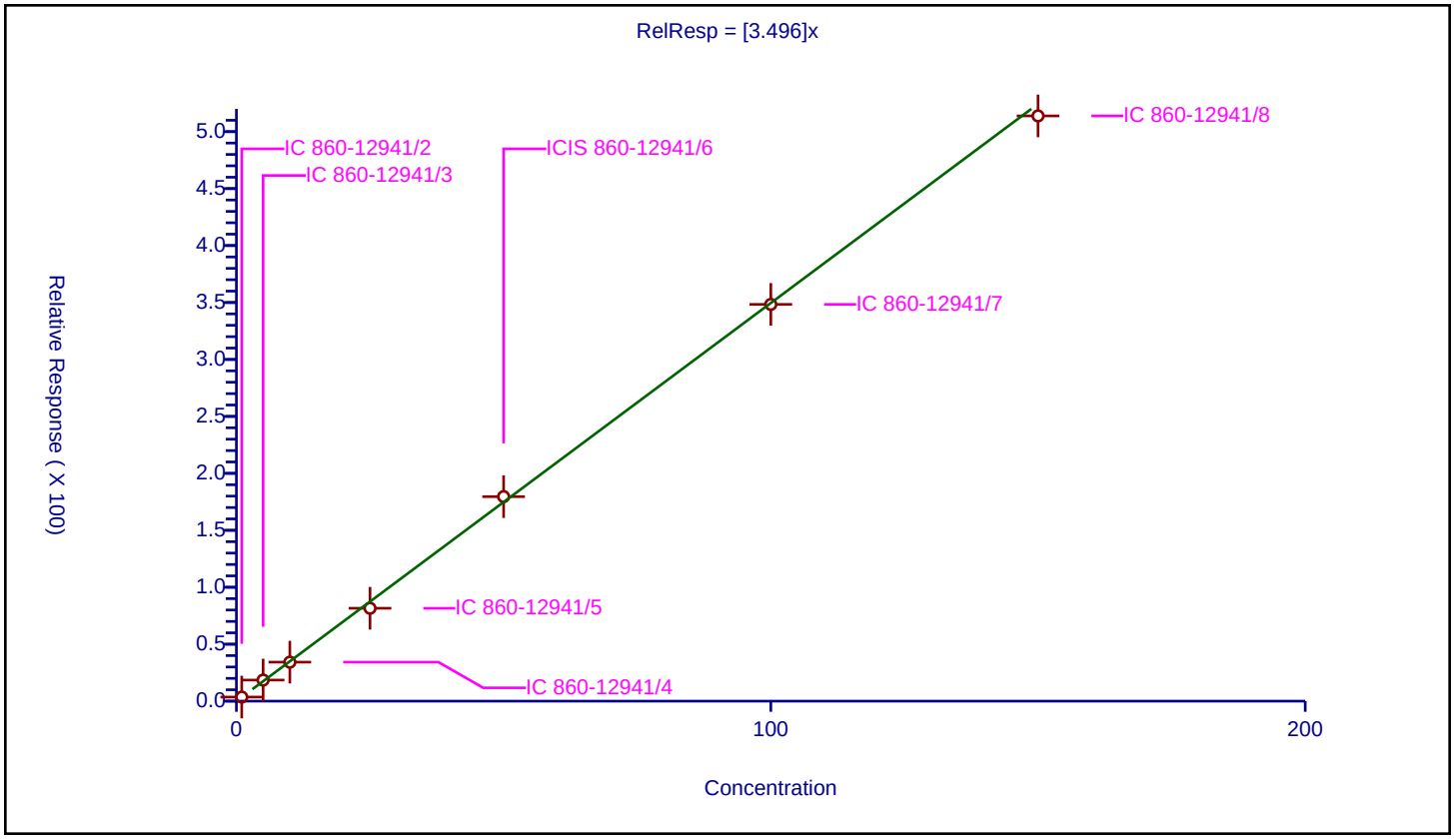
Curve Coefficients

Intercept:	0
Slope:	3.496

Error Coefficients

Standard Error:	2330000
Relative Standard Error:	4.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	3.582207	50.0	382041.0	3.582207	Y
2	IC 860-12941/3	5.0	18.504009	50.0	379307.0	3.700802	Y
3	IC 860-12941/4	10.0	34.239804	50.0	404481.0	3.42398	Y
4	IC 860-12941/5	25.0	81.549185	50.0	434577.0	3.261967	Y
5	ICIS 860-12941/6	50.0	179.558797	50.0	408293.0	3.591176	Y
6	IC 860-12941/7	100.0	348.34541	50.0	433491.0	3.483454	Y
7	IC 860-12941/8	150.0	513.815156	50.0	442210.0	3.425434	Y



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

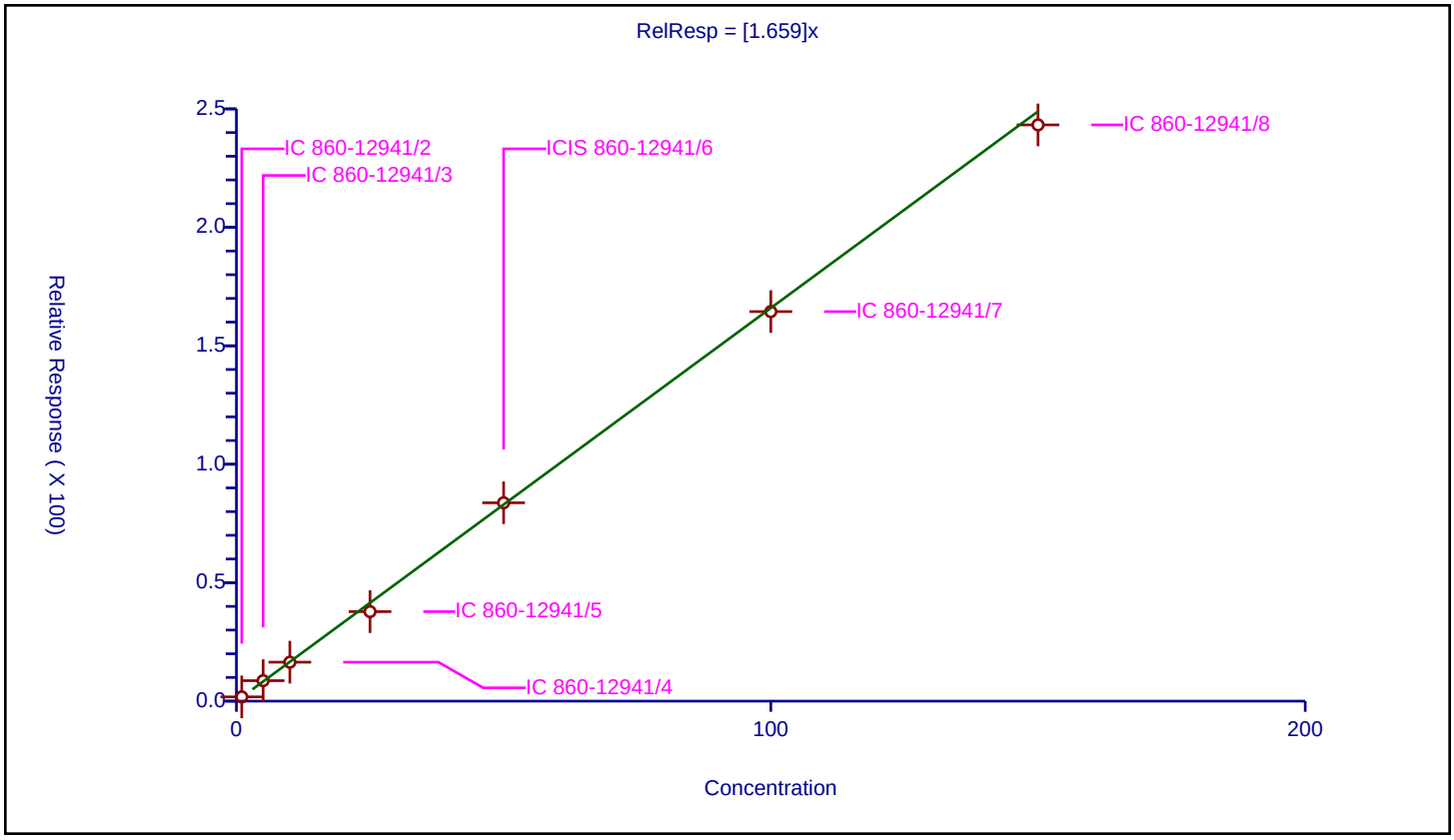
Curve Coefficients

Intercept:	0
Slope:	1.659

Error Coefficients

Standard Error:	1100000
Relative Standard Error:	5.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	1.791169	50.0	382041.0	1.791169	Y
2	IC 860-12941/3	5.0	8.64524	50.0	379307.0	1.729048	Y
3	IC 860-12941/4	10.0	16.441563	50.0	404481.0	1.644156	Y
4	IC 860-12941/5	25.0	37.779496	50.0	434577.0	1.51118	Y
5	ICIS 860-12941/6	50.0	83.727005	50.0	408293.0	1.67454	Y
6	IC 860-12941/7	100.0	164.428443	50.0	433491.0	1.644284	Y
7	IC 860-12941/8	150.0	243.239411	50.0	442210.0	1.621596	Y



Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

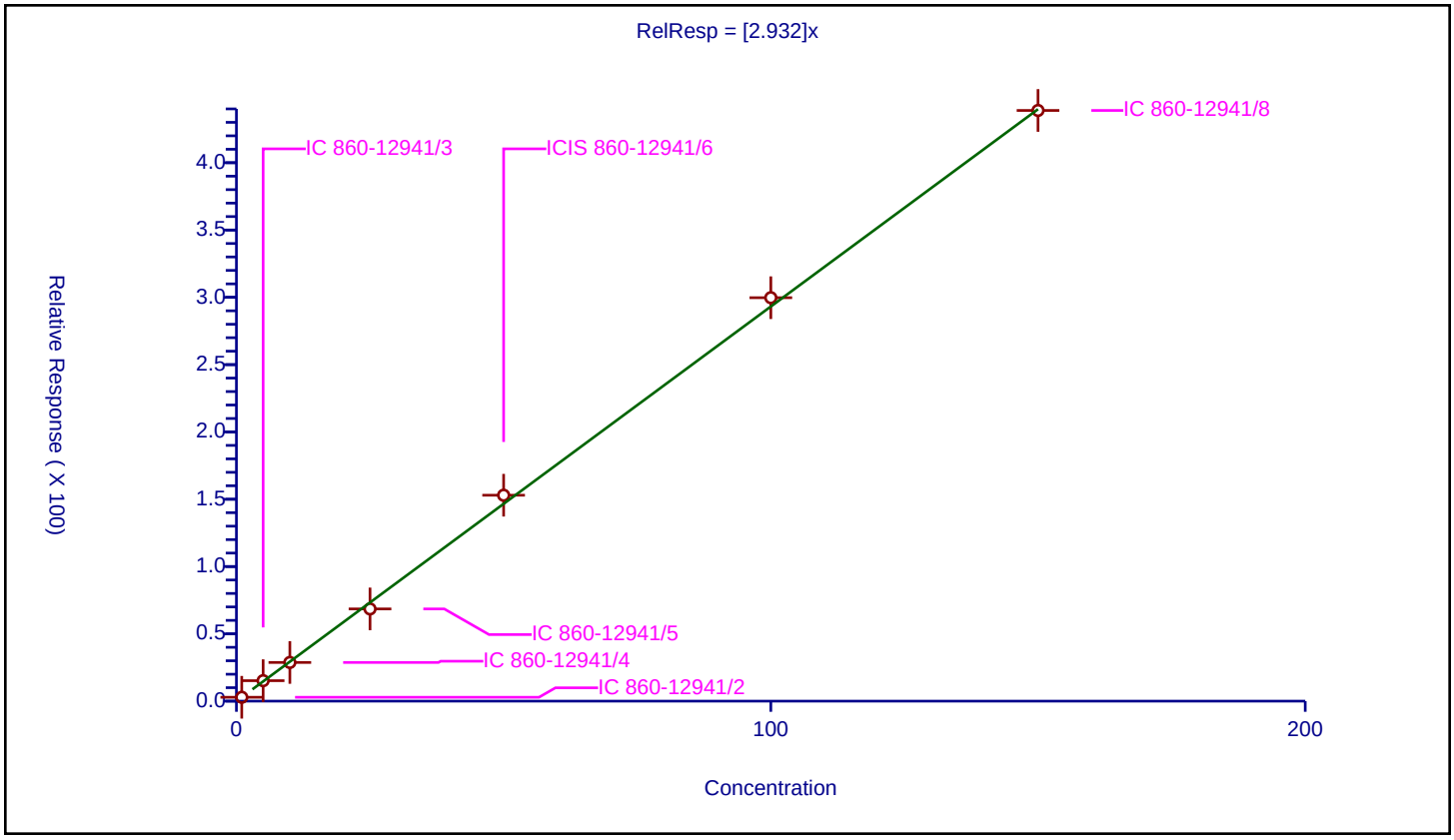
Curve Coefficients

Intercept:	0
Slope:	2.932

Error Coefficients

Standard Error:	1990000
Relative Standard Error:	3.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	2.883198	50.0	382041.0	2.883198	Y
2	IC 860-12941/3	5.0	15.205493	50.0	379307.0	3.041099	Y
3	IC 860-12941/4	10.0	28.749929	50.0	404481.0	2.874993	Y
4	IC 860-12941/5	25.0	68.512715	50.0	434577.0	2.740509	Y
5	ICIS 860-12941/6	50.0	152.986336	50.0	408293.0	3.059727	Y
6	IC 860-12941/7	100.0	299.734827	50.0	433491.0	2.997348	Y
7	IC 860-12941/8	150.0	438.837769	50.0	442210.0	2.925585	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

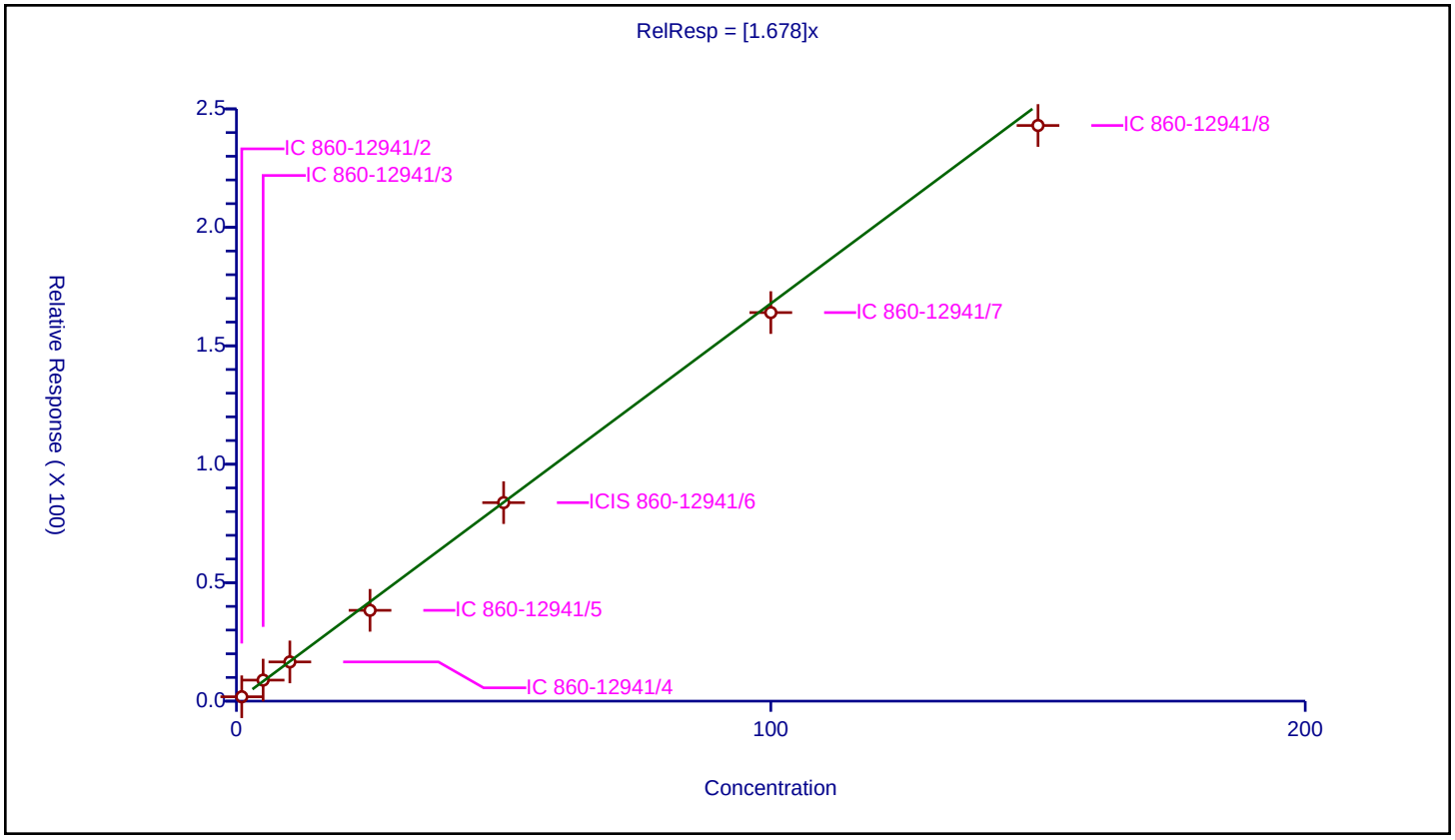
Curve Coefficients

Intercept:	0
Slope:	1.678

Error Coefficients

Standard Error:	1100000
Relative Standard Error:	6.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	1.84954	50.0	382041.0	1.84954	Y
2	IC 860-12941/3	5.0	8.873946	50.0	379307.0	1.774789	Y
3	IC 860-12941/4	10.0	16.552817	50.0	404481.0	1.655282	Y
4	IC 860-12941/5	25.0	38.332102	50.0	434577.0	1.533284	Y
5	ICIS 860-12941/6	50.0	83.795216	50.0	408293.0	1.675904	Y
6	IC 860-12941/7	100.0	164.024743	50.0	433491.0	1.640247	Y
7	IC 860-12941/8	150.0	242.997445	50.0	442210.0	1.619983	Y



Calibration / Dicyclopentadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

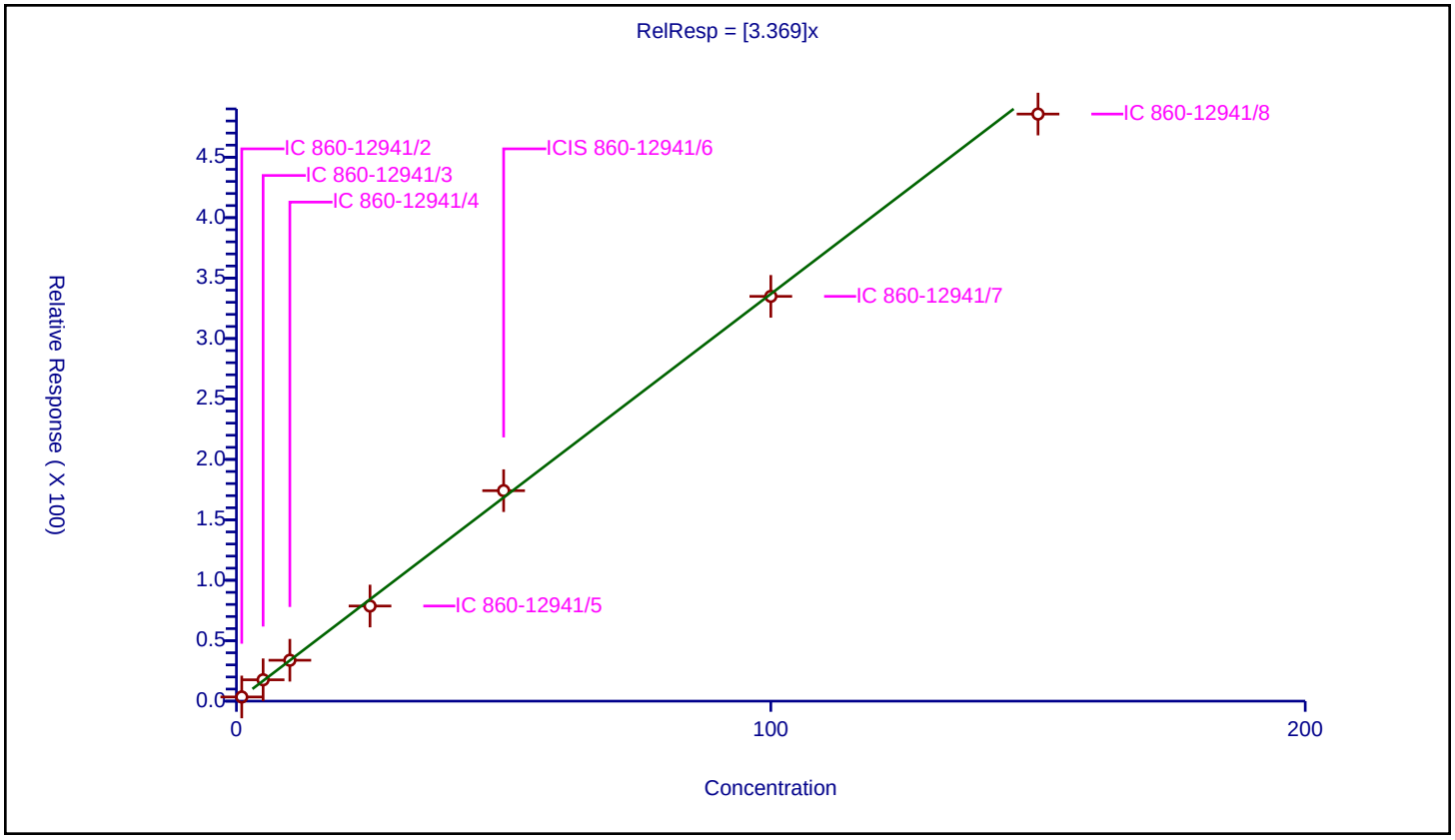
Curve Coefficients

Intercept:	0
Slope:	3.369

Error Coefficients

Standard Error:	2220000
Relative Standard Error:	4.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	3.446227	50.0	382041.0	3.446227	Y
2	IC 860-12941/3	5.0	17.669724	50.0	379307.0	3.533945	Y
3	IC 860-12941/4	10.0	33.846213	50.0	404481.0	3.384621	Y
4	IC 860-12941/5	25.0	78.707111	50.0	434577.0	3.148284	Y
5	ICIS 860-12941/6	50.0	174.128138	50.0	408293.0	3.482563	Y
6	IC 860-12941/7	100.0	334.897495	50.0	433491.0	3.348975	Y
7	IC 860-12941/8	150.0	485.732344	50.0	442210.0	3.238216	Y



Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

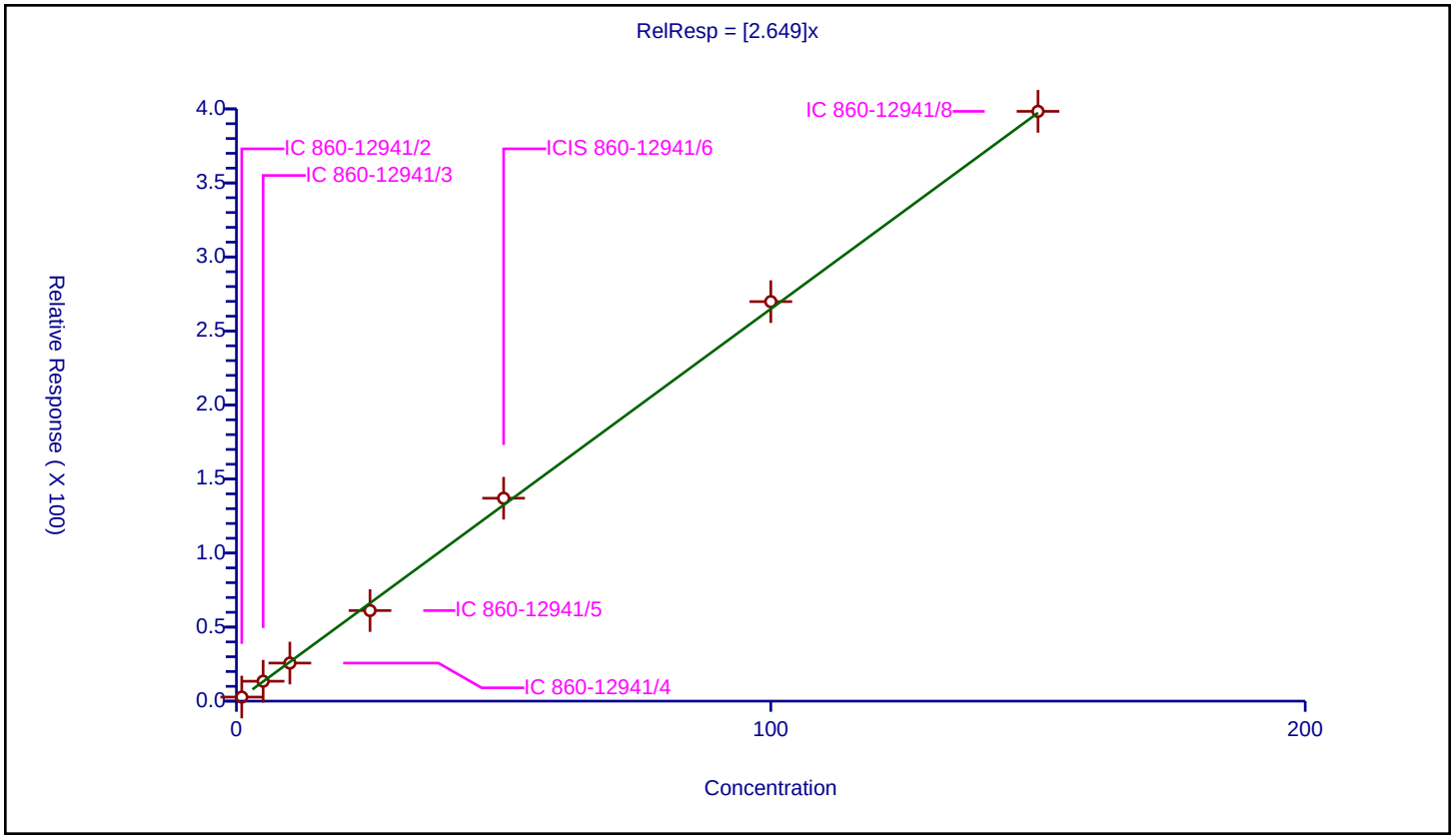
Curve Coefficients

Intercept:	0
Slope:	2.649

Error Coefficients

Standard Error:	1800000
Relative Standard Error:	4.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	2.741721	50.0	382041.0	2.741721	Y
2	IC 860-12941/3	5.0	13.440564	50.0	379307.0	2.688113	Y
3	IC 860-12941/4	10.0	25.720738	50.0	404481.0	2.572074	Y
4	IC 860-12941/5	25.0	61.190077	50.0	434577.0	2.447603	Y
5	ICIS 860-12941/6	50.0	137.046802	50.0	408293.0	2.740936	Y
6	IC 860-12941/7	100.0	269.844241	50.0	433491.0	2.698442	Y
7	IC 860-12941/8	150.0	398.338572	50.0	442210.0	2.65559	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

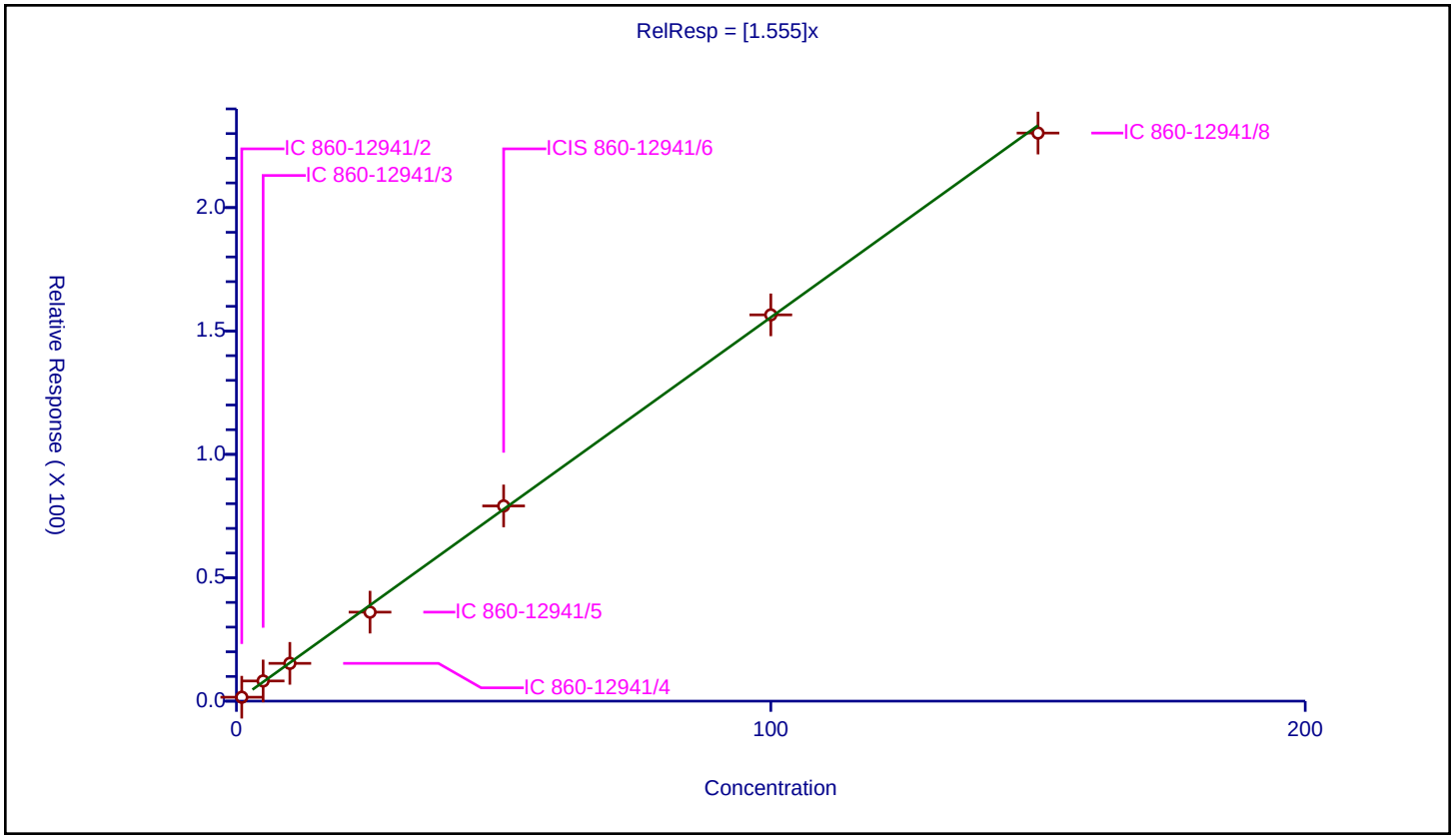
Curve Coefficients

Intercept:	0
Slope:	1.555

Error Coefficients

Standard Error:	1040000
Relative Standard Error:	3.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	1.59564	50.0	382041.0	1.59564	Y
2	IC 860-12941/3	5.0	8.178072	50.0	379307.0	1.635614	Y
3	IC 860-12941/4	10.0	15.310484	50.0	404481.0	1.531048	Y
4	IC 860-12941/5	25.0	36.064725	50.0	434577.0	1.442589	Y
5	ICIS 860-12941/6	50.0	79.106181	50.0	408293.0	1.582124	Y
6	IC 860-12941/7	100.0	156.537621	50.0	433491.0	1.565376	Y
7	IC 860-12941/8	150.0	230.213586	50.0	442210.0	1.534757	Y



Calibration / 1,2-Dibromo-3-Chloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

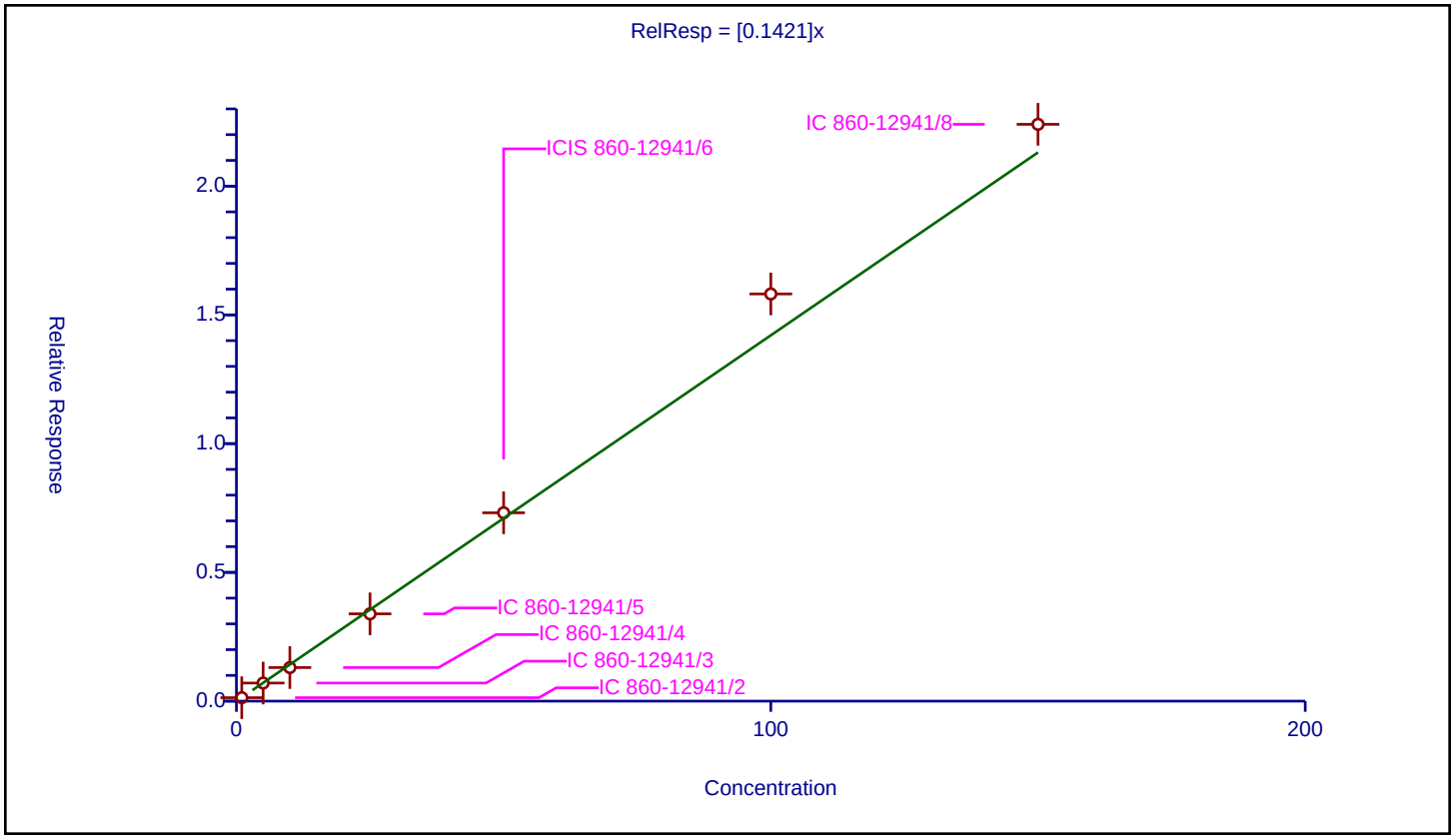
Curve Coefficients

Intercept:	0
Slope:	0.1421

Error Coefficients

Standard Error:	102000
Relative Standard Error:	6.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	0.134148	50.0	382041.0	0.134148	Y
2	IC 860-12941/3	5.0	0.702861	50.0	379307.0	0.140572	Y
3	IC 860-12941/4	10.0	1.303275	50.0	404481.0	0.130328	Y
4	IC 860-12941/5	25.0	3.390078	50.0	434577.0	0.135603	Y
5	ICIS 860-12941/6	50.0	7.314478	50.0	408293.0	0.14629	Y
6	IC 860-12941/7	100.0	15.813592	50.0	433491.0	0.158136	Y
7	IC 860-12941/8	150.0	22.400669	50.0	442210.0	0.149338	Y



Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

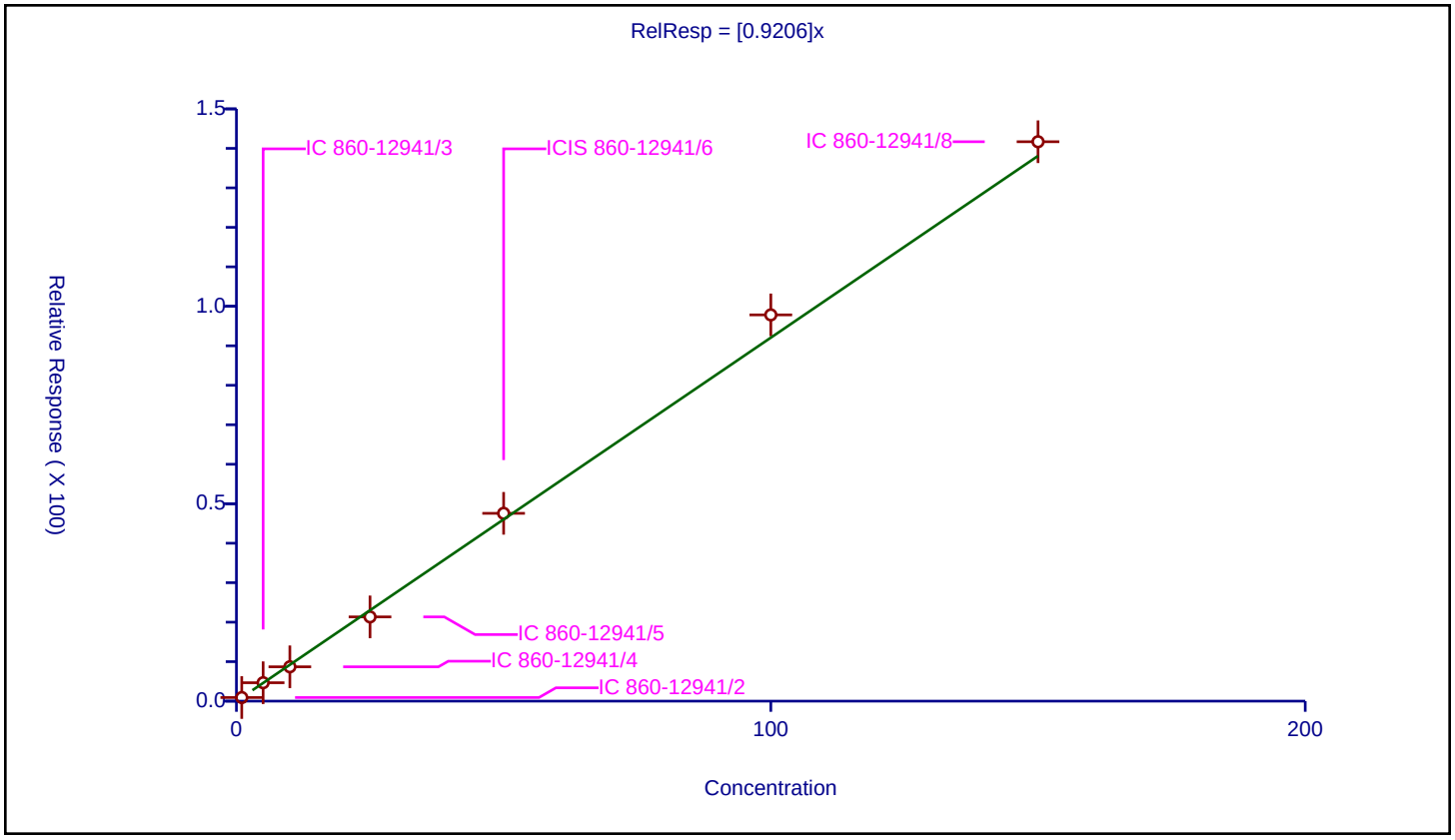
Curve Coefficients

Intercept:	0
Slope:	0.9206

Error Coefficients

Standard Error:	643000
Relative Standard Error:	4.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	0.913645	50.0	382041.0	0.913645	Y
2	IC 860-12941/3	5.0	4.663373	50.0	379307.0	0.932675	Y
3	IC 860-12941/4	10.0	8.698678	50.0	404481.0	0.869868	Y
4	IC 860-12941/5	25.0	21.342248	50.0	434577.0	0.85369	Y
5	ICIS 860-12941/6	50.0	47.565596	50.0	408293.0	0.951312	Y
6	IC 860-12941/7	100.0	97.830751	50.0	433491.0	0.978308	Y
7	IC 860-12941/8	150.0	141.685738	50.0	442210.0	0.944572	Y



Calibration / Hexachlorobutadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

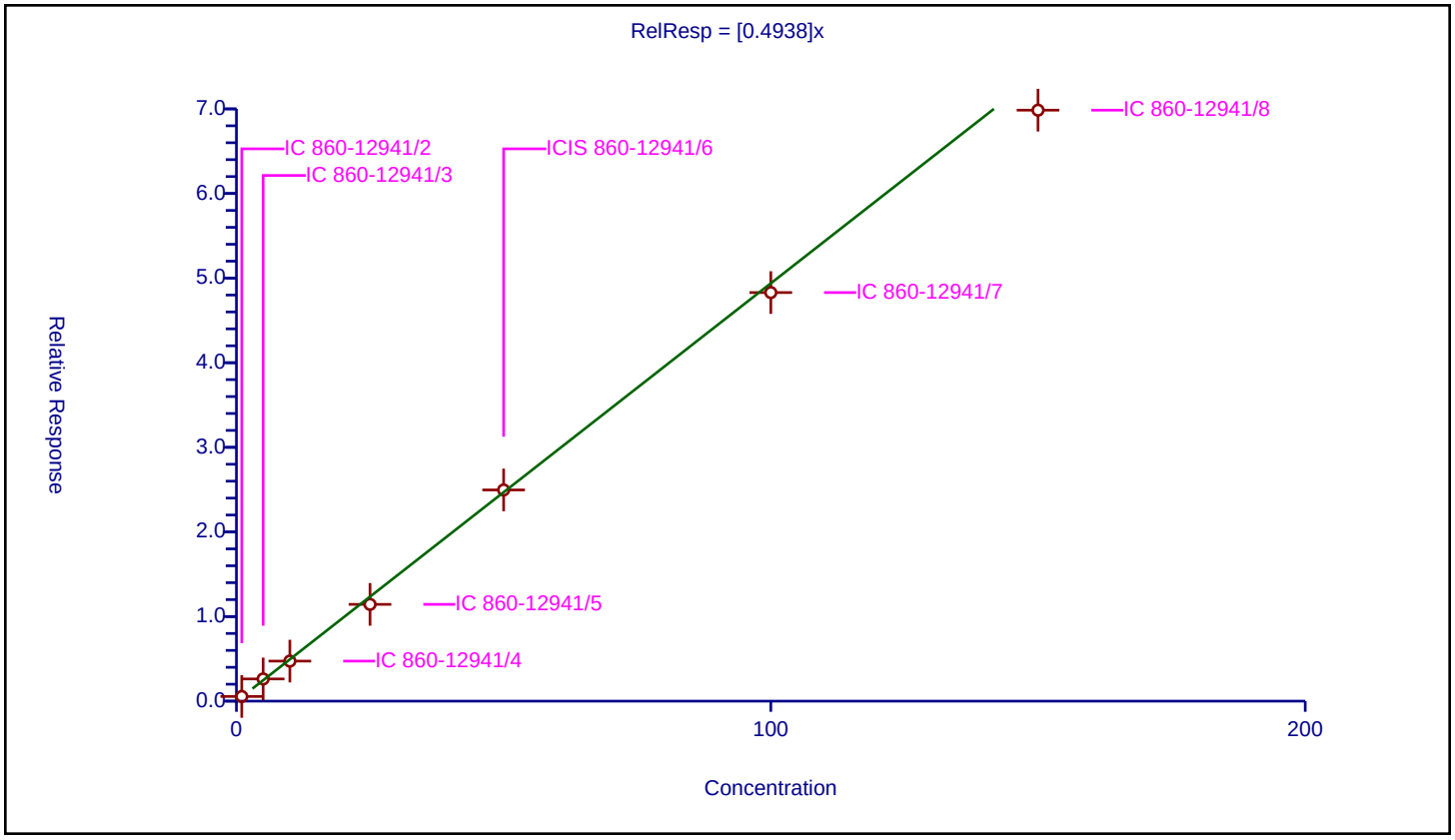
Curve Coefficients

Intercept:	0
Slope:	0.4938

Error Coefficients

Standard Error:	319000
Relative Standard Error:	7.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	0.553475	50.0	382041.0	0.553475	Y
2	IC 860-12941/3	5.0	2.623073	50.0	379307.0	0.524615	Y
3	IC 860-12941/4	10.0	4.733226	50.0	404481.0	0.473323	Y
4	IC 860-12941/5	25.0	11.438249	50.0	434577.0	0.45753	Y
5	ICIS 860-12941/6	50.0	24.961853	50.0	408293.0	0.499237	Y
6	IC 860-12941/7	100.0	48.291429	50.0	433491.0	0.482914	Y
7	IC 860-12941/8	150.0	69.84781	50.0	442210.0	0.465652	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

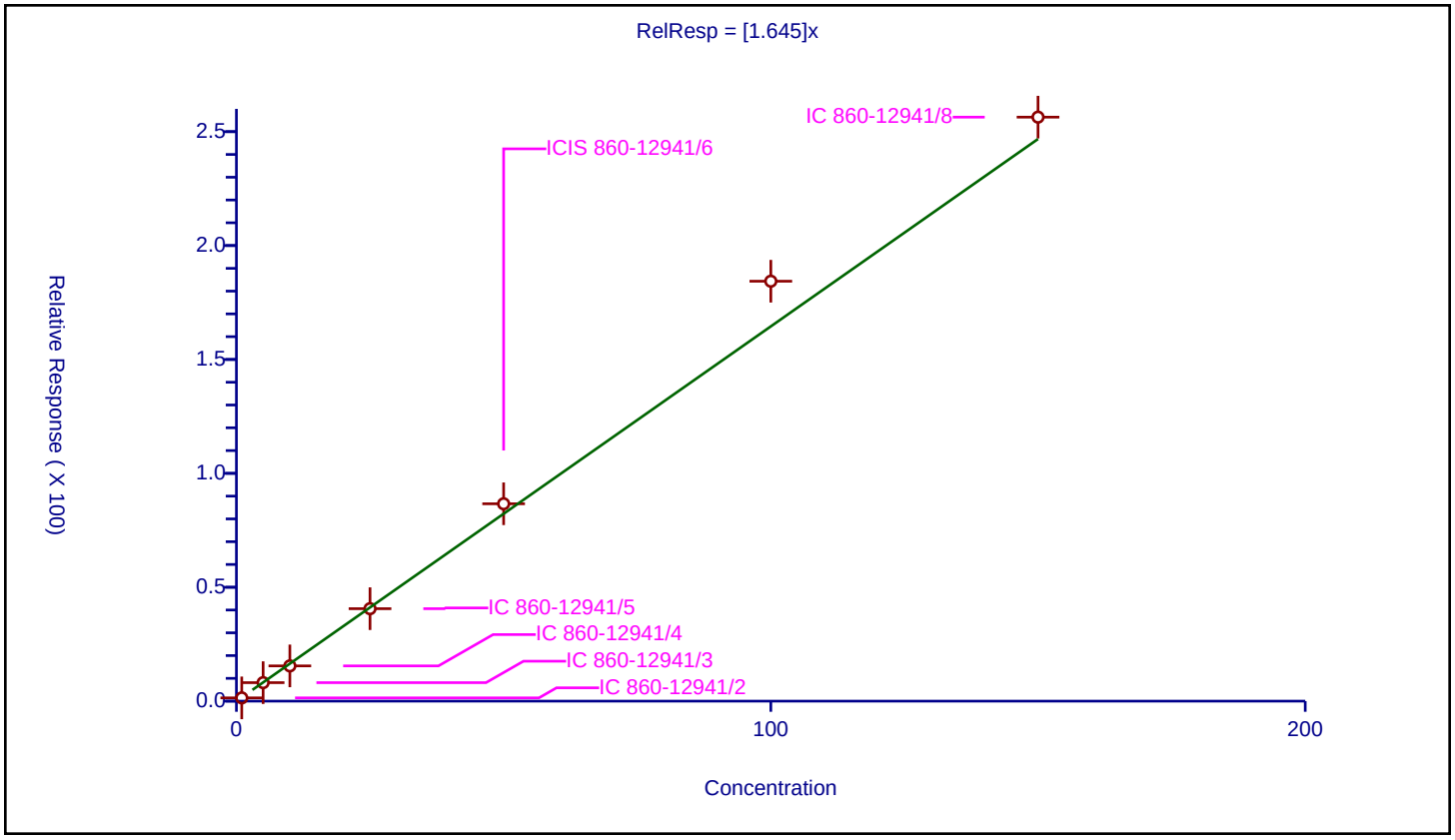
Curve Coefficients

Intercept:	0
Slope:	1.645

Error Coefficients

Standard Error:	1180000
Relative Standard Error:	8.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	1.435317	50.0	382041.0	1.435317	Y
2	IC 860-12941/3	5.0	8.121126	50.0	379307.0	1.624225	Y
3	IC 860-12941/4	10.0	15.474893	50.0	404481.0	1.547489	Y
4	IC 860-12941/5	25.0	40.594992	50.0	434577.0	1.6238	Y
5	ICIS 860-12941/6	50.0	86.642068	50.0	408293.0	1.732841	Y
6	IC 860-12941/7	100.0	184.346388	50.0	433491.0	1.843464	Y
7	IC 860-12941/8	150.0	256.377061	50.0	442210.0	1.70918	Y



Calibration / 1,2,3-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

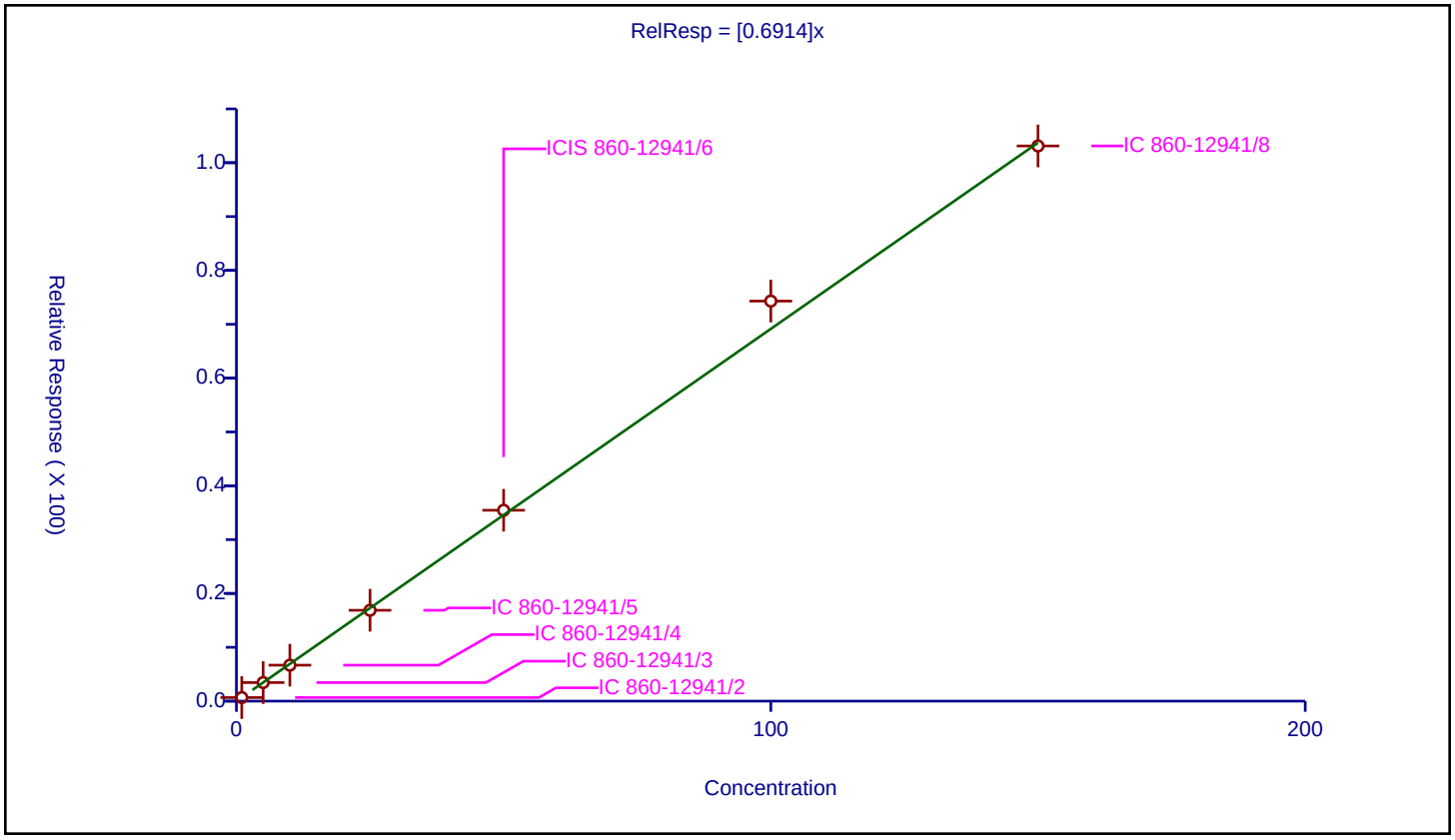
Curve Coefficients

Intercept:	0
Slope:	0.6914

Error Coefficients

Standard Error:	475000
Relative Standard Error:	3.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	0.666682	50.0	382041.0	0.666682	Y
2	IC 860-12941/3	5.0	3.452217	50.0	379307.0	0.690443	Y
3	IC 860-12941/4	10.0	6.682638	50.0	404481.0	0.668264	Y
4	IC 860-12941/5	25.0	16.875721	50.0	434577.0	0.675029	Y
5	ICIS 860-12941/6	50.0	35.455053	50.0	408293.0	0.709101	Y
6	IC 860-12941/7	100.0	74.301889	50.0	433491.0	0.743019	Y
7	IC 860-12941/8	150.0	103.113114	50.0	442210.0	0.687421	Y



Calibration / 2-Methylnaphthalene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

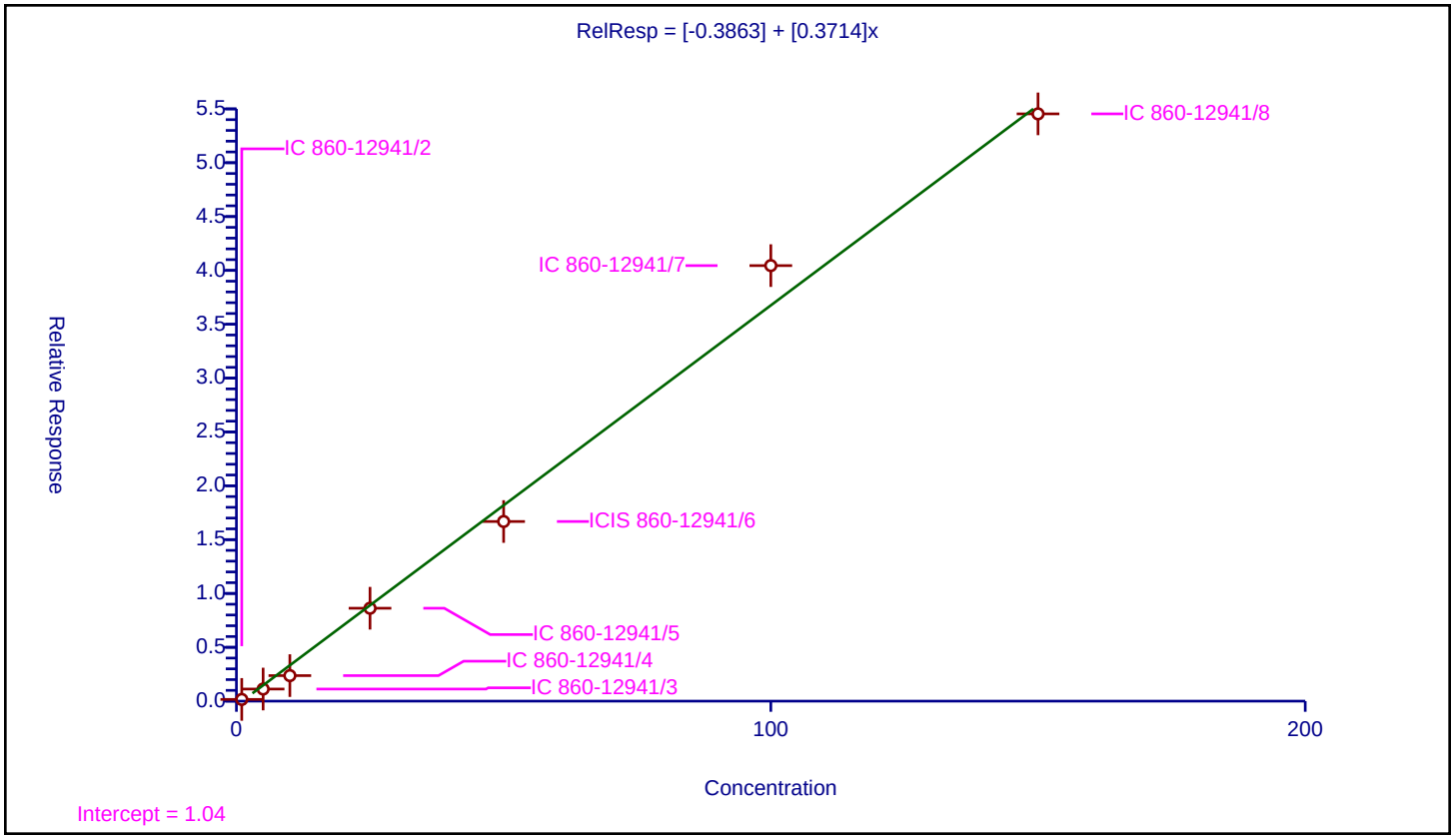
Curve Coefficients

Intercept:	-0.3863
Slope:	0.3714

Error Coefficients

Standard Error:	276000
Relative Standard Error:	26.1
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	0.159538	50.0	382041.0	0.159538	Y
2	IC 860-12941/3	5.0	1.123101	50.0	379307.0	0.22462	Y
3	IC 860-12941/4	10.0	2.37131	50.0	404481.0	0.237131	Y
4	IC 860-12941/5	25.0	8.627815	50.0	434577.0	0.345113	Y
5	ICIS 860-12941/6	50.0	16.682015	50.0	408293.0	0.33364	Y
6	IC 860-12941/7	100.0	40.447207	50.0	433491.0	0.404472	Y
7	IC 860-12941/8	150.0	54.536532	50.0	442210.0	0.363577	Y



Calibration / 1-Methylnaphthalene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

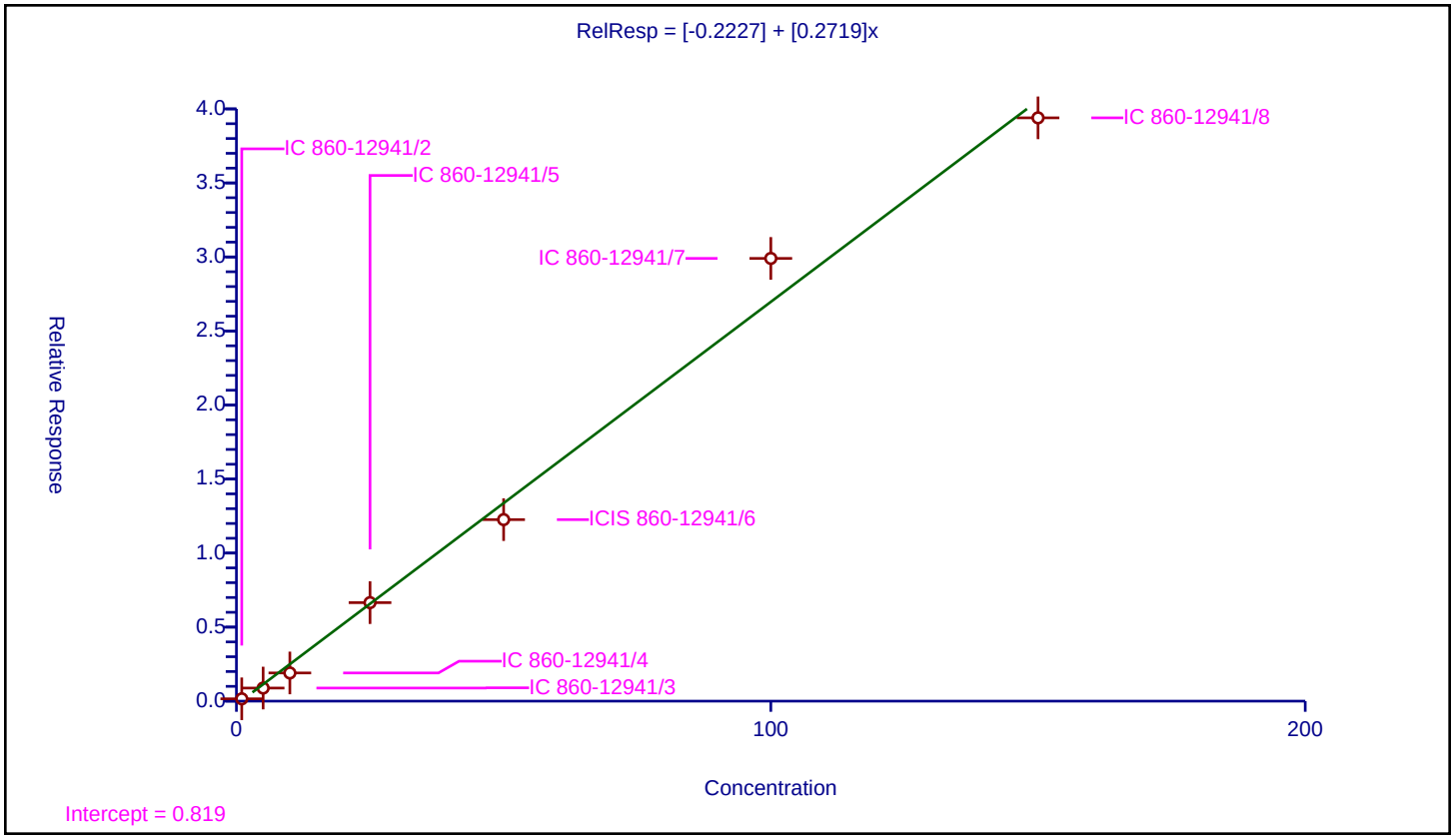
Curve Coefficients

Intercept:	-0.2227
Slope:	0.2719

Error Coefficients

Standard Error:	201000
Relative Standard Error:	22.7
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-12941/2	1.0	0.156528	50.0	382041.0	0.156528	Y
2	IC 860-12941/3	5.0	0.884244	50.0	379307.0	0.176849	Y
3	IC 860-12941/4	10.0	1.90318	50.0	404481.0	0.190318	Y
4	IC 860-12941/5	25.0	6.653712	50.0	434577.0	0.266148	Y
5	ICIS 860-12941/6	50.0	12.259946	50.0	408293.0	0.245199	Y
6	IC 860-12941/7	100.0	29.901659	50.0	433491.0	0.299017	Y
7	IC 860-12941/8	150.0	39.395875	50.0	442210.0	0.262639	Y



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Lab Sample ID: ICV 860-9678/11 Calibration Date: 06/02/2021 17:02

Instrument ID: A131 Calib Start Date: 06/02/2021 13:43

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 06/02/2021 16:20

Lab File ID: J99656.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chloromethane	Ave	0.5052	0.4869		48.2	50.0	-3.6	30.0
Vinyl chloride	Ave	0.5303	0.5128		48.4	50.0	-3.3	30.0
1,1-Dichloroethene	Ave	0.4276	0.3754		43.9	50.0	-12.2	30.0
Acetone	Lin1		0.1629		270	250	8.1	50.0
MTBE	Ave	1.095	1.139		52.0	50.0	4.0	30.0
trans-1,2-Dichloroethene	Ave	0.4085	0.4043		49.5	50.0	-1.0	30.0
1,1-Dichloroethane	Ave	0.7835	0.8146		52.0	50.0	4.0	30.0
cis-1,2-Dichloroethene	Ave	0.6189	0.6432		52.0	50.0	3.9	30.0
2-Butanone	Ave	0.1892	0.2058		272	250	8.8	50.0
Chloroform	Ave	0.8942	0.8897		49.8	50.0	-0.5	30.0
Carbon tetrachloride	Ave	0.7450	0.7994		53.6	50.0	7.3	30.0
Benzene	Ave	1.170	1.094		46.7	50.0	-6.5	30.0
1,2-Dichloroethane	Ave	0.4070	0.4088		50.2	50.0	0.4	30.0
Trichloroethene	Ave	0.3386	0.3240		47.8	50.0	-4.3	30.0
1,2-Dichloropropane	Ave	0.2958	0.2908		49.2	50.0	-1.7	30.0
Toluene	Ave	0.7511	0.7051		46.9	50.0	-6.1	30.0
Tetrachloroethene	Ave	0.3137	0.2983		47.6	50.0	-4.9	30.0
Chlorobenzene	Ave	0.8949	0.8645		48.3	50.0	-3.4	30.0
Ethylbenzene	Ave	1.428	1.380		48.3	50.0	-3.3	30.0
m,p-Xylenes	Ave	1.089	1.058		97.2	100	-2.8	30.0
o-Xylene	Ave	1.157	1.150		49.7	50.0	-0.6	30.0
Bromoform	Ave	0.2949	0.2985		50.6	50.0	1.2	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6766	0.6597		48.8	50.0	-2.5	30.0
1,4-Dichlorobenzene	Ave	1.302	1.295		49.7	50.0	-0.5	30.0
Hexachlorobutadiene	Ave	0.3822	0.4189		54.8	50.0	9.6	50.0
Dibromofluoromethane (Surr)	Ave	0.5173	0.5166		49.9	50.0	-0.1	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3542	0.3387		47.8	50.0	-4.4	30.0
Toluene-d8 (Surr)	Ave	1.181	1.147		48.6	50.0	-2.9	30.0
4-Bromofluorobenzene (Surr)	Ave	0.9354	0.9098		48.6	50.0	-2.7	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Lab Sample ID: CCVIS 860-14439/2 Calibration Date: 07/09/2021 11:11

Instrument ID: A131 Calib Start Date: 06/02/2021 13:43

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 06/02/2021 16:20

Lab File ID: J00497.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chloromethane	Ave	0.5052	0.4516		44.7	50.0	-10.6	20.0
Vinyl chloride	Ave	0.5303	0.4775		45.0	50.0	-9.9	20.0
1,1-Dichloroethene	Ave	0.4276	0.3772		44.1	50.0	-11.8	20.0
Acetone	Lin1		0.1966		325	250	29.9	50.0
MTBE	Ave	1.095	1.042		47.6	50.0	-4.8	20.0
trans-1,2-Dichloroethene	Ave	0.4085	0.3850		47.1	50.0	-5.7	20.0
1,1-Dichloroethane	Ave	0.7835	0.7364		47.0	50.0	-6.0	20.0
cis-1,2-Dichloroethene	Ave	0.6189	0.5615		45.4	50.0	-9.3	20.0
2-Butanone	Ave	0.1892	0.2486		329	250	31.4	50.0
Chloroform	Ave	0.8942	0.8058		45.1	50.0	-9.9	20.0
Carbon tetrachloride	Ave	0.7450	0.7269		48.8	50.0	-2.4	20.0
Benzene	Ave	1.170	1.051		44.9	50.0	-10.2	20.0
1,2-Dichloroethane	Ave	0.4070	0.3589		44.1	50.0	-11.8	20.0
Trichloroethene	Ave	0.3386	0.3107		45.9	50.0	-8.2	20.0
1,2-Dichloropropane	Ave	0.2958	0.2776		46.9	50.0	-6.2	20.0
Toluene	Ave	0.7511	0.7029		46.8	50.0	-6.4	20.0
Tetrachloroethene	Ave	0.3137	0.2992		47.7	50.0	-4.6	20.0
Chlorobenzene	Ave	0.8949	0.8864		49.5	50.0	-0.9	20.0
Ethylbenzene	Ave	1.428	1.368		47.9	50.0	-4.2	20.0
m,p-Xylenes	Ave	1.089	1.052		96.6	100	-3.4	20.0
o-Xylene	Ave	1.157	1.130		48.8	50.0	-2.3	20.0
Bromoform	Ave	0.2949	0.2906		49.3	50.0	-1.5	20.0
1,1,2,2-Tetrachloroethane	Ave	0.6766	0.7158		52.9	50.0	5.8	20.0
1,4-Dichlorobenzene	Ave	1.302	1.424		54.7	50.0	9.4	20.0
Hexachlorobutadiene	Ave	0.3822	0.4661		61.0	50.0	21.9	50.0
Dibromofluoromethane (Surr)	Ave	0.5173	0.4884		47.2	50.0	-5.6	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3542	0.3059		43.2	50.0	-13.6	20.0
Toluene-d8 (Surr)	Ave	1.181	1.124		47.6	50.0	-4.9	20.0
4-Bromofluorobenzene (Surr)	Ave	0.9354	0.8476		45.3	50.0	-9.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Lab Sample ID: ICV 860-12941/9 Calibration Date: 06/28/2021 13:57

Instrument ID: A292 Calib Start Date: 04/08/2021 20:09

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 04/08/2021 22:03

Lab File ID: E12211156.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diethyl ether	Ave	0.3963			0.100	50.0		

FORM VII 8260C

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Lab Sample ID: ICV 860-12941/9 Calibration Date: 06/28/2021 13:57

Instrument ID: A292 Calib Start Date: 06/28/2021 11:24

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 06/28/2021 13:18

Lab File ID: E12211156.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propene	Ave	0.3097	0.2730		44.1	50.0	-11.8	30.0
Dichlorodifluoromethane	Ave	0.3957	0.3695		46.7	50.0	-6.6	50.0
Chloromethane	Ave	0.4304	0.4211		48.9	50.0	-2.2	30.0
Vinyl chloride	Ave	0.4828	0.4639		48.0	50.0	-3.9	30.0
1,3-Butadiene	Ave	0.3738	0.3530		47.2	50.0	-5.6	50.0
Bromomethane	Ave	0.4155	0.4059		48.8	50.0	-2.3	30.0
Chloroethane	Ave	0.2884	0.2755		47.8	50.0	-4.5	30.0
Trichlorofluoromethane	Ave	0.7177	0.6690		46.6	50.0	-6.8	30.0
Acrolein	Ave	0.0558	0.0531		238	250	-4.8	50.0
1,1-Dichloroethene	Ave	0.4169	0.3985		47.8	50.0	-4.4	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3558	0.3374		47.4	50.0	-5.2	30.0
Acetone	Ave	0.0710	0.0646		228	250	-9.0	50.0
Iodomethane (Methyl Iodide)	Ave	0.5381	0.5321		49.4	50.0	-1.1	50.0
Carbon disulfide	Ave	1.183	1.123		47.5	50.0	-5.1	30.0
Acetonitrile	Ave	0.0336	0.0369		274	250	9.7	30.0
Allyl Chloride (3-Chloropropene)	Ave	0.2435	0.2623		53.9	50.0	7.7	30.0
Methyl acetate	Ave	0.3390	0.3278		484	500	-3.3	30.0
Methylene Chloride	Ave	0.4970	0.4531		45.6	50.0	-8.8	50.0
tert-Butyl alcohol	Ave	0.0369	0.0341		231	250	-7.6	30.0
Acrylonitrile	Ave	0.1609	0.1567		243	250	-2.6	50.0
trans-1,2-Dichloroethene	Ave	0.4555	0.4419		48.5	50.0	-3.0	30.0
MTBE	Ave	1.323	1.308		49.4	50.0	-1.2	30.0
n-Hexane	Ave	0.5964	0.5688		47.7	50.0	-4.6	30.0
1,1-Dichloroethane	Ave	0.8203	0.7910		48.2	50.0	-3.6	30.0
Vinyl acetate	Ave	0.8676	0.8224		237	250	-5.2	50.0
Isopropyl ether	Ave	1.312	1.288		49.1	50.0	-1.8	30.0
Chloroprene	Ave	0.6507	0.6967		53.5	50.0	7.1	30.0
Ethyl tert-butyl ether	Ave	1.338	1.320		49.3	50.0	-1.4	30.0
2,2-Dichloropropane	Ave	0.7261	0.6971		48.0	50.0	-4.0	30.0
cis-1,2-Dichloroethene	Ave	0.7794	0.7626		48.9	50.0	-2.2	30.0
2-Butanone	Ave	0.0677	0.0646		239	250	-4.5	50.0
Propane Nitrile (Propionitrile)	Ave	0.0589	0.0569		48.4	50.0	-3.3	30.0
Methacrylonitrile	Ave	0.1940	0.1998		51.5	50.0	3.0	30.0
Bromochloromethane	Ave	0.3434	0.3408		49.6	50.0	-0.7	30.0
Tetrahydrofuran	Ave	0.1385	0.1287		46.5	50.0	-7.0	30.0
Chloroform	Ave	0.8767	0.8423		48.0	50.0	-3.9	30.0
1,1,1-Trichloroethane	Ave	0.7466	0.7179		48.1	50.0	-3.8	30.0
Cyclohexane	Ave	0.6700	0.5902		44.0	50.0	-11.9	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Lab Sample ID: ICV 860-12941/9 Calibration Date: 06/28/2021 13:57

Instrument ID: A292 Calib Start Date: 06/28/2021 11:24

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 06/28/2021 13:18

Lab File ID: E12211156.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1-Dichloropropene	Ave	0.6240	0.6039		48.4	50.0	-3.2	30.0
Carbon tetrachloride	Ave	0.6775	0.6477		47.8	50.0	-4.4	30.0
Isobutanol	Ave	0.0097	0.0098		501	500	0.3	50.0
Benzene	Ave	1.295	1.242		48.0	50.0	-4.0	30.0
1,2-Dichloroethane	Ave	0.4703	0.4456		47.4	50.0	-5.2	30.0
2,2,4-Trimethylpentane	Ave	0.7673	0.7788		102	100	1.5	30.0
Tert-amyl methyl ether	Ave	0.8572	0.8380		48.9	50.0	-2.2	30.0
Trichloroethene	Ave	0.3520	0.3391		48.2	50.0	-3.7	30.0
Methylcyclohexane	Ave	0.5219	0.4910		47.0	50.0	-5.9	30.0
1,2-Dichloropropane	Ave	0.3604	0.3466		48.1	50.0	-3.8	30.0
Dibromomethane	Ave	0.2272	0.2175		47.9	50.0	-4.3	30.0
Methyl methacrylate	Ave	0.2203	0.2281		51.8	50.0	3.6	50.0
1,4-Dioxane (P-Dioxane)	Ave	0.0021	0.0023		561	500	12.2	50.0
Bromodichloromethane	Ave	0.4558	0.4380		48.0	50.0	-3.9	30.0
2-Chloroethyl vinyl ether	Ave	0.1458	0.1473		50.5	50.0	1.0	30.0
cis-1,3-Dichloropropene	Ave	0.5431	0.5327		49.0	50.0	-1.9	30.0
4-Methyl-2-pentanone	Ave	0.3018	0.2934		243	250	-2.8	50.0
Toluene	Ave	0.9244	0.8738		47.3	50.0	-5.5	30.0
trans-1,3-Dichloropropene	Ave	0.5679	0.5492		48.4	50.0	-3.3	30.0
Ethyl methacrylate	Ave	0.4799	0.4708		49.1	50.0	-1.9	50.0
1,1,2-Trichloroethane	Ave	0.3097	0.2943		47.5	50.0	-5.0	30.0
Tetrachloroethene	Ave	0.3386	0.3176		46.9	50.0	-6.2	30.0
1,3-Dichloropropane	Ave	0.5617	0.5390		48.0	50.0	-4.0	30.0
2-Hexanone	Ave	0.2739	0.2630		240	250	-4.0	50.0
Dibromochloromethane	Ave	0.4008	0.3857		48.1	50.0	-3.8	30.0
1,2-Dibromoethane	Ave	0.3624	0.3513		48.5	50.0	-3.1	30.0
1-Chlorohexane	Lin1		0.3414		47.7	50.0	-4.6	30.0
Chlorobenzene	Ave	1.040	0.9860		47.4	50.0	-5.2	30.0
1,1,1,2-Tetrachloroethane	Ave	0.3825	0.3665		47.9	50.0	-4.2	30.0
Ethylbenzene	Ave	1.761	1.684		47.8	50.0	-4.4	30.0
m,p-Xylenes	Ave	1.355	1.314		97.0	100	-3.0	30.0
o-Xylene	Ave	1.396	1.349		48.3	50.0	-3.4	30.0
Styrene	Ave	1.087	1.071		49.3	50.0	-1.5	30.0
Bromoform	Ave	0.2650	0.2595		49.0	50.0	-2.1	30.0
Isopropylbenzene	Ave	1.697	1.658		48.9	50.0	-2.3	30.0
1,1,2,2-Tetrachloroethane	Ave	0.8391	0.7663		45.7	50.0	-8.7	30.0
Bromobenzene	Ave	0.8725	0.8111		46.5	50.0	-7.0	30.0
1,2,3-Trichloropropane	Ave	0.9656	0.8850		45.8	50.0	-8.3	30.0
trans-1,4-Dichloro-2-buten e	Ave	0.1911	0.1823		47.7	50.0	-4.6	50.0
N-Propylbenzene	Ave	3.892	3.645		46.8	50.0	-6.3	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Lab Sample ID: ICV 860-12941/9 Calibration Date: 06/28/2021 13:57

Instrument ID: A292 Calib Start Date: 06/28/2021 11:24

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 06/28/2021 13:18

Lab File ID: E12211156.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Chlorotoluene	Ave	2.686	2.508		46.7	50.0	-6.6	30.0
4-Ethyltoluene	Ave	3.272	3.056		46.7	50.0	-6.6	30.0
1,3,5-Trimethylbenzene	Ave	2.832	2.678		47.3	50.0	-5.5	30.0
4-Chlorotoluene	Ave	2.727	2.549		46.7	50.0	-6.5	30.0
tert-Butylbenzene	Ave	2.379	2.240		47.1	50.0	-5.8	30.0
1,2,4-Trimethylbenzene	Ave	2.753	2.620		47.6	50.0	-4.8	30.0
sec-Butylbenzene	Ave	3.496	3.289		47.0	50.0	-5.9	30.0
1,3-Dichlorobenzene	Ave	1.659	1.538		46.4	50.0	-7.3	30.0
p-Cymene (p-Isopropyltoluene)	Ave	2.932	2.799		47.7	50.0	-4.5	30.0
1,4-Dichlorobenzene	Ave	1.678	1.530		45.6	50.0	-8.9	30.0
Dicyclopentadiene	Ave	3.369	3.193		47.4	50.0	-5.2	30.0
n-Butylbenzene	Ave	2.649	2.509		47.4	50.0	-5.3	30.0
1,2-Dichlorobenzene	Ave	1.555	1.458		46.9	50.0	-6.3	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.1421	0.1361		47.9	50.0	-4.2	50.0
1,2,4-Trichlorobenzene	Ave	0.9206	0.8816		47.9	50.0	-4.2	30.0
Hexachlorobutadiene	Ave	0.4938	0.4613		46.7	50.0	-6.6	50.0
Naphthalene	Ave	1.645	1.620		49.3	50.0	-1.5	30.0
1,2,3-Trichlorobenzene	Ave	0.6914	0.6592		47.7	50.0	-4.7	30.0
2-Methylnaphthalene	Lin1		0.3565		49.0	50.0	-1.9	30.0
1-Methylnaphthalene	Lin1		0.2728		51.0	50.0	2.0	30.0
Dibromofluoromethane (Surr)	Ave	0.4690	0.4713		50.2	50.0	0.5	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3644	0.3511		48.2	50.0	-3.6	30.0
Toluene-d8 (Surr)	Ave	1.376	1.349		49.0	50.0	-1.9	30.0
4-Bromofluorobenzene (Surr)	Ave	0.9717	0.9640		49.6	50.0	-0.8	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Lab Sample ID: CCVIS 860-14545/2 Calibration Date: 07/10/2021 09:59

Instrument ID: A292 Calib Start Date: 04/08/2021 20:09

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 04/08/2021 22:03

Lab File ID: E12211834.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diethyl ether	Ave	0.3963			0.100	50.0		

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FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Lab Sample ID: CCVIS 860-14545/2 Calibration Date: 07/10/2021 09:59

Instrument ID: A292 Calib Start Date: 06/28/2021 11:24

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 06/28/2021 13:18

Lab File ID: E12211834.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propene	Ave	0.3097	0.2573		41.6	50.0	-16.9	20.0
Dichlorodifluoromethane	Ave	0.3957	0.3876		49.0	50.0	-2.1	50.0
Chloromethane	Ave	0.4304	0.3892		45.2	50.0	-9.6	20.0
Vinyl chloride	Ave	0.4828	0.4361		45.2	50.0	-9.7	20.0
1,3-Butadiene	Ave	0.3738	0.3093		41.4	50.0	-17.3	50.0
Bromomethane	Ave	0.4155	0.3704		44.6	50.0	-10.9	20.0
Chloroethane	Ave	0.2884	0.2625		45.5	50.0	-9.0	20.0
Trichlorofluoromethane	Ave	0.7177	0.6915		48.2	50.0	-3.7	20.0
Acrolein	Ave	0.0558	0.0670		300	250	20.1	50.0
1,1-Dichloroethene	Ave	0.4169	0.3843		46.1	50.0	-7.8	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3558	0.3682		51.8	50.0	3.5	20.0
Acetone	Ave	0.0710	0.0829		292	250	16.7	50.0
Iodomethane (Methyl Iodide)	Ave	0.5381	0.5331		49.5	50.0	-0.9	50.0
Carbon disulfide	Ave	1.183	1.293		54.7	50.0	9.3	20.0
Acetonitrile	Ave	0.0336	0.0396		295	250	17.8	20.0
Allyl Chloride (3-Chloropropene)	Ave	0.2435	0.2703		55.5	50.0	11.0	20.0
Methyl acetate	Ave	0.3390	0.3933		580	500	16.0	20.0
Methylene Chloride	Ave	0.4970	0.4440		44.7	50.0	-10.7	50.0
tert-Butyl alcohol	Ave	0.0369	0.0437		296	250	18.5	20.0
Acrylonitrile	Ave	0.1609	0.1877		292	250	16.6	50.0
trans-1,2-Dichloroethene	Ave	0.4555	0.4180		45.9	50.0	-8.2	20.0
MTBE	Ave	1.323	1.404		53.1	50.0	6.1	20.0
n-Hexane	Ave	0.5964	0.5287		44.3	50.0	-11.4	20.0
1,1-Dichloroethane	Ave	0.8203	0.7911		48.2	50.0	-3.6	20.0
Vinyl acetate	Ave	0.8676	1.018		293	250	17.3	50.0
Isopropyl ether	Ave	1.312	1.465		55.8	50.0	11.6	20.0
Chloroprene	Ave	0.6507	0.7292		56.0	50.0	12.1	20.0
Ethyl tert-butyl ether	Ave	1.338	1.494		55.8	50.0	11.6	20.0
2,2-Dichloropropane	Ave	0.7261	0.6974		48.0	50.0	-4.0	20.0
cis-1,2-Dichloroethene	Ave	0.7794	0.7661		49.2	50.0	-1.7	20.0
2-Butanone	Ave	0.0677	0.0837		309	250	23.8	50.0
Propane Nitrile (Propionitrile)	Ave	0.0589	0.0699		59.4	50.0	18.8	20.0
Methacrylonitrile	Ave	0.1940	0.2318		59.8	50.0	19.5	20.0
Bromochloromethane	Ave	0.3434	0.3254		47.4	50.0	-5.2	20.0
Tetrahydrofuran	Ave	0.1385	0.1498		54.1	50.0	8.2	20.0
Chloroform	Ave	0.8767	0.8353		47.6	50.0	-4.7	20.0
1,1,1-Trichloroethane	Ave	0.7466	0.7050		47.2	50.0	-5.6	20.0
Cyclohexane	Ave	0.6700	0.6058		45.2	50.0	-9.6	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Lab Sample ID: CCVIS 860-14545/2 Calibration Date: 07/10/2021 09:59

Instrument ID: A292 Calib Start Date: 06/28/2021 11:24

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 06/28/2021 13:18

Lab File ID: E12211834.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1-Dichloropropene	Ave	0.6240	0.5827		46.7	50.0	-6.6	20.0
Carbon tetrachloride	Ave	0.6775	0.6377		47.1	50.0	-5.9	20.0
Isobutanol	Ave	0.0097	0.0112		575	500	15.1	50.0
Benzene	Ave	1.295	1.237		47.8	50.0	-4.5	20.0
1,2-Dichloroethane	Ave	0.4703	0.4532		48.2	50.0	-3.6	20.0
Tert-amyl methyl ether	Ave	0.8572	0.9488		55.3	50.0	10.7	20.0
Trichloroethene	Ave	0.3520	0.3155		44.8	50.0	-10.4	20.0
Methylcyclohexane	Ave	0.5219	0.5077		48.6	50.0	-2.7	20.0
1,2-Dichloropropane	Ave	0.3604	0.3537		49.1	50.0	-1.9	20.0
Dibromomethane	Ave	0.2272	0.2162		47.6	50.0	-4.8	20.0
Methyl methacrylate	Ave	0.2203	0.2581		58.6	50.0	17.2	50.0
1,4-Dioxane (P-Dioxane)	Ave	0.0021	0.0022		530	500	6.1	50.0
Bromodichloromethane	Ave	0.4558	0.4343		47.6	50.0	-4.7	20.0
2-Chloroethyl vinyl ether	Ave	0.1458	0.1630		55.9	50.0	11.8	20.0
cis-1,3-Dichloropropene	Ave	0.5431	0.5228		48.1	50.0	-3.7	20.0
4-Methyl-2-pentanone	Ave	0.3018	0.3623		300	250	20.0	50.0
Toluene	Ave	0.9244	0.8603		46.5	50.0	-6.9	20.0
trans-1,3-Dichloropropene	Ave	0.5679	0.5725		50.4	50.0	0.8	20.0
Ethyl methacrylate	Ave	0.4799	0.5385		56.1	50.0	12.2	50.0
1,1,2-Trichloroethane	Ave	0.3097	0.3098		50.0	50.0	0.0	20.0
Tetrachloroethene	Ave	0.3386	0.2990		44.2	50.0	-11.7	20.0
1,3-Dichloropropane	Ave	0.5617	0.5644		50.3	50.0	0.5	20.0
2-Hexanone	Ave	0.2739	0.3730		341	250	36.2	50.0
Dibromochloromethane	Ave	0.4008	0.3911		48.8	50.0	-2.4	20.0
1,2-Dibromoethane	Ave	0.3624	0.3608		49.8	50.0	-0.4	20.0
1-Chlorohexane	Lin1		0.3638		50.9	50.0	1.9	20.0
Chlorobenzene	Ave	1.040	0.9764		47.0	50.0	-6.1	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3825	0.3663		47.9	50.0	-4.2	20.0
Ethylbenzene	Ave	1.761	1.662		47.2	50.0	-5.6	20.0
m,p-Xylenes	Ave	1.355	1.288		95.1	100	-5.0	20.0
o-Xylene	Ave	1.396	1.326		47.5	50.0	-5.0	20.0
Styrene	Ave	1.087	1.036		47.7	50.0	-4.7	20.0
Bromoform	Ave	0.2650	0.2595		49.0	50.0	-2.1	20.0
Isopropylbenzene	Ave	1.697	1.610		47.5	50.0	-5.1	20.0
1,1,2,2-Tetrachloroethane	Ave	0.8391	0.9147		54.5	50.0	9.0	20.0
Bromobenzene	Ave	0.8725	0.8320		47.7	50.0	-4.6	20.0
1,2,3-Trichloropropane	Ave	0.9656	1.104		57.2	50.0	14.3	20.0
trans-1,4-Dichloro-2-buten e	Ave	0.1911	0.2604		68.1	50.0	36.3	50.0
N-Propylbenzene	Ave	3.892	3.810		49.0	50.0	-2.1	20.0
2-Chlorotoluene	Ave	2.686	2.636		49.1	50.0	-1.9	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Lab Sample ID: CCVIS 860-14545/2 Calibration Date: 07/10/2021 09:59

Instrument ID: A292 Calib Start Date: 06/28/2021 11:24

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 06/28/2021 13:18

Lab File ID: E12211834.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Ethyltoluene	Ave	3.272	3.246		49.6	50.0	-0.8	20.0
1,3,5-Trimethylbenzene	Ave	2.832	2.738		48.3	50.0	-3.3	20.0
4-Chlorotoluene	Ave	2.727	2.649		48.6	50.0	-2.9	20.0
tert-Butylbenzene	Ave	2.379	2.275		47.8	50.0	-4.4	20.0
1,2,4-Trimethylbenzene	Ave	2.753	2.701		49.1	50.0	-1.9	20.0
sec-Butylbenzene	Ave	3.496	3.355		48.0	50.0	-4.0	20.0
1,3-Dichlorobenzene	Ave	1.659	1.552		46.8	50.0	-6.5	20.0
p-Cymene (p-Isopropyltoluene)	Ave	2.932	2.807		47.9	50.0	-4.3	20.0
1,4-Dichlorobenzene	Ave	1.678	1.560		46.5	50.0	-7.0	20.0
Dicyclopentadiene	Ave	3.369	3.619		53.7	50.0	7.4	20.0
n-Butylbenzene	Ave	2.649	2.528		47.7	50.0	-4.6	20.0
1,2-Dichlorobenzene	Ave	1.555	1.484		47.7	50.0	-4.6	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1421	0.1504		52.9	50.0	5.9	50.0
1,2,4-Trichlorobenzene	Ave	0.9206	0.8069		43.8	50.0	-12.3	20.0
Hexachlorobutadiene	Ave	0.4938	0.3907		39.6	50.0	-20.9	50.0
Naphthalene	Ave	1.645	1.614		49.1	50.0	-1.9	20.0
1,2,3-Trichlorobenzene	Ave	0.6914	0.5898		42.7	50.0	-14.7	20.0
2-Methylnaphthalene	Lin1		0.2570		35.6	50.0	-28.7*	20.0
1-Methylnaphthalene	Lin1		0.1843		34.7	50.0	-30.6*	20.0
Dibromofluoromethane (Surr)	Ave	0.4690	0.4565		48.7	50.0	-2.7	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3644	0.3658		50.2	50.0	0.4	20.0
Toluene-d8 (Surr)	Ave	1.376	1.354		49.2	50.0	-1.6	20.0
4-Bromofluorobenzene (Surr)	Ave	0.9717	0.9823		50.6	50.0	1.1	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Lab Sample ID: CCVIS 860-14565/2 Calibration Date: 07/10/2021 20:55

Instrument ID: A292 Calib Start Date: 04/08/2021 20:09

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 04/08/2021 22:03

Lab File ID: E12211866.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diethyl ether	Ave	0.3963			0.100	50.0		

FORM VII 8260C

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Lab Sample ID: CCVIS 860-14565/2 Calibration Date: 07/10/2021 20:55

Instrument ID: A292 Calib Start Date: 06/28/2021 11:24

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 06/28/2021 13:18

Lab File ID: E12211866.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propene	Ave	0.3097	0.1676		27.1	50.0	-45.9*	20.0
Dichlorodifluoromethane	Ave	0.3957	0.2607		32.9	50.0	-34.1	50.0
Chloromethane	Ave	0.4304	0.3335		38.8	50.0	-22.5*	20.0
Vinyl chloride	Ave	0.4828	0.3610		37.4	50.0	-25.2*	20.0
1,3-Butadiene	Ave	0.3738	0.2292		30.7	50.0	-38.7	50.0
Bromomethane	Ave	0.4155	0.3177		38.2	50.0	-23.6*	20.0
Chloroethane	Ave	0.2884	0.2194		38.0	50.0	-23.9*	20.0
Trichlorofluoromethane	Ave	0.7177	0.5403		37.6	50.0	-24.7*	20.0
Acrolein	Ave	0.0558	0.0689		309	250	23.5	50.0
1,1-Dichloroethene	Ave	0.4169	0.3321		39.8	50.0	-20.3*	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3558	0.2740		38.5	50.0	-23.0*	20.0
Acetone	Ave	0.0710	0.0650		229	250	-8.5	50.0
Iodomethane (Methyl Iodide)	Ave	0.5381	0.4297		39.9	50.0	-20.2	50.0
Carbon disulfide	Ave	1.183	1.089		46.0	50.0	-8.0	20.0
Acetonitrile	Ave	0.0336	0.0351		261	250	4.5	20.0
Allyl Chloride (3-Chloropropene)	Ave	0.2435	0.2357		48.4	50.0	-3.2	20.0
Methyl acetate	Ave	0.3390	0.3266		482	500	-3.6	20.0
Methylene Chloride	Ave	0.4970	0.4009		40.3	50.0	-19.3	50.0
tert-Butyl alcohol	Ave	0.0369	0.0381		259	250	3.4	20.0
Acrylonitrile	Ave	0.1609	0.1598		248	250	-0.7	50.0
trans-1,2-Dichloroethene	Ave	0.4555	0.3655		40.1	50.0	-19.8	20.0
MTBE	Ave	1.323	1.226		46.3	50.0	-7.3	20.0
n-Hexane	Ave	0.5964	0.3832		32.1	50.0	-35.7*	20.0
1,1-Dichloroethane	Ave	0.8203	0.7092		43.2	50.0	-13.5	20.0
Vinyl acetate	Ave	0.8676	0.4311		124	250	-50.3*	50.0
Isopropyl ether	Ave	1.312	1.297		49.4	50.0	-1.2	20.0
Chloroprene	Ave	0.6507	0.6496		49.9	50.0	-0.2	20.0
Ethyl tert-butyl ether	Ave	1.338	1.340		50.1	50.0	0.1	20.0
2,2-Dichloropropane	Ave	0.7261	0.5612		38.6	50.0	-22.7*	20.0
cis-1,2-Dichloroethene	Ave	0.7794	0.6704		43.0	50.0	-14.0	20.0
2-Butanone	Ave	0.0677	0.0680		252	250	0.6	50.0
Propane Nitrile (Propionitrile)	Ave	0.0589	0.0614		52.2	50.0	4.4	20.0
Methacrylonitrile	Ave	0.1940	0.2029		52.3	50.0	4.6	20.0
Bromochloromethane	Ave	0.3434	0.2925		42.6	50.0	-14.8	20.0
Tetrahydrofuran	Ave	0.1385	0.1249		45.1	50.0	-9.8	20.0
Chloroform	Ave	0.8767	0.7561		43.1	50.0	-13.8	20.0
1,1,1-Trichloroethane	Ave	0.7466	0.6201		41.5	50.0	-16.9	20.0
Cyclohexane	Ave	0.6700	0.4734		35.3	50.0	-29.4*	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Lab Sample ID: CCVIS 860-14565/2 Calibration Date: 07/10/2021 20:55

Instrument ID: A292 Calib Start Date: 06/28/2021 11:24

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 06/28/2021 13:18

Lab File ID: E12211866.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1-Dichloropropene	Ave	0.6240	0.5046		40.4	50.0	-19.1	20.0
Carbon tetrachloride	Ave	0.6775	0.5474		40.4	50.0	-19.2	20.0
Isobutanol	Ave	0.0097	0.0109		562	500	12.3	50.0
Benzene	Ave	1.295	1.082		41.8	50.0	-16.4	20.0
1,2-Dichloroethane	Ave	0.4703	0.3993		42.5	50.0	-15.1	20.0
Tert-amyl methyl ether	Ave	0.8572	0.8354		48.7	50.0	-2.5	20.0
Trichloroethene	Ave	0.3520	0.3064		43.5	50.0	-13.0	20.0
Methylcyclohexane	Ave	0.5219	0.3863		37.0	50.0	-26.0*	20.0
1,2-Dichloropropane	Ave	0.3604	0.3147		43.7	50.0	-12.7	20.0
Dibromomethane	Ave	0.2272	0.1932		42.5	50.0	-15.0	20.0
Methyl methacrylate	Ave	0.2203	0.2241		50.9	50.0	1.8	50.0
1,4-Dioxane (P-Dioxane)	Ave	0.0021	0.0021		513	500	2.5	50.0
Bromodichloromethane	Ave	0.4558	0.3925		43.1	50.0	-13.9	20.0
2-Chloroethyl vinyl ether	Ave	0.1458	0.1362		46.7	50.0	-6.6	20.0
cis-1,3-Dichloropropene	Ave	0.5431	0.4657		42.9	50.0	-14.3	20.0
4-Methyl-2-pentanone	Ave	0.3018	0.3019		250	250	0.0	50.0
Toluene	Ave	0.9244	0.7730		41.8	50.0	-16.4	20.0
trans-1,3-Dichloropropene	Ave	0.5679	0.4973		43.8	50.0	-12.4	20.0
Ethyl methacrylate	Ave	0.4799	0.4601		47.9	50.0	-4.1	50.0
1,1,2-Trichloroethane	Ave	0.3097	0.2793		45.1	50.0	-9.8	20.0
Tetrachloroethene	Ave	0.3386	0.2636		38.9	50.0	-22.2*	20.0
1,3-Dichloropropane	Ave	0.5617	0.5065		45.1	50.0	-9.8	20.0
2-Hexanone	Ave	0.2739	0.2982		272	250	8.9	50.0
Dibromochloromethane	Ave	0.4008	0.3506		43.7	50.0	-12.5	20.0
1,2-Dibromoethane	Ave	0.3624	0.3194		44.1	50.0	-11.9	20.0
1-Chlorohexane	Lin1		0.3150		43.9	50.0	-12.1	20.0
Chlorobenzene	Ave	1.040	0.8783		42.2	50.0	-15.5	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3825	0.3315		43.3	50.0	-13.3	20.0
Ethylbenzene	Ave	1.761	1.502		42.6	50.0	-14.7	20.0
m,p-Xylenes	Ave	1.355	1.155		85.2	100	-14.8	20.0
o-Xylene	Ave	1.396	1.204		43.1	50.0	-13.7	20.0
Styrene	Ave	1.087	0.9355		43.0	50.0	-13.9	20.0
Bromoform	Ave	0.2650	0.2257		42.6	50.0	-14.9	20.0
Isopropylbenzene	Ave	1.697	1.446		42.6	50.0	-14.8	20.0
1,1,2,2-Tetrachloroethane	Ave	0.8391	0.6809		40.6	50.0	-18.8	20.0
Bromobenzene	Ave	0.8725	0.7318		41.9	50.0	-16.1	20.0
1,2,3-Trichloropropane	Ave	0.9656	0.996		51.6	50.0	3.1	20.0
trans-1,4-Dichloro-2-buten e	Ave	0.1911	0.2105		55.1	50.0	10.2	50.0
N-Propylbenzene	Ave	3.892	3.367		43.3	50.0	-13.5	20.0
2-Chlorotoluene	Ave	2.686	2.346		43.7	50.0	-12.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Lab Sample ID: CCVIS 860-14565/2 Calibration Date: 07/10/2021 20:55

Instrument ID: A292 Calib Start Date: 06/28/2021 11:24

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 06/28/2021 13:18

Lab File ID: E12211866.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Ethyltoluene	Ave	3.272	2.855		43.6	50.0	-12.7	20.0
1,3,5-Trimethylbenzene	Ave	2.832	2.446		43.2	50.0	-13.6	20.0
4-Chlorotoluene	Ave	2.727	2.364		43.3	50.0	-13.3	20.0
tert-Butylbenzene	Ave	2.379	2.039		42.9	50.0	-14.3	20.0
1,2,4-Trimethylbenzene	Ave	2.753	2.396		43.5	50.0	-13.0	20.0
sec-Butylbenzene	Ave	3.496	2.959		42.3	50.0	-15.3	20.0
1,3-Dichlorobenzene	Ave	1.659	1.386		41.8	50.0	-16.5	20.0
p-Cymene (p-Isopropyltoluene)	Ave	2.932	2.496		42.6	50.0	-14.9	20.0
1,4-Dichlorobenzene	Ave	1.678	1.386		41.3	50.0	-17.4	20.0
Dicyclopentadiene	Ave	3.369	3.274		48.6	50.0	-2.8	20.0
n-Butylbenzene	Ave	2.649	2.189		41.3	50.0	-17.4	20.0
1,2-Dichlorobenzene	Ave	1.555	1.315		42.3	50.0	-15.4	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1421	0.1253		44.1	50.0	-11.8	50.0
1,2,4-Trichlorobenzene	Ave	0.9206	0.7232		39.3	50.0	-21.4*	20.0
Hexachlorobutadiene	Ave	0.4938	0.3586		36.3	50.0	-27.4	50.0
Naphthalene	Ave	1.645	1.336		40.6	50.0	-18.8	20.0
1,2,3-Trichlorobenzene	Ave	0.6914	0.5106		36.9	50.0	-26.2*	20.0
2-Methylnaphthalene	Lin1		0.1925		27.0	50.0	-46.1*	20.0
1-Methylnaphthalene	Lin1		0.1375		26.1	50.0	-47.8*	20.0
Dibromofluoromethane (Surr)	Ave	0.4690	0.4583		48.9	50.0	-2.3	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3644	0.3626		49.8	50.0	-0.5	20.0
Toluene-d8 (Surr)	Ave	1.376	1.360		49.4	50.0	-1.1	20.0
4-Bromofluorobenzene (Surr)	Ave	0.9717	0.9742		50.1	50.0	0.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Lab Sample ID: CCVIS 860-14584/3 Calibration Date: 07/12/2021 00:05

Instrument ID: A292 Calib Start Date: 04/08/2021 20:09

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 04/08/2021 22:03

Lab File ID: E12211938.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diethyl ether	Ave	0.3963			0.100	50.0		

FORM VII 8260C

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Lab Sample ID: CCVIS 860-14584/3 Calibration Date: 07/12/2021 00:05

Instrument ID: A292 Calib Start Date: 06/28/2021 11:24

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 06/28/2021 13:18

Lab File ID: E12211938.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propene	Ave	0.3097	0.2001		32.3	50.0	-35.4*	20.0
Dichlorodifluoromethane	Ave	0.3957	0.2887		36.5	50.0	-27.0	50.0
Chloromethane	Ave	0.4304	0.4080		47.4	50.0	-5.2	20.0
Vinyl chloride	Ave	0.4828	0.4289		44.4	50.0	-11.2	20.0
1,3-Butadiene	Ave	0.3738	0.2708		36.2	50.0	-27.6	50.0
Bromomethane	Ave	0.4155	0.3847		46.3	50.0	-7.4	20.0
Chloroethane	Ave	0.2884	0.2557		44.3	50.0	-11.3	20.0
Trichlorofluoromethane	Ave	0.7177	0.5993		41.8	50.0	-16.5	20.0
Acrolein	Ave	0.0558	0.0786		352	250	40.9	50.0
1,1-Dichloroethene	Ave	0.4169	0.3875		46.5	50.0	-7.0	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3558	0.2891		40.6	50.0	-18.7	20.0
Acetone	Ave	0.0710	0.0786		277	250	10.6	50.0
Iodomethane (Methyl Iodide)	Ave	0.5381	0.4960		46.1	50.0	-7.8	50.0
Carbon disulfide	Ave	1.183	1.452		61.4	50.0	22.7*	20.0
Acetonitrile	Ave	0.0336	0.0229		170	250	-31.9*	20.0
Methyl acetate	Ave	0.3390	0.3712		548	500	9.5	20.0
Methylene Chloride	Ave	0.4970	0.4605		46.3	50.0	-7.3	50.0
tert-Butyl alcohol	Ave	0.0369	0.0447		303	250	21.3*	20.0
Acrylonitrile	Ave	0.1609	0.1812		282	250	12.6	50.0
trans-1,2-Dichloroethene	Ave	0.4555	0.4375		48.0	50.0	-4.0	20.0
MTBE	Ave	1.323	1.377		52.0	50.0	4.0	20.0
n-Hexane	Ave	0.5964	0.4135		34.7	50.0	-30.7*	20.0
1,1-Dichloroethane	Ave	0.8203	0.8109		49.4	50.0	-1.1	20.0
Vinyl acetate	Ave	0.8676	0.4686		135	250	-46.0	50.0
Isopropyl ether	Ave	1.312	1.424		54.3	50.0	8.5	20.0
Ethyl tert-butyl ether	Ave	1.338	1.469		54.9	50.0	9.7	20.0
2,2-Dichloropropane	Ave	0.7261	0.6155		42.4	50.0	-15.2	20.0
cis-1,2-Dichloroethene	Ave	0.7794	0.7620		48.9	50.0	-2.2	20.0
2-Butanone	Ave	0.0677	0.0808		299	250	19.4	50.0
Bromochloromethane	Ave	0.3434	0.3272		47.7	50.0	-4.7	20.0
Tetrahydrofuran	Ave	0.1385	0.1441		52.0	50.0	4.0	20.0
Chloroform	Ave	0.8767	0.8478		48.4	50.0	-3.3	20.0
1,1,1-Trichloroethane	Ave	0.7466	0.6975		46.7	50.0	-6.6	20.0
Cyclohexane	Ave	0.6700	0.5181		38.7	50.0	-22.7*	20.0
1,1-Dichloropropene	Ave	0.6240	0.5843		46.8	50.0	-6.4	20.0
Carbon tetrachloride	Ave	0.6775	0.6310		46.6	50.0	-6.9	20.0
Benzene	Ave	1.295	1.224		47.3	50.0	-5.5	20.0
1,2-Dichloroethane	Ave	0.4703	0.4551		48.4	50.0	-3.2	20.0
Tert-amyl methyl ether	Ave	0.8572	0.9193		53.6	50.0	7.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Lab Sample ID: CCVIS 860-14584/3 Calibration Date: 07/12/2021 00:05

Instrument ID: A292 Calib Start Date: 06/28/2021 11:24

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 06/28/2021 13:18

Lab File ID: E12211938.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Trichloroethene	Ave	0.3520	0.3474		49.4	50.0	-1.3	20.0
Methylcyclohexane	Ave	0.5219	0.4074		39.0	50.0	-21.9*	20.0
1,2-Dichloropropane	Ave	0.3604	0.3486		48.4	50.0	-3.3	20.0
Dibromomethane	Ave	0.2272	0.2160		47.6	50.0	-4.9	20.0
1,4-Dioxane (P-Dioxane)	Ave	0.0021	0.0021		497	500	-0.7	50.0
Bromodichloromethane	Ave	0.4558	0.4427		48.6	50.0	-2.9	20.0
2-Chloroethyl vinyl ether	Ave	0.1458	0.1525		52.3	50.0	4.6	20.0
cis-1,3-Dichloropropene	Ave	0.5431	0.5166		47.6	50.0	-4.9	20.0
4-Methyl-2-pentanone	Ave	0.3018	0.3430		284	250	13.7	50.0
Toluene	Ave	0.9244	0.8612		46.6	50.0	-6.8	20.0
trans-1,3-Dichloropropene	Ave	0.5679	0.5584		49.2	50.0	-1.7	20.0
Ethyl methacrylate	Ave	0.4799	0.5104		53.2	50.0	6.4	50.0
1,1,2-Trichloroethane	Ave	0.3097	0.3014		48.7	50.0	-2.7	20.0
Tetrachloroethene	Ave	0.3386	0.2949		43.6	50.0	-12.9	20.0
1,3-Dichloropropane	Ave	0.5617	0.5535		49.3	50.0	-1.5	20.0
2-Hexanone	Ave	0.2739	0.3415		312	250	24.7	50.0
Dibromochloromethane	Ave	0.4008	0.3929		49.0	50.0	-2.0	20.0
1,2-Dibromoethane	Ave	0.3624	0.3543		48.9	50.0	-2.2	20.0
1-Chlorohexane	Lin1		0.3434		48.0	50.0	-4.0	20.0
Chlorobenzene	Ave	1.040	0.9720		46.8	50.0	-6.5	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3825	0.3669		48.0	50.0	-4.1	20.0
Ethylbenzene	Ave	1.761	1.665		47.3	50.0	-5.5	20.0
m,p-Xylenes	Ave	1.355	1.283		94.7	100	-5.3	20.0
o-Xylene	Ave	1.396	1.316		47.1	50.0	-5.7	20.0
Styrene	Ave	1.087	1.029		47.3	50.0	-5.3	20.0
Bromoform	Ave	0.2650	0.2615		49.3	50.0	-1.3	20.0
Isopropylbenzene	Ave	1.697	1.580		46.6	50.0	-6.9	20.0
1,1,2,2-Tetrachloroethane	Ave	0.8391	0.7539		44.9	50.0	-10.2	20.0
Bromobenzene	Ave	0.8725	0.7984		45.8	50.0	-8.5	20.0
1,2,3-Trichloropropane	Ave	0.9656	1.114		57.7	50.0	15.4	20.0
trans-1,4-Dichloro-2-buten e	Ave	0.1911	0.2389		62.5	50.0	25.0	50.0
N-Propylbenzene	Ave	3.892	3.687		47.4	50.0	-5.3	20.0
2-Chlorotoluene	Ave	2.686	2.581		48.0	50.0	-3.9	20.0
4-Ethyltoluene	Ave	3.272	3.146		48.1	50.0	-3.8	20.0
1,3,5-Trimethylbenzene	Ave	2.832	2.671		47.2	50.0	-5.7	20.0
4-Chlorotoluene	Ave	2.727	2.564		47.0	50.0	-6.0	20.0
tert-Butylbenzene	Ave	2.379	2.208		46.4	50.0	-7.2	20.0
1,2,4-Trimethylbenzene	Ave	2.753	2.628		47.7	50.0	-4.5	20.0
sec-Butylbenzene	Ave	3.496	3.210		45.9	50.0	-8.2	20.0
1,3-Dichlorobenzene	Ave	1.659	1.513		45.6	50.0	-8.8	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Lab Sample ID: CCVIS 860-14584/3 Calibration Date: 07/12/2021 00:05

Instrument ID: A292 Calib Start Date: 06/28/2021 11:24

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 06/28/2021 13:18

Lab File ID: E12211938.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
p-Cymene (p-Isopropyltoluene)	Ave	2.932	2.687		45.8	50.0	-8.4	20.0
1,4-Dichlorobenzene	Ave	1.678	1.503		44.8	50.0	-10.4	20.0
Dicyclopentadiene	Ave	3.369	3.618		53.7	50.0	7.4	20.0
n-Butylbenzene	Ave	2.649	2.350		44.4	50.0	-11.3	20.0
1,2-Dichlorobenzene	Ave	1.555	1.448		46.5	50.0	-6.9	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1421	0.1459		51.3	50.0	2.7	50.0
1,2,4-Trichlorobenzene	Ave	0.9206	0.7843		42.6	50.0	-14.8	20.0
Hexachlorobutadiene	Ave	0.4938	0.3749		38.0	50.0	-24.1	50.0
Naphthalene	Ave	1.645	1.516		46.1	50.0	-7.9	20.0
1,2,3-Trichlorobenzene	Ave	0.6914	0.5876		42.5	50.0	-15.0	20.0
2-Methylnaphthalene	Lin1		0.2366		32.9	50.0	-34.2*	20.0
1-Methylnaphthalene	Lin1		0.1683		31.8	50.0	-36.5*	20.0
Dibromofluoromethane (Surr)	Ave	0.4690	0.4697		50.1	50.0	0.2	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3644	0.3701		50.8	50.0	1.6	20.0
Toluene-d8 (Surr)	Ave	1.376	1.368		49.7	50.0	-0.6	20.0
4-Bromofluorobenzene (Surr)	Ave	0.9717	0.9686		49.8	50.0	-0.3	20.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 860-14439/8

Matrix: Water Lab File ID: J00503.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 07/09/2021 13:38

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 14439 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.000216	U	0.00100	0.000216
71-43-2	Benzene	0.000214	U	0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.000244	U	0.00100	0.000244
127-18-4	Tetrachloroethene	0.000500	U	0.00100	0.000500

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	95		74-124
1868-53-7	Dibromofluoromethane (Surr)	96		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		63-144
2037-26-5	Toluene-d8 (Surr)	106		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 860-14545/9

Matrix: Water Lab File ID: E12211841.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 07/10/2021 13:00

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 14545 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.000216	U	0.00100	0.000216
71-43-2	Benzene	0.0003057	J	0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.000244	U	0.00100	0.000244
127-18-4	Tetrachloroethene	0.000500	U	0.00100	0.000500
91-20-3	Naphthalene	0.00200	U	0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	103		74-124
1868-53-7	Dibromofluoromethane (Surr)	97		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		63-144
2037-26-5	Toluene-d8 (Surr)	101		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 860-14565/9

Matrix: Water Lab File ID: E12211873.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 07/10/2021 23:08

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 14565 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.000216	U	0.00100	0.000216
71-43-2	Benzene	0.000214	U	0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.000244	U	0.00100	0.000244
127-18-4	Tetrachloroethene	0.000500	U	0.00100	0.000500
91-20-3	Naphthalene	0.00200	U	0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	102		74-124
1868-53-7	Dibromofluoromethane (Surr)	99		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		63-144
2037-26-5	Toluene-d8 (Surr)	100		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 860-14584/11

Matrix: Water Lab File ID: E12211947.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 07/12/2021 02:56

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 14584 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.000216	U	0.00100	0.000216
71-43-2	Benzene	0.000214	U	0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.000244	U	0.00100	0.000244
127-18-4	Tetrachloroethene	0.000500	U	0.00100	0.000500
91-20-3	Naphthalene	0.00200	U	0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	102		74-124
1868-53-7	Dibromofluoromethane (Surr)	99		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		63-144
2037-26-5	Toluene-d8 (Surr)	101		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 860-14439/3

Matrix: Water Lab File ID: J00498.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 07/09/2021 11:48

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 14439 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.03982		0.00100	0.000216
71-43-2	Benzene	0.04356		0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.04388		0.00100	0.000244
127-18-4	Tetrachloroethene	0.04685		0.00100	0.000500

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	90		74-124
1868-53-7	Dibromofluoromethane (Surr)	91		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	88		63-144
2037-26-5	Toluene-d8 (Surr)	96		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 860-14545/3

Matrix: Water Lab File ID: E12211835.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 07/10/2021 10:41

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 14545 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.04685		0.00100	0.000216
71-43-2	Benzene	0.04754		0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.04860		0.00100	0.000244
127-18-4	Tetrachloroethene	0.04605		0.00100	0.000500
91-20-3	Naphthalene	0.04941		0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	106		74-124
1868-53-7	Dibromofluoromethane (Surr)	98		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		63-144
2037-26-5	Toluene-d8 (Surr)	101		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 860-14565/3

Matrix: Water Lab File ID: E12211867.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 07/10/2021 21:14

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 14565 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.04222		0.00100	0.000216
71-43-2	Benzene	0.04484		0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.04606		0.00100	0.000244
127-18-4	Tetrachloroethene	0.04104		0.00100	0.000500
91-20-3	Naphthalene	0.04562		0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	102		74-124
1868-53-7	Dibromofluoromethane (Surr)	98		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		63-144
2037-26-5	Toluene-d8 (Surr)	99		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 860-14584/4

Matrix: Water Lab File ID: E12211940.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 07/12/2021 00:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 14584 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.04666		0.00100	0.000216
71-43-2	Benzene	0.04790		0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.05025		0.00100	0.000244
127-18-4	Tetrachloroethene	0.04389		0.00100	0.000500
91-20-3	Naphthalene	0.05252		0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	100		74-124
1868-53-7	Dibromofluoromethane (Surr)	99		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		63-144
2037-26-5	Toluene-d8 (Surr)	99		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 860-14439/4

Matrix: Water Lab File ID: J00499.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 07/09/2021 12:09

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 14439 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.04071		0.00100	0.000216
71-43-2	Benzene	0.04301		0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.04327		0.00100	0.000244
127-18-4	Tetrachloroethene	0.04691		0.00100	0.000500

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	91		74-124
1868-53-7	Dibromofluoromethane (Surr)	92		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	88		63-144
2037-26-5	Toluene-d8 (Surr)	97		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 860-14545/4

Matrix: Water Lab File ID: E12211836.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 07/10/2021 11:22

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 14545 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.04420		0.00100	0.000216
71-43-2	Benzene	0.04466		0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.04648		0.00100	0.000244
127-18-4	Tetrachloroethene	0.04267		0.00100	0.000500
91-20-3	Naphthalene	0.04424		0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	101		74-124
1868-53-7	Dibromofluoromethane (Surr)	99		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		63-144
2037-26-5	Toluene-d8 (Surr)	99		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 860-14565/4

Matrix: Water Lab File ID: E12211868.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 07/10/2021 21:33

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 14565 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.04316		0.00100	0.000216
71-43-2	Benzene	0.04438		0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.04619		0.00100	0.000244
127-18-4	Tetrachloroethene	0.04088		0.00100	0.000500
91-20-3	Naphthalene	0.04783		0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	101		74-124
1868-53-7	Dibromofluoromethane (Surr)	100		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		63-144
2037-26-5	Toluene-d8 (Surr)	99		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 860-14584/5

Matrix: Water Lab File ID: E12211941.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 07/12/2021 01:02

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 14584 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.04445		0.00100	0.000216
71-43-2	Benzene	0.04705		0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.04931		0.00100	0.000244
127-18-4	Tetrachloroethene	0.04335		0.00100	0.000500
91-20-3	Naphthalene	0.05156		0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	101		74-124
1868-53-7	Dibromofluoromethane (Surr)	99		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		63-144
2037-26-5	Toluene-d8 (Surr)	99		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Client Sample ID: Artesia-MW11-070121 MS Lab Sample ID: 860-7296-5 MS

Matrix: Water Lab File ID: E12211942.D

Analysis Method: 8260C Date Collected: 07/01/2021 14:20

Sample wt/vol: 5(mL) Date Analyzed: 07/12/2021 01:21

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 14584 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.04955		0.00100	0.000216
71-43-2	Benzene	0.05061		0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.05751		0.00100	0.000244
127-18-4	Tetrachloroethene	0.04774		0.00100	0.000500
91-20-3	Naphthalene	0.05815		0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	103		74-124
1868-53-7	Dibromofluoromethane (Surr)	100		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		63-144
2037-26-5	Toluene-d8 (Surr)	100		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Client Sample ID: Artesia-MW11-070121 MSD Lab Sample ID: 860-7296-5 MSD

Matrix: Water Lab File ID: E12211943.D

Analysis Method: 8260C Date Collected: 07/01/2021 14:20

Sample wt/vol: 5(mL) Date Analyzed: 07/12/2021 01:40

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 14584 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.04884		0.00100	0.000216
71-43-2	Benzene	0.04964		0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.05658		0.00100	0.000244
127-18-4	Tetrachloroethene	0.04708		0.00100	0.000500
91-20-3	Naphthalene	0.05536		0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	102		74-124
1868-53-7	Dibromofluoromethane (Surr)	99		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		63-144
2037-26-5	Toluene-d8 (Surr)	100		80-117

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Instrument ID: A131 Start Date: 06/02/2021 13:23

Analysis Batch Number: 9678 End Date: 06/03/2021 01:45

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 860-9678/1		06/02/2021 13:23	1	J99646.D	DB-624 0.25(mm)
IC 860-9678/2		06/02/2021 13:43	1	J99647.D	DB-624 0.25(mm)
IC 860-9678/3		06/02/2021 14:04	1	J99648.D	DB-624 0.25(mm)
IC 860-9678/4		06/02/2021 14:24	1	J99649.D	DB-624 0.25(mm)
IC 860-9678/5		06/02/2021 14:56	1	J99650.D	DB-624 0.25(mm)
IC 860-9678/6		06/02/2021 15:17	1	J99651.D	DB-624 0.25(mm)
ICIS 860-9678/7		06/02/2021 15:38	1	J99652.D	DB-624 0.25(mm)
IC 860-9678/8		06/02/2021 15:59	1	J99653.D	DB-624 0.25(mm)
IC 860-9678/9		06/02/2021 16:20	1	J99654.D	DB-624 0.25(mm)
ICV 860-9678/11		06/02/2021 17:02	1	J99656.D	DB-624 0.25(mm)
ZZZZZ		06/02/2021 17:02	1		DB-624 0.25(mm)
ZZZZZ		06/02/2021 17:23	1		DB-624 0.25(mm)
ZZZZZ		06/02/2021 17:47	1		DB-624 0.25(mm)
ZZZZZ		06/02/2021 18:50	1		DB-624 0.25(mm)
ZZZZZ		06/02/2021 19:11	1		DB-624 0.25(mm)
ZZZZZ		06/02/2021 19:32	1		DB-624 0.25(mm)
ZZZZZ		06/02/2021 19:52	1		DB-624 0.25(mm)
ZZZZZ		06/02/2021 20:13	1		DB-624 0.25(mm)
ZZZZZ		06/02/2021 20:34	1		DB-624 0.25(mm)
ZZZZZ		06/02/2021 20:54	1		DB-624 0.25(mm)
ZZZZZ		06/02/2021 21:15	1		DB-624 0.25(mm)
ZZZZZ		06/02/2021 21:35	1		DB-624 0.25(mm)
ZZZZZ		06/02/2021 21:56	1		DB-624 0.25(mm)
ZZZZZ		06/02/2021 22:16	1		DB-624 0.25(mm)
ZZZZZ		06/02/2021 23:20	1		DB-624 0.25(mm)
ZZZZZ		06/02/2021 23:42	5		DB-624 0.25(mm)
ZZZZZ		06/03/2021 00:03	20		DB-624 0.25(mm)
ZZZZZ		06/03/2021 00:23	1		DB-624 0.25(mm)
ZZZZZ		06/03/2021 00:44	1		DB-624 0.25(mm)
ZZZZZ		06/03/2021 01:04	1		DB-624 0.25(mm)
ZZZZZ		06/03/2021 01:25	20		DB-624 0.25(mm)
ZZZZZ		06/03/2021 01:45	100		DB-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Instrument ID: A131 Start Date: 07/09/2021 10:30

Analysis Batch Number: 14439 End Date: 07/09/2021 21:31

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 860-14439/1		07/09/2021 10:30	1	J00496.D	DB-624 0.25(mm)
CCVIS 860-14439/2		07/09/2021 11:11	1	J00497.D	DB-624 0.25(mm)
LCS 860-14439/3		07/09/2021 11:48	1	J00498.D	DB-624 0.25(mm)
LCSD 860-14439/4		07/09/2021 12:09	1	J00499.D	DB-624 0.25(mm)
ZZZZZ		07/09/2021 12:30	1		DB-624 0.25(mm)
ZZZZZ		07/09/2021 12:51	50		DB-624 0.25(mm)
MB 860-14439/8		07/09/2021 13:38	1	J00503.D	DB-624 0.25(mm)
ZZZZZ		07/09/2021 13:58	5		DB-624 0.25(mm)
ZZZZZ		07/09/2021 14:19	1		DB-624 0.25(mm)
ZZZZZ		07/09/2021 14:41	1		DB-624 0.25(mm)
ZZZZZ		07/09/2021 15:02	1		DB-624 0.25(mm)
ZZZZZ		07/09/2021 15:23	1		DB-624 0.25(mm)
ZZZZZ		07/09/2021 15:45	1		DB-624 0.25(mm)
ZZZZZ		07/09/2021 16:07	1		DB-624 0.25(mm)
ZZZZZ		07/09/2021 16:31	1		DB-624 0.25(mm)
ZZZZZ		07/09/2021 16:53	1		DB-624 0.25(mm)
ZZZZZ		07/09/2021 17:27	1		DB-624 0.25(mm)
ZZZZZ		07/09/2021 17:47	1		DB-624 0.25(mm)
ZZZZZ		07/09/2021 18:09	1		DB-624 0.25(mm)
ZZZZZ		07/09/2021 18:31	1		DB-624 0.25(mm)
ZZZZZ		07/09/2021 18:53	1		DB-624 0.25(mm)
ZZZZZ		07/09/2021 19:15	1		DB-624 0.25(mm)
860-7296-2	Artesia-MW17C-070121	07/09/2021 19:37	1	J00519.D	DB-624 0.25(mm)
860-7296-3	Artesia-MW12-070121	07/09/2021 19:57	1	J00520.D	DB-624 0.25(mm)
860-7296-4	Artesia-MW38-070121	07/09/2021 20:19	1	J00521.D	DB-624 0.25(mm)
860-7296-6	Artesia-MW36-070121	07/09/2021 20:45	1	J00522.D	DB-624 0.25(mm)
860-7296-7	Artesia-MW37-070121	07/09/2021 21:10	1	J00523.D	DB-624 0.25(mm)
ZZZZZ		07/09/2021 21:31	1		DB-624 0.25(mm)

8260C

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Instrument ID: A292 Start Date: 06/28/2021 11:05

Analysis Batch Number: 12941 End Date: 06/28/2021 22:42

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 860-12941/1		06/28/2021 11:05	1	E12211147.D	DB-624 0.25(mm)
IC 860-12941/2		06/28/2021 11:24	1	E12211148.D	DB-624 0.25(mm)
IC 860-12941/3		06/28/2021 11:43	1	E12211149.D	DB-624 0.25(mm)
IC 860-12941/4		06/28/2021 12:03	1	E12211150.D	DB-624 0.25(mm)
IC 860-12941/5		06/28/2021 12:21	1	E12211151.D	DB-624 0.25(mm)
ICIS 860-12941/6		06/28/2021 12:40	1	E12211152.D	DB-624 0.25(mm)
IC 860-12941/7		06/28/2021 12:59	1	E12211153.D	DB-624 0.25(mm)
IC 860-12941/8		06/28/2021 13:18	1	E12211154.D	DB-624 0.25(mm)
ICV 860-12941/9		06/28/2021 13:57	1	E12211156.D	DB-624 0.25(mm)
ZZZZZ		06/28/2021 13:57	1		DB-624 0.25(mm)
ZZZZZ		06/28/2021 14:15	1		DB-624 0.25(mm)
ZZZZZ		06/28/2021 15:06	1		DB-624 0.25(mm)
ZZZZZ		06/28/2021 15:25	50		DB-624 0.25(mm)
ZZZZZ		06/28/2021 16:41	1		DB-624 0.25(mm)
ZZZZZ		06/28/2021 17:00	5		DB-624 0.25(mm)
ZZZZZ		06/28/2021 17:19	50		DB-624 0.25(mm)
ZZZZZ		06/28/2021 17:38	1		DB-624 0.25(mm)
ZZZZZ		06/28/2021 17:57	1		DB-624 0.25(mm)
ZZZZZ		06/28/2021 18:16	50		DB-624 0.25(mm)
ZZZZZ		06/28/2021 18:35	50		DB-624 0.25(mm)
ZZZZZ		06/28/2021 18:54	50		DB-624 0.25(mm)
ZZZZZ		06/28/2021 19:13	1		DB-624 0.25(mm)
ZZZZZ		06/28/2021 19:32	1		DB-624 0.25(mm)
ZZZZZ		06/28/2021 19:51	1		DB-624 0.25(mm)
ZZZZZ		06/28/2021 20:10	1		DB-624 0.25(mm)
ZZZZZ		06/28/2021 20:29	1		DB-624 0.25(mm)
ZZZZZ		06/28/2021 20:48	100		DB-624 0.25(mm)
ZZZZZ		06/28/2021 21:07	500		DB-624 0.25(mm)
ZZZZZ		06/28/2021 21:26	100		DB-624 0.25(mm)
ZZZZZ		06/28/2021 21:45	1000		DB-624 0.25(mm)
ZZZZZ		06/28/2021 22:04	50		DB-624 0.25(mm)
ZZZZZ		06/28/2021 22:23	100		DB-624 0.25(mm)
ZZZZZ		06/28/2021 22:42	500		DB-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Instrument ID: A292 Start Date: 07/10/2021 09:26

Analysis Batch Number: 14545 End Date: 07/10/2021 19:20

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 860-14545/1		07/10/2021 09:26	1	E12211833.D	DB-624 0.25(mm)
CCVIS 860-14545/2		07/10/2021 09:59	1	E12211834.D	DB-624 0.25(mm)
LCS 860-14545/3		07/10/2021 10:41	1	E12211835.D	DB-624 0.25(mm)
LCSD 860-14545/4		07/10/2021 11:22	1	E12211836.D	DB-624 0.25(mm)
ZZZZZ		07/10/2021 11:44	1		DB-624 0.25(mm)
MB 860-14545/9		07/10/2021 13:00	1	E12211841.D	DB-624 0.25(mm)
ZZZZZ		07/10/2021 13:19	1		DB-624 0.25(mm)
ZZZZZ		07/10/2021 13:38	1		DB-624 0.25(mm)
ZZZZZ		07/10/2021 13:57	1		DB-624 0.25(mm)
ZZZZZ		07/10/2021 14:16	1		DB-624 0.25(mm)
ZZZZZ		07/10/2021 14:35	1		DB-624 0.25(mm)
ZZZZZ		07/10/2021 14:54	1		DB-624 0.25(mm)
ZZZZZ		07/10/2021 15:13	1		DB-624 0.25(mm)
ZZZZZ		07/10/2021 15:32	1		DB-624 0.25(mm)
ZZZZZ		07/10/2021 15:51	1		DB-624 0.25(mm)
860-7296-2	Artesia-MW17C-070121	07/10/2021 16:10	1	E12211851.D	DB-624 0.25(mm)
860-7296-3	Artesia-MW12-070121	07/10/2021 16:29	1	E12211852.D	DB-624 0.25(mm)
860-7296-4	Artesia-MW38-070121	07/10/2021 16:48	1	E12211853.D	DB-624 0.25(mm)
860-7296-6	Artesia-MW36-070121	07/10/2021 17:07	1	E12211854.D	DB-624 0.25(mm)
860-7296-7	Artesia-MW37-070121	07/10/2021 17:26	1	E12211855.D	DB-624 0.25(mm)
ZZZZZ		07/10/2021 17:45	1		DB-624 0.25(mm)
ZZZZZ		07/10/2021 18:04	500		DB-624 0.25(mm)
ZZZZZ		07/10/2021 18:23	200		DB-624 0.25(mm)
ZZZZZ		07/10/2021 18:42	100		DB-624 0.25(mm)
ZZZZZ		07/10/2021 19:01	1000		DB-624 0.25(mm)
ZZZZZ		07/10/2021 19:20	1000		DB-624 0.25(mm)

8260C

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Instrument ID: A292 Start Date: 07/10/2021 20:36

Analysis Batch Number: 14565 End Date: 07/11/2021 05:28

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 860-14565/1		07/10/2021 20:36	1	E12211865.D	DB-624 0.25(mm)
CCVIS 860-14565/2		07/10/2021 20:55	1	E12211866.D	DB-624 0.25(mm)
LCS 860-14565/3		07/10/2021 21:14	1	E12211867.D	DB-624 0.25(mm)
LCSD 860-14565/4		07/10/2021 21:33	1	E12211868.D	DB-624 0.25(mm)
ZZZZZ		07/10/2021 21:52	1		DB-624 0.25(mm)
MB 860-14565/9		07/10/2021 23:08	1	E12211873.D	DB-624 0.25(mm)
ZZZZZ		07/10/2021 23:27	1		DB-624 0.25(mm)
860-7296-5	Artesia-MW11-070121	07/10/2021 23:46	1	E12211875.D	DB-624 0.25(mm)
ZZZZZ		07/11/2021 00:05	10		DB-624 0.25(mm)
ZZZZZ		07/11/2021 00:24	1		DB-624 0.25(mm)
ZZZZZ		07/11/2021 00:43	1		DB-624 0.25(mm)
ZZZZZ		07/11/2021 01:02	1		DB-624 0.25(mm)
ZZZZZ		07/11/2021 01:21	1		DB-624 0.25(mm)
ZZZZZ		07/11/2021 02:18	1		DB-624 0.25(mm)
ZZZZZ		07/11/2021 02:37	1		DB-624 0.25(mm)
ZZZZZ		07/11/2021 02:56	1		DB-624 0.25(mm)
ZZZZZ		07/11/2021 03:15	1		DB-624 0.25(mm)
ZZZZZ		07/11/2021 03:34	1		DB-624 0.25(mm)
ZZZZZ		07/11/2021 03:53	1		DB-624 0.25(mm)
ZZZZZ		07/11/2021 04:12	1		DB-624 0.25(mm)
ZZZZZ		07/11/2021 04:31	1		DB-624 0.25(mm)
ZZZZZ		07/11/2021 04:50	1		DB-624 0.25(mm)
ZZZZZ		07/11/2021 05:09	10		DB-624 0.25(mm)
ZZZZZ		07/11/2021 05:28	50		DB-624 0.25(mm)

8260C

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Instrument ID: A292 Start Date: 07/11/2021 23:46

Analysis Batch Number: 14584 End Date: 07/12/2021 08:19

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 860-14584/2		07/11/2021 23:46	1	E12211937.D	DB-624 0.25(mm)
CCVIS 860-14584/3		07/12/2021 00:05	1	E12211938.D	DB-624 0.25(mm)
LCS 860-14584/4		07/12/2021 00:43	1	E12211940.D	DB-624 0.25(mm)
LCSD 860-14584/5		07/12/2021 01:02	1	E12211941.D	DB-624 0.25(mm)
860-7296-5 MS	Artesia-MW11-070121 MS	07/12/2021 01:21	1	E12211942.D	DB-624 0.25(mm)
860-7296-5 MSD	Artesia-MW11-070121 MSD	07/12/2021 01:40	1	E12211943.D	DB-624 0.25(mm)
MB 860-14584/11		07/12/2021 02:56	1	E12211947.D	DB-624 0.25(mm)
860-7296-1	Artesia-TB01-070121	07/12/2021 03:15	1	E12211948.D	DB-624 0.25(mm)
860-7296-5	Artesia-MW11-070121	07/12/2021 03:34	1	E12211949.D	DB-624 0.25(mm)
860-7296-8	Artesia-MD37-070121	07/12/2021 03:53	1	E12211950.D	DB-624 0.25(mm)
ZZZZZ		07/12/2021 04:12	50		DB-624 0.25(mm)
ZZZZZ		07/12/2021 04:31	50		DB-624 0.25(mm)
ZZZZZ		07/12/2021 04:50	50		DB-624 0.25(mm)
ZZZZZ		07/12/2021 05:09	50		DB-624 0.25(mm)
ZZZZZ		07/12/2021 05:28	50		DB-624 0.25(mm)
ZZZZZ		07/12/2021 05:47	50		DB-624 0.25(mm)
ZZZZZ		07/12/2021 06:06	50		DB-624 0.25(mm)
ZZZZZ		07/12/2021 06:25	50		DB-624 0.25(mm)
ZZZZZ		07/12/2021 06:44	50		DB-624 0.25(mm)
ZZZZZ		07/12/2021 07:03	50		DB-624 0.25(mm)
ZZZZZ		07/12/2021 07:22	50		DB-624 0.25(mm)
ZZZZZ		07/12/2021 07:41	50		DB-624 0.25(mm)
ZZZZZ		07/12/2021 08:00	50		DB-624 0.25(mm)
ZZZZZ		07/12/2021 08:19	100		DB-624 0.25(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Batch Number: 9678 Batch Start Date: 06/02/21 13:23 Batch Analyst: Ngo, Anh

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample I	Method Chain	Basis	InitialAmount	FinalAmount	VM8260ISSS50 00002	VM8260LCSGSHO 00002	VM8260LCSSHOR 00002	VM8260SHORT 00002
BFB 860-9678/1		8260C		5 mL	5 mL	5 uL			
IC 860-9678/2		8260C		5 mL	5 mL	5 uL			0.4 uL
IC 860-9678/3		8260C		5 mL	5 mL	5 uL			0.8 uL
IC 860-9678/4		8260C		5 mL	5 mL	5 uL			4 uL
IC 860-9678/5		8260C		5 mL	5 mL	5 uL			8 uL
IC 860-9678/6		8260C		5 mL	5 mL	5 uL			20 uL
ICIS 860-9678/7		8260C		5 mL	5 mL	5 uL			40 uL
IC 860-9678/8		8260C		5 mL	5 mL	5 uL			80 uL
IC 860-9678/9		8260C		5 mL	5 mL	5 uL			120 uL
ICV 860-9678/11		8260C		5 mL	5 mL	5 uL	40 uL	40 uL	

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Batch Number: 12941 Batch Start Date: 06/28/21 11:05 Batch Analyst: Alves, Nathalie

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample I	Method Chain	Basis	InitialAmount	FinalAmount	VM8260ISSS50 00002	VM8260LCS 00005	VM8260LCSGAS 00004	VM8260STD 00024
BFB 860-12941/1		8260C		5 mL	5 mL	5 uL			
IC 860-12941/2		8260C		5 mL	5 mL	5 uL			0.8 uL
IC 860-12941/3		8260C		5 mL	5 mL	5 uL			4 uL
IC 860-12941/4		8260C		5 mL	5 mL	5 uL			8 uL
IC 860-12941/5		8260C		5 mL	5 mL	5 uL			20 uL
ICIS 860-12941/6		8260C		5 mL	5 mL	5 uL			40 uL
IC 860-12941/7		8260C		5 mL	5 mL	5 uL			80 uL
IC 860-12941/8		8260C		5 mL	5 mL	5 uL			120 uL
ICV 860-12941/9		8260C		5 mL	5 mL	5 uL	40 uL	40 uL	

Lab Sample ID	Client Sample I	Method Chain	Basis	VMAPPIILCS 00005	VMAppIISTD 00005	VMIsoLCS 00002	VMIsoSTD 00003		
BFB 860-12941/1		8260C							
IC 860-12941/2		8260C			0.8 uL		0.8 uL		
IC 860-12941/3		8260C			4 uL		4 uL		
IC 860-12941/4		8260C			8 uL		8 uL		
IC 860-12941/5		8260C			20 uL		20 uL		
ICIS 860-12941/6		8260C			40 uL		40 uL		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Batch Number: 12941 Batch Start Date: 06/28/21 11:05 Batch Analyst: Alves, Nathalie

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample I	Method Chain	Basis	VMAPPIILCS 00005	VMAppIISTD 00005	VMIsoLCS 00002	VMIsoSTD 00003		
IC 860-12941/7		8260C			80 uL		80 uL		
IC 860-12941/8		8260C			120 uL		120 uL		
ICV 860-12941/9		8260C		40 uL		40 uL			

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Batch Number: 14439 Batch Start Date: 07/09/21 10:30 Batch Analyst: Ngo, Anh

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample I	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	VM8260ISSS50 00002	VM8260LCSGSHO 00002	VM8260LCSSHOR 00002
BFB 860-14439/1		8260C		5 mL	5 mL		5 uL		
CCVIS 860-14439/2		8260C		5 mL	5 mL		5 uL		
LCS 860-14439/3		8260C		5 mL	5 mL		5 uL	40 uL	40 uL
LCSD 860-14439/4		8260C		5 mL	5 mL		5 uL	40 uL	40 uL
MB 860-14439/8		8260C		5 mL	5 mL		5 uL		
860-7296-C-2	Artesia-MW17C-070121	8260C	T	5 mL	5 mL	2 SU	5 uL		
860-7296-C-3	Artesia-MW12-070121	8260C	T	5 mL	5 mL	2 SU	5 uL		
860-7296-C-4	Artesia-MW38-070121	8260C	T	5 mL	5 mL	2 SU	5 uL		
860-7296-C-6	Artesia-MW36-070121	8260C	T	5 mL	5 mL	2 SU	5 uL		
860-7296-C-7	Artesia-MW37-070121	8260C	T	5 mL	5 mL	2 SU	5 uL		

Lab Sample ID	Client Sample I	Method Chain	Basis	VM8260SHORT 00002					
BFB 860-14439/1		8260C							
CCVIS 860-14439/2		8260C		40 uL					
LCS 860-14439/3		8260C							
LCSD 860-14439/4		8260C							
MB 860-14439/8		8260C							

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Batch Number: 14439 Batch Start Date: 07/09/21 10:30 Batch Analyst: Ngo, Anh

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample I	Method Chain	Basis	VM8260SHORT 00002					
860-7296-C-2	Artesia-MW17C-070121	8260C	T						
860-7296-C-3	Artesia-MW12-070121	8260C	T						
860-7296-C-4	Artesia-MW38-070121	8260C	T						
860-7296-C-6	Artesia-MW36-070121	8260C	T						
860-7296-C-7	Artesia-MW37-070121	8260C	T						

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Batch Number: 14545 Batch Start Date: 07/10/21 09:26 Batch Analyst: Somsaeng, Thanyaluck 1

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample I	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	VM8260ISSS50 00002	VM8260LCS 00005	VM8260LCSGAS 00005
BFB 860-14545/1		8260C		5 mL	5 mL		5 uL		
CCVIS 860-14545/2		8260C		5 mL	5 mL		5 uL		
LCS 860-14545/3		8260C		5 mL	5 mL		5 uL	40 uL	40 uL
LCSD 860-14545/4		8260C		5 mL	5 mL		5 uL	40 uL	40 uL
MB 860-14545/9		8260C		5 mL	5 mL		5 uL		
860-7296-B-2	Artesia-MW17C-070121	8260C	T	5 mL	5 mL	2 SU	5 uL		
860-7296-B-3	Artesia-MW12-070121	8260C	T	5 mL	5 mL	2 SU	5 uL		
860-7296-B-4	Artesia-MW38-070121	8260C	T	5 mL	5 mL	2 SU	5 uL		
860-7296-B-6	Artesia-MW36-070121	8260C	T	5 mL	5 mL	2 SU	5 uL		
860-7296-C-7	Artesia-MW37-070121	8260C	T	5 mL	5 mL	2 SU	5 uL		

Lab Sample ID	Client Sample I	Method Chain	Basis	VM8260STD 00024	VMAPPIILCS 00005	VMAppIISTD 00005			
BFB 860-14545/1		8260C							
CCVIS 860-14545/2		8260C		40 uL		40 uL			
LCS 860-14545/3		8260C			40 uL				
LCSD 860-14545/4		8260C			40 uL				
MB 860-14545/9		8260C							

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Batch Number: 14545 Batch Start Date: 07/10/21 09:26 Batch Analyst: Somsaeng, Thanyaluck 1

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample I	Method Chain	Basis	VM8260STD 00024	VMAPPIILCS 00005	VMAppIISTD 00005			
860-7296-B-2	Artesia-MW17C-070121	8260C	T						
860-7296-B-3	Artesia-MW12-070121	8260C	T						
860-7296-B-4	Artesia-MW38-070121	8260C	T						
860-7296-B-6	Artesia-MW36-070121	8260C	T						
860-7296-C-7	Artesia-MW37-070121	8260C	T						

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Batch Number: 14565 Batch Start Date: 07/10/21 20:36 Batch Analyst: Somsaeng, Thanyaluck 1

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample I	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	VM8260ISSS50 00002	VM8260LCS 00005	VM8260LCSGAS 00005
BFB 860-14565/1		8260C		5 mL	5 mL		5 uL		
CCVIS 860-14565/2		8260C		5 mL	5 mL		5 uL		
LCS 860-14565/3		8260C		5 mL	5 mL		5 uL	40 uL	40 uL
LCSD 860-14565/4		8260C		5 mL	5 mL		5 uL	40 uL	40 uL
MB 860-14565/9		8260C		5 mL	5 mL		5 uL		
860-7296-B-5	Artesia-MW11-070121	8260C	T	5 mL	5 mL	2 SU	5 uL		

Lab Sample ID	Client Sample I	Method Chain	Basis	VM8260STD 00024	VMAPPIILCS 00005	VMAppIISTD 00005			
BFB 860-14565/1		8260C							
CCVIS 860-14565/2		8260C		40 uL		40 uL			
LCS 860-14565/3		8260C			40 uL				
LCSD 860-14565/4		8260C			40 uL				
MB 860-14565/9		8260C							
860-7296-B-5	Artesia-MW11-070121	8260C	T						

Batch Notes	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Batch Number: 14565 Batch Start Date: 07/10/21 20:36 Batch Analyst: Somsaeng, Thanyaluck 1

Batch Method: 8260C Batch End Date:

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Batch Number: 14584 Batch Start Date: 07/11/21 23:46 Batch Analyst: Ngo, Anh

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample I	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	VM8260ISSS50 00002	VM8260LCS 00005	VM8260LCSGAS 00005
BFB 860-14584/2		8260C		5 mL	5 mL		5 uL		
CCVIS 860-14584/3		8260C		5 mL	5 mL		5 uL		
LCS 860-14584/4		8260C		5 mL	5 mL		5 uL	40 uL	40 uL
LCSD 860-14584/5		8260C		5 mL	5 mL		5 uL	40 uL	40 uL
860-7296-C-5 MS	Artesia-MW11-070121	8260C	T	5 mL	5 mL		5 uL	40 uL	40 uL
860-7296-C-5 MSD	Artesia-MW11-070121	8260C	T	5 mL	5 mL		5 uL	40 uL	40 uL
MB 860-14584/11		8260C		5 mL	5 mL		5 uL		
860-7296-A-1	Artesia-TB01-070121	8260C	T	5 mL	5 mL	2 SU	5 uL		
860-7296-C-5	Artesia-MW11-070121	8260C	T	5 mL	5 mL	2 SU	5 uL		
860-7296-C-8	Artesia-MD37-070121	8260C	T	5 mL	5 mL	2 SU	5 uL		

Lab Sample ID	Client Sample I	Method Chain	Basis	VM8260STD 00024					
BFB 860-14584/2		8260C							
CCVIS 860-14584/3		8260C		40 uL					
LCS 860-14584/4		8260C							
LCSD 860-14584/5		8260C							
860-7296-C-5 MS	Artesia-MW11-070121	8260C	T						

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Batch Number: 14584 Batch Start Date: 07/11/21 23:46 Batch Analyst: Ngo, Anh

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample I	Method Chain	Basis	VM8260STD 00024					
860-7296-C-5 MSD	Artesia-MW11-070121	8260C	T						
MB 860-14584/11		8260C							
860-7296-A-1	Artesia-TB01-070121	8260C	T						
860-7296-C-5	Artesia-MW11-070121	8260C	T						
860-7296-C-8	Artesia-MD37-070121	8260C	T						

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Method 300.0

Anions (IC) by Method 300.0

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FORM III
HPLC/IC LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 15_Jul_2021 19_03.d

Lab ID: LCS 860-15170/55 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC	QC LIMITS REC	#
Sulfate	10.0	9.862	99	90-110	

Column to be used to flag recovery and RPD values

FORM III 300.0

FORM III
HPLC/IC LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 16_Jul_2021 09_03.d

Lab ID: LCS 860-15332/4 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC	QC LIMITS REC	#
Sulfate	10.0	9.795	98	90-110	

Column to be used to flag recovery and RPD values

FORM III 300.0

FORM III
HPLC/IC LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 15_Jul_2021 19_15.d

Lab ID: LCSD 860-15170/56 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Sulfate	10.0	9.796	98	1	20	90-110	

Column to be used to flag recovery and RPD values

FORM III 300.0

FORM III
HPLC/IC LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 16_Jul_2021 09_14.d

Lab ID: LCSD 860-15332/5 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Sulfate	10.0	9.798	98	0	20	90-110	

Column to be used to flag recovery and RPD values

FORM III 300.0

FORM IV
HPLC/IC METHOD BLANK SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Lab File ID: 15_Jul_2021 18_51.d Lab Sample ID: MB 860-15170/54

Matrix: Water Date Extracted:

Instrument ID: A166 Date Analyzed: 07/15/2021 18:51

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 860-15170/55	15_Jul_2021 19_03.d	07/15/2021 19:03
	LCSD 860-15170/56	15_Jul_2021 19_15.d	07/15/2021 19:15
Artesia-MW17C-070121	860-7296-2	15_Jul_2021 22_22.d	07/15/2021 22:22
Artesia-MW36-070121	860-7296-6	16_Jul_2021 00_20.d	07/16/2021 00:20

FORM IV
HPLC/IC METHOD BLANK SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Lab File ID: 16_Jul_2021 08_51.d Lab Sample ID: MB 860-15332/3

Matrix: Water Date Extracted:

Instrument ID: A166 Date Analyzed: 07/16/2021 08:51

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 860-15332/4	16_Jul_2021 09_03.d	07/16/2021 09:03
	LCSD 860-15332/5	16_Jul_2021 09_14.d	07/16/2021 09:14
Artesia-MW12-070121	860-7296-3	16_Jul_2021 09_26.d	07/16/2021 09:26
Artesia-MW38-070121	860-7296-4	16_Jul_2021 09_38.d	07/16/2021 09:38
Artesia-MW11-070121	860-7296-5	16_Jul_2021 09_50.d	07/16/2021 09:50
Artesia-MW37-070121	860-7296-7	16_Jul_2021 10_01.d	07/16/2021 10:01
Artesia-MD37-070121	860-7296-8	16_Jul_2021 10_13.d	07/16/2021 10:13

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Client Sample ID: Artesia-MW17C-070121 Lab Sample ID: 860-7296-2

Matrix: Water Lab File ID: 15_Jul_2021 22_22.d

Analysis Method: 300.0 Date Collected: 07/01/2021 12:10

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 07/15/2021 22:22

Con. Extract Vol.: Dilution Factor: 10

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 15170 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	2420		5.00	1.09

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Client Sample ID: Artesia-MW12-070121 Lab Sample ID: 860-7296-3

Matrix: Water Lab File ID: 16_Jul_2021 09_26.d

Analysis Method: 300.0 Date Collected: 07/01/2021 13:00

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 07/16/2021 09:26

Con. Extract Vol.: Dilution Factor: 20

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 15332 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	2720		10.0	2.18

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Client Sample ID: Artesia-MW38-070121 Lab Sample ID: 860-7296-4

Matrix: Water Lab File ID: 16_Jul_2021 09_38.d

Analysis Method: 300.0 Date Collected: 07/01/2021 13:30

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 07/16/2021 09:38

Con. Extract Vol.: Dilution Factor: 20

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 15332 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	2840		10.0	2.18

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Client Sample ID: Artesia-MW11-070121 Lab Sample ID: 860-7296-5

Matrix: Water Lab File ID: 16_Jul_2021 09_50.d

Analysis Method: 300.0 Date Collected: 07/01/2021 14:20

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 07/16/2021 09:50

Con. Extract Vol.: Dilution Factor: 20

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 15332 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	3210		10.0	2.18

FORM I 300.0

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Client Sample ID: Artesia-MW36-070121 Lab Sample ID: 860-7296-6

Matrix: Water Lab File ID: 16_Jul_2021 00_20.d

Analysis Method: 300.0 Date Collected: 07/01/2021 14:40

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 07/16/2021 00:20

Con. Extract Vol.: Dilution Factor: 10

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 15170 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	2270		5.00	1.09

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Client Sample ID: Artesia-MW37-070121 Lab Sample ID: 860-7296-7

Matrix: Water Lab File ID: 16_Jul_2021 10_01.d

Analysis Method: 300.0 Date Collected: 07/01/2021 14:35

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 07/16/2021 10:01

Con. Extract Vol.: Dilution Factor: 20

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 15332 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	3100		10.0	2.18

FORM I 300.0

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Client Sample ID: Artesia-MD37-070121 Lab Sample ID: 860-7296-8

Matrix: Water Lab File ID: 16_Jul_2021 10_13.d

Analysis Method: 300.0 Date Collected: 07/01/2021 14:45

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 07/16/2021 10:13

Con. Extract Vol.: Dilution Factor: 20

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 15332 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	3110		10.0	2.18

Received by OCD: 3/25/2022 8:51:12 AM

FORM VI
HPLC/IC BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RETENTION TIME SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1 Analy Batch No.: 11887

SDG No.:

Instrument ID: A166 GC Column: AS-18 ID: 0.004(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/18/2021 17:42 Calibration End Date: 06/18/2021 19:31 Calibration ID: 1048

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-11887/2	18_Jun_2021 17_42.d
Level 2	IC 860-11887/3	18_Jun_2021 17_54.d
Level 3	IC 860-11887/4	18_Jun_2021 18_06.d
Level 4	IC 860-11887/5	18_Jun_2021 18_18.d
Level 5	IC 860-11887/6	18_Jun_2021 18_31.d
Level 6	ICRT 860-11887/7	18_Jun_2021 18_43.d
Level 7	IC 860-11887/8	18_Jun_2021 18_55.d
Level 8	IC 860-11887/9	18_Jun_2021 19_07.d
Level 9	IC 860-11887/10	18_Jun_2021 19_19.d
Level 10	IC 860-11887/11	18_Jun_2021 19_31.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6	LVL 7	LVL 8	LVL 9	LVL 10	RT WINDOW	AVG RT
Fluoride	3.047	3.050	3.050	3.054	3.060	3.063	3.073				2.804 - 3.304	3.057
Chloride	+++++	+++++	4.187	4.190	4.187	4.183	4.183	4.163	4.140	4.107	3.940 - 4.440	4.168
Sulfate	+++++	+++++	5.680	5.677	5.670	5.663	5.643	5.543	5.407		5.427 - 5.927	5.612
Bromide	6.850	6.850	6.850	6.847	6.837	6.820	6.793				6.597 - 7.097	6.835

Released to Imaging: 6/14/2022 10:51:35 AM

Received by OCD: 3/25/2022 8:51:12 AM

FORM VI
HPLC/IC BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1 Analy Batch No.: 11887

SDG No.:

Instrument ID: A166 GC Column: AS-18 ID: 0.004(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/18/2021 17:42 Calibration End Date: 06/18/2021 19:31 Calibration ID: 1048

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-11887/2	18_Jun_2021 17_42.d
Level 2	IC 860-11887/3	18_Jun_2021 17_54.d
Level 3	IC 860-11887/4	18_Jun_2021 18_06.d
Level 4	IC 860-11887/5	18_Jun_2021 18_18.d
Level 5	IC 860-11887/6	18_Jun_2021 18_31.d
Level 6	ICRT 860-11887/7	18_Jun_2021 18_43.d
Level 7	IC 860-11887/8	18_Jun_2021 18_55.d
Level 8	IC 860-11887/9	18_Jun_2021 19_07.d
Level 9	IC 860-11887/10	18_Jun_2021 19_19.d
Level 10	IC 860-11887/11	18_Jun_2021 19_31.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5 LVL 9	LVL 2 LVL 6 LVL 10	LVL 3 LVL 7	LVL 4 LVL 8		B	M1	M2								
Fluoride	21986480 27413973	23150860 26127696	26405432 23810600	28238494	Lin1	93747.2743	25059039.0							0.9960		0.9950
Chloride	+++++ 16401223 16687285	+++++ 16652153 16299860	15305656 16494542	15770841 17130181	Lin1	-407655.59	16514238.8							1.0000		0.9950
Sulfate	+++++ 12149822 12303773	+++++ 12535143	12145544 12680865	11160417 12701399	Lin1	-405290.18	12434337.2							1.0000		0.9950
Bromide	4973370 6799893	5297610 7102294	5710582 7186354	6005526	Lin1	-365630.30	7112134.92							0.9990		0.9950

Note: The M1 coefficient is the same as Ave CF for an Ave curve type.

Released to Imaging: 6/14/2022 10:51:35 AM

Received by OCD: 3/25/2022 8:51:12 AM

FORM VI
HPLC/IC BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1 Analy Batch No.: 11887

SDG No.:

Instrument ID: A166 GC Column: AS-18 ID: 0.004(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/18/2021 17:42 Calibration End Date: 06/18/2021 19:31 Calibration ID: 1048

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-11887/2	18_Jun_2021 17_42.d
Level 2	IC 860-11887/3	18_Jun_2021 17_54.d
Level 3	IC 860-11887/4	18_Jun_2021 18_06.d
Level 4	IC 860-11887/5	18_Jun_2021 18_18.d
Level 5	IC 860-11887/6	18_Jun_2021 18_31.d
Level 6	ICRT 860-11887/7	18_Jun_2021 18_43.d
Level 7	IC 860-11887/8	18_Jun_2021 18_55.d
Level 8	IC 860-11887/9	18_Jun_2021 19_07.d
Level 9	IC 860-11887/10	18_Jun_2021 19_19.d
Level 10	IC 860-11887/11	18_Jun_2021 19_31.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
		LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10
Fluoride	Lin1	2198648 261276964	4630172 476212009	13202716	28238494	137069864	0.100 10.0	0.200 20.0	0.500	1.00	5.00
Chloride	Lin1	+++++ 166521534	+++++ 329890848	7652828 171301808 4	15770841 417182120 2	82006115 814992996 5	+++++ 10.0	+++++ 20.0	0.500 100	1.00 250	5.00 500
Sulfate	Lin1	+++++ 125351430	+++++ 253617307	6072772 127013994 6	11160417 307594332 9	60749112	+++++ 10.0	+++++ 20.0	0.500 100	1.00 250	5.00
Bromide	Lin1	497337 71022941	1059522 143727072	2855291	6005526	33999464	0.100 10.0	0.200 20.0	0.500	1.00	5.00

Curve Type Legend
Lin1 = Linear 1/conc

Released to Imaging: 6/14/2022 10:51:35 AM

Calibration / Fluoride

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ESTD
Response Base:	AREA
RF Rounding:	0

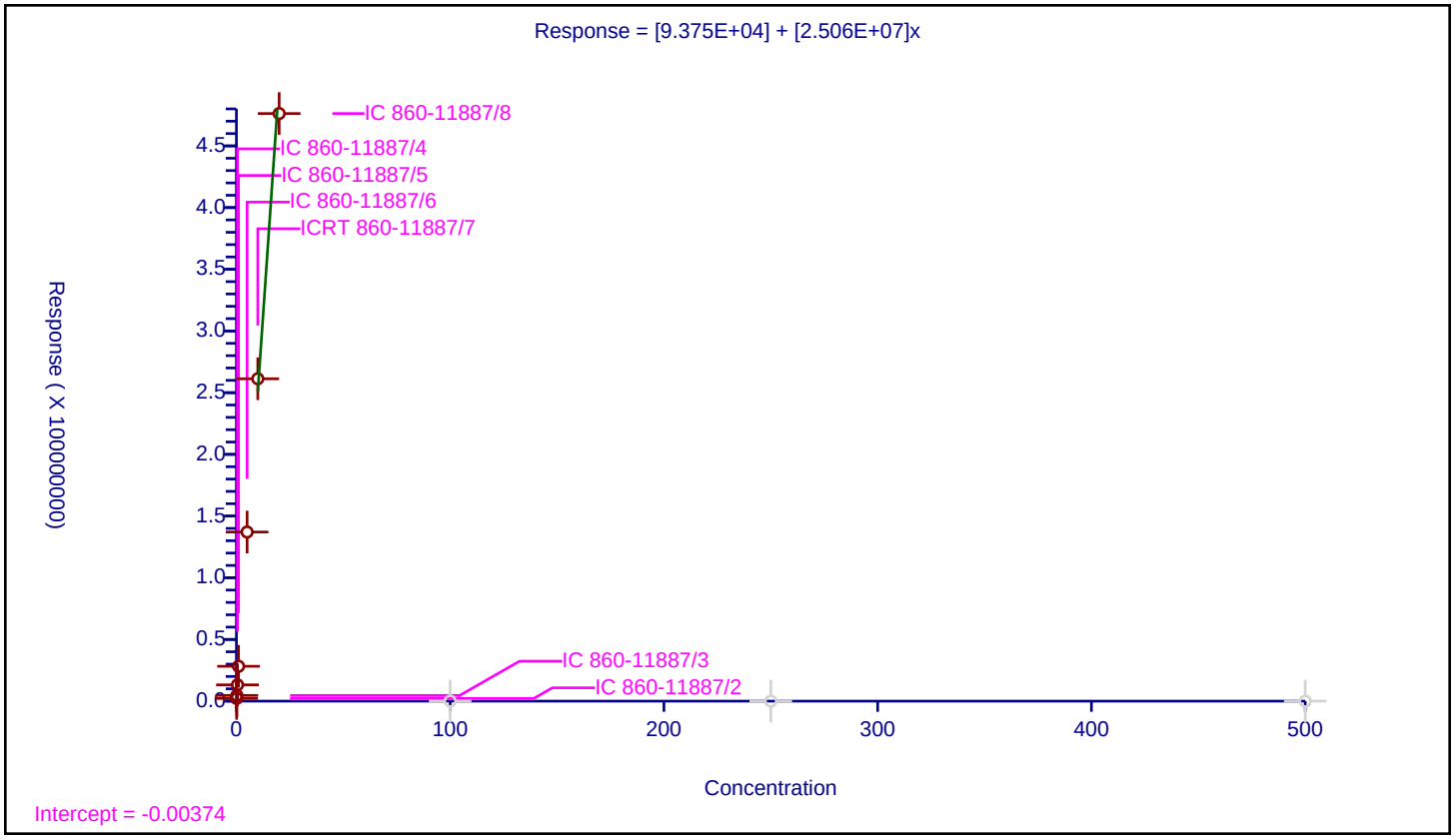
Curve Coefficients

Intercept:	9.375E+04
Slope:	2.506E+07

Error Coefficients

Standard Error:	13300000
Relative Standard Error:	11.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	IC 860-11887/2	0.1	2198648.0			21986480.0	Y
2	IC 860-11887/3	0.2	4630172.0			23150860.0	Y
3	IC 860-11887/4	0.5	13202716.0			26405432.0	Y
4	IC 860-11887/5	1.0	28238494.0			28238494.0	Y
5	IC 860-11887/6	5.0	137069864.0			27413972.8	Y
6	ICRT 860-11887/7	10.0	261276964.0			26127696.4	Y
7	IC 860-11887/8	20.0	476212009.0			23810600.45	Y
8	IC 860-11887/9	100.0	0.0			0.0	N
9	IC 860-11887/10	250.0	0.0			0.0	N
10	IC 860-11887/11	500.0	0.0			0.0	N



Calibration / Chloride

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ESTD
Response Base:	AREA
RF Rounding:	0

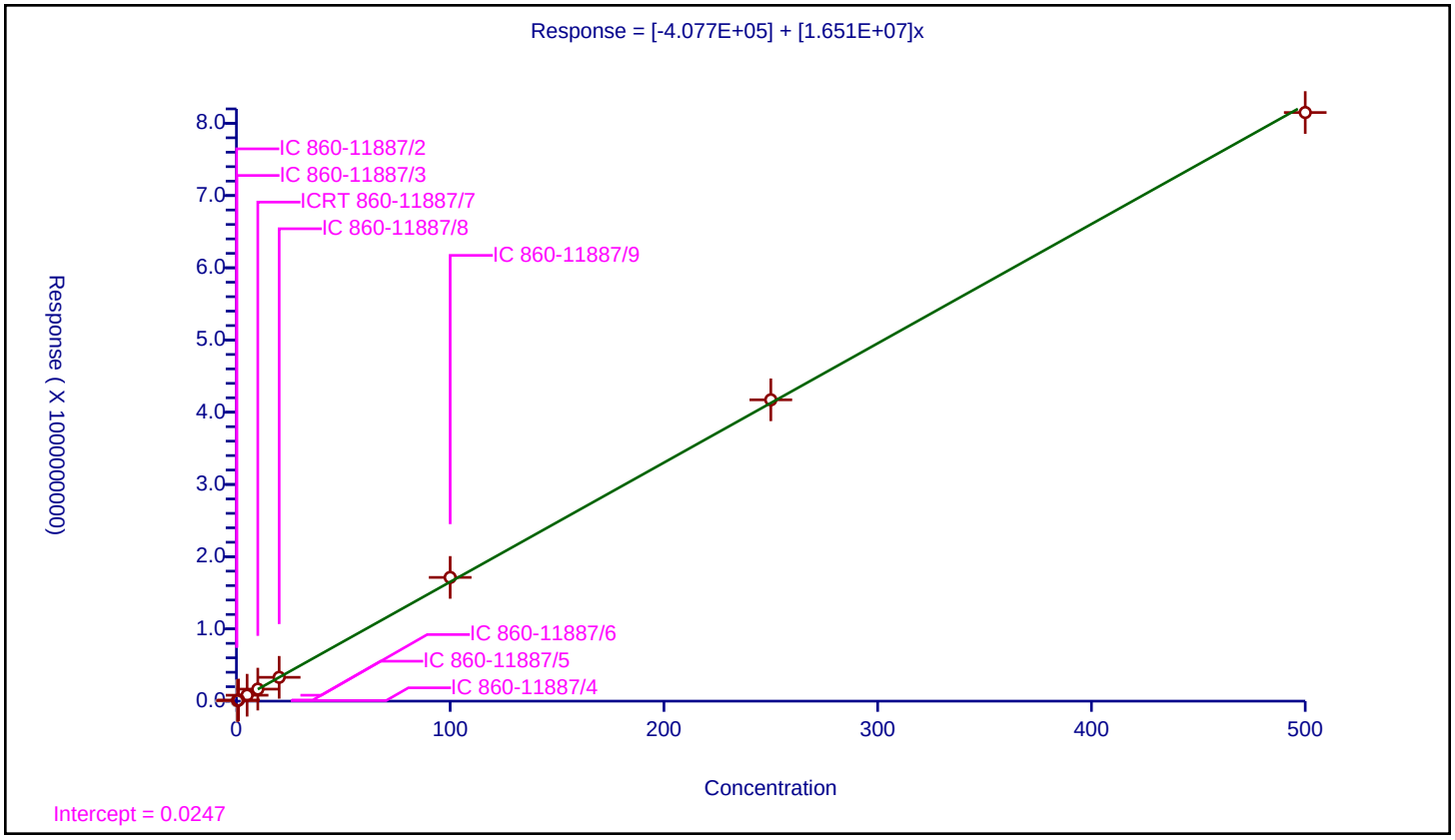
Curve Coefficients

Intercept:	-4.077E+05
Slope:	1.651E+07

Error Coefficients

Standard Error:	53500000
Relative Standard Error:	2.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	IC 860-11887/2	0.1	1486803.0			14868030.0	N
2	IC 860-11887/3	0.2	3695351.0			18476755.0	N
3	IC 860-11887/4	0.5	7652828.0			15305656.0	Y
4	IC 860-11887/5	1.0	15770841.0			15770841.0	Y
5	IC 860-11887/6	5.0	82006115.0			16401223.0	Y
6	ICRT 860-11887/7	10.0	166521534.0			16652153.4	Y
7	IC 860-11887/8	20.0	329890848.0			16494542.4	Y
8	IC 860-11887/9	100.0	1713018084.0			17130180.84	Y
9	IC 860-11887/10	250.0	4171821202.0			16687284.808	Y
10	IC 860-11887/11	500.0	8149929965.0			16299859.93	Y



Calibration / Sulfate

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ESTD
Response Base:	AREA
RF Rounding:	0

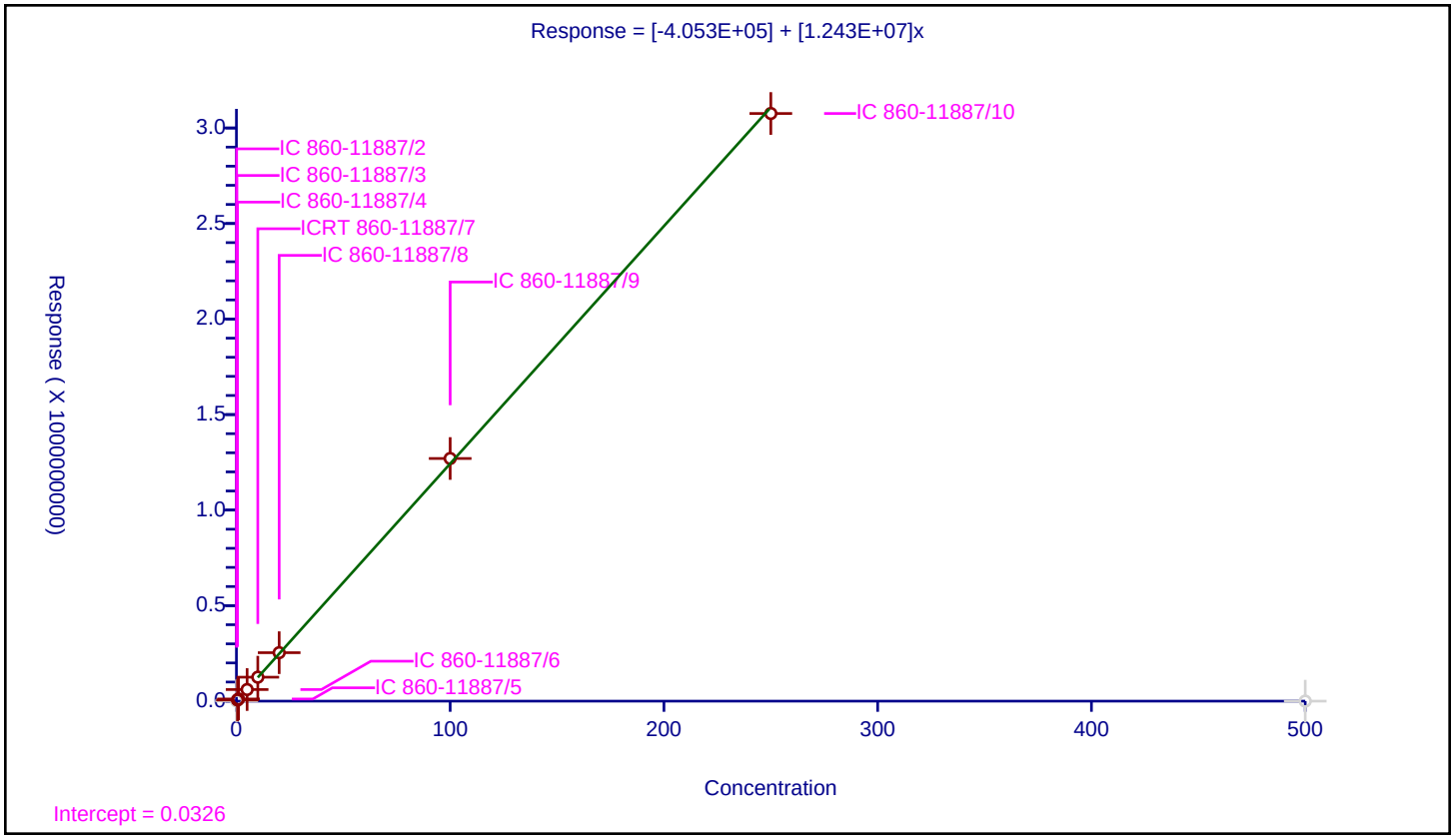
Curve Coefficients

Intercept:	-4.053E+05
Slope:	1.243E+07

Error Coefficients

Standard Error:	19000000
Relative Standard Error:	4.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	IC 860-11887/2	0.1	1080630.0			10806300.0	N
2	IC 860-11887/3	0.2	4290714.0			21453570.0	N
3	IC 860-11887/4	0.5	6072772.0			12145544.0	Y
4	IC 860-11887/5	1.0	11160417.0			11160417.0	Y
5	IC 860-11887/6	5.0	60749112.0			12149822.4	Y
6	ICRT 860-11887/7	10.0	125351430.0			12535143.0	Y
7	IC 860-11887/8	20.0	253617307.0			12680865.35	Y
8	IC 860-11887/9	100.0	1270139946.0			12701399.46	Y
9	IC 860-11887/10	250.0	3075943329.0			12303773.316	Y
10	IC 860-11887/11	500.0	0.0			0.0	N



Calibration / Bromide

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ESTD
Response Base:	AREA
RF Rounding:	0

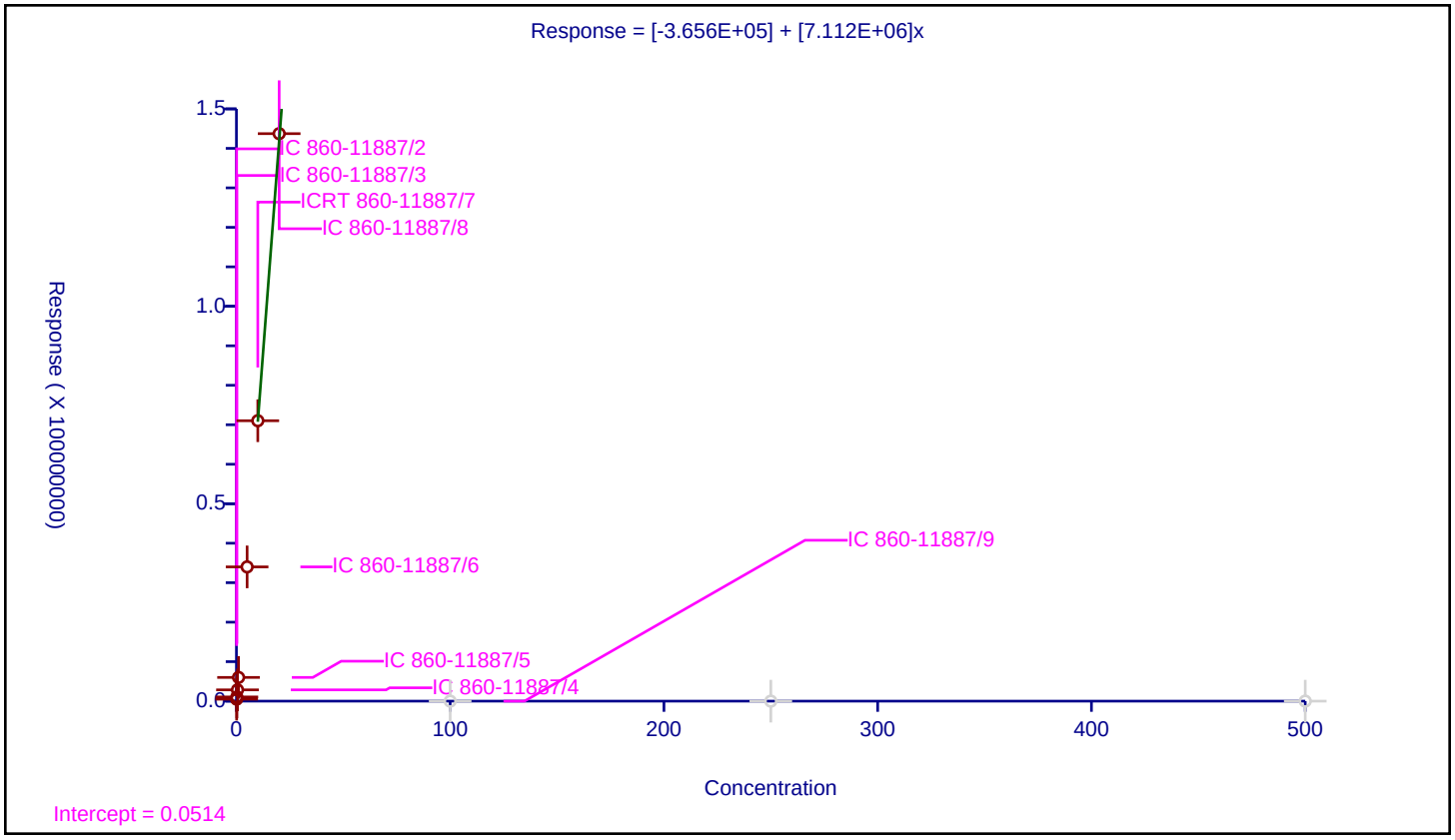
Curve Coefficients

Intercept:	-3.656E+05
Slope:	7.112E+06

Error Coefficients

Standard Error:	1060000
Relative Standard Error:	11.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	IC 860-11887/2	0.1	497337.0			4973370.0	Y
2	IC 860-11887/3	0.2	1059522.0			5297610.0	Y
3	IC 860-11887/4	0.5	2855291.0			5710582.0	Y
4	IC 860-11887/5	1.0	6005526.0			6005526.0	Y
5	IC 860-11887/6	5.0	33999464.0			6799892.8	Y
6	ICRT 860-11887/7	10.0	71022941.0			7102294.1	Y
7	IC 860-11887/8	20.0	143727072.0			7186353.6	Y
8	IC 860-11887/9	100.0	0.0			0.0	N
9	IC 860-11887/10	250.0	0.0			0.0	N
10	IC 860-11887/11	500.0	0.0			0.0	N



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Lab Sample ID: CCVRT 860-15170/1 Calibration Date: 07/15/2021 08:21

Instrument ID: A166 Calib Start Date: 06/18/2021 17:42

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 06/18/2021 19:31

Lab File ID: 15_Jul_2021 08_21.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluoride	Lin1		26255254		10.5	10.0	4.7	10.0
Chloride	Lin1		16939584		10.3	10.0	2.8	10.0
Sulfate	Lin1		12201562		9.85	10.0	-1.5	10.0
Bromide	Lin1		6920649		9.78	10.0	-2.2	10.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Lab Sample ID: CCVRT 860-15170/1 Calibration Date: 07/15/2021 08:21

Instrument ID: A166 Calib Start Date: 06/18/2021 17:42

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 06/18/2021 19:31

Lab File ID: 15_Jul_2021 08_21.d

Analyte	RT	RT WINDOW	
		FROM	TO
Fluoride	3.05	2.80	3.30
Chloride	4.05	3.80	4.30
Sulfate	5.25	5.00	5.50
Bromide	6.41	6.16	6.66

Form VII 300.0

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Lab Sample ID: CCV 860-15170/49 Calibration Date: 07/15/2021 18:28

Instrument ID: A166 Calib Start Date: 06/18/2021 17:42

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 06/18/2021 19:31

Lab File ID: 15_Jul_2021 18_28.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluoride	Lin1		26109906		10.4	10.0	4.2	10.0
Chloride	Lin1		17000742		10.3	10.0	3.2	10.0
Sulfate	Lin1		12011089		9.69	10.0	-3.1	10.0
Bromide	Lin1		6956860		9.83	10.0	-1.7	10.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Lab Sample ID: CCV 860-15170/49 Calibration Date: 07/15/2021 18:28

Instrument ID: A166 Calib Start Date: 06/18/2021 17:42

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 06/18/2021 19:31

Lab File ID: 15_Jul_2021 18_28.d

Analyte	RT	RT WINDOW	
		FROM	TO
Fluoride	3.05	2.80	3.30
Chloride	4.06	3.80	4.30
Sulfate	5.30	5.00	5.50
Bromide	6.40	6.16	6.66

Form VII 300.0

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Lab Sample ID: CCV 860-15170/64 Calibration Date: 07/15/2021 20:48

Instrument ID: A166 Calib Start Date: 06/18/2021 17:42

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 06/18/2021 19:31

Lab File ID: 15_Jul_2021 20_48.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluoride	Lin1		26231265		10.5	10.0	4.6	10.0
Chloride	Lin1		16923950		10.3	10.0	2.7	10.0
Sulfate	Lin1		11990371		9.68	10.0	-3.2	10.0
Bromide	Lin1		6949151		9.82	10.0	-1.8	10.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Lab Sample ID: CCV 860-15170/64 Calibration Date: 07/15/2021 20:48

Instrument ID: A166 Calib Start Date: 06/18/2021 17:42

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 06/18/2021 19:31

Lab File ID: 15_Jul_2021 20_48.d

Analyte	RT	RT WINDOW	
		FROM	TO
Fluoride	3.06	2.80	3.30
Chloride	4.06	3.80	4.30
Sulfate	5.29	5.00	5.50
Bromide	6.40	6.16	6.66

Form VII 300.0

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Lab Sample ID: CCV 860-15170/76 Calibration Date: 07/15/2021 23:09

Instrument ID: A166 Calib Start Date: 06/18/2021 17:42

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 06/18/2021 19:31

Lab File ID: 15_Jul_2021 23_09.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluoride	Lin1		26131582		10.4	10.0	4.2	10.0
Chloride	Lin1		16967836		10.3	10.0	3.0	10.0
Sulfate	Lin1		12093252		9.76	10.0	-2.4	10.0
Bromide	Lin1		6921973		9.78	10.0	-2.2	10.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Lab Sample ID: CCV 860-15170/76 Calibration Date: 07/15/2021 23:09

Instrument ID: A166 Calib Start Date: 06/18/2021 17:42

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 06/18/2021 19:31

Lab File ID: 15_Jul_2021 23_09.d

Analyte	RT	RT WINDOW	
		FROM	TO
Fluoride	3.06	2.80	3.30
Chloride	4.06	3.80	4.30
Sulfate	5.30	5.00	5.50
Bromide	6.41	6.16	6.66

Form VII 300.0

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Lab Sample ID: CCV 860-15170/87 Calibration Date: 07/16/2021 01:30

Instrument ID: A166 Calib Start Date: 06/18/2021 17:42

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 06/18/2021 19:31

Lab File ID: 16_Jul_2021 01_30.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluoride	Lin1		26566152		10.6	10.0	6.0	10.0
Chloride	Lin1		17037595		10.3	10.0	3.4	10.0
Sulfate	Lin1		11880746		9.59	10.0	-4.1	10.0
Bromide	Lin1		7014354		9.91	10.0	-0.9	10.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Lab Sample ID: CCV 860-15170/87 Calibration Date: 07/16/2021 01:30

Instrument ID: A166 Calib Start Date: 06/18/2021 17:42

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 06/18/2021 19:31

Lab File ID: 16_Jul_2021 01_30.d

Analyte	RT	RT WINDOW	
		FROM	TO
Fluoride	3.06	2.80	3.30
Chloride	4.06	3.80	4.30
Sulfate	5.29	5.00	5.50
Bromide	6.41	6.16	6.66

Form VII 300.0

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Lab Sample ID: CCVRT 860-15332/1 Calibration Date: 07/16/2021 08:27

Instrument ID: A166 Calib Start Date: 06/18/2021 17:42

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 06/18/2021 19:31

Lab File ID: 16_Jul_2021 08_27.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluoride	Lin1		26383980		10.5	10.0	5.2	10.0
Chloride	Lin1		16940936		10.3	10.0	2.8	10.0
Sulfate	Lin1		11908984		9.61	10.0	-3.9	10.0
Bromide	Lin1		6967321		9.85	10.0	-1.5	10.0

FORM VII 300.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Lab Sample ID: CCVRT 860-15332/1 Calibration Date: 07/16/2021 08:27

Instrument ID: A166 Calib Start Date: 06/18/2021 17:42

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 06/18/2021 19:31

Lab File ID: 16_Jul_2021 08_27.d

Analyte	RT	RT WINDOW	
		FROM	TO
Fluoride	3.06	2.81	3.31
Chloride	4.05	3.80	4.30
Sulfate	5.26	5.01	5.51
Bromide	6.40	6.15	6.65

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Lab Sample ID: CCV 860-15332/13 Calibration Date: 07/16/2021 10:56

Instrument ID: A166 Calib Start Date: 06/18/2021 17:42

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 06/18/2021 19:31

Lab File ID: 16_Jul_2021 10_56.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluoride	Lin1		26331208		10.5	10.0	5.0	10.0
Chloride	Lin1		16956269		10.3	10.0	2.9	10.0
Sulfate	Lin1		12036551		9.71	10.0	-2.9	10.0
Bromide	Lin1		7008399		9.91	10.0	-0.9	10.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Lab Sample ID: CCV 860-15332/13 Calibration Date: 07/16/2021 10:56

Instrument ID: A166 Calib Start Date: 06/18/2021 17:42

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 06/18/2021 19:31

Lab File ID: 16_Jul_2021 10_56.d

Analyte	RT	RT WINDOW	
		FROM	TO
Fluoride	3.05	2.81	3.31
Chloride	4.05	3.80	4.30
Sulfate	5.29	5.01	5.51
Bromide	6.39	6.15	6.65

Form VII 300.0

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Lab Sample ID: CCV 860-15332/25 Calibration Date: 07/16/2021 13:17

Instrument ID: A166 Calib Start Date: 06/18/2021 17:42

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 06/18/2021 19:31

Lab File ID: 16_Jul_2021 13_17.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluoride	Lin1		26256464		10.5	10.0	4.7	10.0
Chloride	Lin1		16884102		10.3	10.0	2.5	10.0
Sulfate	Lin1		12057309		9.73	10.0	-2.7	10.0
Bromide	Lin1		6960273		9.84	10.0	-1.6	10.0

FORM VII 300.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Lab Sample ID: CCV 860-15332/25 Calibration Date: 07/16/2021 13:17

Instrument ID: A166 Calib Start Date: 06/18/2021 17:42

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 06/18/2021 19:31

Lab File ID: 16_Jul_2021 13_17.d

Analyte	RT	RT WINDOW	
		FROM	TO
Fluoride	3.06	2.81	3.31
Chloride	4.06	3.80	4.30
Sulfate	5.29	5.01	5.51
Bromide	6.39	6.15	6.65

Form VII 300.0

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 860-15170/54

Matrix: Water Lab File ID: 15_Jul_2021 18_51.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 07/15/2021 18:51

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 15170 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	0.109	U	0.500	0.109

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 860-15332/3

Matrix: Water Lab File ID: 16_Jul_2021 08_51.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 07/16/2021 08:51

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 15332 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	0.109	U	0.500	0.109

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Client Sample ID: Lab Sample ID: CCB 860-15170/50

Matrix: Water Lab File ID: 15_Jul_2021 18_39.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 07/15/2021 18:39

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 15170 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	0.109	U	0.500	0.109

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Client Sample ID: Lab Sample ID: CCB 860-15170/65

Matrix: Water Lab File ID: 15_Jul_2021 21_00.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 07/15/2021 21:00

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 15170 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	0.109	U	0.500	0.109

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Client Sample ID: Lab Sample ID: CCB 860-15170/77

Matrix: Water Lab File ID: 15_Jul_2021 23_21.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 07/15/2021 23:21

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 15170 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	0.109	U	0.500	0.109

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Client Sample ID: Lab Sample ID: CCB 860-15170/88

Matrix: Water Lab File ID: 16_Jul_2021 01_42.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 07/16/2021 01:42

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 15170 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	0.109	U	0.500	0.109

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Client Sample ID: Lab Sample ID: CCB 860-15332/2

Matrix: Water Lab File ID: 16_Jul_2021 08_39.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 07/16/2021 08:39

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 15332 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	0.109	U	0.500	0.109

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Client Sample ID: Lab Sample ID: CCB 860-15332/14

Matrix: Water Lab File ID: 16_Jul_2021 11_08.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 07/16/2021 11:08

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 15332 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	0.109	U	0.500	0.109

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Client Sample ID: Lab Sample ID: CCB 860-15332/26

Matrix: Water Lab File ID: 16_Jul_2021 13_29.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 07/16/2021 13:29

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 15332 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	0.109	U	0.500	0.109

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 860-15170/55

Matrix: Water Lab File ID: 15_Jul_2021 19_03.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 07/15/2021 19:03

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 15170 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	9.862		0.500	0.109

FORM I 300.0

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 860-15332/4

Matrix: Water Lab File ID: 16_Jul_2021 09_03.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 07/16/2021 09:03

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 15332 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	9.795		0.500	0.109

FORM I 300.0

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 860-15170/56

Matrix: Water Lab File ID: 15_Jul_2021 19_15.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 07/15/2021 19:15

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 15170 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	9.796		0.500	0.109

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 860-15332/5

Matrix: Water Lab File ID: 16_Jul_2021 09_14.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 07/16/2021 09:14

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 15332 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	9.798		0.500	0.109

HPLC/IC ANALYSIS RUN LOG

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Instrument ID: A166 Start Date: 06/18/2021 17:42

Analysis Batch Number: 11887 End Date: 06/18/2021 19:31

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
IC 860-11887/2		06/18/2021 17:42	1	18_Jun_2021 17_42.d	AS-18 0.004(mm)
IC 860-11887/3		06/18/2021 17:54	1	18_Jun_2021 17_54.d	AS-18 0.004(mm)
IC 860-11887/4		06/18/2021 18:06	1	18_Jun_2021 18_06.d	AS-18 0.004(mm)
IC 860-11887/5		06/18/2021 18:18	1	18_Jun_2021 18_18.d	AS-18 0.004(mm)
IC 860-11887/6		06/18/2021 18:31	1	18_Jun_2021 18_31.d	AS-18 0.004(mm)
ICRT 860-11887/7		06/18/2021 18:43	1	18_Jun_2021 18_43.d	AS-18 0.004(mm)
IC 860-11887/8		06/18/2021 18:55	1	18_Jun_2021 18_55.d	AS-18 0.004(mm)
IC 860-11887/9		06/18/2021 19:07	1	18_Jun_2021 19_07.d	AS-18 0.004(mm)
IC 860-11887/10		06/18/2021 19:19	1	18_Jun_2021 19_19.d	AS-18 0.004(mm)
IC 860-11887/11		06/18/2021 19:31	1	18_Jun_2021 19_31.d	AS-18 0.004(mm)

300.0

HPLC/IC ANALYSIS RUN LOG

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Instrument ID: A166 Start Date: 07/15/2021 08:21

Analysis Batch Number: 15170 End Date: 07/16/2021 02:29

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVRT 860-15170/1		07/15/2021 08:21	1	15_Jul_2021 08_21.d	AS-18 0.004(mm)
CCB 860-15170/2		07/15/2021 08:32	1		AS-18 0.004(mm)
ZZZZZ		07/15/2021 08:44	1		AS-18 0.004(mm)
ZZZZZ		07/15/2021 08:56	1		AS-18 0.004(mm)
ZZZZZ		07/15/2021 09:08	1		AS-18 0.004(mm)
ZZZZZ		07/15/2021 09:27	1		AS-18 0.004(mm)
ZZZZZ		07/15/2021 09:39	1		AS-18 0.004(mm)
ZZZZZ		07/15/2021 09:51	1		AS-18 0.004(mm)
ZZZZZ		07/15/2021 10:03	1		AS-18 0.004(mm)
ZZZZZ		07/15/2021 10:14	20		AS-18 0.004(mm)
ZZZZZ		07/15/2021 10:26	1		AS-18 0.004(mm)
ZZZZZ		07/15/2021 10:38	20		AS-18 0.004(mm)
CCV 860-15170/13		07/15/2021 10:50	1		AS-18 0.004(mm)
CCB 860-15170/14		07/15/2021 11:01	1		AS-18 0.004(mm)
ZZZZZ		07/15/2021 11:13	1		AS-18 0.004(mm)
ZZZZZ		07/15/2021 11:25	20		AS-18 0.004(mm)
ZZZZZ		07/15/2021 11:37	1		AS-18 0.004(mm)
ZZZZZ		07/15/2021 11:48	20		AS-18 0.004(mm)
ZZZZZ		07/15/2021 12:00	1		AS-18 0.004(mm)
ZZZZZ		07/15/2021 12:12	20		AS-18 0.004(mm)
ZZZZZ		07/15/2021 12:23	1		AS-18 0.004(mm)
ZZZZZ		07/15/2021 12:35	20		AS-18 0.004(mm)
ZZZZZ		07/15/2021 12:47	1		AS-18 0.004(mm)
ZZZZZ		07/15/2021 12:59	1		AS-18 0.004(mm)
ZZZZZ		07/15/2021 13:10	1		AS-18 0.004(mm)
ZZZZZ		07/15/2021 13:22	20		AS-18 0.004(mm)
CCV 860-15170/25		07/15/2021 13:34	1		AS-18 0.004(mm)
CCB 860-15170/26		07/15/2021 13:46	1		AS-18 0.004(mm)
ZZZZZ		07/15/2021 13:58	1		AS-18 0.004(mm)
ZZZZZ		07/15/2021 14:09	1		AS-18 0.004(mm)
ZZZZZ		07/15/2021 14:21	1		AS-18 0.004(mm)
ZZZZZ		07/15/2021 14:33	1		AS-18 0.004(mm)
ZZZZZ		07/15/2021 14:44	10		AS-18 0.004(mm)
CCV 860-15170/37		07/15/2021 15:55	1		AS-18 0.004(mm)
CCB 860-15170/38		07/15/2021 16:07	1		AS-18 0.004(mm)
ZZZZZ		07/15/2021 16:54	1		AS-18 0.004(mm)
ZZZZZ		07/15/2021 17:05	10		AS-18 0.004(mm)
ZZZZZ		07/15/2021 17:17	1		AS-18 0.004(mm)
ZZZZZ		07/15/2021 17:29	10		AS-18 0.004(mm)
ZZZZZ		07/15/2021 17:41	1		AS-18 0.004(mm)
ZZZZZ		07/15/2021 17:52	10		AS-18 0.004(mm)
ZZZZZ		07/15/2021 18:04	1		AS-18 0.004(mm)
ZZZZZ		07/15/2021 18:16	10		AS-18 0.004(mm)

300.0

HPLC/IC ANALYSIS RUN LOG

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Instrument ID: A166 Start Date: 07/15/2021 08:21

Analysis Batch Number: 15170 End Date: 07/16/2021 02:29

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 860-15170/49		07/15/2021 18:28	1	15_Jul_2021 18_28.d	AS-18 0.004(mm)
CCB 860-15170/50		07/15/2021 18:39	1	15_Jul_2021 18_39.d	AS-18 0.004(mm)
MB 860-15170/54		07/15/2021 18:51	1	15_Jul_2021 18_51.d	AS-18 0.004(mm)
LCS 860-15170/55		07/15/2021 19:03	1	15_Jul_2021 19_03.d	AS-18 0.004(mm)
LCSD 860-15170/56		07/15/2021 19:15	1	15_Jul_2021 19_15.d	AS-18 0.004(mm)
ZZZZZ		07/15/2021 19:50	1		AS-18 0.004(mm)
ZZZZZ		07/15/2021 20:02	1		AS-18 0.004(mm)
ZZZZZ		07/15/2021 20:13	1		AS-18 0.004(mm)
ZZZZZ		07/15/2021 20:25	1		AS-18 0.004(mm)
ZZZZZ		07/15/2021 20:37	1		AS-18 0.004(mm)
CCV 860-15170/64		07/15/2021 20:48	1	15_Jul_2021 20_48.d	AS-18 0.004(mm)
CCB 860-15170/65		07/15/2021 21:00	1	15_Jul_2021 21_00.d	AS-18 0.004(mm)
ZZZZZ		07/15/2021 21:12	1		AS-18 0.004(mm)
ZZZZZ		07/15/2021 21:35	1		AS-18 0.004(mm)
ZZZZZ		07/15/2021 21:47	1		AS-18 0.004(mm)
ZZZZZ		07/15/2021 21:59	1		AS-18 0.004(mm)
860-7296-2	Artesia-MW17C-070121	07/15/2021 22:11	1	15_Jul_2021 22_11.d	AS-18 0.004(mm)
860-7296-2	Artesia-MW17C-070121	07/15/2021 22:22	10	15_Jul_2021 22_22.d	AS-18 0.004(mm)
860-7296-3	Artesia-MW12-070121	07/15/2021 22:34	1	15_Jul_2021 22_34.d	AS-18 0.004(mm)
860-7296-3	Artesia-MW12-070121	07/15/2021 22:46	10	15_Jul_2021 22_46.d	AS-18 0.004(mm)
860-7296-4	Artesia-MW38-070121	07/15/2021 22:57	1	15_Jul_2021 22_57.d	AS-18 0.004(mm)
CCV 860-15170/76		07/15/2021 23:09	1	15_Jul_2021 23_09.d	AS-18 0.004(mm)
CCB 860-15170/77		07/15/2021 23:21	1	15_Jul_2021 23_21.d	AS-18 0.004(mm)
860-7296-4	Artesia-MW38-070121	07/15/2021 23:33	10	15_Jul_2021 23_33.d	AS-18 0.004(mm)
860-7296-5	Artesia-MW11-070121	07/15/2021 23:44	1	15_Jul_2021 23_44.d	AS-18 0.004(mm)
860-7296-5	Artesia-MW11-070121	07/15/2021 23:56	10	15_Jul_2021 23_56.d	AS-18 0.004(mm)
860-7296-6	Artesia-MW36-070121	07/16/2021 00:08	1	16_Jul_2021 00_08.d	AS-18 0.004(mm)
860-7296-6	Artesia-MW36-070121	07/16/2021 00:20	10	16_Jul_2021 00_20.d	AS-18 0.004(mm)
860-7296-7	Artesia-MW37-070121	07/16/2021 00:31	1	16_Jul_2021 00_31.d	AS-18 0.004(mm)

300.0

HPLC/IC ANALYSIS RUN LOG

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Instrument ID: A166 Start Date: 07/15/2021 08:21

Analysis Batch Number: 15170 End Date: 07/16/2021 02:29

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
860-7296-7	Artesia-MW37-070121	07/16/2021 00:43	10	16_Jul_2021 00_43.d	AS-18 0.004(mm)
860-7296-8	Artesia-MD37-070121	07/16/2021 00:55	1	16_Jul_2021 00_55.d	AS-18 0.004(mm)
860-7296-8	Artesia-MD37-070121	07/16/2021 01:06	10	16_Jul_2021 01_06.d	AS-18 0.004(mm)
CCV 860-15170/87		07/16/2021 01:30	1	16_Jul_2021 01_30.d	AS-18 0.004(mm)
CCB 860-15170/88		07/16/2021 01:42	1	16_Jul_2021 01_42.d	AS-18 0.004(mm)
ZZZZZ		07/16/2021 02:05	1		AS-18 0.004(mm)
CCV 860-15170/92		07/16/2021 02:17	1		AS-18 0.004(mm)
CCB 860-15170/93		07/16/2021 02:29	1		AS-18 0.004(mm)

300.0

HPLC/IC ANALYSIS RUN LOG

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Instrument ID: A166 Start Date: 07/16/2021 08:27

Analysis Batch Number: 15332 End Date: 07/16/2021 22:29

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVRT 860-15332/1		07/16/2021 08:27	1	16_Jul_2021 08_27.d	AS-18 0.004(mm)
CCB 860-15332/2		07/16/2021 08:39	1	16_Jul_2021 08_39.d	AS-18 0.004(mm)
MB 860-15332/3		07/16/2021 08:51	1	16_Jul_2021 08_51.d	AS-18 0.004(mm)
LCS 860-15332/4		07/16/2021 09:03	1	16_Jul_2021 09_03.d	AS-18 0.004(mm)
LCSD 860-15332/5		07/16/2021 09:14	1	16_Jul_2021 09_14.d	AS-18 0.004(mm)
860-7296-3	Artesia-MW12-070121	07/16/2021 09:26	20	16_Jul_2021 09_26.d	AS-18 0.004(mm)
860-7296-4	Artesia-MW38-070121	07/16/2021 09:38	20	16_Jul_2021 09_38.d	AS-18 0.004(mm)
860-7296-5	Artesia-MW11-070121	07/16/2021 09:50	20	16_Jul_2021 09_50.d	AS-18 0.004(mm)
860-7296-7	Artesia-MW37-070121	07/16/2021 10:01	20	16_Jul_2021 10_01.d	AS-18 0.004(mm)
860-7296-8	Artesia-MD37-070121	07/16/2021 10:13	20	16_Jul_2021 10_13.d	AS-18 0.004(mm)
ZZZZZ		07/16/2021 10:33	1		AS-18 0.004(mm)
ZZZZZ		07/16/2021 10:45	1		AS-18 0.004(mm)
CCV 860-15332/13		07/16/2021 10:56	1	16_Jul_2021 10_56.d	AS-18 0.004(mm)
CCB 860-15332/14		07/16/2021 11:08	1	16_Jul_2021 11_08.d	AS-18 0.004(mm)
ZZZZZ		07/16/2021 11:20	1		AS-18 0.004(mm)
ZZZZZ		07/16/2021 11:32	1		AS-18 0.004(mm)
ZZZZZ		07/16/2021 11:44	1		AS-18 0.004(mm)
ZZZZZ		07/16/2021 11:55	1		AS-18 0.004(mm)
ZZZZZ		07/16/2021 12:07	1		AS-18 0.004(mm)
ZZZZZ		07/16/2021 12:19	1		AS-18 0.004(mm)
ZZZZZ		07/16/2021 12:30	1		AS-18 0.004(mm)
ZZZZZ		07/16/2021 12:42	1		AS-18 0.004(mm)
ZZZZZ		07/16/2021 12:54	1		AS-18 0.004(mm)
ZZZZZ		07/16/2021 13:06	1		AS-18 0.004(mm)
CCV 860-15332/25		07/16/2021 13:17	1	16_Jul_2021 13_17.d	AS-18 0.004(mm)
CCB 860-15332/26		07/16/2021 13:29	1	16_Jul_2021 13_29.d	AS-18 0.004(mm)
ZZZZZ		07/16/2021 13:41	1		AS-18 0.004(mm)
ZZZZZ		07/16/2021 13:53	1		AS-18 0.004(mm)
ZZZZZ		07/16/2021 14:04	1		AS-18 0.004(mm)
ZZZZZ		07/16/2021 14:16	10		AS-18 0.004(mm)
ZZZZZ		07/16/2021 14:28	1		AS-18 0.004(mm)
ZZZZZ		07/16/2021 14:40	10		AS-18 0.004(mm)
ZZZZZ		07/16/2021 14:51	50		AS-18 0.004(mm)
ZZZZZ		07/16/2021 15:03	1		AS-18 0.004(mm)

300.0

HPLC/IC ANALYSIS RUN LOG

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Instrument ID: A166 Start Date: 07/16/2021 08:27

Analysis Batch Number: 15332 End Date: 07/16/2021 22:29

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 860-15332/34		07/16/2021 15:15	1		AS-18 0.004(mm)
CCB 860-15332/35		07/16/2021 15:27	1		AS-18 0.004(mm)
ZZZZZ		07/16/2021 15:38	1		AS-18 0.004(mm)
ZZZZZ		07/16/2021 15:50	1		AS-18 0.004(mm)
ZZZZZ		07/16/2021 16:02	1		AS-18 0.004(mm)
ZZZZZ		07/16/2021 16:14	1		AS-18 0.004(mm)
ZZZZZ		07/16/2021 16:25	1		AS-18 0.004(mm)
ZZZZZ		07/16/2021 16:37	1		AS-18 0.004(mm)
ZZZZZ		07/16/2021 16:49	1		AS-18 0.004(mm)
ZZZZZ		07/16/2021 17:01	1		AS-18 0.004(mm)
ZZZZZ		07/16/2021 17:12	1		AS-18 0.004(mm)
ZZZZZ		07/16/2021 17:24	1		AS-18 0.004(mm)
CCV 860-15332/47		07/16/2021 17:36	1		AS-18 0.004(mm)
CCB 860-15332/48		07/16/2021 17:48	1		AS-18 0.004(mm)
ZZZZZ		07/16/2021 17:59	1		AS-18 0.004(mm)
ZZZZZ		07/16/2021 18:11	1		AS-18 0.004(mm)
ZZZZZ		07/16/2021 18:23	1		AS-18 0.004(mm)
ZZZZZ		07/16/2021 18:35	1		AS-18 0.004(mm)
ZZZZZ		07/16/2021 18:46	1		AS-18 0.004(mm)
ZZZZZ		07/16/2021 18:58	1		AS-18 0.004(mm)
ZZZZZ		07/16/2021 19:10	1		AS-18 0.004(mm)
ZZZZZ		07/16/2021 19:22	10		AS-18 0.004(mm)
ZZZZZ		07/16/2021 19:33	1		AS-18 0.004(mm)
ZZZZZ		07/16/2021 19:45	1		AS-18 0.004(mm)
CCV 860-15332/59		07/16/2021 19:57	1		AS-18 0.004(mm)
CCB 860-15332/60		07/16/2021 20:08	1		AS-18 0.004(mm)
ZZZZZ		07/16/2021 20:20	10		AS-18 0.004(mm)
ZZZZZ		07/16/2021 20:32	50		AS-18 0.004(mm)
ZZZZZ		07/16/2021 20:44	500		AS-18 0.004(mm)
ZZZZZ		07/16/2021 21:19	1		AS-18 0.004(mm)
ZZZZZ		07/16/2021 21:31	1		AS-18 0.004(mm)
ZZZZZ		07/16/2021 21:42	1		AS-18 0.004(mm)
ZZZZZ		07/16/2021 21:54	1		AS-18 0.004(mm)
ZZZZZ		07/16/2021 22:06	1		AS-18 0.004(mm)
CCV 860-15332/64		07/16/2021 22:17	1		AS-18 0.004(mm)
CCB 860-15332/65		07/16/2021 22:29	1		AS-18 0.004(mm)

300.0

HPLC/IC BATCH WORKSHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Batch Number: 15170 Batch Start Date: 07/15/21 08:21 Batch Analyst: Prommek, Warangkhana

Batch Method: 300.0 Batch End Date:

Lab Sample ID	Client Sample I	Method Chain	Basis	InitialAmount	WC-IC-P1 00001	WC-IC-P2 00001	WC-IC-S1 00003	WC-IC-S2 00002	
CCVRT 860-15170/1		300.0		0 mL			0.5 mL	1 mL	
CCV 860-15170/49		300.0		0 mL			0.5 mL	1 mL	
CCB 860-15170/50		300.0		0 mL					
MB 860-15170/54		300.0		0 mL					
LCS 860-15170/55		300.0		0 mL	0.5 mL	1 mL			
LCSD 860-15170/56		300.0		0 mL	0.5 mL	1 mL			
CCV 860-15170/64		300.0		0 mL			0.5 mL	1 mL	
CCB 860-15170/65		300.0		0 mL					
860-7296-A-2	Artesia-MW17C-070121	300.0	T	0 mL					
860-7296-A-2	Artesia-MW17C-070121	300.0	T	0 mL					
860-7296-A-3	Artesia-MW12-070121	300.0	T	0 mL					
860-7296-A-3	Artesia-MW12-070121	300.0	T	0 mL					
860-7296-A-4	Artesia-MW38-070121	300.0	T	0 mL					
CCV 860-15170/76		300.0		0 mL			0.5 mL	1 mL	
CCB 860-15170/77		300.0		0 mL					
860-7296-A-4	Artesia-MW38-070121	300.0	T	0 mL					
860-7296-A-5	Artesia-MW11-070121	300.0	T	0 mL					

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

HPLC/IC BATCH WORKSHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Batch Number: 15170 Batch Start Date: 07/15/21 08:21 Batch Analyst: Prommek, Warangkhana

Batch Method: 300.0 Batch End Date:

Lab Sample ID	Client Sample I	Method Chain	Basis	InitialAmount	WC-IC-P1 00001	WC-IC-P2 00001	WC-IC-S1 00003	WC-IC-S2 00002	
860-7296-A-5	Artesia-MW11-070121	300.0	T	0 mL					
860-7296-A-6	Artesia-MW36-070121	300.0	T	0 mL					
860-7296-A-6	Artesia-MW36-070121	300.0	T	0 mL					
860-7296-A-7	Artesia-MW37-070121	300.0	T	0 mL					
860-7296-A-7	Artesia-MW37-070121	300.0	T	0 mL					
860-7296-A-8	Artesia-MD37-070121	300.0	T	0 mL					
860-7296-A-8	Artesia-MD37-070121	300.0	T	0 mL					
CCV 860-15170/87		300.0		0 mL			0.5 mL	1 mL	
CCB 860-15170/88		300.0		0 mL					

Batch Notes	
Batch Comment	SYRINGES LOT #0286928, PART 07944-06
Eluent 1 ID	124071
Filter ID	#00309716 Part No. F2600-2
Pipette/Syringe/Dispenser ID	WC-40, WC43, WC46

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

HPLC/IC BATCH WORKSHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Batch Number: 15332 Batch Start Date: 07/16/21 08:27 Batch Analyst: Prommek, Warangkhana

Batch Method: 300.0 Batch End Date:

Lab Sample ID	Client Sample I	Method Chain	Basis	InitialAmount	WC-IC-P1 00001	WC-IC-P2 00001	WC-IC-S1 00003	WC-IC-S2 00002	
CCVRT 860-15332/1		300.0		0 mL			0.5 mL	1 mL	
CCB 860-15332/2		300.0		0 mL					
MB 860-15332/3		300.0		0 mL					
LCS 860-15332/4		300.0		0 mL	0.5 mL	1 mL			
LCSD 860-15332/5		300.0		0 mL	0.5 mL	1 mL			
860-7296-A-3	Artesia-MW12-070121	300.0	T	0 mL					
860-7296-A-4	Artesia-MW38-070121	300.0	T	0 mL					
860-7296-A-5	Artesia-MW11-070121	300.0	T	0 mL					
860-7296-A-7	Artesia-MW37-070121	300.0	T	0 mL					
860-7296-A-8	Artesia-MD37-070121	300.0	T	0 mL					
CCV 860-15332/13		300.0		0 mL			0.5 mL	1 mL	
CCB 860-15332/14		300.0		0 mL					
CCV 860-15332/25		300.0		0 mL			0.5 mL	1 mL	
CCB 860-15332/26		300.0		0 mL					

Batch Notes	
Batch Comment	SYRINGES LOT #0286928, PART 07944-06
Eluent 1 ID	124071
Filter ID	#00309716 Part No. F2600-2
Pipette/Syringe/Dispenser ID	WC-40, WC43, WC46

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

HPLC/IC BATCH WORKSHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-7296-1

SDG No.:

Batch Number: 15332 Batch Start Date: 07/16/21 08:27 Batch Analyst: Prommek, Warangkhana

Batch Method: 300.0 Batch End Date:

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

Released to Imaging: 6/14/2022 10:51:35 AM

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Eurofins Xenco, Stafford
4147 Greenbriar Dr
Stafford, TX 77477
Phone: 281-240-4200

Chain of

860-7296 Chain of Custody

eurofins

Client Information	Sampler: M Booth	Carrier Tracking No(s): Red Ex 815553008625	COC No: 860-2616-869.2
Client Contact: Aleeca Forsberg	Phone: 262-227-2781	E-Mail: Bethany.McDaniel@Eurofinset.com	State of Origin: NM	Page: Page 2 of 2
Company: Jacobs Engineering Group, Inc.	PWSID:			Job #:
Address: 3721 Rutledge Rd NE Suite B-1	Due Date Requested:			
City: Albuquerque	TAT Requested (days):			
State, Zip: NM, 87109	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 148021462			
Email: aleeca.forsberg@jacobs.com	WO #: D3367411 C.CS.TPE.AR.21-04-02			
Project Name: Dowell Artesia	Project #: 86000977			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A	HCL	M	Hexane
B	NaOH	N	None
C	Zn Acetate	O	AsNaO2
D	Nitric Acid	P	Na2O4S
E	NaHSO4	Q	Na2SO3
F	MeOH	R	Na2S2O3
G	Amchlor	S	H2SO4
H	Ascorbic Acid	T	TSP Dodecahydrate
I	Ice	U	Acetone
J	DI Water	V	MCAA
K	EDTA	W	pH 4-5
L	EDA	Z	other (specify)

Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D Sulfate	8260C (MOD) Volatile Organic Compound Custom L	Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X	N	A	X	VX Lmtl St Naphalene, benzene, PCE 11 DE, 11 DCA
Artesia-TB01-070121	7/1/21	1100	G	Water	N	N		X	2	
Artesia-MW17C-070121	7/1/21	1210	G	Water	N	N	X	X	4	
Artesia-MW12-070121	7/1/21	1300	G	Water	N	N	X	X	4	
Artesia-MW38-070121	7/1/21	1330	G	Water	N	N	X	X	4	
Artesia-MW11-070121	7/1/21	1420	G	Water	N	Y	X	X	10	MS/MSD on 8260C
Artesia-MW36-070121	7/1/21	1440	G	Water	N	N	X	X	4	
Artesia-MW37-070121	7/1/21	1435	G	Water	N	N	X	X		
Artesia-MD37-070121	7/1/21	1445	G	Water	N	N	X	X		

Temp 21 IR ID:HOU-272
C/F +0.1
Corrected Temp: 22

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify) See TASK order

Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	A Forsberg	7/2/21 0830	Jacobs	Red Ex 815553008625		
2		Date/Time:	Company	Received by:	Date/Time: 7/3/21 10:30	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

Ver: 11/01/2020

Received by OCD: 3/25/2022 8:51:12 AM
Released to Imaging: 6/14/2022 10:51:35 AM

Login Sample Receipt Checklist

Client: Jacobs Engineering Group, Inc. Job Number: 860-7296-1

Login Number: 7296 **List Source: Eurofins Xenco, Stafford**
List Number: 1
Creator: Torrez, Lisandra

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

Data Usability Review: Data Package					
Client Name:	**Dowell Artesia**		Project Number:		**D3367411 A.CS.EV.AR.21-04-02**
Project / Affected Property:	**Sept 2021 Drilling GW**		Project Manager:		**Aleeca Forsberg/ABQ**
Laboratory:	**Eurofins-Stafford**		Lab SDG # / Job #:		**860-11715-1**
Reviewer:	**John Ynfante/HOU**				
Level of Review / Validation:	**Level 3**				
ITEM		**YES**	**NO**	**N/A**	**COMMENTS**
Laboratory Data Package Signature Page included?		☑	☐	☐	
Date of sample collection included?		☑	☐	☐	
Sample receipt temperature ≤ 6° C?		☑	☐	☐	4.1 deg C
Signed COCs included?		☑	☐	☐	
Field ID included?		☑	☐	☐	
Laboratory ID included?		☑	☐	☐	
Date of analysis included?		☑	☐	☐	
Date of sample preparation included?		☑	☐	☐	
Detection levels included?		☑	☐	☐	
Method reference included?		☑	☐	☐	
Sample matrix included?		☑	☐	☐	
Sample results included?		☑	☐	☐	
Case narrative included, where required?		☑	☐	☐	
Definitions: AA - Atomic Absorption; %D - Percent Difference, ICP - Inductively Coupled Plasma; IDL - Instrument Detection Limit; MDL - Method Detection Limit; MQL - Method Quantitation Limit; %R - Percent Recovery; RF - Response Factor; RPD - Relative Percent Difference; RRT - Relative Retention Time; RSD - Relative Standard Deviation.					
COMMENTS					
VOCs: No DV flags applied					

Data Usability Review: VOCs (GC/MS), SW-846 8260B

Client Name:	**Dowell Artesia**	Project Number:	**D3367411 A.CS.EV.AR.21-04-02**
Project / Affected Property:	**Sept 2021 Drilling GW**	Project Manager:	**Aleeca Forsberg/ABQ**
Laboratory:	**Eurofins-Stafford**	Lab SDG # / Job #:	**860-11715-1**
Reviewer:	**John Ynfante/HOU**		
Level of Review / Validation:	**Level 3**		

ITEM	YES	NO	N/A	COMMENTS
Preparatory/analytical holding time met?	☑	☐	☐	
Surrogate data included in lab package?	☑	☐	☐	
%R criteria met? (use limits listed below or specify lab limits). Reject %R <10%.	☑	☐	☐	
R5 Method blank data included in Lab Package?	☑	☐	☐	
Criteria met?	☑	☐	☐	
QC check samples/LCS data included in lab package?	☑	☐	☐	
%R criteria met? (specified limits)	☑	☐	☐	
Matrix spike data included in lab package?	☑	☐	☐	
%R criteria met? (laboratory specified limits)	☐	☑	☐	
RPD criteria met? (< 20% water, <50% soil)	☑	☐	☐	
Initial calibration documentation included in lab package?	☑	☐	☐	
RF criteria met for SPCC? RRF <0.05 rejected.	☑	☐	☐	
%RSD criteria met for CCC? (<30% RSD for CCC, >15% RSD must have fit)	☑	☐	☐	
Calibration verification data included in lab package?	☑	☐	☐	
RF criteria met for SPCC? RRF <0.05 rejected.	☑	☐	☐	
%D criteria met for CCC? (20% Max, Qualify >25%D)	☐	☑	☐	
Instrument Tune documentation included in lab package?	☑	☐	☐	
Instrument Tune Criteria met?	☑	☐	☐	
Internal standard data included in lab package?	☑	☐	☐	
Area within limits? (within -50% to +100% of last calibration check?	☑	☐	☐	
RRT within limits? (<30 sec. Difference from last calibration check?	☑	☐	☐	

Surrogates	Control Limits	Lab Limits?
1,2-Dichloroethane-d4	water 80-120%, soil 80-120%	
Dibromofluoromethane	water 86-118%, soil 80-120%	
Toluene-d8	water 88-110%, soil 81-117%	
4-Bromofluorobenzene	water 86-115%, soil 74-121%	

Notes:

* SPCC: chloromethane (0.1); 1,1-dichloroethane (0.1); bromoform (0.1); chlorobenzene (0.3); and 1,1,2,2-tetrachloroethane (0.3).

Definitions: AA - Atomic Absorption; %D - Percent Difference, ICP - Inductively Coupled Plasma; IDL - Instrument Detection Limit; MDL - Method Detection Limit; MQL - Method Quantitation Limit; %R - Percent Recovery; RF - Response Factor; RPD - Relative P

COMMENTS

OT: Sample Artesia-MW40-091021 (860-11715-1) was properly preserved but the pH was outside the required range at 6.0. The sample was analyzed within the 7-day holding time specified for unpreserved samples so no data were qualified.

TB: No target analyte VOCs detected in trip blank Artesia-TB01-091121.

FD: Precision values between sample Artesia-MW39-091121 and its field duplicate Artesia-MD39-091121 were within acceptance criteria.

MS: Tetrachloroethene was recovered high in the MS at 129% (71-125) but passed in the MS at 106%.and the RPD passed at 16% and the LCS passed so no data were qualified.

eurofins | Environment Testing America

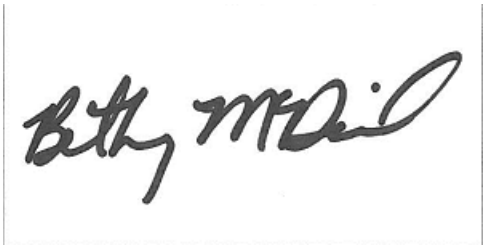
ANALYTICAL REPORT

Job Number: 860-11715-1

Job Description: Dowell - Artesia

For:
Jacobs Engineering Group, Inc.
3721 Rutledge Rd NE
Suite B-1
Albuquerque, NM 87109

Attention: Aleeca Forsberg



Approved for release.
Bethany A McDaniel
Senior Project Manager
9/16/2021 9:31 AM

Bethany A McDaniel, Senior Project Manager
4147 Greenbriar Dr, Stafford, TX, 77477
(713)358-2005
Bethany.McDaniel@Eurofinset.com
09/16/2021

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

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Definitions/Glossary

Client: Jacobs Engineering Group, Inc.
Job ID: 860-11715-1
Project/Site: Dowell - Artesia

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
860-11715-1

Receipt
The samples were received on 9/14/2021 12:26 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.1°C

GC/MS VOA
Method 8260C: The following sample(s) was collected in a properly preserved vial; however, the pH was outside the required criteria when verified by the laboratory. The sample was analyzed within the 7-day holding time specified for unpreserved samples: Artesia-MW40-091021 (860-11715-1). Note: pH 6.

Method 8260C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for analytical batch 860-22554 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS/LCSD) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-11715-1

Client Sample ID: Artesia-MW40-091021 — Lab Sample ID: 860-11715-1

No Detections.

Client Sample ID: Artesia-TB01-091121 — Lab Sample ID: 860-11715-2

No Detections.

Client Sample ID: Artesia-MW39-091121 — Lab Sample ID: 860-11715-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.00630		0.00100	0.000216	mg/L	1		8260C	Total/NA
Tetrachloroethene	0.00477		0.00100	0.000500	mg/L	1		8260C	Total/NA

Client Sample ID: Artesia-MD39-091121 — Lab Sample ID: 860-11715-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.00655		0.00100	0.000216	mg/L	1		8260C	Total/NA
Tetrachloroethene	0.00507		0.00100	0.000500	mg/L	1		8260C	Total/NA

Client Sample ID: Artesia-MW35-091121 — Lab Sample ID: 860-11715-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.0119		0.00100	0.000216	mg/L	1		8260C	Total/NA
Tetrachloroethene	0.0127	F1	0.00100	0.000500	mg/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Jacobs Engineering Group, Inc.
Job ID: 860-11715-1
Project/Site: Dowell - Artesia

Client Sample ID: Artesia-MW40-091021
Lab Sample ID: 860-11715-1
Date Collected: 09/10/21 09:00
Matrix: Water
Date Received: 09/14/21 12:26

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.000216	U	0.00100	0.000216	mg/L			09/14/21 17:25	1
Tetrachloroethene	0.000500	U	0.00100	0.000500	mg/L			09/14/21 17:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*74 - 124*		*09/14/21 17:25*	*1*
Dibromofluoromethane (Surr)	*110*		*75 - 131*		*09/14/21 17:25*	*1*
1,2-Dichloroethane-d4 (Surr)	*115*		*63 - 144*		*09/14/21 17:25*	*1*
Toluene-d8 (Surr)	*101*		*80 - 117*		*09/14/21 17:25*	*1*

Client Sample ID: Artesia-TB01-091121
Lab Sample ID: 860-11715-2
Date Collected: 09/11/21 08:05
Matrix: Water
Date Received: 09/14/21 12:26

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.000216	U	0.00100	0.000216	mg/L			09/14/21 17:05	1
Tetrachloroethene	0.000500	U	0.00100	0.000500	mg/L			09/14/21 17:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*74 - 124*		*09/14/21 17:05*	*1*
Dibromofluoromethane (Surr)	*113*		*75 - 131*		*09/14/21 17:05*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*63 - 144*		*09/14/21 17:05*	*1*
Toluene-d8 (Surr)	*100*		*80 - 117*		*09/14/21 17:05*	*1*

Client Sample ID: Artesia-MW39-091121
Lab Sample ID: 860-11715-3
Date Collected: 09/11/21 09:45
Matrix: Water
Date Received: 09/14/21 12:26

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	**0.00630**		0.00100	0.000216	mg/L			09/14/21 17:46	1
Tetrachloroethene	**0.00477**		0.00100	0.000500	mg/L			09/14/21 17:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*74 - 124*		*09/14/21 17:46*	*1*
Dibromofluoromethane (Surr)	*113*		*75 - 131*		*09/14/21 17:46*	*1*
1,2-Dichloroethane-d4 (Surr)	*113*		*63 - 144*		*09/14/21 17:46*	*1*
Toluene-d8 (Surr)	*97*		*80 - 117*		*09/14/21 17:46*	*1*

Client Sample ID: Artesia-MD39-091121
Lab Sample ID: 860-11715-4
Date Collected: 09/11/21 09:55
Matrix: Water
Date Received: 09/14/21 12:26

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	**0.00655**		0.00100	0.000216	mg/L			09/14/21 18:06	1
Tetrachloroethene	**0.00507**		0.00100	0.000500	mg/L			09/14/21 18:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*74 - 124*		*09/14/21 18:06*	*1*
Dibromofluoromethane (Surr)	*114*		*75 - 131*		*09/14/21 18:06*	*1*
1,2-Dichloroethane-d4 (Surr)	*117*		*63 - 144*		*09/14/21 18:06*	*1*

Client Sample Results

Client: Jacobs Engineering Group, Inc.
Job ID: 860-11715-1
Project/Site: Dowell - Artesia

Client Sample ID: Artesia-MD39-091121
Lab Sample ID: 860-11715-4
Date Collected: 09/11/21 09:55
Matrix: Water
Date Received: 09/14/21 12:26

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*100*		*80 - 117*		*09/14/21 18:06*	*1*

Client Sample ID: Artesia-MW35-091121
Lab Sample ID: 860-11715-5
Date Collected: 09/11/21 11:00
Matrix: Water
Date Received: 09/14/21 12:26

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	**0.0119**		0.00100	0.000216	mg/L			09/15/21 13:07	1
Tetrachloroethene	**0.0127**	**F1**	0.00100	0.000500	mg/L			09/15/21 13:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*103*		*74 - 124*		*09/15/21 13:07*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 131*		*09/15/21 13:07*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*63 - 144*		*09/15/21 13:07*	*1*
Toluene-d8 (Surr)	*103*		*80 - 117*		*09/15/21 13:07*	*1*

Default Detection Limits

Client: Jacobs Engineering Group, Inc.
Job ID: 860-11715-1
Project/Site: Dowell - Artesia

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	RL	MDL	Units
1,1-Dichloroethene	0.00100	0.000216	mg/L
Tetrachloroethene	0.00100	0.000500	mg/L

Surrogate Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-11715-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	DCA	TOL
Lab Sample ID	Client Sample ID	(74-124)	(75-131)	(63-144)	(80-117)
860-11715-1	Artesia-MW40-091021	95	110	115	101
860-11715-2	Artesia-TB01-091121	91	113	112	100
860-11715-3	Artesia-MW39-091121	91	113	113	97
860-11715-4	Artesia-MD39-091121	90	114	117	100
860-11715-5	Artesia-MW35-091121	103	97	94	103
860-11715-5 MS	Artesia-MW35-091121	102	99	99	100
860-11715-5 MSD	Artesia-MW35-091121	98	98	96	100
LCS 860-22424/3	Lab Control Sample	94	105	103	96
LCS 860-22554/3	Lab Control Sample	96	97	100	98
LCSD 860-22424/4	Lab Control Sample Dup	92	107	104	97
LCSD 860-22554/5	Lab Control Sample Dup	98	96	96	98
MB 860-22424/9	Method Blank	91	109	112	99
MB 860-22554/11	Method Blank	105	99	93	104

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

QC Sample Results

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-11715-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 860-22424/9
Matrix: Water
Analysis Batch: 22424

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.000216	U	0.00100	0.000216	mg/L			09/14/21 13:19	1
Tetrachloroethene	0.000500	U	0.00100	0.000500	mg/L			09/14/21 13:19	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*74 - 124*		*09/14/21 13:19*	*1*
Dibromofluoromethane (Surr)	*109*		*75 - 131*		*09/14/21 13:19*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*63 - 144*		*09/14/21 13:19*	*1*
Toluene-d8 (Surr)	*99*		*80 - 117*		*09/14/21 13:19*	*1*

Lab Sample ID: LCS 860-22424/3
Matrix: Water
Analysis Batch: 22424

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,1-Dichloroethene			0.0500	0.05219		mg/L		104	59 - 172		
Tetrachloroethene			0.0500	0.04600		mg/L		92	71 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*94*		*74 - 124*
Dibromofluoromethane (Surr)	*105*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*103*		*63 - 144*
Toluene-d8 (Surr)	*96*		*80 - 117*

Lab Sample ID: LCSD 860-22424/4
Matrix: Water
Analysis Batch: 22424

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethene			0.0500	0.05090		mg/L		102	59 - 172	2	25
Tetrachloroethene			0.0500	0.04569		mg/L		91	71 - 125	1	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*92*		*74 - 124*
Dibromofluoromethane (Surr)	*107*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*104*		*63 - 144*
Toluene-d8 (Surr)	*97*		*80 - 117*

Lab Sample ID: MB 860-22554/11
Matrix: Water
Analysis Batch: 22554

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.000216	U	0.00100	0.000216	mg/L			09/15/21 11:13	1
Tetrachloroethene	0.000500	U	0.00100	0.000500	mg/L			09/15/21 11:13	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*74 - 124*		*09/15/21 11:13*	*1*

QC Sample Results

Client: Jacobs Engineering Group, Inc.
Job ID: 860-11715-1
Project/Site: Dowell - Artesia

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-22554/11
Matrix: Water
Analysis Batch: 22554

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	99		75 - 131		09/15/21 11:13	1
1,2-Dichloroethane-d4 (Surr)	93		63 - 144		09/15/21 11:13	1
Toluene-d8 (Surr)	104		80 - 117		09/15/21 11:13	1

Lab Sample ID: LCS 860-22554/3
Matrix: Water
Analysis Batch: 22554

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,1-Dichloroethene			0.0500	0.05849		mg/L		117	59 - 172		
Tetrachloroethene			0.0500	0.05835		mg/L		117	71 - 125		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		74 - 124
Dibromofluoromethane (Surr)	97		75 - 131
1,2-Dichloroethane-d4 (Surr)	100		63 - 144
Toluene-d8 (Surr)	98		80 - 117

Lab Sample ID: LCSD 860-22554/5
Matrix: Water
Analysis Batch: 22554

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethene			0.0500	0.05911		mg/L		118	59 - 172	1	25
Tetrachloroethene			0.0500	0.05757		mg/L		115	71 - 125	1	25

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		74 - 124
Dibromofluoromethane (Surr)	96		75 - 131
1,2-Dichloroethane-d4 (Surr)	96		63 - 144
Toluene-d8 (Surr)	98		80 - 117

Lab Sample ID: 860-11715-5 MS
Matrix: Water
Analysis Batch: 22554

Client Sample ID: Artesia-MW35-091121
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,1-Dichloroethene	0.0119		0.0500	0.07734		mg/L		131	59 - 172		
Tetrachloroethene	0.0127	F1	0.0500	0.07740	F1	mg/L		129	71 - 125		

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		74 - 124
Dibromofluoromethane (Surr)	99		75 - 131
1,2-Dichloroethane-d4 (Surr)	99		63 - 144
Toluene-d8 (Surr)	100		80 - 117

QC Sample Results

Client: Jacobs Engineering Group, Inc.
Job ID: 860-11715-1
Project/Site: Dowell - Artesia

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-11715-5 MSD
Client Sample ID: Artesia-MW35-091121
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 22554

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethene	0.0119		0.0500	0.06607		mg/L		108	59 - 172	16	25
Tetrachloroethene	0.0127	F1	0.0500	0.06597		mg/L		106	71 - 125	16	25

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*74 - 124*
Dibromofluoromethane (Surr)	*98*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*96*		*63 - 144*
Toluene-d8 (Surr)	*100*		*80 - 117*

QC Association Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-11715-1

GC/MS VOA

Analysis Batch: 22424

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-11715-1	Artesia-MW40-091021	Total/NA	Water	8260C	
860-11715-2	Artesia-TB01-091121	Total/NA	Water	8260C	
860-11715-3	Artesia-MW39-091121	Total/NA	Water	8260C	
860-11715-4	Artesia-MD39-091121	Total/NA	Water	8260C	
MB 860-22424/9	Method Blank	Total/NA	Water	8260C	
LCS 860-22424/3	Lab Control Sample	Total/NA	Water	8260C	
LCSD 860-22424/4	Lab Control Sample Dup	Total/NA	Water	8260C	

Analysis Batch: 22554

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-11715-5	Artesia-MW35-091121	Total/NA	Water	8260C	
MB 860-22554/11	Method Blank	Total/NA	Water	8260C	
LCS 860-22554/3	Lab Control Sample	Total/NA	Water	8260C	
LCSD 860-22554/5	Lab Control Sample Dup	Total/NA	Water	8260C	
860-11715-5 MS	Artesia-MW35-091121	Total/NA	Water	8260C	
860-11715-5 MSD	Artesia-MW35-091121	Total/NA	Water	8260C	

Lab Chronicle

Client: Jacobs Engineering Group, Inc.
Job ID: 860-11715-1
Project/Site: Dowell - Artesia

Client Sample ID: Artesia-MW40-091021
Lab Sample ID: 860-11715-1
Date Collected: 09/10/21 09:00
Matrix: Water
Date Received: 09/14/21 12:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	22424	09/14/21 17:25	EM	XEN STF

Client Sample ID: Artesia-TB01-091121
Lab Sample ID: 860-11715-2
Date Collected: 09/11/21 08:05
Matrix: Water
Date Received: 09/14/21 12:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	22424	09/14/21 17:05	EM	XEN STF

Client Sample ID: Artesia-MW39-091121
Lab Sample ID: 860-11715-3
Date Collected: 09/11/21 09:45
Matrix: Water
Date Received: 09/14/21 12:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	22424	09/14/21 17:46	EM	XEN STF

Client Sample ID: Artesia-MD39-091121
Lab Sample ID: 860-11715-4
Date Collected: 09/11/21 09:55
Matrix: Water
Date Received: 09/14/21 12:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	22424	09/14/21 18:06	EM	XEN STF

Client Sample ID: Artesia-MW35-091121
Lab Sample ID: 860-11715-5
Date Collected: 09/11/21 11:00
Matrix: Water
Date Received: 09/14/21 12:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	22554	09/15/21 13:07	TTD	XEN STF

Laboratory References:

XEN STF = Eurofins Xenco, Stafford, 4147 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Accreditation/Certification Summary

Client: Jacobs Engineering Group, Inc.
Job ID: 860-11715-1
Project/Site: Dowell - Artesia

Laboratory: Eurofins Xenco, Stafford

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	21-038-0	08-04-22
Florida	NELAP	E871002	06-30-22
Louisiana	NELAP	03054	06-30-22
Oklahoma	State	1306	08-31-22
Texas	NELAP	T104704215-21-44	06-30-22
USDA	US Federal Programs	P330-19-00137	04-24-22

Method Summary

Client: Jacobs Engineering Group, Inc.
Job ID: 860-11715-1
Project/Site: Dowell - Artesia

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	XEN STF
5030C	Purge and Trap	SW846	XEN STF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

XEN STF = Eurofins Xenco, Stafford, 4147 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Sample Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-11715-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
860-11715-1	Artesia-MW40-091021	Water	09/10/21 09:00	09/14/21 12:26
860-11715-2	Artesia-TB01-091121	Water	09/11/21 08:05	09/14/21 12:26
860-11715-3	Artesia-MW39-091121	Water	09/11/21 09:45	09/14/21 12:26
860-11715-4	Artesia-MD39-091121	Water	09/11/21 09:55	09/14/21 12:26
860-11715-5	Artesia-MW35-091121	Water	09/11/21 11:00	09/14/21 12:26

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Instrument ID: A294 Analysis Batch Number: 19825

Lab Sample ID: IC 860-19825/2 Client Sample ID:

Date Analyzed: 08/20/21 21:40 Lab File ID: T15965.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichlorofluoromethane	1.96	Baseline	mikhaile	08/23/21 08:52
Diethyl ether	2.20	Baseline	mikhaile	08/23/21 08:52
Iodomethane (Methyl Iodide)	2.51	Baseline	mikhaile	08/23/21 08:53
Isopropyl alcohol	2.55	Baseline	mikhaile	08/23/21 08:54
tert-Butyl alcohol	2.88	Baseline	mikhaile	08/23/21 08:54
MTBE	3.00	Baseline	mikhaile	08/23/21 08:55
1,1,1-Trichloroethane	4.12	Baseline	mikhaile	08/23/21 08:55
Cyclohexane	4.16	Baseline	mikhaile	08/23/21 08:56
Dibromomethane	5.06	Baseline	mikhaile	08/23/21 08:57
1,2-Dibromoethane	6.37	Baseline	mikhaile	08/23/21 08:58
2-Chlorotoluene	7.81	Baseline	mikhaile	08/23/21 08:58
1,2-Dibromo-3-Chloropropane	9.29	Baseline	mikhaile	08/23/21 08:59
2-Methylnaphthalene	10.96	Baseline	mikhaile	08/23/21 08:59
1-Methylnaphthalene	11.10	Baseline	mikhaile	08/23/21 08:59

Lab Sample ID: IC 860-19825/3 Client Sample ID:

Date Analyzed: 08/20/21 22:00 Lab File ID: T15966.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Isopropyl alcohol	2.55	Peak assignment corrected	mikhaile	08/23/21 09:00

Lab Sample ID: ICIS 860-19825/6 Client Sample ID:

Date Analyzed: 08/20/21 23:02 Lab File ID: T15969.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetonitrile	2.65	Baseline	mikhaile	08/23/21 08:45

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Instrument ID: A294 Analysis Batch Number: 19825

Lab Sample ID: IC 860-19825/8 Client Sample ID:

Date Analyzed: 08/21/21 00:03 Lab File ID: T15972.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetonitrile	2.65	Baseline	mikhaile	08/23/21 09:06

Lab Sample ID: ICV 860-19825/9 Client Sample ID:

Date Analyzed: 08/21/21 01:05 Lab File ID: T15975.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetonitrile	2.65	Baseline	mikhaile	08/23/21 09:29

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Instrument ID: A325 Analysis Batch Number: 22460

Lab Sample ID: IC 860-22460/4 Client Sample ID:

Date Analyzed: 09/14/21 12:22 Lab File ID: A32507060.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Isopropyl alcohol	2.90	Peak assignment corrected	dangt	09/14/21 13:46
Acetonitrile	3.02	Peak assignment corrected	dangt	09/14/21 12:45
1,1,1-Trichloroethane	4.69	Peak assignment corrected	dangt	09/14/21 12:46
2-Chloroethyl vinyl ether	6.25	Peak assignment corrected	dangt	09/14/21 12:46
1,4-Dichlorobenzene	10.12	Peak assignment corrected	dangt	09/14/21 12:45

Lab Sample ID: IC 860-22460/5 Client Sample ID:

Date Analyzed: 09/14/21 12:41 Lab File ID: A32507061.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetonitrile	3.02	Peak assignment corrected	dangt	09/14/21 13:26

Lab Sample ID: ICIS 860-22460/6 Client Sample ID:

Date Analyzed: 09/14/21 13:00 Lab File ID: A32507062.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetonitrile	3.02	Peak assignment corrected	dangt	09/14/21 13:28

Lab Sample ID: IC 860-22460/8 Client Sample ID:

Date Analyzed: 09/14/21 13:38 Lab File ID: A32507064.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Isopropyl alcohol	2.94	Peak assignment corrected	dangt	09/14/21 13:57
Pentafluorobenzene	4.72	Peak assignment corrected	dangt	09/14/21 13:54
o-Xylene	8.50	Peak assignment corrected	dangt	09/14/21 13:55
1,4-Dichlorobenzene-d4	10.11	Peak assignment corrected	dangt	09/14/21 13:54

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Instrument ID: A325 Analysis Batch Number: 22460

Lab Sample ID: IC 860-22460/10 Client Sample ID:

Date Analyzed: 09/14/21 14:16 Lab File ID: A32507066.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Pentafluorobenzene	4.72	Peak assignment corrected	dangt	09/14/21 14:46
o-Xylene	8.50	Peak assignment corrected	dangt	09/14/21 14:46
1,4-Dichlorobenzene-d4	10.11	Peak assignment corrected	dangt	09/14/21 14:46

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Instrument ID: A325 Analysis Batch Number: 22460

Lab Sample ID: IC 860-22460/12 Client Sample ID:

Date Analyzed: 09/14/21 14:54 Lab File ID: A32507068.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Dichlorodifluoromethane	1.29	Peak assignment corrected	alvesn	09/14/21 16:12
1,3-Butadiene	1.58	Peak assignment corrected	alvesn	09/14/21 16:13
Chloroethane	1.94	Peak assignment corrected	alvesn	09/14/21 16:13
1,1-Dichloroethene	2.68	Peak assignment corrected	alvesn	09/14/21 16:13
1,1,2-Trichloro-1,2,2-trifluoroethane	2.70	Peak assignment corrected	alvesn	09/14/21 16:13
Iodomethane (Methyl Iodide)	2.81	Assign Peak	alvesn	09/14/21 16:13
Carbon disulfide	2.86	Assign Peak	alvesn	09/14/21 16:13
Isopropyl alcohol	2.91	Assign Peak	alvesn	09/14/21 16:14
Acetonitrile	3.02	Assign Peak	alvesn	09/14/21 16:14
Methyl acetate	3.06	Assign Peak	alvesn	09/14/21 16:14
tert-Butyl alcohol	3.28	Assign Peak	alvesn	09/14/21 16:14
1,1-Dichloroethane	3.76	Assign Peak	alvesn	09/14/21 16:14
Isopropyl ether	3.83	Assign Peak	alvesn	09/14/21 16:14
2,2-Dichloropropane	4.25	Assign Peak	alvesn	09/14/21 16:14
2-Butanone	4.29	Assign Peak	alvesn	09/14/21 16:15
Ethyl acetate	4.34	Assign Peak	alvesn	09/14/21 16:15
1,1,1-Trichloroethane	4.68	Assign Peak	alvesn	09/14/21 16:15
Carbon tetrachloride	4.82	Assign Peak	alvesn	09/14/21 16:15
1,1-Dichloropropene	4.83	Assign Peak	alvesn	09/14/21 16:15
Isobutanol	4.95	Assign Peak	alvesn	09/14/21 16:15
n-Butanol	5.52	Assign Peak	alvesn	09/14/21 16:16
Dibromomethane	5.85	Assign Peak	alvesn	09/14/21 16:16
1,4-Dioxane (P-Dioxane)	5.87	Assign Peak	alvesn	09/14/21 16:16
Bromodichloromethane	5.98	Assign Peak	alvesn	09/14/21 16:16
cis-1,3-Dichloropropene	6.37	Assign Peak	alvesn	09/14/21 16:16
Ethyl methacrylate	6.94	Assign Peak	alvesn	09/14/21 16:16
1,2-Dibromoethane	7.47	Assign Peak	alvesn	09/14/21 16:17
Chlorobenzene	7.92	Assign Peak	alvesn	09/14/21 16:17
1,1,2,2-Tetrachloroethane	9.14	Assign Peak	alvesn	09/14/21 16:17

8260C

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Instrument ID: A325 Analysis Batch Number: 22460

Lab Sample ID: IC 860-22460/12 Client Sample ID:

Date Analyzed: 09/14/21 14:54 Lab File ID: A32507068.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,2,3-Trichloropropane	9.18	Assign Peak	alvesn	09/14/21 16:18
trans-1,4-Dichloro-2-butene	9.20	Assign Peak	alvesn	09/14/21 16:18
2-Chlorotoluene	9.32	Assign Peak	alvesn	09/14/21 16:18
1,4-Dichlorobenzene	10.12	Assign Peak	alvesn	09/14/21 16:18
1,2-Dibromo-3-Chloropropane	11.26	Assign Peak	alvesn	09/14/21 16:18
Naphthalene	12.31	Assign Peak	alvesn	09/14/21 16:19

Lab Sample ID: IC 860-22460/13 Client Sample ID:

Date Analyzed: 09/14/21 15:13 Lab File ID: A32507069.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Isopropyl alcohol	2.92	Peak assignment corrected	alvesn	09/14/21 16:07
Allyl Chloride (3-Chloropropene)	3.02	Peak assignment corrected	alvesn	09/14/21 16:07
1,1,1-Trichloroethane	4.68	Peak assignment corrected	alvesn	09/14/21 16:07
Isobutanol	4.95	Peak assignment corrected	alvesn	09/14/21 16:07
2-Chloroethyl vinyl ether	6.25	Peak assignment corrected	alvesn	09/14/21 16:08
1,4-Dichlorobenzene	10.13	Peak assignment corrected	alvesn	09/14/21 16:09

Lab Sample ID: ICV 860-22460/14 Client Sample ID:

Date Analyzed: 09/14/21 15:32 Lab File ID: A32507070.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetonitrile	3.02	Peak assignment corrected	dangt	09/15/21 07:51
1,4-Difluorobenzene	5.33	Assign Peak	dangt	09/15/21 09:03

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Instrument ID: A325 Analysis Batch Number: 22554

Lab Sample ID: CCVIS 860-22554/2 Client Sample ID:

Date Analyzed: 09/15/21 07:02 Lab File ID: A32507113.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Allyl Chloride (3-Chloropropene)	3.02	Peak assignment corrected	dangt	09/15/21 08:05

8260C

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
VM8260GASSTD_00005	02/18/22	08/18/21	Methanol, Lot 61116	10 mL	VMGasX_00001	200 uL	Bromomethane	50 ug/mL
							Butadiene	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.VMGasX_00001	03/31/24		Restek, Lot A0169640		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Butadiene	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
VM8260GASSTD_00007	02/23/22	08/31/21	Methanol, Lot 61116	10 mL	VMGasX_00001	200 uL	Bromomethane	50 ug/mL
							Butadiene	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.VMGasX_00001	03/31/24		Restek, Lot A0169640		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Butadiene	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
VM8260ISSS50_00004							1,3-Dichloropropene, Total	
							Tentatively Identified Compound	
							Total BTEX	
							Trihalomethanes, Total	
							Xylenes, Total	
					VMISX_00001	250 uL	1,4-Dichlorobenzene-d4	50 ug/mL
							1,4-Difluorobenzene	50 ug/mL
							Chlorobenzene-d5	50 ug/mL
							Pentafluorobenzene	50 ug/mL
					VMSSX_00001	250 uL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene (Surr)	50 ug/mL
							BFB	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
.VMISX_00001	06/30/22		Agilent, Lot 0006537237		(Purchased Reagent)		1,4-Dichlorobenzene-d4	20000 ug/mL
							1,4-Difluorobenzene	20000 ug/mL
							Chlorobenzene-d5	20000 ug/mL
							Pentafluorobenzene	20000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.VMSSX_00001	06/30/22		Agilent, Lot 0006537232		(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	20000 ug/mL
							4-Bromofluorobenzene (Surr)	20000 ug/mL
							BFB	20000 ug/mL
							Dibromofluoromethane (Surr)	20000 ug/mL
							Toluene-d8 (Surr)	20000 ug/mL
VM8260ISSS50_00005							1,3-Dichloropropene, Total	
							Tentatively Identified Compound	
							Total BTEX	
							Trihalomethanes, Total	
							Xylenes, Total	
					VMISX_00001	250 uL	1,4-Dichlorobenzene-d4	50 ug/mL
							1,4-Difluorobenzene	50 ug/mL
							Chlorobenzene-d5	50 ug/mL
							Pentafluorobenzene	50 ug/mL
					VMSSX_00001	250 uL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene (Surr)	50 ug/mL
							BFB	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
.VMISX_00001	06/30/22		Agilent, Lot 0006537237		(Purchased Reagent)		1,4-Dichlorobenzene-d4	20000 ug/mL
							1,4-Difluorobenzene	20000 ug/mL
							Chlorobenzene-d5	20000 ug/mL
							Pentafluorobenzene	20000 ug/mL
.VMSSX_00001	06/30/22		Agilent, Lot 0006537232		(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	20000 ug/mL
							4-Bromofluorobenzene (Surr)	20000 ug/mL
							BFB	20000 ug/mL
							Dibromofluoromethane (Surr)	20000 ug/mL
							Toluene-d8 (Surr)	20000 ug/mL
VM8260ISSS50_00006							1,3-Dichloropropene, Total	
							Tentatively Identified Compound	
							Total BTEX	
							Trihalomethanes, Total	
							Xylenes, Total	
					VMISX_00003	250 uL	1,4-Dichlorobenzene-d4	50 ug/mL
							1,4-Difluorobenzene	50 ug/mL
							Chlorobenzene-d5	50 ug/mL
							Pentafluorobenzene	50 ug/mL
					VMSSX_00002	250 uL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene (Surr)	50 ug/mL
							BFB	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
.VMISX_00003	02/28/23		Agilent, Lot 0006582001		(Purchased Reagent)		1,4-Dichlorobenzene-d4	20000 ug/mL
							1,4-Difluorobenzene	20000 ug/mL
							Chlorobenzene-d5	20000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Pentafluorobenzene	20000 ug/mL
.VMSSX_00002	02/28/23	Agilent, Lot 0006582004			(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	20000 ug/mL
							4-Bromofluorobenzene (Surr)	20000 ug/mL
							BFB	20000 ug/mL
							Dibromofluoromethane (Surr)	20000 ug/mL
							Toluene-d8 (Surr)	20000 ug/mL
VM8260LCS_00012	11/30/21	08/18/21	Methanol, Lot 61116	10 mL	VMMegaMixX2s_00001	200 uL	1,1-Dichloroethene	50 ug/mL
							Tetrachloroethene	50 ug/mL
.VMMegaMixX2s_00001	06/30/23	Restek, Lot A0167172			(Purchased Reagent)		1,1-Dichloroethene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
VM8260LCS_00013	11/30/21	09/09/21	Methanol, Lot 61116	10 mL	VMMegaMixX2s_00001	200 uL	1,1-Dichloroethene	50 ug/mL
							Tetrachloroethene	50 ug/mL
.VMMegaMixX2s_00001	06/30/23	Restek, Lot A0167172			(Purchased Reagent)		1,1-Dichloroethene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
VM8260STD_00030	01/31/22	08/18/21	Methanol, Lot 61116	10 mL	VM12MNapX_00002	500 uL	1-Methylnaphthalene	50 ug/mL
							2-Methylnaphthalene	50 ug/mL
					VM2CEVE_X_00001	200 uL	2-Chloroethyl vinyl ether	50 ug/mL
					VM4EthylTX_00002	500 uL	4-Ethyltoluene	50 ug/mL
					VMAcroleinX_00001	125 uL	Acrolein	250 ug/mL
					VMCychexone_00002	1000 uL	Cyclohexanone	2500 ug/mL
					VMDicycloX_00002	500 uL	Dicyclopentadiene	50 ug/mL
					VMEthyOxideX_00001	50 uL	Ethylene oxide	250 ug/mL
					VMKetonesX_00001	200 uL	2-Butanone (MEK)	250 ug/mL
							2-Hexanone	250 ug/mL
							4-Methyl-2-pentanone (MIBK)	250 ug/mL
							Acetone	250 ug/mL
					VML2/S6X_00001	200 uL	1-Chlorohexane	50 ug/mL
							2-Chloro-1,3-butadiene	50 ug/mL
							2-Nitropropane	100 ug/mL
							Benzyl chloride	50 ug/mL
							Isooctane	50 ug/mL
							Isopropyl alcohol	500 ug/mL
							Methacrylonitrile	500 ug/mL
							n-Butanol	1240 ug/mL
					VML2/S7X_00001	200 uL	Ethyl acetate	100 ug/mL
							Methyl methacrylate	100 ug/mL
					VMMegaMixX_00001	200 uL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							2-Methyl-2-propanol	500 ug/mL
							3-Chloro-1-propene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromomethane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethyl ether	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutyl alcohol	1240 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	100 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Tetrahydrofuran	100 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
					VMPolarAddX_00001	200 uL	Acetonitrile	500 ug/mL
							Isopropyl ether	50 ug/mL
							Propionitrile	500 ug/mL
							Tert-amyl methyl ether	50 ug/mL
							Tert-butyl ethyl ether	50 ug/mL
					VMPropeneX_00001	500 uL	Propene	50 ug/mL
					VMVinylAX_00001	500 uL	Vinyl acetate	250 ug/mL
.VM12MNapX_00002	07/09/30	AccuStandard, Lot 220071053			(Purchased Reagent)		1-Methylnaphthalene	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
.VM2CEVE_X_00001	03/31/23	Restek, Lot A0158872			(Purchased Reagent)		2-Chloroethyl vinyl ether	2500 ug/mL
.VM4EthylTX_00002	10/08/24	Absolute Standards, Lot 100819			(Purchased Reagent)		4-Ethyltoluene	1000 ug/mL
.VMAcroleinX_00001	07/31/22	Restek, Lot A0168111			(Purchased Reagent)		Acrolein	20000 ug/mL
.VMCychexone_00002	12/31/23	Restek, Lot A0167351			(Purchased Reagent)		Cyclohexanone	25000 ug/mL
.VMDicycloX_00002	05/15/25	Absolute Standards, Lot 051520			(Purchased Reagent)		Dicyclopentadiene	1000 ug/mL
.VMEthyOxideX_00001	11/30/23	Sigma-Aldrich, Lot LRAC8595			(Purchased Reagent)		Ethylene oxide	50 mg/mL
.VMKetonesX_00001	01/31/24	Restek, Lot A0168313			(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
.VML2/S6X_00001	09/30/22	Restek, Lot A0170418			(Purchased Reagent)		1-Chlorohexane	2500 ug/mL
							2-Chloro-1,3-butadiene	2500 ug/mL
							2-Nitropropane	5000 ug/mL
							Benzyl chloride	2500 ug/mL
							Isooctane	2500 ug/mL
							Isopropyl alcohol	25000 ug/mL
							Methacrylonitrile	25000 ug/mL
							n-Butanol	62000 ug/mL
.VML2/S7X_00001	01/31/22	Restek, Lot A0163113			(Purchased Reagent)		Ethyl acetate	5000 ug/mL
							Methyl methacrylate	5000 ug/mL
.VMMegaMixX_00001	10/31/22	Restek, Lot A0159680			(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2500 ug/mL
							1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1-Dichloroethene	2500 ug/mL
							1,1-Dichloropropene	2500 ug/mL
							1,2,3-Trichlorobenzene	2500 ug/mL
							1,2,3-Trichloropropane	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							1,3,5-Trimethylbenzene	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,3-Dichloropropane	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							1,4-Dioxane	50000 ug/mL
							2,2-Dichloropropane	2500 ug/mL
							2-Chlorotoluene	2500 ug/mL
							2-Methyl-2-propanol	25000 ug/mL
							3-Chloro-1-propene	2500 ug/mL
							4-Chlorotoluene	2500 ug/mL
							4-Isopropyltoluene	2500 ug/mL
							Acrylonitrile	25000 ug/mL
							Benzene	2500 ug/mL
							Bromobenzene	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chlorobromomethane	2500 ug/mL
							Chlorodibromomethane	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dibromomethane	2500 ug/mL
							Dichlorobromomethane	2500 ug/mL
							Ethyl ether	2500 ug/mL
							Ethyl methacrylate	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Ethylene Dibromide	2500 ug/mL
							Hexachlorobutadiene	2500 ug/mL
							Hexane	2500 ug/mL
							Iodomethane	2500 ug/mL
							Isobutyl alcohol	62000 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl tert-butyl ether	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							n-Butylbenzene	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							Naphthalene	2500 ug/mL
							o-Xylene	2500 ug/mL
							sec-Butylbenzene	2500 ug/mL
							Styrene	2500 ug/mL
							tert-Butylbenzene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Tetrahydrofuran	5000 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							trans-1,4-Dichloro-2-butene	2500 ug/mL
							Trichloroethene	2500 ug/mL
.VMPolarAddX_00001	03/31/22		Restek, Lot A0158947		(Purchased Reagent)		Acetonitrile	25000 ug/mL
							Isopropyl ether	2500 ug/mL
							Propionitrile	25000 ug/mL
							Tert-amyl methyl ether	2500 ug/mL
							Tert-butyl ethyl ether	2500 ug/mL
.VMPropeneX_00001	01/14/23		SPEX, Lot AA200626004		(Purchased Reagent)		Propene	1000 ug/mL
.VMVinylAX_00001	01/31/22		Restek, Lot A0162610		(Purchased Reagent)		Vinyl acetate	5000 ug/mL
VM8260STD_00032	01/31/22	08/31/21	Methanol, Lot 61116	10 mL	VM2CEVE_X_00001	200 uL	2-Chloroethyl vinyl ether	50 ug/mL
					VM4EthylTX_00002	500 uL	4-Ethyltoluene	50 ug/mL
					VMAcroleinX_00001	125 uL	Acrolein	250 ug/mL
					VMCychexone_00002	1000 uL	Cyclohexanone	2500 ug/mL
					VMDicycloX_00002	500 uL	Dicyclopentadiene	50 ug/mL
					VMKetonesX_00001	200 uL	2-Butanone (MEK)	250 ug/mL
							2-Hexanone	250 ug/mL
							4-Methyl-2-pentanone (MIBK)	250 ug/mL
							Acetone	250 ug/mL
					VML2/S6X_00001	200 uL	1-Chlorohexane	50 ug/mL
							2-Chloro-1,3-butadiene	50 ug/mL
							2-Nitropropane	100 ug/mL
							Isooctane	50 ug/mL
							Isopropyl alcohol	500 ug/mL
							Methacrylonitrile	500 ug/mL
							n-Butanol	1240 ug/mL
					VML2/S7X_00001	200 uL	Ethyl acetate	100 ug/mL
							Methyl methacrylate	100 ug/mL
					VMMegaMixX_00001	200 uL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							2-Methyl-2-propanol	500 ug/mL
							3-Chloro-1-propene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromomethane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethyl ether	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutyl alcohol	1240 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	100 ug/mL
							Methyl tert-butyl ether	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Tetrahydrofuran	100 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
					VMPolarAddX_00001	200 uL	Acetonitrile	500 ug/mL
							Isopropyl ether	50 ug/mL
							Propionitrile	500 ug/mL
							Tert-amyl methyl ether	50 ug/mL
							Tert-butyl ethyl ether	50 ug/mL
					VMPropeneX_00001	500 uL	Propene	50 ug/mL
					VMVinylAX_00001	500 uL	Vinyl acetate	250 ug/mL
.VM2CEVE_X_00001	03/31/23		Restek, Lot A0158872		(Purchased Reagent)		2-Chloroethyl vinyl ether	2500 ug/mL
.VM4EthylTX_00002	10/08/24		Absolute Standards, Lot 100819		(Purchased Reagent)		4-Ethyltoluene	1000 ug/mL
.VMAcroleinX_00001	07/31/22		Restek, Lot A0168111		(Purchased Reagent)		Acrolein	20000 ug/mL
.VMCychexone_00002	12/31/23		Restek, Lot A0167351		(Purchased Reagent)		Cyclohexanone	25000 ug/mL
.VMDicycloX_00002	05/15/25		Absolute Standards, Lot 051520		(Purchased Reagent)		Dicyclopentadiene	1000 ug/mL
.VMKetonesX_00001	01/31/24		Restek, Lot A0168313		(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
.VML2/S6X_00001	09/30/22		Restek, Lot A0170418		(Purchased Reagent)		1-Chlorohexane	2500 ug/mL
							2-Chloro-1,3-butadiene	2500 ug/mL
							2-Nitropropane	5000 ug/mL
							Isooctane	2500 ug/mL
							Isopropyl alcohol	25000 ug/mL
							Methacrylonitrile	25000 ug/mL
							n-Butanol	62000 ug/mL
.VML2/S7X_00001	01/31/22		Restek, Lot A0163113		(Purchased Reagent)		Ethyl acetate	5000 ug/mL
							Methyl methacrylate	5000 ug/mL
.VMMegaMixX_00001	10/31/22		Restek, Lot A0159680		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2500 ug/mL
							1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1-Dichloroethene	2500 ug/mL
							1,1-Dichloropropene	2500 ug/mL
							1,2,3-Trichlorobenzene	2500 ug/mL
							1,2,3-Trichloropropane	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							1,3,5-Trimethylbenzene	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,3-Dichloropropane	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							1,4-Dioxane	50000 ug/mL
							2,2-Dichloropropane	2500 ug/mL
							2-Chlorotoluene	2500 ug/mL
							2-Methyl-2-propanol	25000 ug/mL
							3-Chloro-1-propene	2500 ug/mL
							4-Chlorotoluene	2500 ug/mL
							4-Isopropyltoluene	2500 ug/mL
							Acrylonitrile	25000 ug/mL
							Benzene	2500 ug/mL
							Bromobenzene	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chlorobromomethane	2500 ug/mL
							Chlorodibromomethane	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dibromomethane	2500 ug/mL
							Dichlorobromomethane	2500 ug/mL
							Ethyl ether	2500 ug/mL
							Ethyl methacrylate	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Ethylene Dibromide	2500 ug/mL
							Hexachlorobutadiene	2500 ug/mL
							Hexane	2500 ug/mL
							Iodomethane	2500 ug/mL
							Isobutyl alcohol	62000 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl tert-butyl ether	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							n-Butylbenzene	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							Naphthalene	2500 ug/mL
							o-Xylene	2500 ug/mL
							sec-Butylbenzene	2500 ug/mL
							Styrene	2500 ug/mL
							tert-Butylbenzene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Tetrahydrofuran	5000 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							trans-1,4-Dichloro-2-butene	2500 ug/mL
							Trichloroethene	2500 ug/mL
.VMPolarAddX_00001	03/31/22	Restek, Lot A0158947			(Purchased Reagent)		Acetonitrile	25000 ug/mL
							Isopropyl ether	2500 ug/mL
							Propionitrile	25000 ug/mL
							Tert-amyl methyl ether	2500 ug/mL
							Tert-butyl ethyl ether	2500 ug/mL
.VMPropeneX_00001	01/14/23	SPEX, Lot AA200626004			(Purchased Reagent)		Propene	1000 ug/mL
.VMVinylAX_00001	01/31/22	Restek, Lot A0162610			(Purchased Reagent)		Vinyl acetate	5000 ug/mL

Method 8260C

Volatile Organic Compounds (GC/MS) by Method 8260C

Released to Imaging: 6/14/2022 10:51:35 AM

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): DB-624 ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
Artesia-MW40-091021	860-11715-1	110	115	101	95
Artesia-TB01-091121	860-11715-2	113	112	100	91
Artesia-MW39-091121	860-11715-3	113	113	97	91
Artesia-MD39-091121	860-11715-4	114	117	100	90
Artesia-MW35-091121	860-11715-5	97	94	103	103
	MB 860-22424/9	109	112	99	91
	MB 860-22554/11	99	93	104	105
	LCS 860-22424/3	105	103	96	94
	LCS 860-22554/3	97	100	98	96
	LCSD 860-22424/4	107	104	97	92
	LCSD 860-22554/5	96	96	98	98
Artesia-MW35-091121 MS	860-11715-5 MS	99	99	100	102
Artesia-MW35-091121 MSD	860-11715-5 MSD	98	96	100	98

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	75-131
DCA = 1,2-Dichloroethane-d4 (Surr)	63-144
TOL = Toluene-d8 (Surr)	80-117
BFB = 4-Bromofluorobenzene (Surr)	74-124

Column to be used to flag recovery values

FORM II 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T16685.D

Lab ID: LCS 860-22424/3 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethene	0.0500	0.05219	104	59-172	
Tetrachloroethene	0.0500	0.04600	92	71-125	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A32507114.D

Lab ID: LCS 860-22554/3 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethene	0.0500	0.05849	117	59-172	
Tetrachloroethene	0.0500	0.05835	117	71-125	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T16686.D

Lab ID: LCSD 860-22424/4 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1-Dichloroethene	0.0500	0.05090	102	2	25	59-172	
Tetrachloroethene	0.0500	0.04569	91	1	25	71-125	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A32507116.D

Lab ID: LCSD 860-22554/5 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1-Dichloroethene	0.0500	0.05911	118	1	25	59-172	
Tetrachloroethene	0.0500	0.05757	115	1	25	71-125	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A32507117.D

Lab ID: 860-11715-5 MS Client ID: Artesia-MW35-091121 MS

COMPOUND	SPIKE ADDED (mg/L)	SAMPLE CONCENTRATION (mg/L)	MS CONCENTRATION (mg/L)	MS % REC	QC LIMITS REC	#
1,1-Dichloroethene	0.0500	0.0119	0.07734	131	59-172	
Tetrachloroethene	0.0500	0.0127	0.07740	129	71-125	F1

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A32507118.D

Lab ID: 860-11715-5 MSD Client ID: Artesia-MW35-091121 MSD

COMPOUND	SPIKE ADDED (mg/L)	MSD CONCENTRATION (mg/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1-Dichloroethene	0.0500	0.06607	108	16	25	59-172	
Tetrachloroethene	0.0500	0.06597	106	16	25	71-125	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Lab File ID: T16690.D Lab Sample ID: MB 860-22424/9

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: A294 Date Analyzed: 09/14/2021 13:19

GC Column: DB-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 860-22424/3	T16685.D	09/14/2021 11:37
	LCSD 860-22424/4	T16686.D	09/14/2021 11:57
Artesia-TB01-091121	860-11715-2	T16701.D	09/14/2021 17:05
Artesia-MW40-091021	860-11715-1	T16702.D	09/14/2021 17:25
Artesia-MW39-091121	860-11715-3	T16703.D	09/14/2021 17:46
Artesia-MD39-091121	860-11715-4	T16704.D	09/14/2021 18:06

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Lab File ID: A32507122.D Lab Sample ID: MB 860-22554/11

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: A325 Date Analyzed: 09/15/2021 11:13

GC Column: DB-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 860-22554/3	A32507114.D	09/15/2021 07:44
	LCSD 860-22554/5	A32507116.D	09/15/2021 08:52
Artesia-MW35-091121 MS	860-11715-5 MS	A32507117.D	09/15/2021 09:38
Artesia-MW35-091121 MSD	860-11715-5 MSD	A32507118.D	09/15/2021 09:57
Artesia-MW35-091121	860-11715-5	A32507128.D	09/15/2021 13:07

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Lab File ID: T15964.D BFB Injection Date: 08/20/2021

Instrument ID: A294 BFB Injection Time: 21:20

Analysis Batch No.: 19825

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	15.7	
75	30.0 - 60.0 % of mass 95	44.8	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.0	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	74.2	
175	5.0 - 9.0 % of mass 174	4.1	(5.5) 1
176	95.0 - 101.0 % of mass 174	73.6	(99.2) 1
177	5.0 - 9.0 % of mass 176	4.8	(6.6) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 860-19825/2	T15965.D	08/20/2021	21:40
	IC 860-19825/3	T15966.D	08/20/2021	22:00
	IC 860-19825/4	T15967.D	08/20/2021	22:21
	IC 860-19825/5	T15968.D	08/20/2021	22:41
	ICIS 860-19825/6	T15969.D	08/20/2021	23:02
	IC 860-19825/7	T15970.D	08/20/2021	23:22
	IC 860-19825/8	T15972.D	08/21/2021	0:03
	ICV 860-19825/9	T15975.D	08/21/2021	1:05

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FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Lab File ID: T16683.D BFB Injection Date: 09/14/2021

Instrument ID: A294 BFB Injection Time: 10:10

Analysis Batch No.: 22424

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.8	
75	30.0 - 60.0 % of mass 95	46.3	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.1	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	77.9	
175	5.0 - 9.0 % of mass 174	6.2	(7.9) 1
176	95.0 - 101.0 % of mass 174	75.1	(96.4) 1
177	5.0 - 9.0 % of mass 176	4.9	(6.5) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 860-22424/2	T16684.D	09/14/2021	10:56
	LCS 860-22424/3	T16685.D	09/14/2021	11:37
	LCSD 860-22424/4	T16686.D	09/14/2021	11:57
	MB 860-22424/9	T16690.D	09/14/2021	13:19
Artesia-TB01-091121	860-11715-2	T16701.D	09/14/2021	17:05
Artesia-MW40-091021	860-11715-1	T16702.D	09/14/2021	17:25
Artesia-MW39-091121	860-11715-3	T16703.D	09/14/2021	17:46
Artesia-MD39-091121	860-11715-4	T16704.D	09/14/2021	18:06

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FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Lab File ID: A32507057.D BFB Injection Date: 09/14/2021

Instrument ID: A325 BFB Injection Time: 11:25

Analysis Batch No.: 22460

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	28.4	
75	30.0 - 60.0 % of mass 95	58.5	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.4	
173	Less than 2.0 % of mass 174	0.8	(1.1) 1
174	Greater than 50% of mass 95	74.7	
175	5.0 - 9.0 % of mass 174	5.7	(7.6) 1
176	95.0 - 101.0 % of mass 174	71.4	(95.5) 1
177	5.0 - 9.0 % of mass 176	4.6	(6.5) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 860-22460/4	A32507060.D	09/14/2021	12:22
	IC 860-22460/5	A32507061.D	09/14/2021	12:41
	ICIS 860-22460/6	A32507062.D	09/14/2021	13:00
	IC 860-22460/8	A32507064.D	09/14/2021	13:38
	IC 860-22460/10	A32507066.D	09/14/2021	14:16
	IC 860-22460/12	A32507068.D	09/14/2021	14:54
	IC 860-22460/13	A32507069.D	09/14/2021	15:13
	ICV 860-22460/14	A32507070.D	09/14/2021	15:32

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FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Lab File ID: A32507112.D BFB Injection Date: 09/15/2021

Instrument ID: A325 BFB Injection Time: 06:43

Analysis Batch No.: 22554

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	30.6	
75	30.0 - 60.0 % of mass 95	59.9	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.4	
173	Less than 2.0 % of mass 174	0.9	(1.2) 1
174	Greater than 50% of mass 95	76.4	
175	5.0 - 9.0 % of mass 174	5.2	(6.8) 1
176	95.0 - 101.0 % of mass 174	75.9	(99.4) 1
177	5.0 - 9.0 % of mass 176	5.1	(6.7) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 860-22554/2	A32507113.D	09/15/2021	7:02
	LCS 860-22554/3	A32507114.D	09/15/2021	7:44
	LCSD 860-22554/5	A32507116.D	09/15/2021	8:52
Artesia-MW35-091121 MS	860-11715-5 MS	A32507117.D	09/15/2021	9:38
Artesia-MW35-091121 MSD	860-11715-5 MSD	A32507118.D	09/15/2021	9:57
	MB 860-22554/11	A32507122.D	09/15/2021	11:13
Artesia-MW35-091121	860-11715-5	A32507128.D	09/15/2021	13:07

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FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Sample No.: ICIS 860-19825/6 Date Analyzed: 08/20/2021 23:02

Instrument ID: A294 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): T15969.D Heated Purge: (Y/N) N

Calibration ID: 1445

		PFB		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		489290	4.12	779545	4.64	658601	6.70
UPPER LIMIT		978580	4.62	1559090	5.14	1317202	7.20
LOWER LIMIT		244645	3.62	389773	4.14	329301	6.20
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 860-19825/9		500160	4.12	809451	4.64	677719	6.70
CCVIS 860-22424/2		424902	4.12	682934	4.64	597144	6.70

PFB = Pentafluorobenzene
DFBZ = 1,4-Difluorobenzene
CBNZd5 = Chlorobenzene-d5

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Sample No.: ICIS 860-19825/6 Date Analyzed: 08/20/2021 23:02

Instrument ID: A294 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): T15969.D Heated Purge: (Y/N) N

Calibration ID: 1445

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		297966	8.41				
UPPER LIMIT		595932	8.91				
LOWER LIMIT		148983	7.91				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 860-19825/9		306062	8.41				
CCVIS 860-22424/2		270168	8.41				

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Sample No.: CCVIS 860-22424/2 Date Analyzed: 09/14/2021 10:56

Instrument ID: A294 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): T16684.D Heated Purge: (Y/N) N

Calibration ID: 1445

		PFB		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		424902	4.12	682934	4.64	597144	6.70
UPPER LIMIT		849804	4.62	1365868	5.14	1194288	7.20
LOWER LIMIT		212451	3.62	341467	4.14	298572	6.20
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 860-22424/3		422176	4.12	670945	4.64	593679	6.70
LCSD 860-22424/4		388749	4.12	633511	4.64	555623	6.70
MB 860-22424/9		363393	4.12	582240	4.64	488256	6.70
860-11715-2	Artesia-TB01-091121	354628	4.12	566599	4.64	474202	6.70
860-11715-1	Artesia-MW40-091021	352089	4.12	554144	4.64	458227	6.70
860-11715-3	Artesia-MW39-091121	352457	4.12	565318	4.64	491454	6.70
860-11715-4	Artesia-MD39-091121	340585	4.12	544101	4.64	452192	6.70

PFB = Pentafluorobenzene
DFBZ = 1,4-Difluorobenzene
CBNZd5 = Chlorobenzene-d5

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Sample No.: CCVIS 860-22424/2 Date Analyzed: 09/14/2021 10:56

Instrument ID: A294 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): T16684.D Heated Purge: (Y/N) N

Calibration ID: 1445

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		270168	8.41				
UPPER LIMIT		540336	8.91				
LOWER LIMIT		135084	7.91				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 860-22424/3		263333	8.41				
LCSD 860-22424/4		254517	8.41				
MB 860-22424/9		204929	8.41				
860-11715-2	Artesia-TB01-091121	193757	8.41				
860-11715-1	Artesia-MW40-091021	177304	8.41				
860-11715-3	Artesia-MW39-091121	207566	8.41				
860-11715-4	Artesia-MD39-091121	186457	8.41				

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Sample No.: ICIS 860-22460/6 Date Analyzed: 09/14/2021 13:00

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): A32507062.D Heated Purge: (Y/N) N

Calibration ID: 1544

		PFB		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		298276	4.72	525980	5.33	499446	7.89
UPPER LIMIT		596552	5.22	1051960	5.83	998892	8.39
LOWER LIMIT		149138	4.22	262990	4.83	249723	7.39
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 860-22460/14		304877	4.72	549344	5.33	541636	7.89
CCVIS 860-22554/2		271654	4.72	473442	5.33	449816	7.89

PFB = Pentafluorobenzene
DFBZ = 1,4-Difluorobenzene
CBNZd5 = Chlorobenzene-d5

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Sample No.: ICIS 860-22460/6 Date Analyzed: 09/14/2021 13:00

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): A32507062.D Heated Purge: (Y/N) N

Calibration ID: 1544

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		257533	10.11				
UPPER LIMIT		515066	10.61				
LOWER LIMIT		128767	9.61				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 860-22460/14		281418	10.11				
CCVIS 860-22554/2		235789	10.10				

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Sample No.: CCVIS 860-22554/2 Date Analyzed: 09/15/2021 07:02

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): A32507113.D Heated Purge: (Y/N) N

Calibration ID: 1544

		PFB		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		271654	4.72	473442	5.33	449816	7.89
UPPER LIMIT		543308	5.22	946884	5.83	899632	8.39
LOWER LIMIT		135827	4.22	236721	4.83	224908	7.39
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 860-22554/3		297698	4.71	511255	5.33	488595	7.89
LCSD 860-22554/5		306744	4.72	528300	5.33	502324	7.89
860-11715-5 MS	Artesia-MW35-091121 MS	306126	4.71	529914	5.33	508659	7.89
860-11715-5 MSD	Artesia-MW35-091121 MSD	312353	4.72	544789	5.33	504127	7.89
MB 860-22554/11		241381	4.72	434751	5.34	388766	7.89
860-11715-5	Artesia-MW35-091121	217989	4.72	386017	5.33	342069	7.89

PFB = Pentafluorobenzene
DFBZ = 1,4-Difluorobenzene
CBNZd5 = Chlorobenzene-d5

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Sample No.: CCVIS 860-22554/2 Date Analyzed: 09/15/2021 07:02

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): A32507113.D Heated Purge: (Y/N) N

Calibration ID: 1544

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		235789	10.10				
UPPER LIMIT		471578	10.60				
LOWER LIMIT		117895	9.60				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 860-22554/3		248393	10.10				
LCSD 860-22554/5		247209	10.11				
860-11715-5 MS	Artesia-MW35-091121 MS	240685	10.10				
860-11715-5 MSD	Artesia-MW35-091121 MSD	249542	10.11				
MB 860-22554/11		167098	10.11				
860-11715-5	Artesia-MW35-091121	155994	10.10				

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Client Sample ID: Artesia-MW40-091021 Lab Sample ID: 860-11715-1

Matrix: Water Lab File ID: T16702.D

Analysis Method: 8260C Date Collected: 09/10/2021 09:00

Sample wt/vol: 5(mL) Date Analyzed: 09/14/2021 17:25

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 22424 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.000216	U	0.00100	0.000216
127-18-4	Tetrachloroethene	0.000500	U	0.00100	0.000500

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	95		74-124
1868-53-7	Dibromofluoromethane (Surr)	110		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	115		63-144
2037-26-5	Toluene-d8 (Surr)	101		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Client Sample ID: Artesia-TB01-091121 Lab Sample ID: 860-11715-2

Matrix: Water Lab File ID: T16701.D

Analysis Method: 8260C Date Collected: 09/11/2021 08:05

Sample wt/vol: 5(mL) Date Analyzed: 09/14/2021 17:05

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 22424 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.000216	U	0.00100	0.000216
127-18-4	Tetrachloroethene	0.000500	U	0.00100	0.000500

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	91		74-124
1868-53-7	Dibromofluoromethane (Surr)	113		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		63-144
2037-26-5	Toluene-d8 (Surr)	100		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Client Sample ID: Artesia-MW39-091121 Lab Sample ID: 860-11715-3

Matrix: Water Lab File ID: T16703.D

Analysis Method: 8260C Date Collected: 09/11/2021 09:45

Sample wt/vol: 5(mL) Date Analyzed: 09/14/2021 17:46

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 22424 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.00630		0.00100	0.000216
127-18-4	Tetrachloroethene	0.00477		0.00100	0.000500

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	91		74-124
1868-53-7	Dibromofluoromethane (Surr)	113		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		63-144
2037-26-5	Toluene-d8 (Surr)	97		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Client Sample ID: Artesia-MD39-091121 Lab Sample ID: 860-11715-4

Matrix: Water Lab File ID: T16704.D

Analysis Method: 8260C Date Collected: 09/11/2021 09:55

Sample wt/vol: 5(mL) Date Analyzed: 09/14/2021 18:06

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 22424 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.00655		0.00100	0.000216
127-18-4	Tetrachloroethene	0.00507		0.00100	0.000500

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	90		74-124
1868-53-7	Dibromofluoromethane (Surr)	114		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	117		63-144
2037-26-5	Toluene-d8 (Surr)	100		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Client Sample ID: Artesia-MW35-091121 Lab Sample ID: 860-11715-5

Matrix: Water Lab File ID: A32507128.D

Analysis Method: 8260C Date Collected: 09/11/2021 11:00

Sample wt/vol: 5(mL) Date Analyzed: 09/15/2021 13:07

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 22554 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.0119		0.00100	0.000216
127-18-4	Tetrachloroethene	0.0127	F1	0.00100	0.000500

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	103		74-124
1868-53-7	Dibromofluoromethane (Surr)	97		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		63-144
2037-26-5	Toluene-d8 (Surr)	103		80-117

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1 Analy Batch No.: 19825

SDG No.:

Instrument ID: A294 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/20/2021 21:40 Calibration End Date: 08/21/2021 00:03 Calibration ID: 1445

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-19825/2	T15965.D
Level 2	IC 860-19825/3	T15966.D
Level 3	IC 860-19825/4	T15967.D
Level 4	IC 860-19825/5	T15968.D
Level 5	ICIS 860-19825/6	T15969.D
Level 6	IC 860-19825/7	T15970.D
Level 7	IC 860-19825/8	T15972.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Propene	+++++ 0.4740	0.6783 0.4776	0.6136	0.5170	0.5044	Ave		0.5441				15.3		20.0			
Dichlorodifluoromethane	0.6066 0.5817	0.5860 0.5833	0.5878	0.5869	0.6058	Ave		0.5911				1.8		20.0			
Chloromethane	0.8083 0.8237	0.7944 0.7807	0.8033	0.7959	0.8256	Ave		0.8045				2.0		20.0			
Vinyl chloride	0.7265 0.7483	0.7399 0.7169	0.7226	0.7273	0.7522	Ave		0.7334				1.8		20.0			
1,3-Butadiene	0.5922 0.6033	0.6112 0.5876	0.5821	0.6018	0.6065	Ave		0.5978				1.8		20.0			
Ethylene oxide	0.1135 0.1688	0.1720 +++++	0.1762	0.1632	0.1777	Ave		0.1619				15.0		20.0			
Bromomethane	+++++ 0.4527	0.6128 0.3458	0.5694	0.5086	0.4814	Ave		0.4951				18.9		20.0			
Chloroethane	0.4298 0.4333	0.4158 0.4043	0.4427	0.4365	0.4375	Ave		0.4285				3.2		20.0			
Trichlorofluoromethane	0.7608 0.7989	0.7809 0.7798	0.7770	0.7782	0.8103	Ave		0.7837				2.1		20.0			
Diethyl ether	+++++ 0.4008	0.3645 0.3941	0.3869	0.3922	0.4129	Ave		0.3919				4.1		20.0			
Acrolein	0.0693 0.1117	0.0989 0.1089	0.1064	0.1067	0.1168	Ave		0.1027				15.3		20.0			
1,1-Dichloroethene	0.4643 0.5125	0.5088 0.5169	0.5304	0.5058	0.5278	Ave		0.5095				4.3		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.4111 0.3556	0.3662 0.3652	0.3867	0.3600	0.3706	Ave		0.3736				5.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1 Analy Batch No.: 19825

SDG No.:

Instrument ID: A294 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/20/2021 21:40 Calibration End Date: 08/21/2021 00:03 Calibration ID: 1445

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Acetone	+++++ 0.0579	0.0642 0.0552	0.0571	0.0564	0.0629	Ave		0.0590				6.3		20.0			
Iodomethane (Methyl Iodide)	+++++ 0.6572	0.2279 0.6321	0.3828	0.5275	0.6357	Lin1	-2.4004	0.6615				5.9			0.9990		0.9900
Isopropyl alcohol	+++++ 0.0372	0.0353 0.0355	0.0384	0.0392	0.0408	Ave		0.0377				5.7		20.0			
Carbon disulfide	1.8094 1.7846	1.7681 1.7427	1.8121	1.7763	1.8339	Ave		1.7896				1.7		20.0			
Acetonitrile	0.0487 0.0403	0.0370 0.0400	0.0394	0.0389	0.0426	Ave		0.0410				9.3		20.0			
Allyl Chloride (3-Chloropropene)	+++++ 0.3695	0.3304 0.3619	0.3507	0.3439	0.3793	Ave		0.3559				5.0		20.0			
Methyl acetate	0.5023 0.5348	0.4844 0.5238	0.5263	0.5066	0.5595	Ave		0.5197				4.7		20.0			
Methylene Chloride	0.7052 0.6254	0.6377 0.6123	0.6460	0.6209	0.6484	Ave		0.6423				4.8		20.0			
tert-Butyl alcohol	0.0724 0.0656	0.0689 0.0622	0.0681	0.0691	0.0730	Ave		0.0685				5.5		20.0			
Acrylonitrile	0.2490 0.2562	0.2312 0.2453	0.2495	0.2526	0.2686	Ave		0.2503				4.5		20.0			
trans-1,2-Dichloroethene	0.5808 0.5793	0.5427 0.5764	0.5824	0.5741	0.6015	Ave		0.5768				3.0		20.0			
MTBE	1.7919 1.8631	1.8240 1.8018	1.9056	1.8556	1.9536	Ave		1.8565				3.1		20.0			
n-Hexane	0.7508 0.7623	0.7202 0.7963	0.8064	0.7455	0.7904	Ave		0.7674				4.1		20.0			
1,1-Dichloroethane	1.1223 1.1403	1.1320 1.1296	1.1785	1.1333	1.1755	Ave		1.1445				2.0		20.0			
Vinyl acetate	1.4679 1.5240	1.5018 1.4416	1.5903	1.5534	1.6172	Ave		1.5280				4.2		20.0			
Isopropyl ether	1.8945 1.9979	1.9345 1.9429	2.0600	2.0362	2.0607	Ave		1.9895				3.3		20.0			
Chloroprene	0.8567 0.9377	0.9001 0.9225	0.9707	0.9387	0.9599	Ave		0.9266				4.2		20.0			
Ethyl tert-butyl ether	1.9809 2.0437	2.0295 2.0047	2.0735	2.0665	2.1224	Ave		2.0459				2.3		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1 Analy Batch No.: 19825

SDG No.:

Instrument ID: A294 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/20/2021 21:40 Calibration End Date: 08/21/2021 00:03 Calibration ID: 1445

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
cis-1,2-Dichloroethene	0.9546 1.0207	0.9859 1.0073	1.0343	1.0231	1.0465	Ave		1.0104				3.1		20.0			
2,2-Dichloropropane	0.8322 0.8958	0.8980 0.8831	0.9395	0.9174	0.9303	Ave		0.8995				4.0		20.0			
2-Butanone	0.0963 0.0848	0.0799 0.0816	0.0823	0.0849	0.0915	Ave		0.0859				6.8		20.0			
Propane Nitrile (Propionitrile)	0.0828 0.0949	0.0868 0.0912	0.0944	0.0946	0.1008	Ave		0.0922				6.4		20.0			
Ethyl acetate	0.6528 0.6863	0.6791 0.6597	0.6821	0.6876	0.7253	Ave		0.6818				3.4		20.0			
Methacrylonitrile	0.2894 0.3038	0.3013 0.2929	0.3127	0.3048	0.3222	Ave		0.3039				3.7		20.0			
Bromochloromethane	0.4545 0.4285	0.4246 0.4080	0.4398	0.4251	0.4394	Ave		0.4314				3.4		20.0			
Tetrahydrofuran	0.2934 0.2042	0.2005 0.1982	0.2155	0.2093	0.2215	Ave		0.2204				15.1		20.0			
Chloroform	1.0638 1.1055	1.1118 1.0950	1.1517	1.1224	1.1415	Ave		1.1131				2.6		20.0			
1,1,1-Trichloroethane	+++++ 0.8744	6.0439 0.7834	3.3948	1.6872	1.1655	Lin1	27.429	0.6029				5.7			0.9990		0.9900
Cyclohexane	0.9038 0.8666	0.9232 0.8981	0.9529	0.8874	0.9025	Ave		0.9049				3.0		20.0			
1,1-Dichloropropene	0.7746 0.8812	0.8768 0.8813	0.9060	0.8724	0.8977	Ave		0.8700				5.0		20.0			
Carbon tetrachloride	0.6944 0.7791	0.7561 0.7869	0.7999	0.7646	0.7849	Ave		0.7666				4.6		20.0			
Isobutanol	0.0214 0.0171	0.0177 0.0163	0.0178	0.0182	0.0189	Ave		0.0182				9.0		20.0			
Benzene	1.6491 1.6554	1.6610 1.6189	1.7236	1.6874	1.7349	Ave		1.6758				2.5		20.0			
1,2-Dichloroethane	0.5157 0.5296	0.5105 0.5187	0.5291	0.5352	0.5465	Ave		0.5265				2.4		20.0			
2,2,4-Trimethylpentane	1.0835 1.1029	1.1276 1.1326	1.1691	1.1232	1.1574	Ave		1.1280				2.6		20.0			
Tert-amyl methyl ether	1.1668 1.1850	1.1769 1.1444	1.2028	1.1961	1.2392	Ave		1.1873				2.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1 Analy Batch No.: 19825

SDG No.:

Instrument ID: A294 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/20/2021 21:40 Calibration End Date: 08/21/2021 00:03 Calibration ID: 1445

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
n-Butanol	0.0117 0.0108	0.0106 0.0103	0.0103	0.0108	0.0118	Ave		0.0109				5.7		20.0			
Trichloroethene	0.3976 0.3972	0.4037 0.3932	0.4041	0.3991	0.4110	Ave		0.4009				1.5		20.0			
Methylcyclohexane	0.6775 0.6412	0.6774 0.6608	0.6840	0.6549	0.6637	Ave		0.6656				2.3		20.0			
1,2-Dichloropropane	0.4172 0.4409	0.4496 0.4310	0.4415	0.4413	0.4521	Ave		0.4391				2.7		20.0			
Methyl methacrylate	0.3301 0.3289	0.3277 0.3172	0.3231	0.3313	0.3507	Ave		0.3299				3.2		20.0			
Dibromomethane	0.2351 0.2496	0.2370 0.2454	0.2453	0.2491	0.2608	Ave		0.2461				3.5		20.0			
1,4-Dioxane (P-Dioxane)	0.0049 0.0040	0.0041 0.0038	0.0043	0.0041	0.0043	Ave		0.0042				8.4		20.0			
Bromodichloromethane	0.5083 0.5391	0.5228 0.5272	0.5303	0.5340	0.5605	Ave		0.5317				3.0		20.0			
2-Nitropropane	0.2063 0.1625	0.1653 0.1597	0.1681	0.1625	0.1762	Ave		0.1715				9.5		20.0			
2-Chloroethyl vinyl ether	0.2293 0.2941	0.2785 0.2867	0.2950	0.2937	0.3043	Ave		0.2831				8.8		20.0			
cis-1,3-Dichloropropene	0.6925 0.6844	0.6550 0.6747	0.6866	0.6773	0.7165	Ave		0.6839				2.7		20.0			
4-Methyl-2-pentanone	0.3922 0.3776	0.3721 0.3567	0.3880	0.3934	0.4174	Ave		0.3853				5.0		20.0			
Toluene	1.2984 1.2000	1.2433 1.1977	1.2512	1.2252	1.2738	Ave		1.2414				3.0		20.0			
trans-1,3-Dichloropropene	0.7320 0.7386	0.7091 0.7372	0.7404	0.7391	0.7807	Ave		0.7396				2.9		20.0			
Ethyl methacrylate	0.7024 0.6990	0.7109 0.6887	0.7231	0.7209	0.7533	Ave		0.7140				3.0		20.0			
1,1,2-Trichloroethane	0.3768 0.3780	0.3656 0.3718	0.3839	0.3785	0.4007	Ave		0.3793				2.9		20.0			
Tetrachloroethene	0.3919 0.3591	0.3787 0.3680	0.3711	0.3657	0.3801	Ave		0.3735				2.9		20.0			
1,3-Dichloropropane	0.7429 0.7508	0.7782 0.7440	0.7689	0.7616	0.7942	Ave		0.7629				2.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1 Analy Batch No.: 19825

SDG No.:

Instrument ID: A294 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/20/2021 21:40 Calibration End Date: 08/21/2021 00:03 Calibration ID: 1445

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Hexanone	0.3310 0.3059	0.3177 0.2932	0.3195	0.3211	0.3395	Ave		0.3183				4.8		20.0			
Dibromochloromethane	0.4645 0.4608	0.4545 0.4576	0.4544	0.4689	0.4823	Ave		0.4633				2.1		20.0			
1,2-Dibromoethane	0.3956 0.4270	0.4254 0.4269	0.4250	0.4301	0.4542	Ave		0.4263				4.0		20.0			
1-Chlorohexane	0.9620 0.4442	0.5363 0.4505	0.5067	0.4566	0.4685	Lin1	0.5125	0.4456				2.3			1.0000		0.9900
Chlorobenzene	1.2452 1.2487	1.2751 1.2331	1.2802	1.2639	1.3281	Ave		1.2678				2.5		20.0			
1,1,1,2-Tetrachloroethane	0.4999 0.4412	0.4504 0.4416	0.4564	0.4563	0.4676	Ave		0.4590				4.4		20.0			
Ethylbenzene	2.2603 2.1852	2.2866 2.1662	2.2881	2.2693	2.3374	Ave		2.2562				2.7		20.0			
m,p-Xylenes	1.7598 1.7080	1.7727 1.6822	1.7763	1.7635	1.8046	Ave		1.7525				2.4		20.0			
o-Xylene	1.7310 1.7462	1.7906 1.7263	1.8316	1.8022	1.8712	Ave		1.7856				3.1		20.0			
Styrene	1.3682 1.3537	1.4017 1.3348	1.4005	1.4071	1.4591	Ave		1.3893				3.0		20.0			
Bromoform	0.2586 0.2939	0.2842 0.2939	0.2987	0.2992	0.3172	Ave		0.2923				6.1		20.0			
Isopropylbenzene	2.2010 2.0692	2.1178 2.0289	2.1779	2.1598	2.2126	Ave		2.1382				3.2		20.0			
Cyclohexanone	0.0134 0.0131	0.0131 0.0128	0.0138	0.0136	0.0141	Ave		0.0134				3.3		20.0			
1,1,2,2-Tetrachloroethane	1.2870 1.1963	1.1887 1.1328	1.2711	1.2357	1.2489	Ave		1.2229				4.4		20.0			
Bromobenzene	1.0610 1.1047	1.1041 1.0472	1.1530	1.1338	1.1325	Ave		1.1052				3.5		20.0			
1,2,3-Trichloropropane	1.5577 1.5654	1.5178 1.5001	1.6337	1.6230	1.6611	Ave		1.5798				3.9		20.0			
trans-1,4-Dichloro-2-butene	0.3414 0.3367	0.3386 0.3246	0.3368	0.3372	0.3572	Ave		0.3389				2.8		20.0			
N-Propylbenzene	5.7132 5.5464	5.7207 5.2559	6.0808	5.8552	5.8273	Ave		5.7142				4.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1 Analy Batch No.: 19825

SDG No.:

Instrument ID: A294 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/20/2021 21:40 Calibration End Date: 08/21/2021 00:03 Calibration ID: 1445

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Chlorotoluene	3.8794 3.7190	3.8540 3.5622	4.1038	3.9211	3.9041	Ave		3.8491				4.4		20.0			
1,3,5-Trimethylbenzene	4.5854 4.4578	4.6545 4.2102	4.7800	4.7175	4.6663	Ave		4.5817				4.2		20.0			
4-Ethyltoluene	3.9148 3.7985	3.9824 3.6051	4.2129	4.0173	4.0173	Ave		3.9355				4.9		20.0			
4-Chlorotoluene	3.6746 3.7347	3.8808 3.5239	4.0422	3.9149	3.9121	Ave		3.8119				4.6		20.0			
tert-Butylbenzene	3.4021 3.2776	3.3587 3.1200	3.6198	3.5010	3.4579	Ave		3.3910				4.8		20.0			
1,2,4-Trimethylbenzene	3.6811 3.8537	3.9420 3.6197	4.2447	4.0867	4.0497	Ave		3.9254				5.7		20.0			
sec-Butylbenzene	4.8462 4.7444	4.9419 4.4840	5.2712	5.0671	4.9837	Ave		4.9055				5.1		20.0			
1,3-Dichlorobenzene	1.9894 1.9520	1.9566 1.8820	2.0695	2.0176	2.0501	Ave		1.9882				3.2		20.0			
p-Cymene (p-Isopropyltoluene)	3.7682 3.9562	4.1226 3.7562	4.3424	4.2336	4.1926	Ave		4.0531				5.7		20.0			
1,4-Dichlorobenzene	1.7590 1.9633	1.9611 1.8927	2.0917	2.0568	2.0566	Ave		1.9687				5.9		20.0			
Dicyclopentadiene	4.3320 4.2441	4.4324 4.0021	4.7157	4.4441	4.3917	Ave		4.3660				5.0		20.0			
Benzyl chloride	0.4155 0.3986	0.3769 0.3778	0.4171	0.4040	0.4191	Ave		0.4013				4.5		20.0			
n-Butylbenzene	3.3637 3.5524	3.5217 3.4361	3.8397	3.8064	3.7514	Ave		3.6102				5.2		20.0			
1,2-Dichlorobenzene	1.8413 1.8018	1.8018 1.7327	1.9325	1.8703	1.8702	Ave		1.8358				3.5		20.0			
1,2-Dibromo-3-Chloropropane	0.1156 0.1912	0.1817 0.1898	0.1880	0.1945	0.1967	Ave		0.1796				16.0		20.0			
1,2,4-Trichlorobenzene	0.7360 0.8406	0.7464 0.8514	0.7924	0.8251	0.8520	Ave		0.8063				6.1		20.0			
Hexachlorobutadiene	0.2937 0.3391	0.3223 0.3340	0.3497	0.3646	0.3465	Ave		0.3357				6.8		20.0			
Naphthalene	1.2863 1.6970	1.4046 1.6985	1.6215	1.7004	1.7541	Ave		1.5946				11.2		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1 Analy Batch No.: 19825

SDG No.:

Instrument ID: A294 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/20/2021 21:40 Calibration End Date: 08/21/2021 00:03 Calibration ID: 1445

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2,3-Trichlorobenzene	0.4281 0.5650	0.4713 0.5499	0.5177	0.5523	0.5780	Ave		0.5232				10.5		20.0			
2-Methylnaphthalene	+++++ 0.3271	0.2134 0.3036	0.2618	0.2920	0.3115	Ave		0.2849				14.5		20.0			
1-Methylnaphthalene	+++++ 0.2953	0.1687 0.2795	0.2637	0.2707	0.2892	Ave		0.2612				17.9		20.0			
Dibromofluoromethane (Surr)	0.4605 0.4844	0.4616 0.4744	0.4770	0.4746	0.4678	Ave		0.4715				1.8		20.0			
1,2-Dichloroethane-d4 (Surr)	0.3364 0.3457	0.3351 0.3367	0.3472	0.3463	0.3392	Ave		0.3410				1.5		20.0			
Toluene-d8 (Surr)	1.4601 1.4185	1.4308 1.4241	1.4322	1.4342	1.4314	Ave		1.4330				0.9		20.0			
4-Bromofluorobenzene (Surr)	1.1301 1.1540	1.1359 1.1142	1.1825	1.1525	1.1273	Ave		1.1424				2.0		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1 Analy Batch No.: 19825

SDG No.:

Instrument ID: A294 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/20/2021 21:40 Calibration End Date: 08/21/2021 00:03 Calibration ID: 1445

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-19825/2	T15965.D
Level 2	IC 860-19825/3	T15966.D
Level 3	IC 860-19825/4	T15967.D
Level 4	IC 860-19825/5	T15968.D
Level 5	ICIS 860-19825/6	T15969.D
Level 6	IC 860-19825/7	T15970.D
Level 7	IC 860-19825/8	T15972.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Propene	PFB	Ave	+++++ 453737	33487 700565	60437	127274	246781	+++++ 100	5.00 150	10.0	25.0	50.0
Dichlorodifluoromethane	PFB	Ave	5842 556849	28929 855588	57890	144485	296392	1.00 100	5.00 150	10.0	25.0	50.0
Chloromethane	PFB	Ave	7785 788550	39218 1145136	79114	195926	403943	1.00 100	5.00 150	10.0	25.0	50.0
Vinyl chloride	PFB	Ave	6997 716396	36528 1051569	71166	179041	368051	1.00 100	5.00 150	10.0	25.0	50.0
1,3-Butadiene	PFB	Ave	5703 577592	30173 861989	57336	148149	296741	1.00 100	5.00 150	10.0	25.0	50.0
Ethylene oxide	PFB	Ave	5464 808207	42454 +++++	86785	200824	434765	5.00 500	25.0 +++++	50.0	125	250
Bromomethane	PFB	Ave	+++++ 433331	30253 507210	56080	125203	235551	+++++ 100	5.00 150	10.0	25.0	50.0
Chloroethane	PFB	Ave	4139 414776	20525 593086	43598	107456	214059	1.00 100	5.00 150	10.0	25.0	50.0
Trichlorofluoromethane	PFB	Ave	7327 764792	38554 1143879	76525	191559	396459	1.00 100	5.00 150	10.0	25.0	50.0
Diethyl ether	PFB	Ave	+++++ 383680	17993 578127	38107	96559	202036	+++++ 100	5.00 150	10.0	25.0	50.0
Acrolein	PFB	Ave	3338 534580	24403 798729	52397	131392	285804	5.00 500	25.0 750	50.0	125	250
1,1-Dichloroethene	PFB	Ave	4472 490602	25118 758289	52239	124505	258257	1.00 100	5.00 150	10.0	25.0	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	PFB	Ave	3959 340429	18077 535646	38082	88614	181335	1.00 100	5.00 150	10.0	25.0	50.0

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1 Analy Batch No.: 19825

SDG No.:

Instrument ID: A294 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/20/2021 21:40 Calibration End Date: 08/21/2021 00:03 Calibration ID: 1445

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Acetone	PFB	Ave	+++++ 276922	15857 405180	28121	69415	153795	+++++ 500	25.0 750	50.0	125	250
Iodomethane (Methyl Iodide)	PFB	Lin1	+++++ 629121	11252 927199	37703	129852	311035	+++++ 100	5.00 150	10.0	25.0	50.0
Isopropyl alcohol	PFB	Ave	+++++ 356035	17438 520515	37828	96409	199653	+++++ 1000	50.0 1500	100	250	500
Carbon disulfide	PFB	Ave	17426 1708415	87288 2556266	178477	437261	897300	1.00 100	5.00 150	10.0	25.0	50.0
Acetonitrile	PFB	Ave	4695 385908	18281 586473	38834	95744	208229	10.0 1000	50.0 1500	100	250	500
Allyl Chloride (3-Chloropropene)	PFB	Ave	+++++ 353694	16310 530906	34537	84654	185595	+++++ 100	5.00 150	10.0	25.0	50.0
Methyl acetate	PFB	Ave	9676 1023930	47830 1536544	103674	249431	547542	2.00 200	10.0 300	20.0	50.0	100
Methylene Chloride	PFB	Ave	6792 598696	31484 898164	63627	152837	317238	1.00 100	5.00 150	10.0	25.0	50.0
tert-Butyl alcohol	PFB	Ave	6968 627617	34001 912270	67101	170092	357188	10.0 1000	50.0 1500	100	250	500
Acrylonitrile	PFB	Ave	23983 2452768	114162 3597891	245712	621750	1314305	10.0 1000	50.0 1500	100	250	500
trans-1,2-Dichloroethene	PFB	Ave	5594 554589	26792 845484	57363	141320	294329	1.00 100	5.00 150	10.0	25.0	50.0
MTBE	PFB	Ave	17258 1783571	90048 2642996	187687	456799	955873	1.00 100	5.00 150	10.0	25.0	50.0
n-Hexane	PFB	Ave	7231 729759	35553 1168131	79418	183515	386722	1.00 100	5.00 150	10.0	25.0	50.0
1,1-Dichloroethane	PFB	Ave	10809 1091658	55887 1657003	116071	278988	575176	1.00 100	5.00 150	10.0	25.0	50.0
Vinyl acetate	PFB	Ave	70688 7294589	370718 10572848	783125	1911986	3956311	5.00 500	25.0 750	50.0	125	250
Isopropyl ether	PFB	Ave	18246 1912646	95501 2850029	202894	501248	1008273	1.00 100	5.00 150	10.0	25.0	50.0
Chloroprene	PFB	Ave	8251 897692	44436 1353178	95606	231090	469669	1.00 100	5.00 150	10.0	25.0	50.0
Ethyl tert-butyl ether	PFB	Ave	19078 1956451	100191 2940592	204219	508703	1038445	1.00 100	5.00 150	10.0	25.0	50.0

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1 Analy Batch No.: 19825

SDG No.:

Instrument ID: A294 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/20/2021 21:40 Calibration End Date: 08/21/2021 00:03 Calibration ID: 1445

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
cis-1,2-Dichloroethene	PFB	Ave	9194 977147	48674 1477636	101869	251848	512037	1.00 100	5.00 150	10.0	25.0	50.0
2,2-Dichloropropane	PFB	Ave	8015 857573	44333 1295401	92527	225842	455187	1.00 100	5.00 150	10.0	25.0	50.0
2-Butanone	PFB	Ave	4635 406100	19712 598825	40539	104546	223748	5.00 500	25.0 750	50.0	125	250
Propane Nitrile (Propionitrile)	PFB	Ave	7979 908301	42837 1337940	93006	232973	492965	10.0 1000	50.0 1500	100	250	500
Ethyl acetate	PFB	Ave	12574 1313972	67050 1935439	134356	338510	709729	2.00 200	10.0 300	20.0	50.0	100
Methacrylonitrile	PFB	Ave	27869 2908454	148760 4297161	307994	750206	1576464	10.0 1000	50.0 1500	100	250	500
Bromochloromethane	PFB	Ave	4377 410212	20963 598520	43321	104651	214978	1.00 100	5.00 150	10.0	25.0	50.0
Tetrahydrofuran	PFB	Ave	5651 390996	19797 581436	42443	103029	216780	2.00 200	10.0 300	20.0	50.0	100
Chloroform	PFB	Ave	10245 1058266	54889 1606146	113430	276291	558536	1.00 100	5.00 150	10.0	25.0	50.0
1,1,1-Trichloroethane	PFB	Lin1	+++++ 837057	298375 1149079	334357	415336	570274	+++++ 100	5.00 150	10.0	25.0	50.0
Cyclohexane	PFB	Ave	8704 829597	45579 1317421	93855	218459	441599	1.00 100	5.00 150	10.0	25.0	50.0
1,1-Dichloropropene	PFB	Ave	7460 843582	43285 1292706	89236	214749	439228	1.00 100	5.00 150	10.0	25.0	50.0
Carbon tetrachloride	PFB	Ave	6688 745880	37326 1154300	78785	188209	384055	1.00 100	5.00 150	10.0	25.0	50.0
Isobutanol	DFBZ	Ave	7978 653730	34193 963217	70159	177480	366152	24.8 2480	124 3720	248	620	1240
Benzene	DFBZ	Ave	24780 2554115	129414 3865742	274261	663013	1352470	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dichloroethane	DFBZ	Ave	7749 817055	39771 1238533	84198	210299	426051	1.00 100	5.00 150	10.0	25.0	50.0
2,2,4-Trimethylpentane	DFBZ	Ave	16281 1701558	87857 2704642	186027	441333	902247	1.00 100	5.00 150	10.0	25.0	50.0
Tert-amyl methyl ether	DFBZ	Ave	17533 1828295	91694 2732799	191389	469978	965990	1.00 100	5.00 150	10.0	25.0	50.0

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1 Analy Batch No.: 19825

SDG No.:

Instrument ID: A294 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/20/2021 21:40 Calibration End Date: 08/21/2021 00:03 Calibration ID: 1445

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
n-Butanol	DFBZ	Ave	4376 412319	20481 608994	40602	105265	227590	24.8 2480	124 3720	248	620	1240
Trichloroethene	DFBZ	Ave	5974 612858	31457 938875	64298	156831	320422	1.00 100	5.00 150	10.0	25.0	50.0
Methylcyclohexane	DFBZ	Ave	10180 989340	52778 1578016	108839	257318	517406	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dichloropropane	DFBZ	Ave	6269 680323	35029 1029212	70251	173416	352409	1.00 100	5.00 150	10.0	25.0	50.0
Methyl methacrylate	DFBZ	Ave	9921 1014764	51069 1515139	102817	260381	546821	2.00 200	10.0 300	20.0	50.0	100
Dibromomethane	DFBZ	Ave	3532 385137	18468 586087	39037	97880	203296	1.00 100	5.00 150	10.0	25.0	50.0
1,4-Dioxane (P-Dioxane)	DFBZ	Ave	1484 124226	6378 181970	13759	32572	67312	20.0 2000	100 3000	200	500	1000
Bromodichloromethane	DFBZ	Ave	7638 831727	40734 1258968	84381	209832	436913	1.00 100	5.00 150	10.0	25.0	50.0
2-Nitropropane	CBNZ d5	Ave	5091 429724	21380 642030	44457	107724	232032	2.00 200	10.0 300	20.0	50.0	100
2-Chloroethyl vinyl ether	DFBZ	Ave	3445 453719	21699 684688	46947	115398	237234	1.00 100	5.00 150	10.0	25.0	50.0
cis-1,3-Dichloropropene	DFBZ	Ave	10406 1055928	51030 1611033	109247	266141	558572	1.00 100	5.00 150	10.0	25.0	50.0
4-Methyl-2-pentanone	DFBZ	Ave	29466 2913211	144965 4258373	308668	772961	1627073	5.00 500	25.0 750	50.0	125	250
Toluene	CBNZ d5	Ave	16022 1586622	80402 2407884	165436	406046	838952	1.00 100	5.00 150	10.0	25.0	50.0
trans-1,3-Dichloropropene	CBNZ d5	Ave	9032 976506	45855 1482143	97896	244966	514179	1.00 100	5.00 150	10.0	25.0	50.0
Ethyl methacrylate	CBNZ d5	Ave	8667 924125	45976 1384560	95609	238919	496135	1.00 100	5.00 150	10.0	25.0	50.0
1,1,2-Trichloroethane	CBNZ d5	Ave	4649	23645	50758	125459	263917	1.00	5.00	10.0	25.0	50.0

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RESPONSE AND CONCENTRATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1 Analy Batch No.: 19825

SDG No.:

Instrument ID: A294 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/20/2021 21:40 Calibration End Date: 08/21/2021 00:03 Calibration ID: 1445

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			499700	747548				100	150			
Tetrachloroethene	CBNZ d5	Ave	4836 474768	24488 739784	49073	121206	250359	1.00 100	5.00 150	10.0	25.0	50.0
1,3-Dichloropropane	CBNZ d5	Ave	9167 992679	50323 1495642	101658	252416	523036	1.00 100	5.00 150	10.0	25.0	50.0
2-Hexanone	CBNZ d5	Ave	20423 2022369	102717 2947549	211239	532157	1117826	5.00 500	25.0 750	50.0	125	250
Dibromochloromethane	CBNZ d5	Ave	5732 609182	29394 920035	60083	155387	317664	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dibromoethane	CBNZ d5	Ave	4882 564488	27510 858202	56197	142543	299135	1.00 100	5.00 150	10.0	25.0	50.0
1-Chlorohexane	CBNZ d5	Lin1	11871 587272	34684 905601	66997	151334	308536	1.00 100	5.00 150	10.0	25.0	50.0
Chlorobenzene	CBNZ d5	Ave	15365 1650929	82462 2478964	169270	418898	874720	1.00 100	5.00 150	10.0	25.0	50.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	6168 583274	29124 887698	60350	151216	307993	1.00 100	5.00 150	10.0	25.0	50.0
Ethylbenzene	CBNZ d5	Ave	27891 2889181	147873 4354886	302537	752079	1539392	1.00 100	5.00 150	10.0	25.0	50.0
m,p-Xylenes	CBNZ d5	Ave	21715 2258163	114643 3381928	234862	584469	1188506	1.00 100	5.00 150	10.0	25.0	50.0
o-Xylene	CBNZ d5	Ave	21359 2308735	115800 3470589	242170	597281	1232399	1.00 100	5.00 150	10.0	25.0	50.0
Styrene	CBNZ d5	Ave	16883	90649	185175	466330	960986	1.00	5.00	10.0	25.0	50.0

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1 Analy Batch No.: 19825

SDG No.:

Instrument ID: A294 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/20/2021 21:40 Calibration End Date: 08/21/2021 00:03 Calibration ID: 1445

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			1789738	2683447				100	150			
Bromoform	CBNZ d5	Ave	3191 388575	18382 590876	39490	99164	208918	1.00 100	5.00 150	10.0	25.0	50.0
Isopropylbenzene	CBNZ d5	Ave	27159 2735704	136960 4078787	287961	715805	1457241	1.00 100	5.00 150	10.0	25.0	50.0
Cyclohexanone	CBNZ d5	Ave	8294 864326	42473 1285335	90932	225991	463558	50.0 5000	250 7500	500	1250	2500
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	7038 692968	33696 1033723	71022	178922	372140	1.00 100	5.00 150	10.0	25.0	50.0
Bromobenzene	DCBd 4	Ave	5802 639880	31297 955660	64424	164163	337448	1.00 100	5.00 150	10.0	25.0	50.0
1,2,3-Trichloropropane	DCBd 4	Ave	8518 906763	43025 1368959	91282	234997	494952	1.00 100	5.00 150	10.0	25.0	50.0
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	1867 195042	9598 296250	18821	48822	106429	1.00 100	5.00 150	10.0	25.0	50.0
N-Propylbenzene	DCBd 4	Ave	31242 3212735	162162 4796438	339767	847773	1736336	1.00 100	5.00 150	10.0	25.0	50.0
2-Chlorotoluene	DCBd 4	Ave	21214 2154187	109248 3250775	229303	567731	1163277	1.00 100	5.00 150	10.0	25.0	50.0
1,3,5-Trimethylbenzene	DCBd 4	Ave	25075 2582164	131938 3842070	267081	683051	1390395	1.00 100	5.00 150	10.0	25.0	50.0
4-Ethyltoluene	DCBd 4	Ave	21408 2200283	112887 3289914	235395	581658	1197014	1.00 100	5.00 150	10.0	25.0	50.0
4-Chlorotoluene	DCBd 4	Ave	20094	110007	225856	566836	1165680	1.00	5.00	10.0	25.0	50.0

Released to Imaging: 6/14/2022 10:51:35 AM

Received by OCD: 3/25/2022 8:51:12 AM

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1 Analy Batch No.: 19825

SDG No.:

Instrument ID: A294 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/20/2021 21:40 Calibration End Date: 08/21/2021 00:03 Calibration ID: 1445

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			2163322	3215805				100	150			
tert-Butylbenzene	DCBd 4	Ave	18604 1898548	95207 2847187	202256	506904	1030333	1.00 100	5.00 150	10.0	25.0	50.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	20130 2232240	111742 3303229	237172	591710	1206675	1.00 100	5.00 150	10.0	25.0	50.0
sec-Butylbenzene	DCBd 4	Ave	26501 2748172	140086 4091942	294528	733659	1484973	1.00 100	5.00 150	10.0	25.0	50.0
1,3-Dichlorobenzene	DCBd 4	Ave	10879 1130707	55462 1717420	115634	292132	610850	1.00 100	5.00 150	10.0	25.0	50.0
p-Cymene (p-Isopropyltoluene)	DCBd 4	Ave	20606 2291589	116861 3427822	242635	612982	1249252	1.00 100	5.00 150	10.0	25.0	50.0
1,4-Dichlorobenzene	DCBd 4	Ave	9619 1137201	55590 1727202	116873	297799	612811	1.00 100	5.00 150	10.0	25.0	50.0
Dicyclopentadiene	DCBd 4	Ave	23689 2458372	125644 3652252	263489	643462	1308571	1.00 100	5.00 150	10.0	25.0	50.0
Benzyl chloride	DCBd 4	Ave	2272 230876	10684 344779	23307	58498	124881	1.00 100	5.00 150	10.0	25.0	50.0
n-Butylbenzene	DCBd 4	Ave	18394 2057701	99828 3135670	214546	551125	1117795	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dichlorobenzene	DCBd 4	Ave	10069 1043674	51075 1581185	107979	270798	557256	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	632 110752	5151 173224	10504	28156	58618	1.00 100	5.00 150	10.0	25.0	50.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	4025	21158	44276	119460	253868	1.00	5.00	10.0	25.0	50.0

Released to Imaging: 6/14/2022 10:51:35 AM

Received by OCD: 3/25/2022 8:51:12 AM

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1 Analy Batch No.: 19825

SDG No.:

Instrument ID: A294 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/20/2021 21:40 Calibration End Date: 08/21/2021 00:03 Calibration ID: 1445

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			486889	776989				100	150			
Hexachlorobutadiene	DCBd 4	Ave	1606 196444	9136 304807	19539	52787	103236	1.00 100	5.00 150	10.0	25.0	50.0
Naphthalene	DCBd 4	Ave	7034 982961	39817 1550042	90599	246208	522668	1.00 100	5.00 150	10.0	25.0	50.0
1,2,3-Trichlorobenzene	DCBd 4	Ave	2341 327272	13361 501842	28925	79973	172233	1.00 100	5.00 150	10.0	25.0	50.0
2-Methylnaphthalene	DCBd 4	Ave	+++++ 189447	6050 277022	14628	42272	92814	+++++ 100	5.00 150	10.0	25.0	50.0
1-Methylnaphthalene	DCBd 4	Ave	+++++ 171069	4781 255050	14734	39190	86160	+++++ 100	5.00 150	10.0	25.0	50.0
Dibromofluoromethane (Surr)	PFB	Ave	221728 231873	227865 231962	234901	233657	228874	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	DFBZ	Ave	252767 266688	261098 267988	276231	272135	264450	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	900832 937712	925281 954320	946798	950620	942690	50.0 50.0	50.0 50.0	50.0	50.0	50.0
4-Bromofluorobenzene (Surr)	DCBd 4	Ave	309001 334235	321990 338936	330357	333750	335903	50.0 50.0	50.0 50.0	50.0	50.0	50.0

Curve Type Legend

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD

Released to Imaging: 6/14/2022 10:51:35 AM

Calibration / Propene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

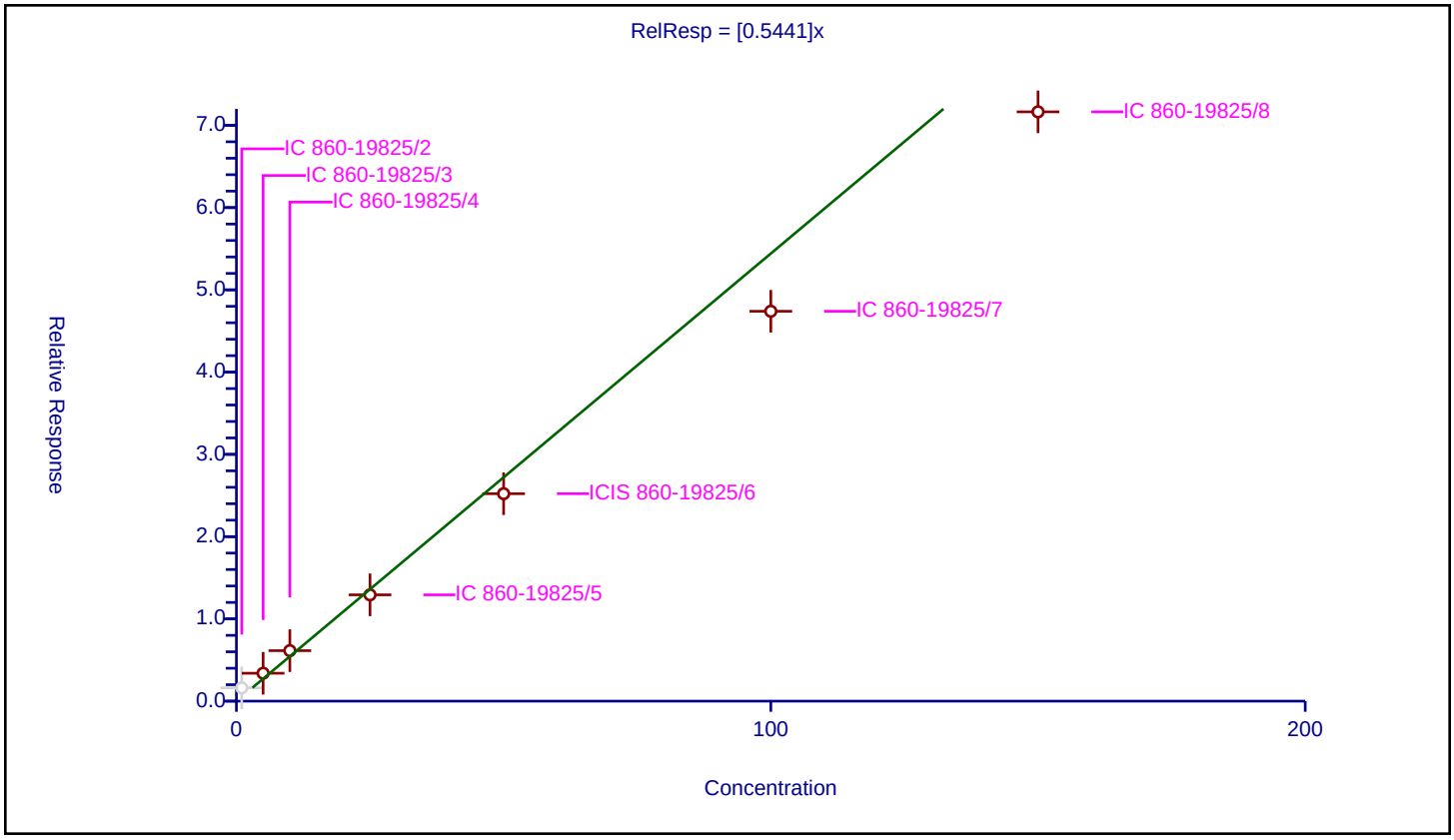
Curve Coefficients

Intercept:	0
Slope:	0.5441

Error Coefficients

Standard Error:	395000
Relative Standard Error:	15.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.954

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	1.616149	50.0	481546.0	1.616149	N
2	IC 860-19825/3	5.0	3.391556	50.0	493682.0	0.678311	Y
3	IC 860-19825/4	10.0	6.136334	50.0	492452.0	0.613633	Y
4	IC 860-19825/5	25.0	12.92547	50.0	492338.0	0.517019	Y
5	ICIS 860-19825/6	50.0	25.218275	50.0	489290.0	0.504366	Y
6	IC 860-19825/7	100.0	47.396883	50.0	478657.0	0.473969	Y
7	IC 860-19825/8	150.0	71.639006	50.0	488955.0	0.477593	Y



Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

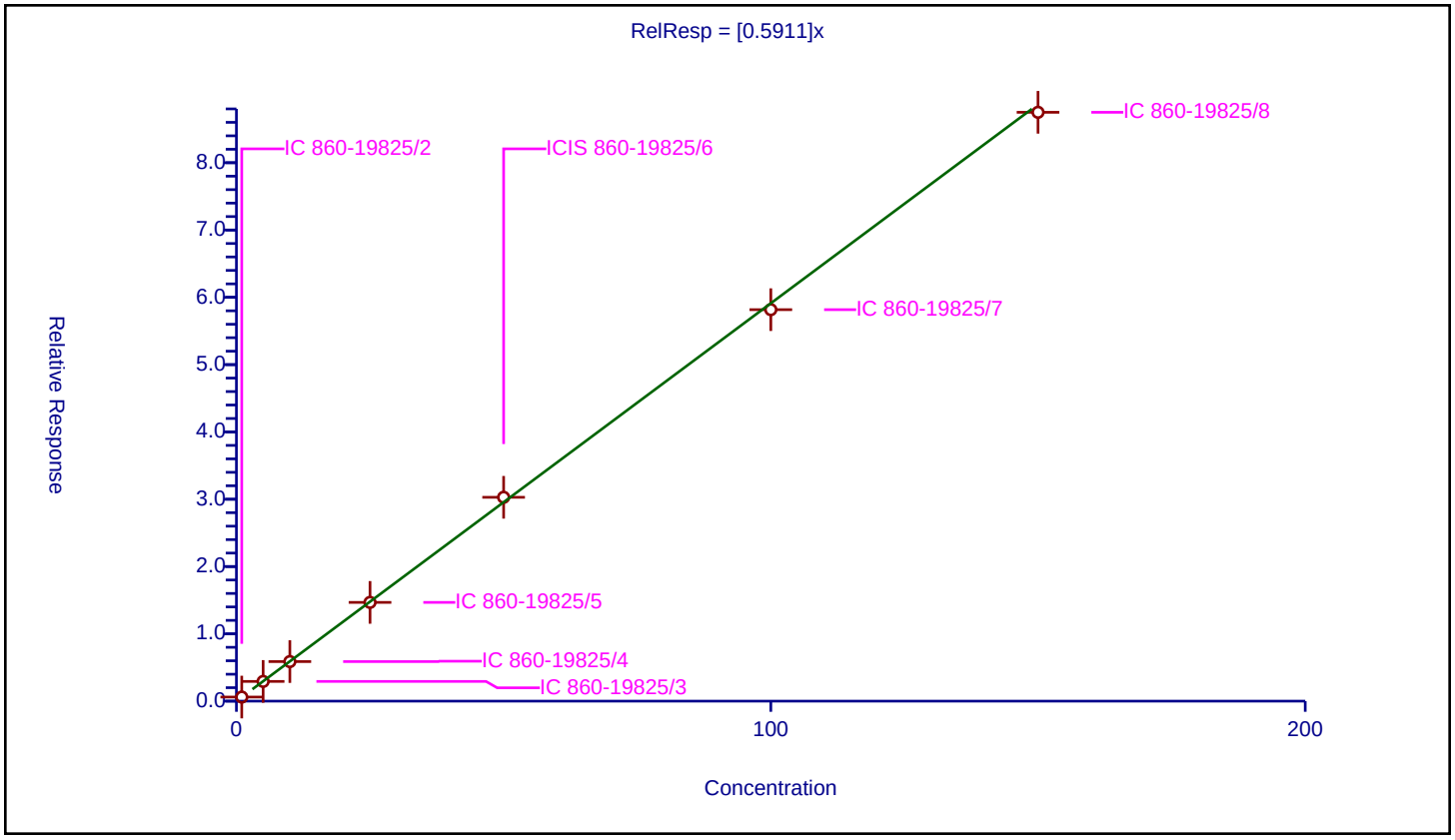
Curve Coefficients

Intercept:	0
Slope:	0.5911

Error Coefficients

Standard Error:	439000
Relative Standard Error:	1.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	0.606588	50.0	481546.0	0.606588	Y
2	IC 860-19825/3	5.0	2.929923	50.0	493682.0	0.585985	Y
3	IC 860-19825/4	10.0	5.87773	50.0	492452.0	0.587773	Y
4	IC 860-19825/5	25.0	14.673354	50.0	492338.0	0.586934	Y
5	ICIS 860-19825/6	50.0	30.287968	50.0	489290.0	0.605759	Y
6	IC 860-19825/7	100.0	58.167853	50.0	478657.0	0.581679	Y
7	IC 860-19825/8	150.0	87.491487	50.0	488955.0	0.583277	Y



Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

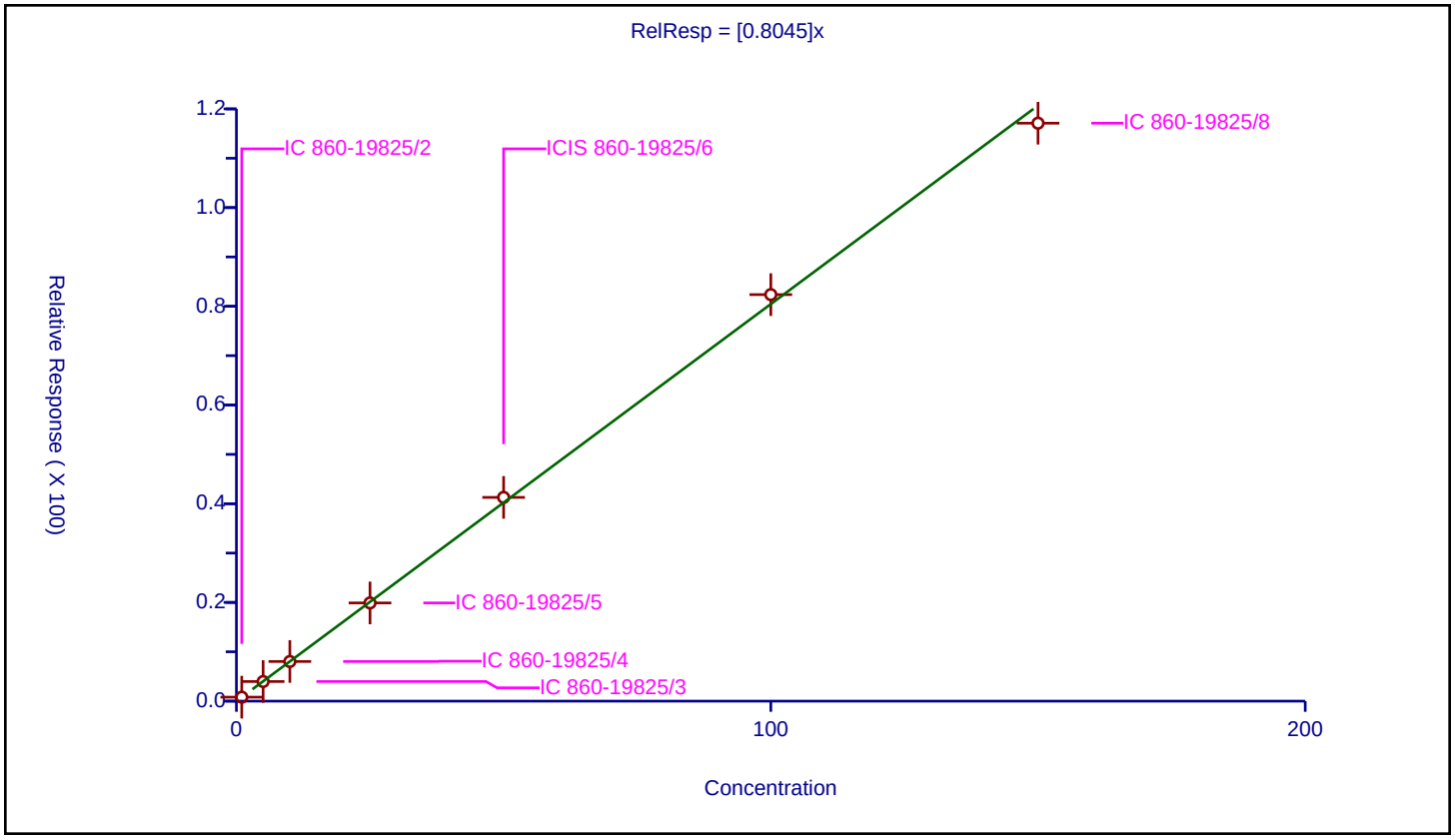
Curve Coefficients

Intercept:	0
Slope:	0.8045

Error Coefficients

Standard Error:	598000
Relative Standard Error:	2.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	0.808334	50.0	481546.0	0.808334	Y
2	IC 860-19825/3	5.0	3.97199	50.0	493682.0	0.794398	Y
3	IC 860-19825/4	10.0	8.032661	50.0	492452.0	0.803266	Y
4	IC 860-19825/5	25.0	19.897509	50.0	492338.0	0.7959	Y
5	ICIS 860-19825/6	50.0	41.278485	50.0	489290.0	0.82557	Y
6	IC 860-19825/7	100.0	82.371092	50.0	478657.0	0.823711	Y
7	IC 860-19825/8	150.0	117.100347	50.0	488955.0	0.780669	Y



Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

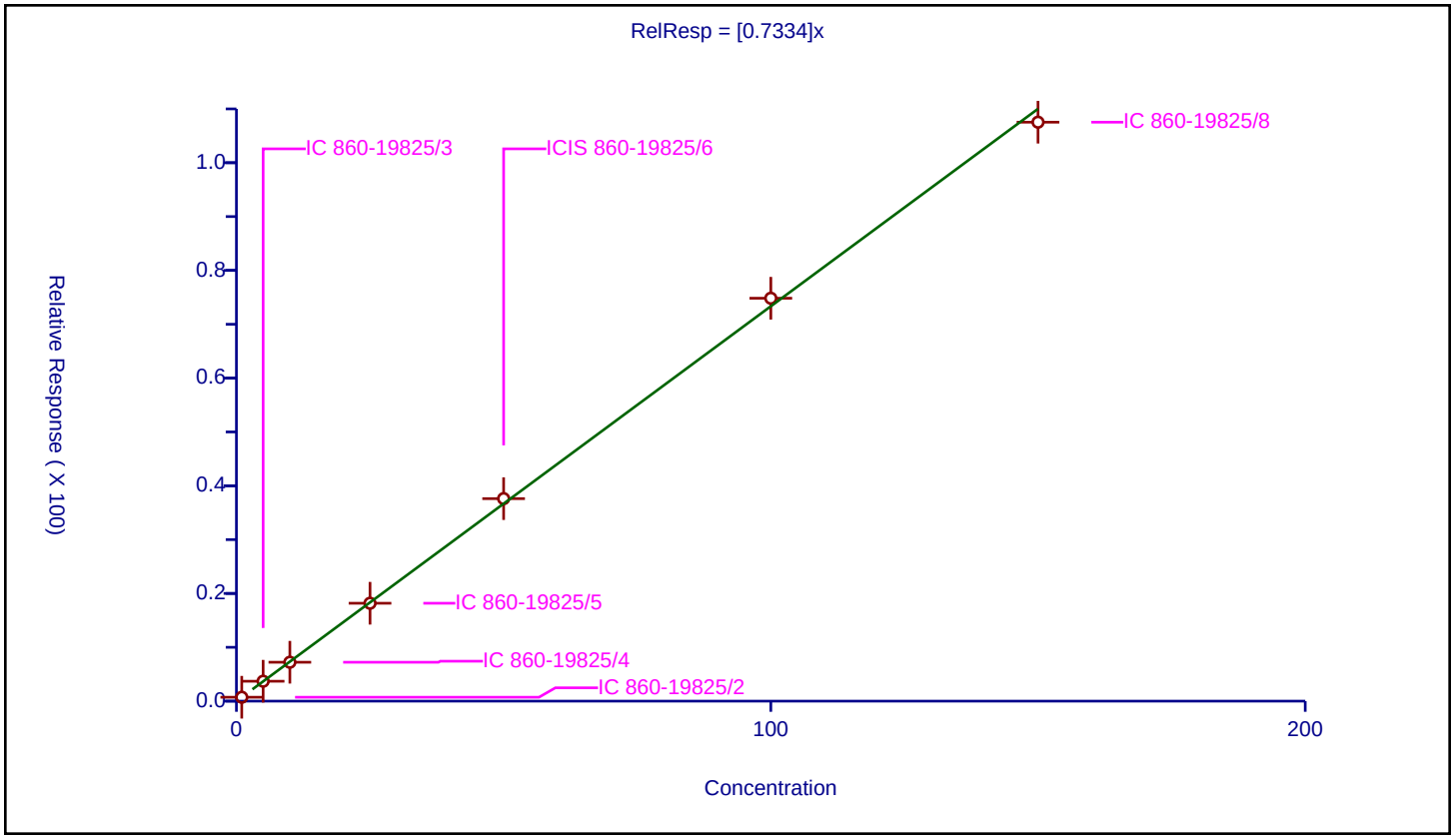
Curve Coefficients

Intercept:	0
Slope:	0.7334

Error Coefficients

Standard Error:	547000
Relative Standard Error:	1.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	0.726514	50.0	481546.0	0.726514	Y
2	IC 860-19825/3	5.0	3.699547	50.0	493682.0	0.739909	Y
3	IC 860-19825/4	10.0	7.225679	50.0	492452.0	0.722568	Y
4	IC 860-19825/5	25.0	18.182732	50.0	492338.0	0.727309	Y
5	ICIS 860-19825/6	50.0	37.610722	50.0	489290.0	0.752214	Y
6	IC 860-19825/7	100.0	74.833963	50.0	478657.0	0.74834	Y
7	IC 860-19825/8	150.0	107.532288	50.0	488955.0	0.716882	Y



Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

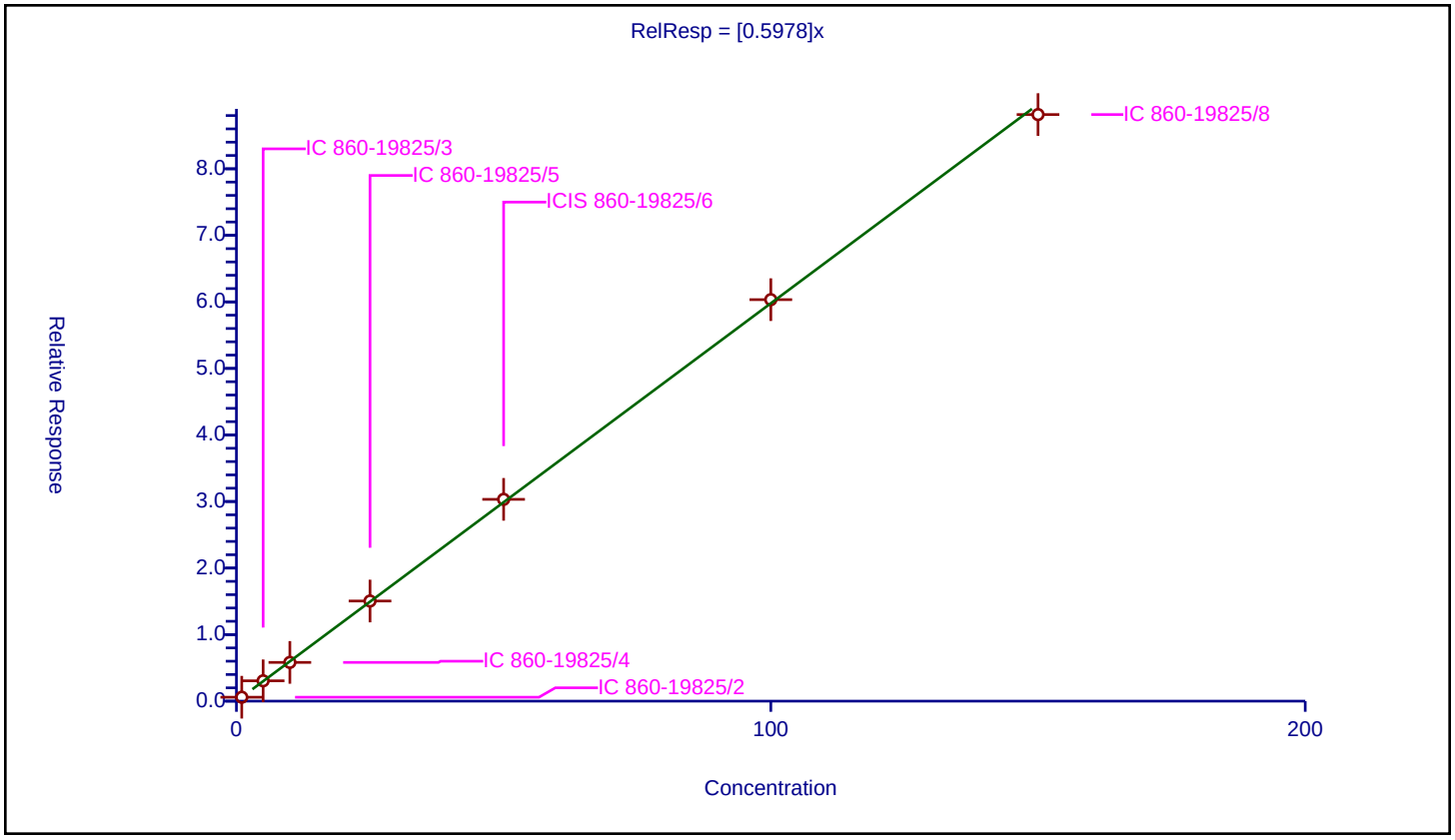
Curve Coefficients

Intercept:	0
Slope:	0.5978

Error Coefficients

Standard Error:	445000
Relative Standard Error:	1.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	0.592155	50.0	481546.0	0.592155	Y
2	IC 860-19825/3	5.0	3.055915	50.0	493682.0	0.611183	Y
3	IC 860-19825/4	10.0	5.821481	50.0	492452.0	0.582148	Y
4	IC 860-19825/5	25.0	15.045457	50.0	492338.0	0.601818	Y
5	ICIS 860-19825/6	50.0	30.323632	50.0	489290.0	0.606473	Y
6	IC 860-19825/7	100.0	60.334645	50.0	478657.0	0.603346	Y
7	IC 860-19825/8	150.0	88.146046	50.0	488955.0	0.58764	Y



Calibration / Ethylene oxide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

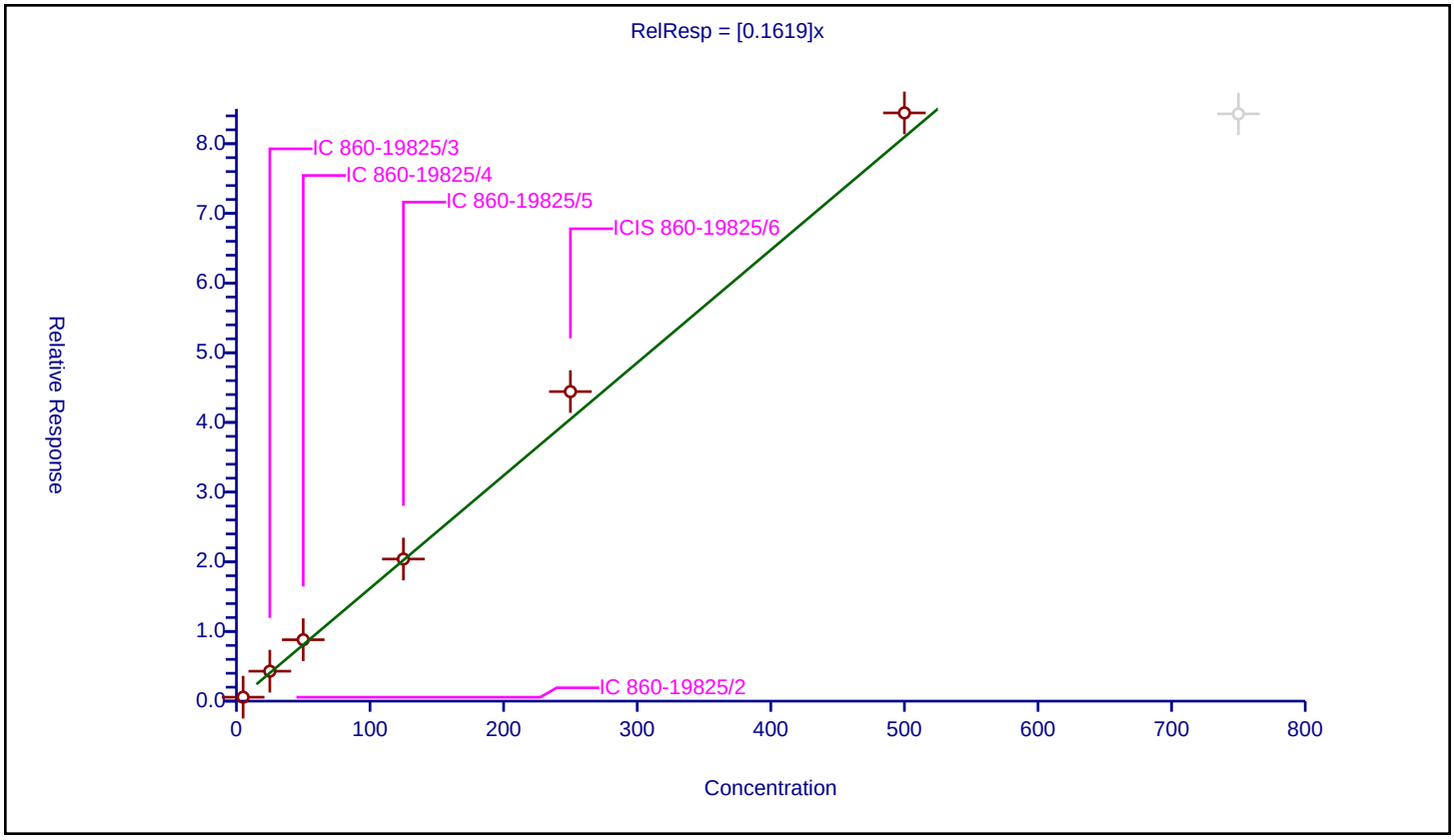
Curve Coefficients

Intercept:	0
Slope:	0.1619

Error Coefficients

Standard Error:	422000
Relative Standard Error:	15.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	5.0	0.567339	50.0	481546.0	0.113468	Y
2	IC 860-19825/3	25.0	4.299731	50.0	493682.0	0.171989	Y
3	IC 860-19825/4	50.0	8.811519	50.0	492452.0	0.17623	Y
4	IC 860-19825/5	125.0	20.394932	50.0	492338.0	0.163159	Y
5	ICIS 860-19825/6	250.0	44.428151	50.0	489290.0	0.177713	Y
6	IC 860-19825/7	500.0	84.424442	50.0	478657.0	0.168849	Y
7	IC 860-19825/8	750.0	84.279944	50.0	488955.0	0.112373	N



Calibration / Bromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

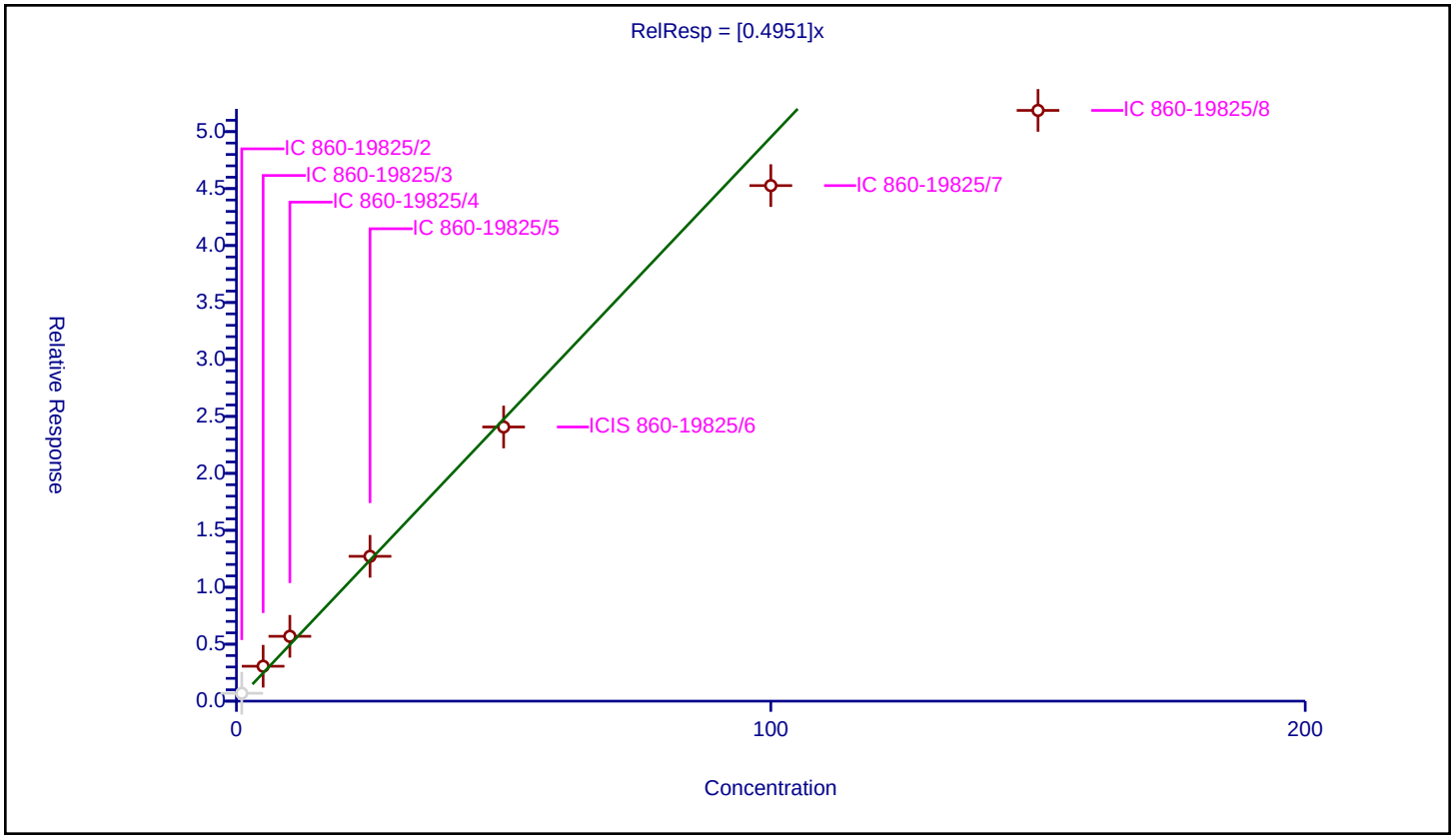
Curve Coefficients

Intercept:	0
Slope:	0.4951

Error Coefficients

Standard Error:	323000
Relative Standard Error:	18.9
Correlation Coefficient:	0.968
Coefficient of Determination (Adjusted):	0.929

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	0.691107	50.0	481546.0	0.691107	N
2	IC 860-19825/3	5.0	3.064017	50.0	493682.0	0.612803	Y
3	IC 860-19825/4	10.0	5.693956	50.0	492452.0	0.569396	Y
4	IC 860-19825/5	25.0	12.715147	50.0	492338.0	0.508606	Y
5	ICIS 860-19825/6	50.0	24.070694	50.0	489290.0	0.481414	Y
6	IC 860-19825/7	100.0	45.265294	50.0	478657.0	0.452653	Y
7	IC 860-19825/8	150.0	51.866736	50.0	488955.0	0.345778	Y



Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

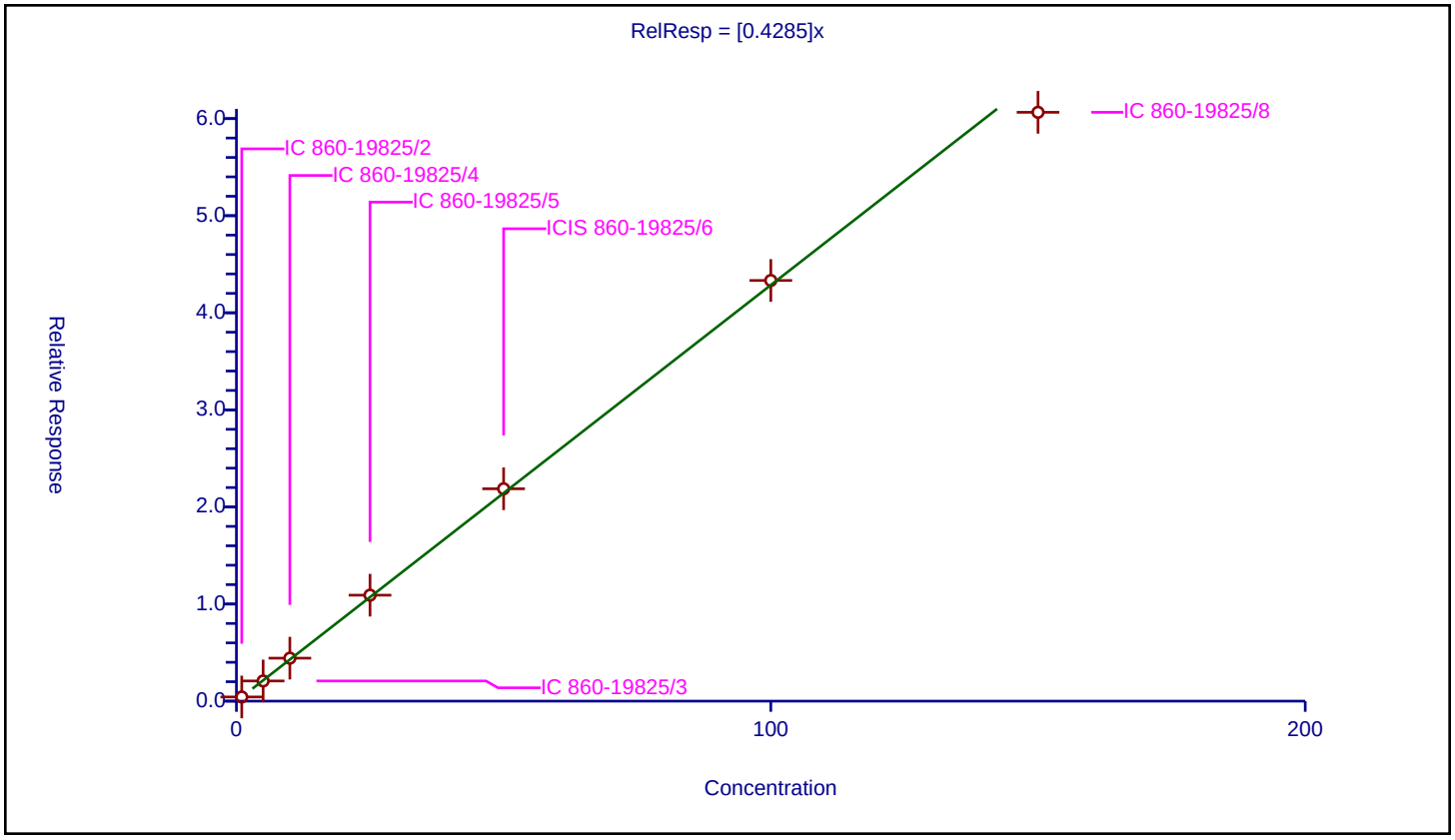
Curve Coefficients

Intercept:	0
Slope:	0.4285

Error Coefficients

Standard Error:	312000
Relative Standard Error:	3.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	0.429762	50.0	481546.0	0.429762	Y
2	IC 860-19825/3	5.0	2.078767	50.0	493682.0	0.415753	Y
3	IC 860-19825/4	10.0	4.426624	50.0	492452.0	0.442662	Y
4	IC 860-19825/5	25.0	10.912828	50.0	492338.0	0.436513	Y
5	ICIS 860-19825/6	50.0	21.874451	50.0	489290.0	0.437489	Y
6	IC 860-19825/7	100.0	43.327059	50.0	478657.0	0.433271	Y
7	IC 860-19825/8	150.0	60.648321	50.0	488955.0	0.404322	Y



Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

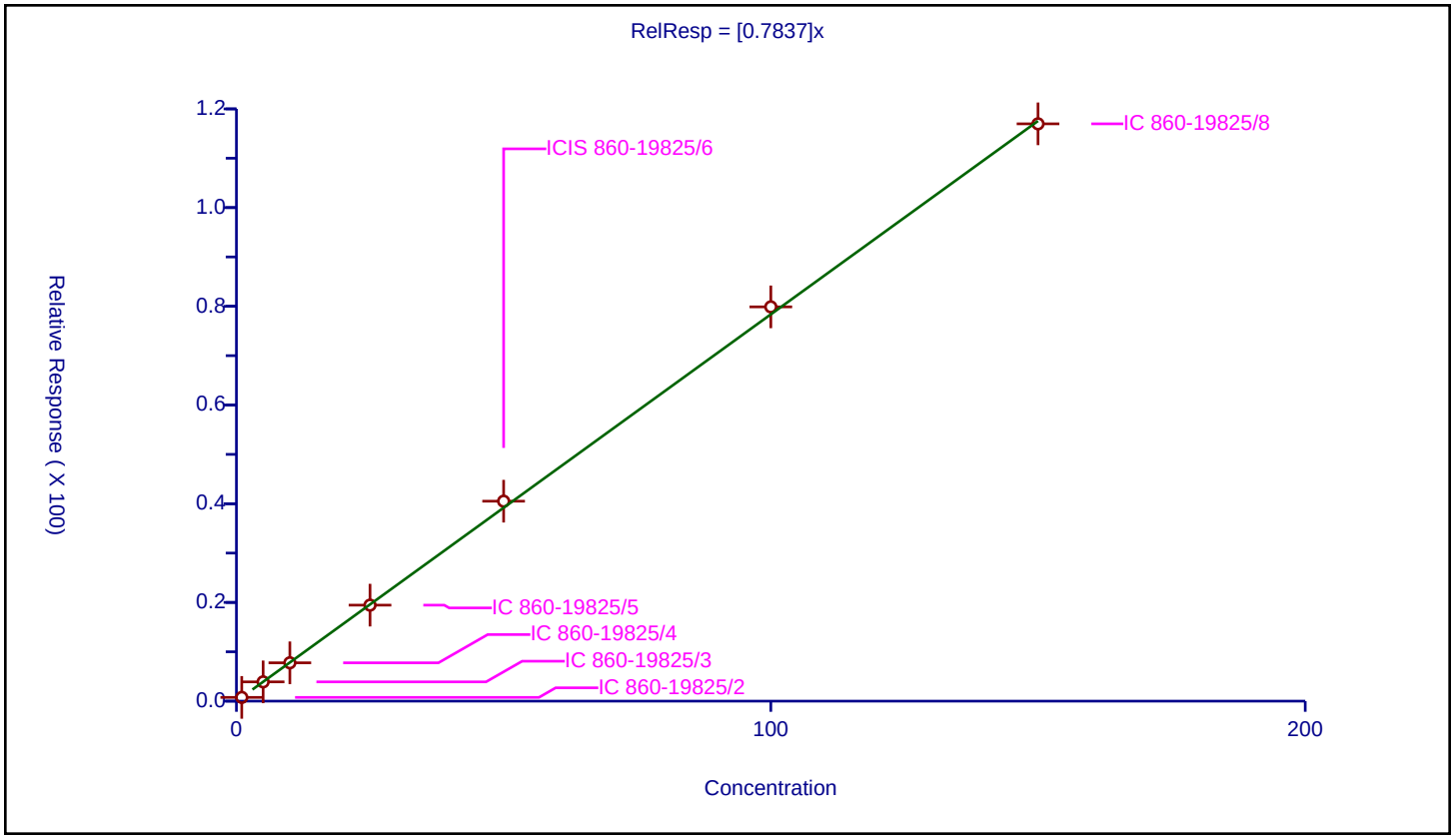
Curve Coefficients

Intercept:	0
Slope:	0.7837

Error Coefficients

Standard Error:	591000
Relative Standard Error:	2.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	0.760779	50.0	481546.0	0.760779	Y
2	IC 860-19825/3	5.0	3.90474	50.0	493682.0	0.780948	Y
3	IC 860-19825/4	10.0	7.769793	50.0	492452.0	0.776979	Y
4	IC 860-19825/5	25.0	19.454013	50.0	492338.0	0.778161	Y
5	ICIS 860-19825/6	50.0	40.513704	50.0	489290.0	0.810274	Y
6	IC 860-19825/7	100.0	79.889357	50.0	478657.0	0.798894	Y
7	IC 860-19825/8	150.0	116.971807	50.0	488955.0	0.779812	Y



Calibration / Ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

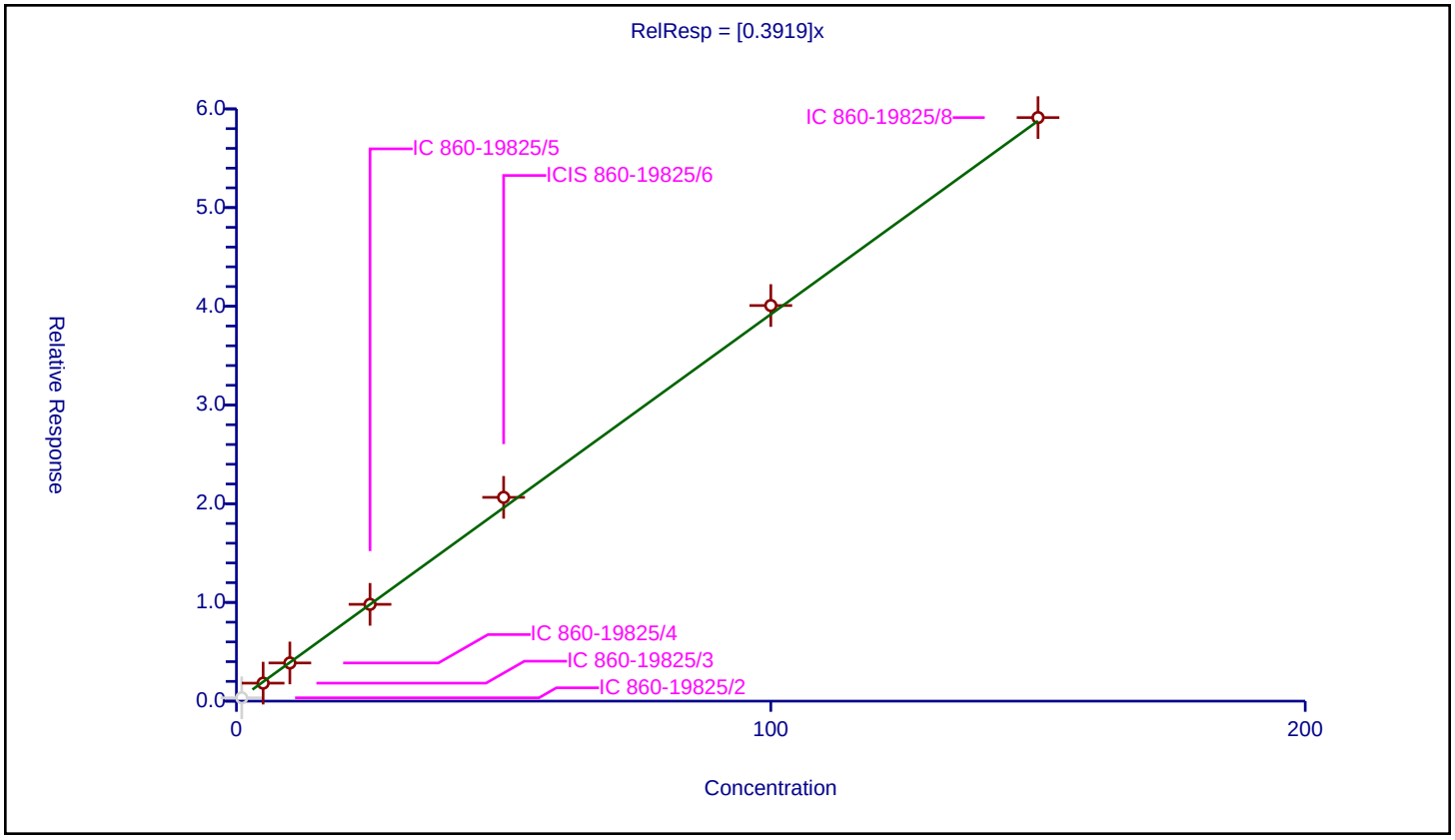
Curve Coefficients

Intercept:	0
Slope:	0.3919

Error Coefficients

Standard Error:	327000
Relative Standard Error:	4.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	0.337559	50.0	481546.0	0.337559	N
2	IC 860-19825/3	5.0	1.822327	50.0	493682.0	0.364465	Y
3	IC 860-19825/4	10.0	3.869108	50.0	492452.0	0.386911	Y
4	IC 860-19825/5	25.0	9.80617	50.0	492338.0	0.392247	Y
5	ICIS 860-19825/6	50.0	20.645834	50.0	489290.0	0.412917	Y
6	IC 860-19825/7	100.0	40.078804	50.0	478657.0	0.400788	Y
7	IC 860-19825/8	150.0	59.118631	50.0	488955.0	0.394124	Y



Calibration / Acrolein

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

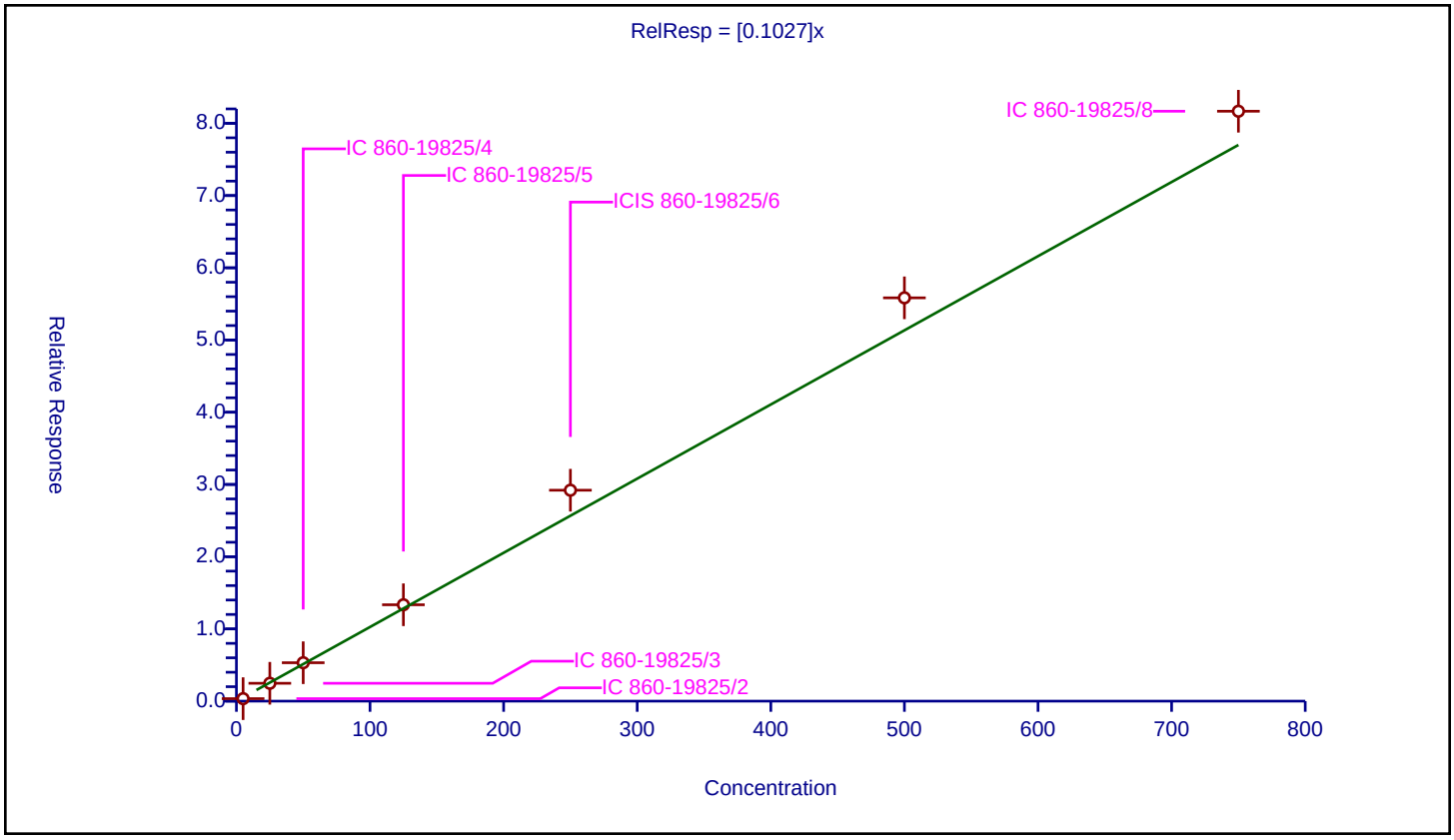
Curve Coefficients

Intercept:	0
Slope:	0.1027

Error Coefficients

Standard Error:	413000
Relative Standard Error:	15.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	5.0	0.346592	50.0	481546.0	0.069318	Y
2	IC 860-19825/3	25.0	2.47153	50.0	493682.0	0.098861	Y
3	IC 860-19825/4	50.0	5.320011	50.0	492452.0	0.1064	Y
4	IC 860-19825/5	125.0	13.343679	50.0	492338.0	0.106749	Y
5	ICIS 860-19825/6	250.0	29.205992	50.0	489290.0	0.116824	Y
6	IC 860-19825/7	500.0	55.841657	50.0	478657.0	0.111683	Y
7	IC 860-19825/8	750.0	81.677148	50.0	488955.0	0.108903	Y



Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

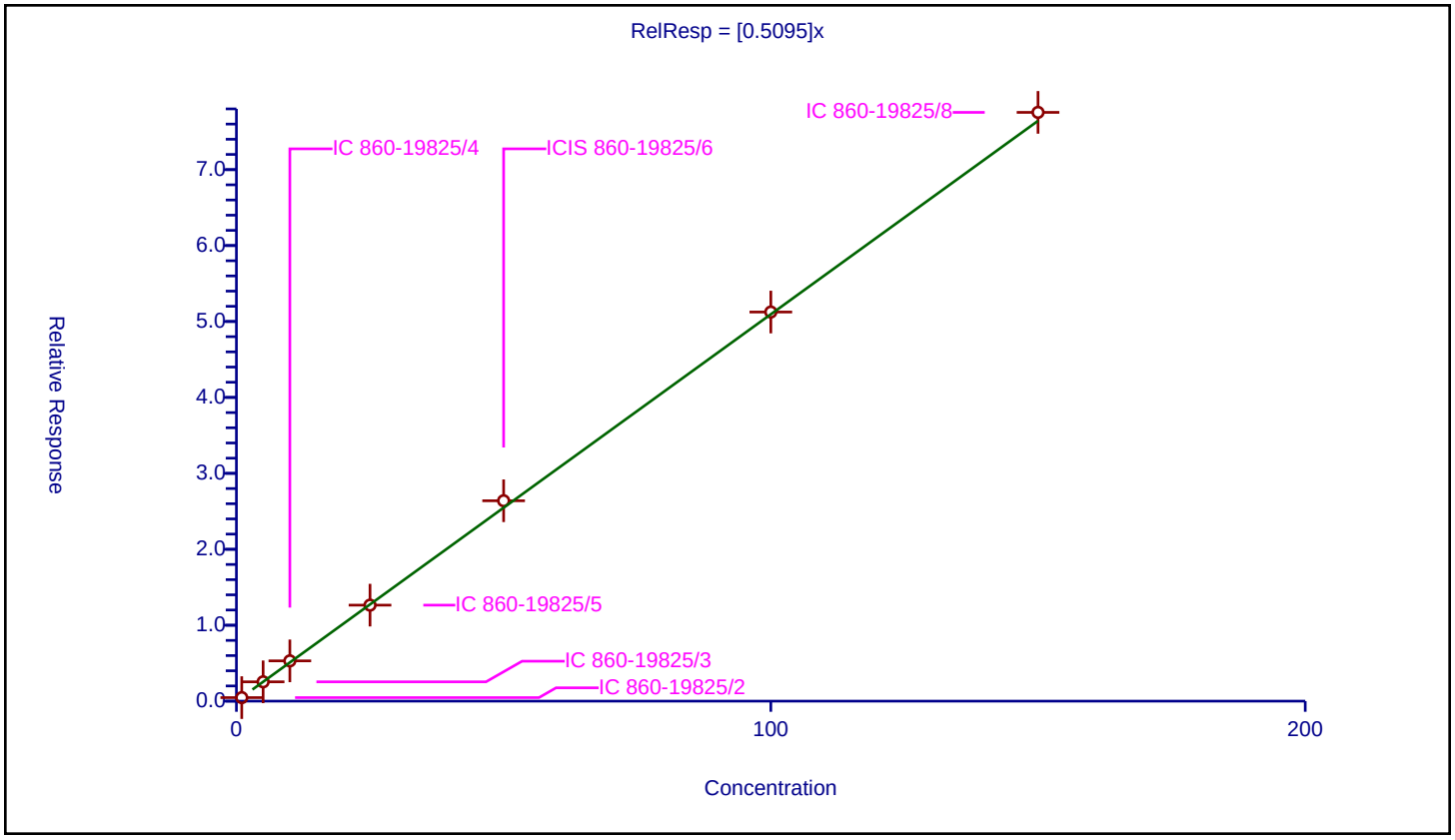
Curve Coefficients

Intercept:	0
Slope:	0.5095

Error Coefficients

Standard Error:	388000
Relative Standard Error:	4.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	0.464338	50.0	481546.0	0.464338	Y
2	IC 860-19825/3	5.0	2.543945	50.0	493682.0	0.508789	Y
3	IC 860-19825/4	10.0	5.303969	50.0	492452.0	0.530397	Y
4	IC 860-19825/5	25.0	12.644261	50.0	492338.0	0.50577	Y
5	ICIS 860-19825/6	50.0	26.390995	50.0	489290.0	0.52782	Y
6	IC 860-19825/7	100.0	51.247762	50.0	478657.0	0.512478	Y
7	IC 860-19825/8	150.0	77.541798	50.0	488955.0	0.516945	Y



Calibration / 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

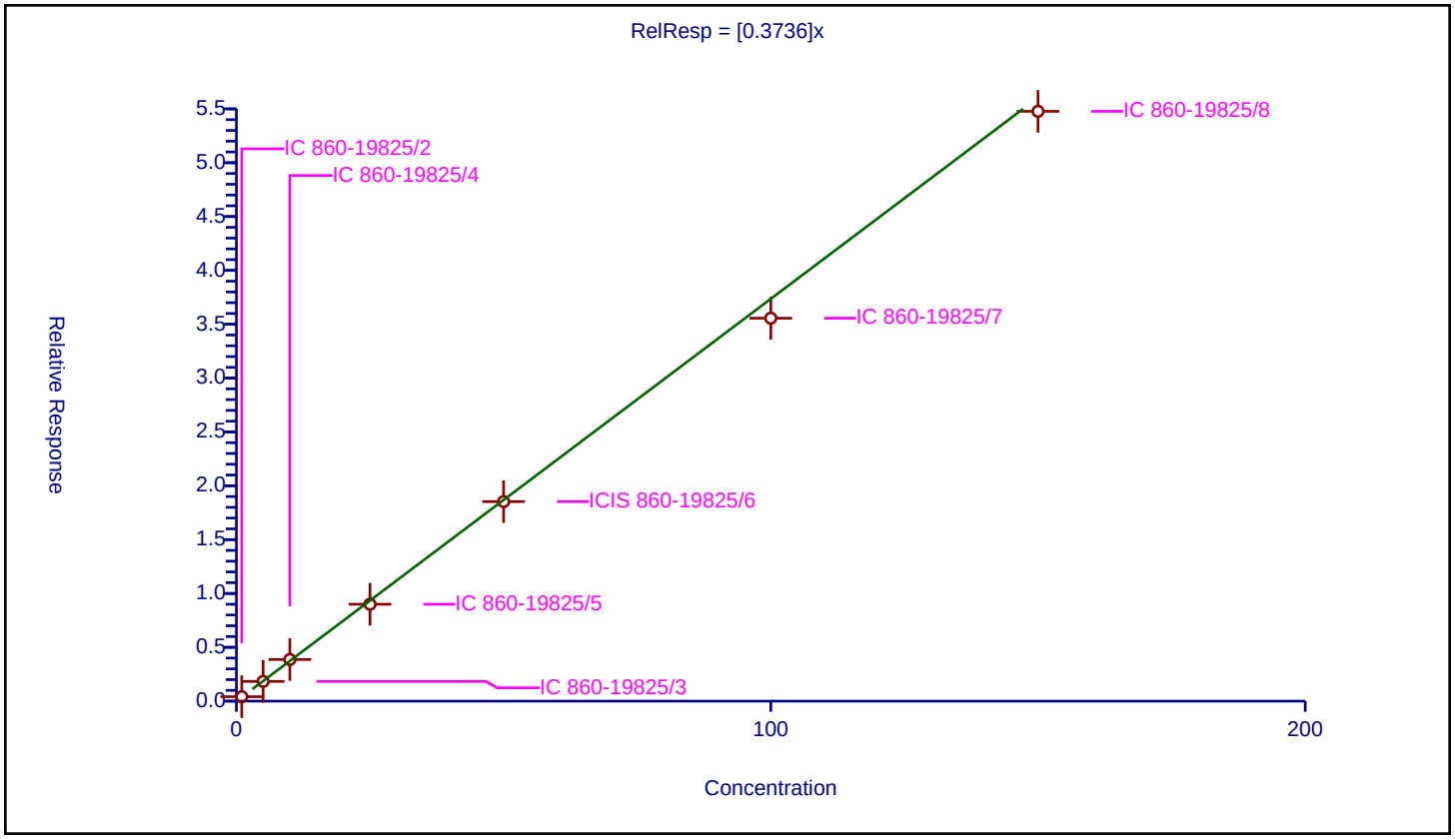
Curve Coefficients

Intercept:	0
Slope:	0.3736

Error Coefficients

Standard Error:	272000
Relative Standard Error:	5.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	0.411072	50.0	481546.0	0.411072	Y
2	IC 860-19825/3	5.0	1.830834	50.0	493682.0	0.366167	Y
3	IC 860-19825/4	10.0	3.86657	50.0	492452.0	0.386657	Y
4	IC 860-19825/5	25.0	8.999305	50.0	492338.0	0.359972	Y
5	ICIS 860-19825/6	50.0	18.530422	50.0	489290.0	0.370608	Y
6	IC 860-19825/7	100.0	35.56085	50.0	478657.0	0.355609	Y
7	IC 860-19825/8	150.0	54.77457	50.0	488955.0	0.365164	Y



Calibration / Acetone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

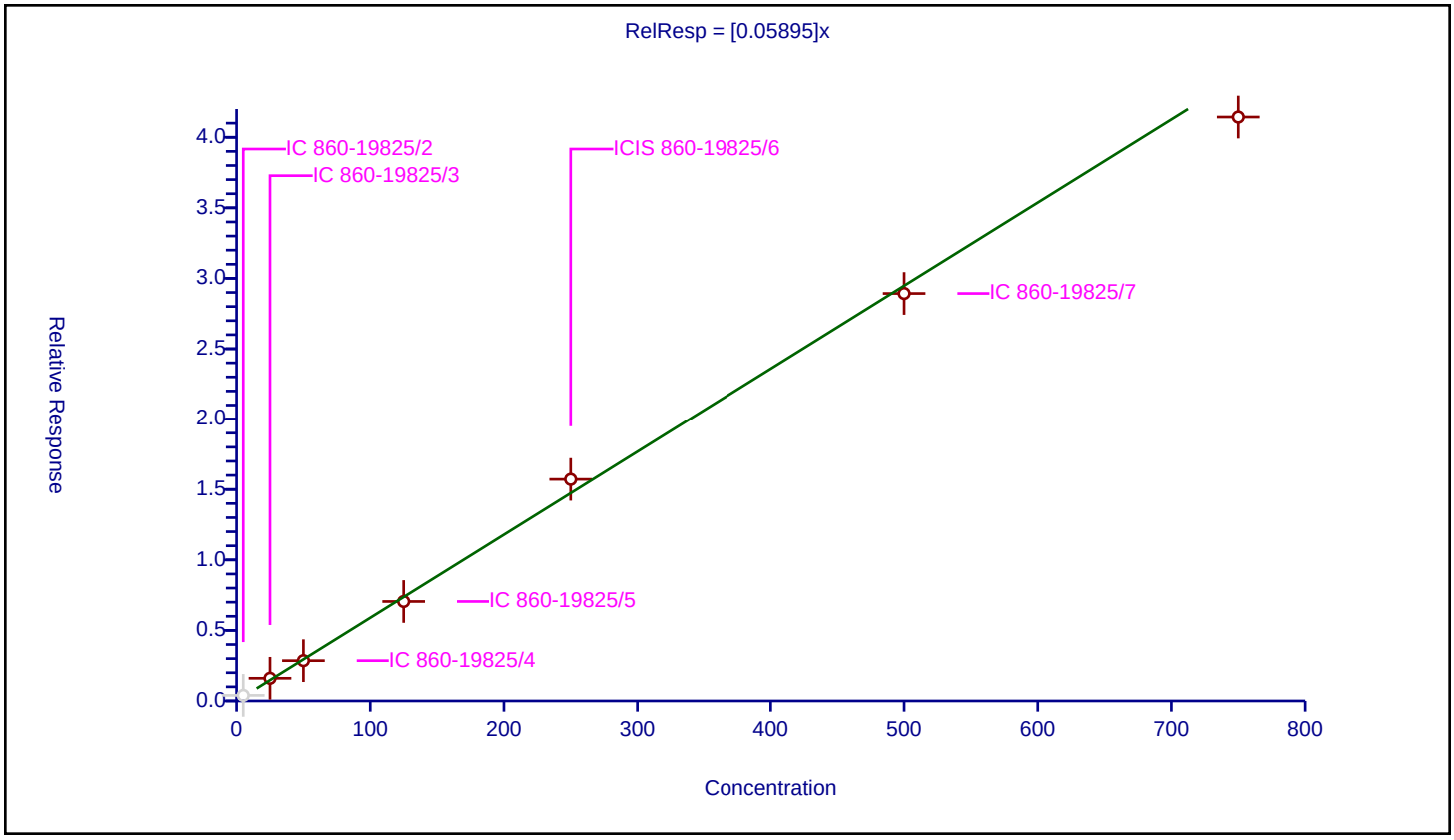
Curve Coefficients

Intercept:	0
Slope:	0.05895

Error Coefficients

Standard Error:	233000
Relative Standard Error:	6.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	5.0	0.395186	50.0	481546.0	0.079037	N
2	IC 860-19825/3	25.0	1.605993	50.0	493682.0	0.06424	Y
3	IC 860-19825/4	50.0	2.855202	50.0	492452.0	0.057104	Y
4	IC 860-19825/5	125.0	7.049527	50.0	492338.0	0.056396	Y
5	ICIS 860-19825/6	250.0	15.71614	50.0	489290.0	0.062865	Y
6	IC 860-19825/7	500.0	28.926977	50.0	478657.0	0.057854	Y
7	IC 860-19825/8	750.0	41.433261	50.0	488955.0	0.055244	Y



Calibration / Iodomethane

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

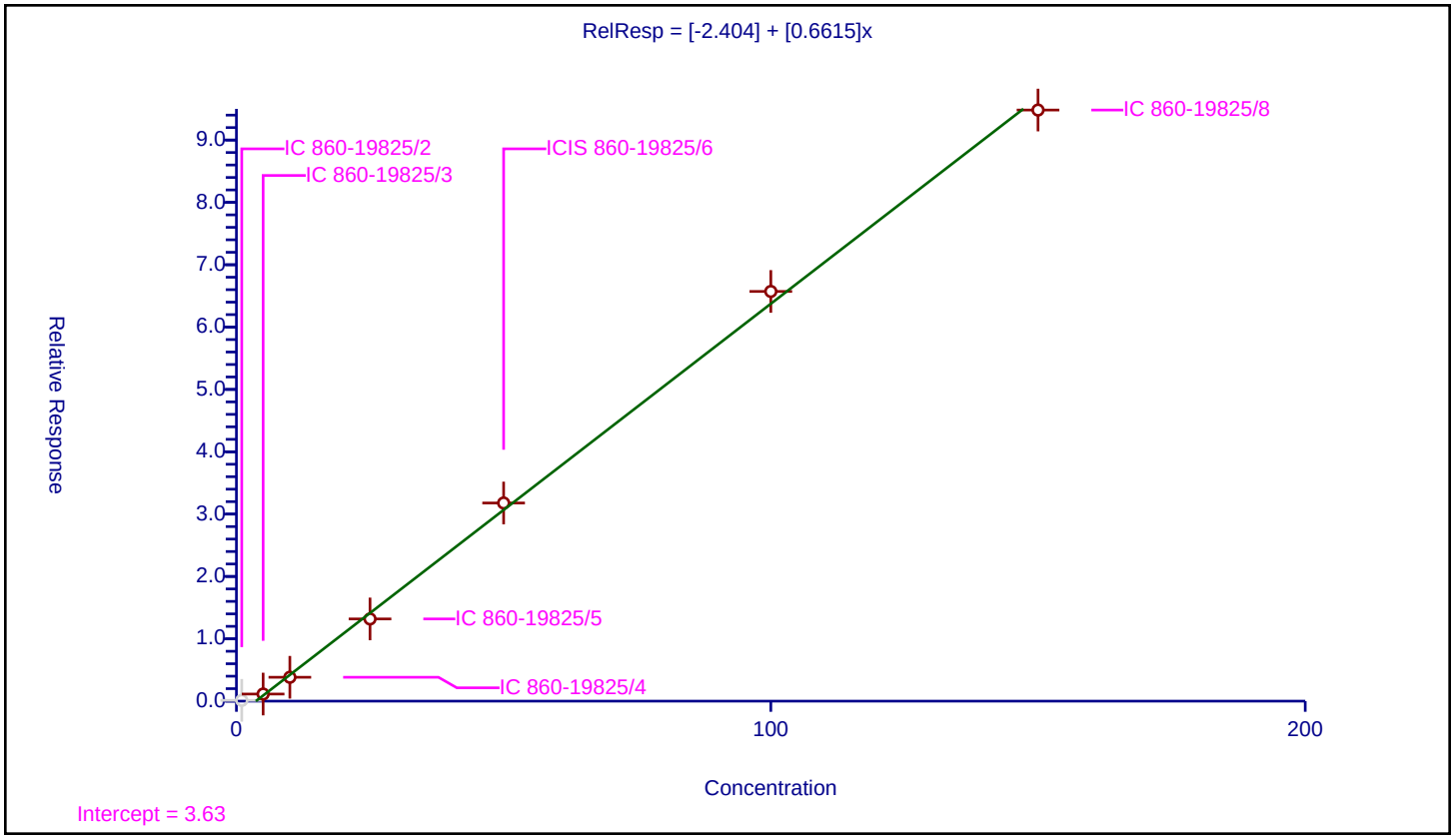
Curve Coefficients

Intercept:	-2.404
Slope:	0.6615

Error Coefficients

Standard Error:	585000
Relative Standard Error:	5.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	0.124703	50.0	481546.0	0.124703	N
2	IC 860-19825/3	5.0	1.1396	50.0	493682.0	0.22792	Y
3	IC 860-19825/4	10.0	3.828089	50.0	492452.0	0.382809	Y
4	IC 860-19825/5	25.0	13.187282	50.0	492338.0	0.527491	Y
5	ICIS 860-19825/6	50.0	31.78432	50.0	489290.0	0.635686	Y
6	IC 860-19825/7	100.0	65.717309	50.0	478657.0	0.657173	Y
7	IC 860-19825/8	150.0	94.814349	50.0	488955.0	0.632096	Y



Calibration / Isopropyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

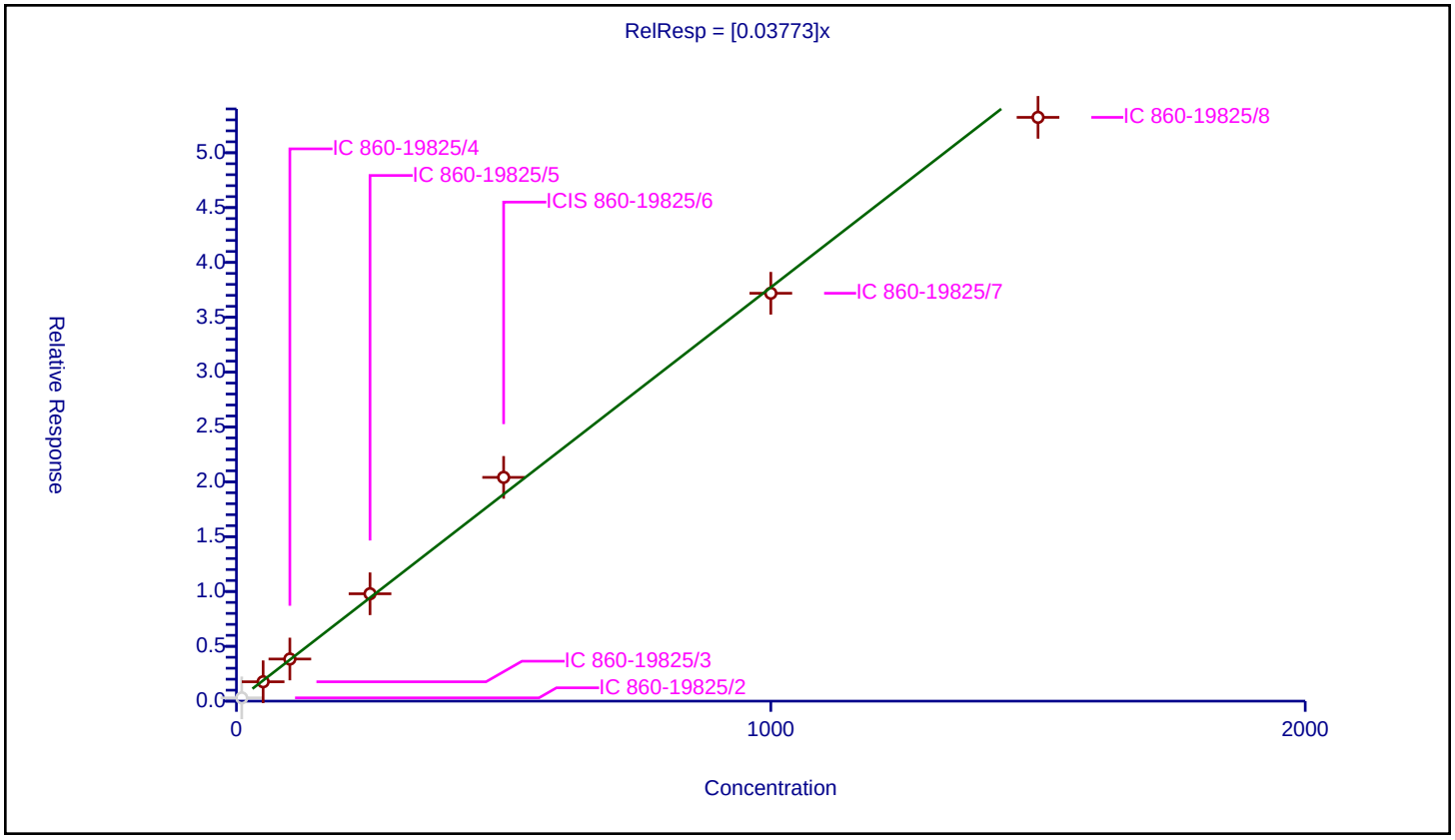
Curve Coefficients

Intercept:	0
Slope:	0.03773

Error Coefficients

Standard Error:	299000
Relative Standard Error:	5.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	10.0	0.300387	50.0	481546.0	0.030039	N
2	IC 860-19825/3	50.0	1.766117	50.0	493682.0	0.035322	Y
3	IC 860-19825/4	100.0	3.84078	50.0	492452.0	0.038408	Y
4	IC 860-19825/5	250.0	9.790936	50.0	492338.0	0.039164	Y
5	ICIS 860-19825/6	500.0	20.402318	50.0	489290.0	0.040805	Y
6	IC 860-19825/7	1000.0	37.191037	50.0	478657.0	0.037191	Y
7	IC 860-19825/8	1500.0	53.227291	50.0	488955.0	0.035485	Y



Calibration / Carbon disulfide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

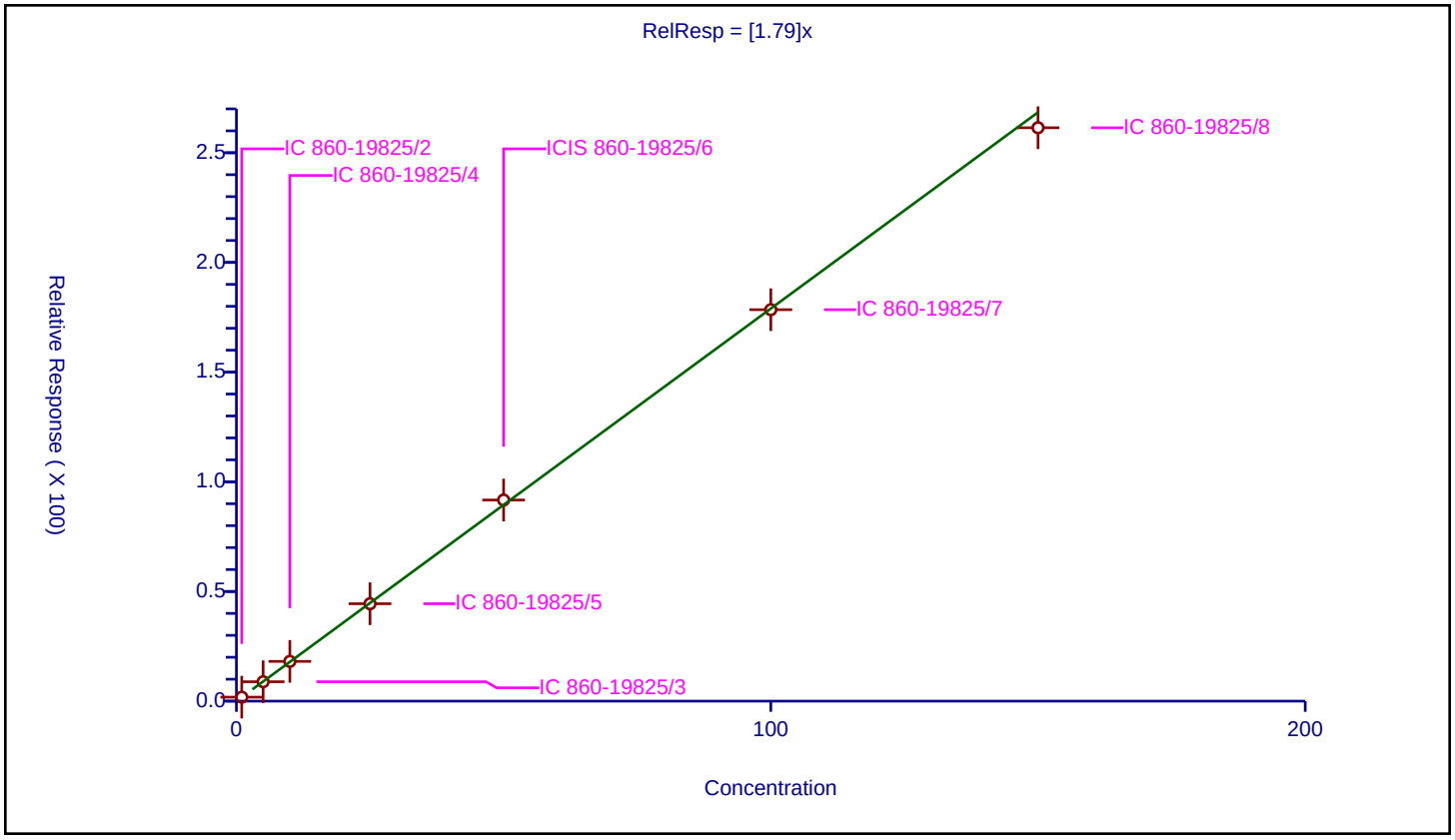
Curve Coefficients

Intercept:	0
Slope:	1.79

Error Coefficients

Standard Error:	1320000
Relative Standard Error:	1.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	1.809381	50.0	481546.0	1.809381	Y
2	IC 860-19825/3	5.0	8.840509	50.0	493682.0	1.768102	Y
3	IC 860-19825/4	10.0	18.121259	50.0	492452.0	1.812126	Y
4	IC 860-19825/5	25.0	44.406587	50.0	492338.0	1.776263	Y
5	ICIS 860-19825/6	50.0	91.694087	50.0	489290.0	1.833882	Y
6	IC 860-19825/7	100.0	178.45921	50.0	478657.0	1.784592	Y
7	IC 860-19825/8	150.0	261.400947	50.0	488955.0	1.742673	Y



Calibration / Acetonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

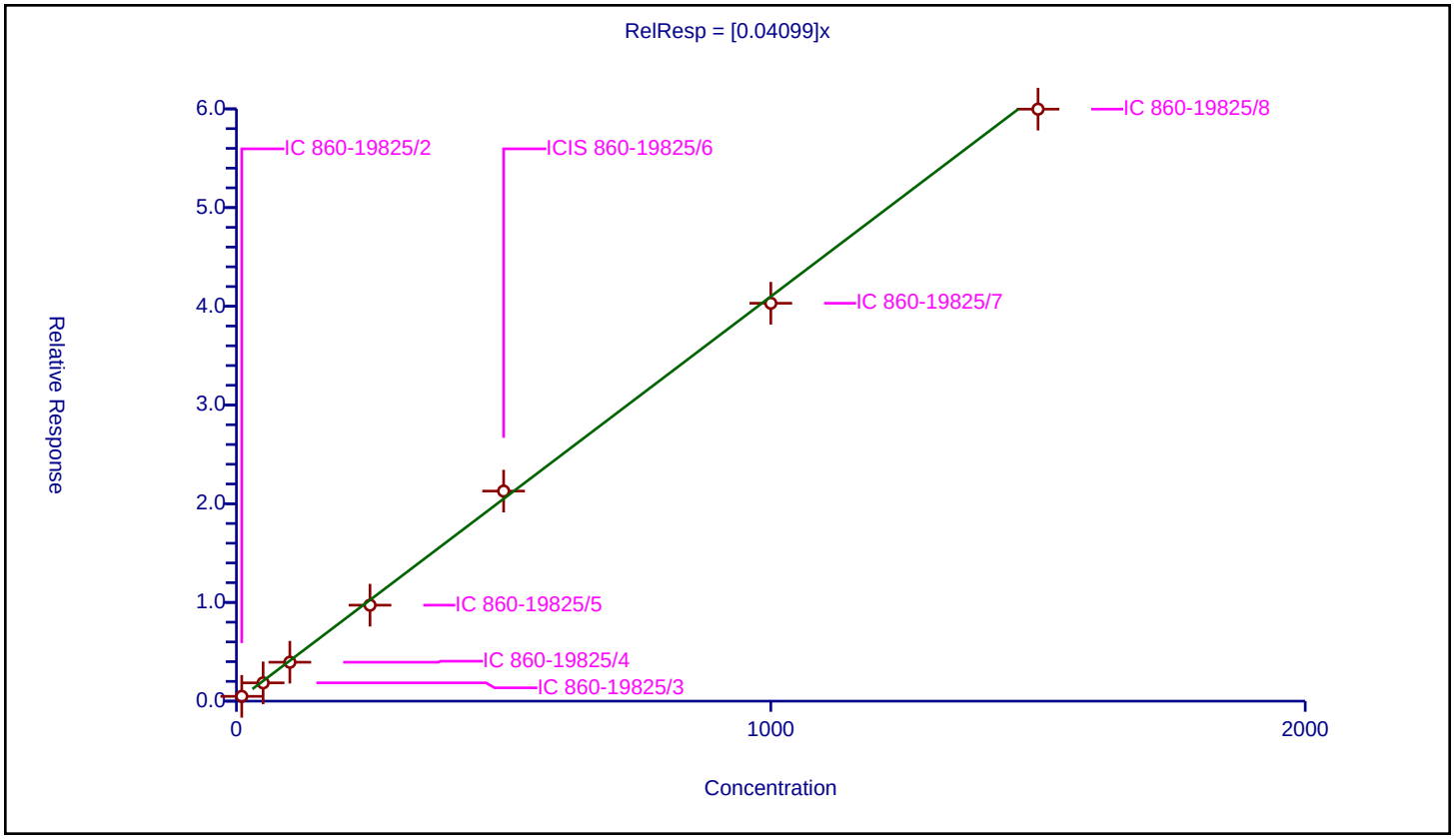
Curve Coefficients

Intercept:	0
Slope:	0.04099

Error Coefficients

Standard Error:	302000
Relative Standard Error:	9.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	10.0	0.487492	50.0	481546.0	0.048749	Y
2	IC 860-19825/3	50.0	1.851495	50.0	493682.0	0.03703	Y
3	IC 860-19825/4	100.0	3.942922	50.0	492452.0	0.039429	Y
4	IC 860-19825/5	250.0	9.723401	50.0	492338.0	0.038894	Y
5	ICIS 860-19825/6	500.0	21.27869	50.0	489290.0	0.042557	Y
6	IC 860-19825/7	1000.0	40.311538	50.0	478657.0	0.040312	Y
7	IC 860-19825/8	1500.0	59.972083	50.0	488955.0	0.039981	Y



Calibration / 3-Chloro-1-propene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

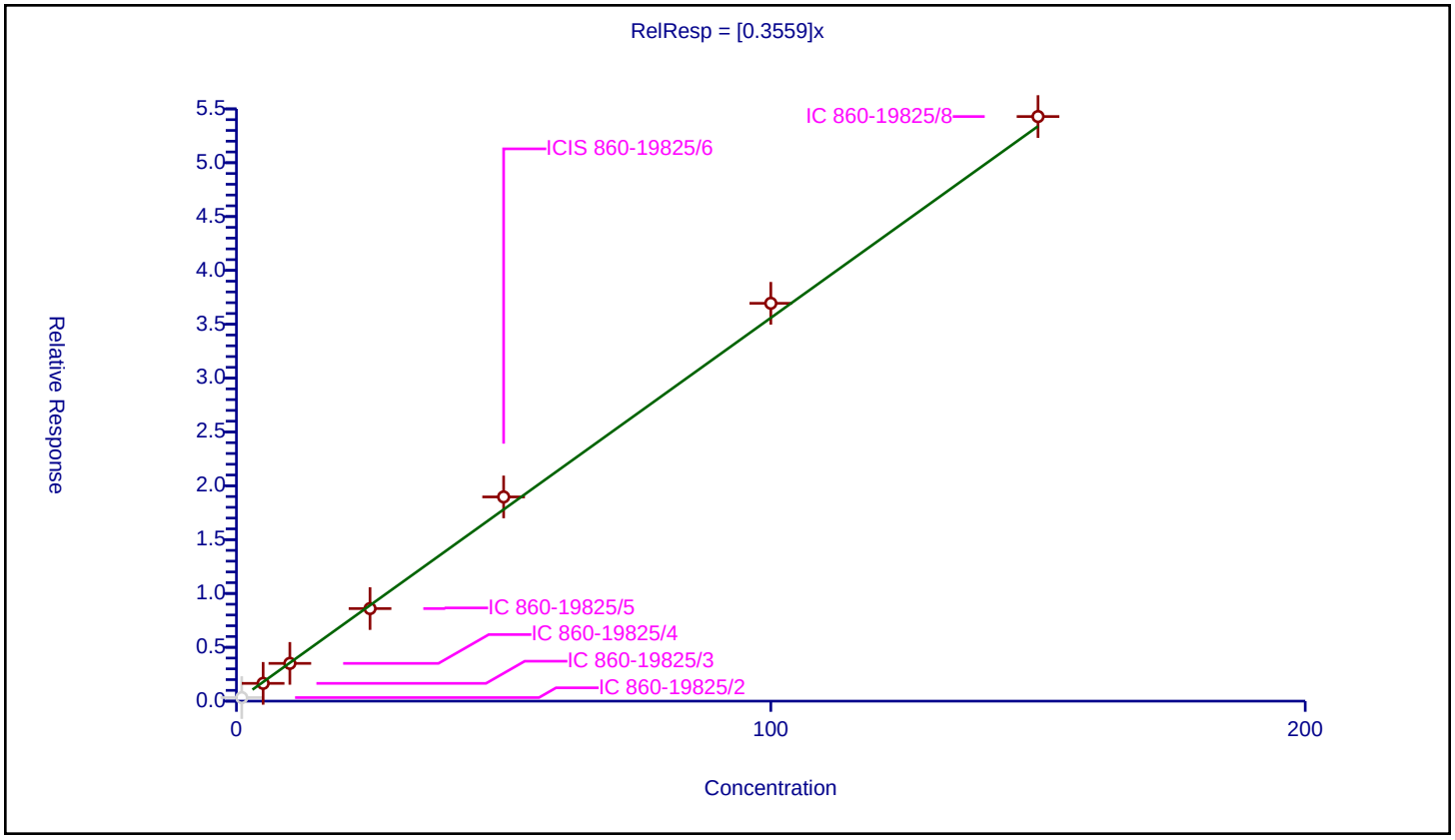
Curve Coefficients

Intercept:	0
Slope:	0.3559

Error Coefficients

Standard Error:	300000
Relative Standard Error:	5.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	0.330083	50.0	481546.0	0.330083	N
2	IC 860-19825/3	5.0	1.651873	50.0	493682.0	0.330375	Y
3	IC 860-19825/4	10.0	3.506636	50.0	492452.0	0.350664	Y
4	IC 860-19825/5	25.0	8.597143	50.0	492338.0	0.343886	Y
5	ICIS 860-19825/6	50.0	18.965746	50.0	489290.0	0.379315	Y
6	IC 860-19825/7	100.0	36.946498	50.0	478657.0	0.369465	Y
7	IC 860-19825/8	150.0	54.289863	50.0	488955.0	0.361932	Y



Calibration / Methyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

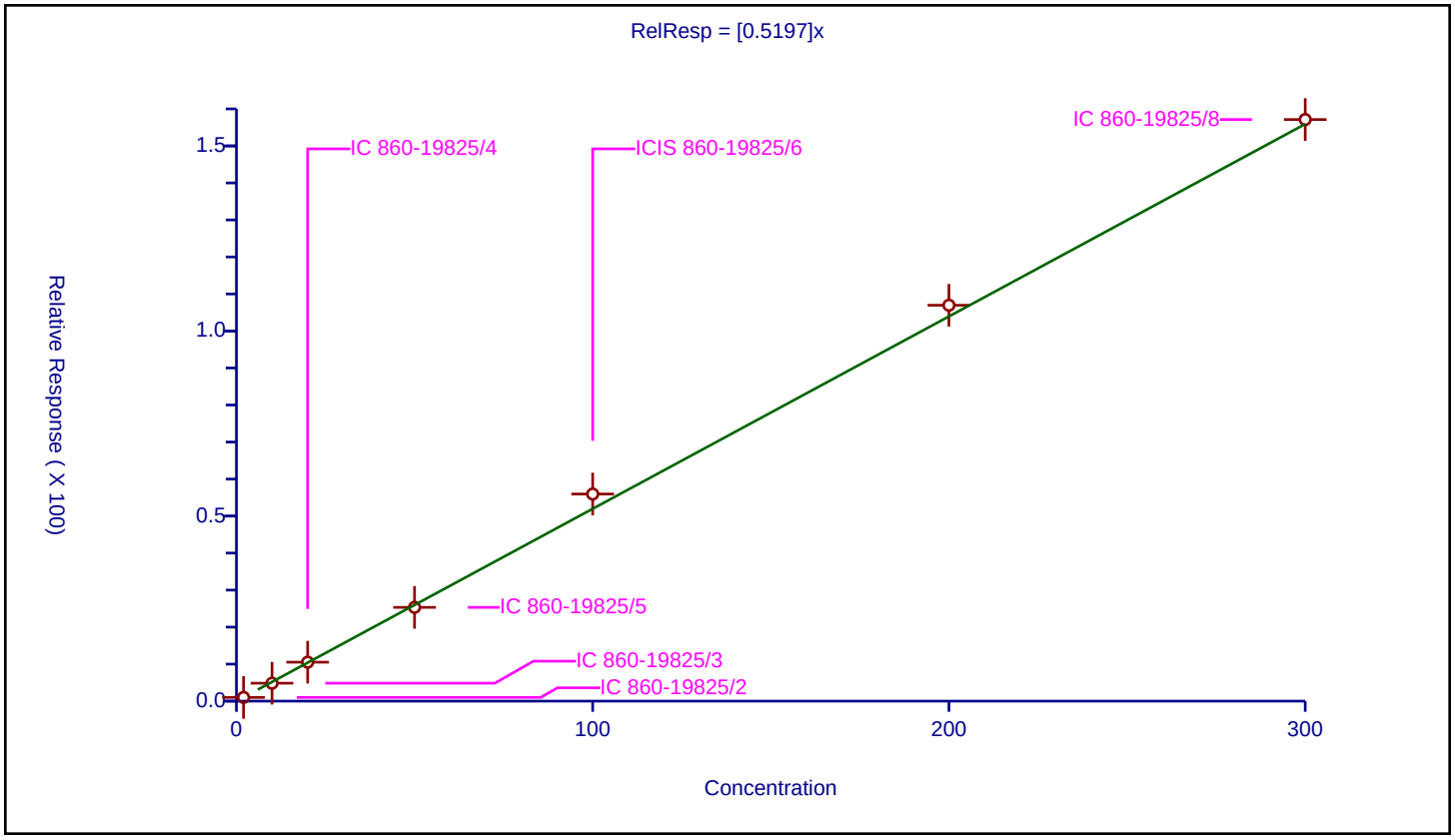
Curve Coefficients

Intercept:	0
Slope:	0.5197

Error Coefficients

Standard Error:	794000
Relative Standard Error:	4.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	2.0	1.004681	50.0	481546.0	0.50234	Y
2	IC 860-19825/3	10.0	4.844211	50.0	493682.0	0.484421	Y
3	IC 860-19825/4	20.0	10.526305	50.0	492452.0	0.526315	Y
4	IC 860-19825/5	50.0	25.331276	50.0	492338.0	0.506626	Y
5	ICIS 860-19825/6	100.0	55.952707	50.0	489290.0	0.559527	Y
6	IC 860-19825/7	200.0	106.958636	50.0	478657.0	0.534793	Y
7	IC 860-19825/8	300.0	157.125298	50.0	488955.0	0.523751	Y



Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

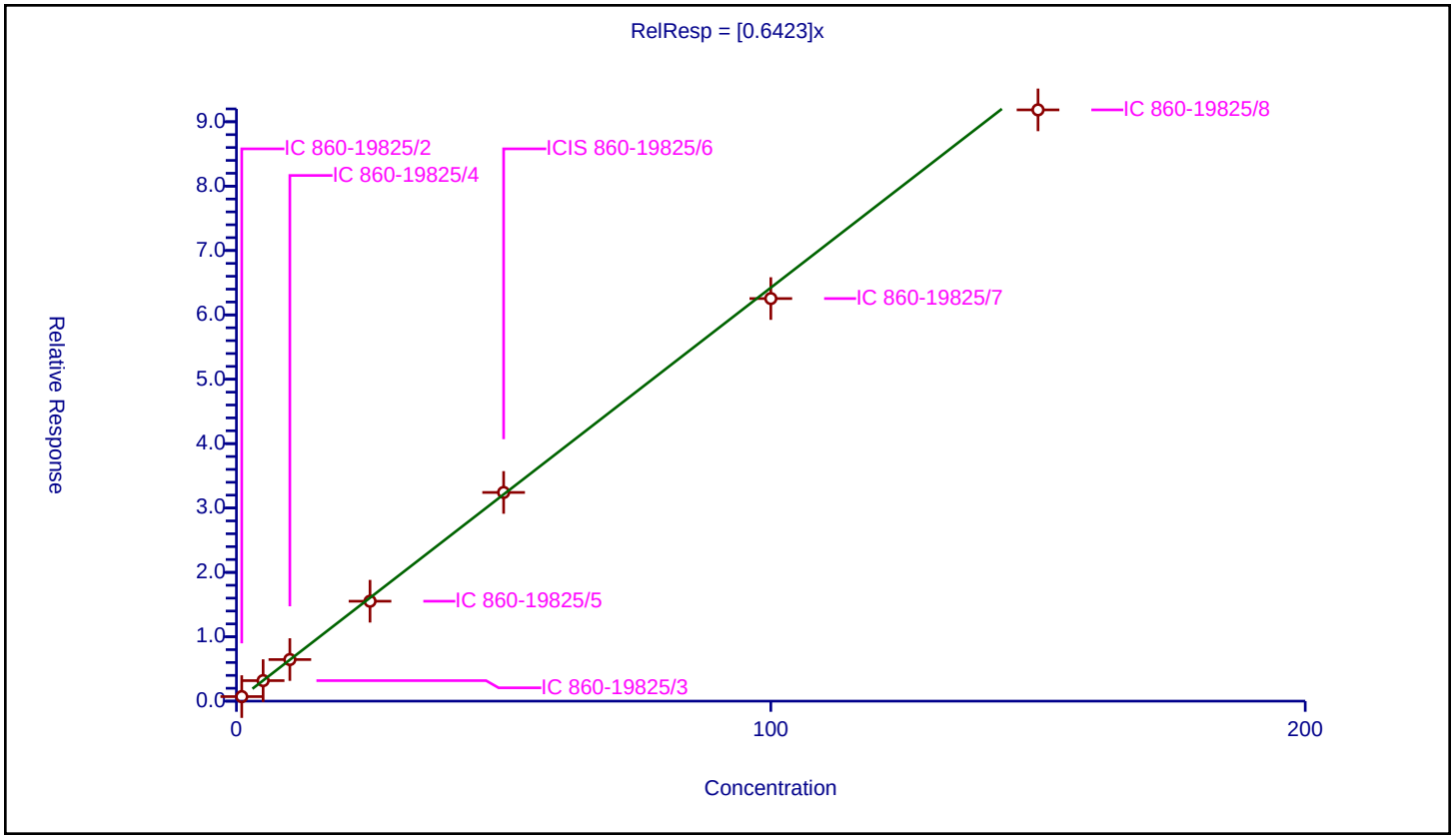
Curve Coefficients

Intercept:	0
Slope:	0.6423

Error Coefficients

Standard Error:	464000
Relative Standard Error:	4.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	0.705229	50.0	481546.0	0.705229	Y
2	IC 860-19825/3	5.0	3.188692	50.0	493682.0	0.637738	Y
3	IC 860-19825/4	10.0	6.460224	50.0	492452.0	0.646022	Y
4	IC 860-19825/5	25.0	15.521552	50.0	492338.0	0.620862	Y
5	ICIS 860-19825/6	50.0	32.418198	50.0	489290.0	0.648364	Y
6	IC 860-19825/7	100.0	62.539146	50.0	478657.0	0.625391	Y
7	IC 860-19825/8	150.0	91.845262	50.0	488955.0	0.612302	Y



Calibration / 2-Methyl-2-propanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

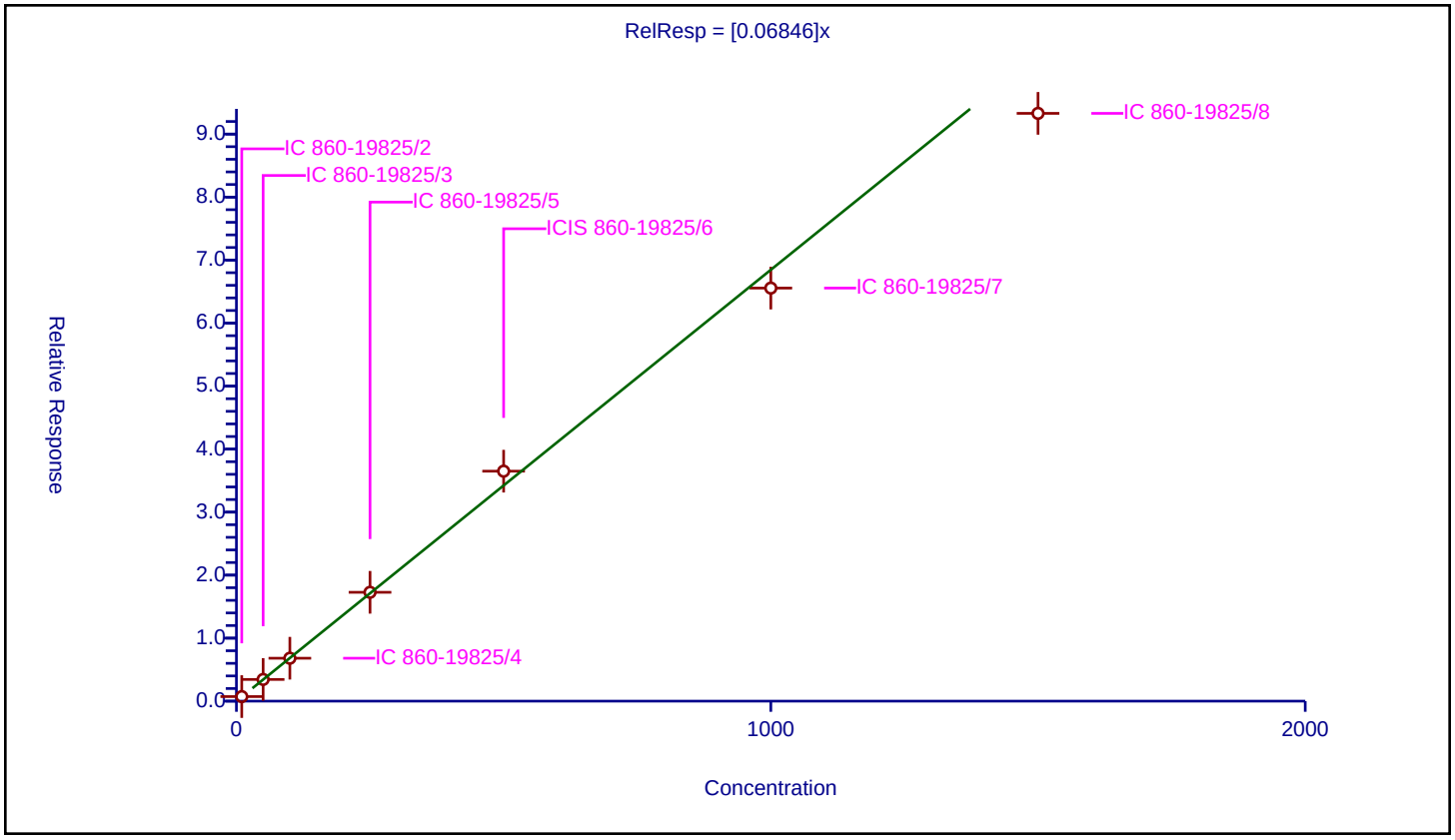
Curve Coefficients

Intercept:	0
Slope:	0.06846

Error Coefficients

Standard Error:	481000
Relative Standard Error:	5.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	10.0	0.723503	50.0	481546.0	0.07235	Y
2	IC 860-19825/3	50.0	3.443614	50.0	493682.0	0.068872	Y
3	IC 860-19825/4	100.0	6.812948	50.0	492452.0	0.068129	Y
4	IC 860-19825/5	250.0	17.273905	50.0	492338.0	0.069096	Y
5	ICIS 860-19825/6	500.0	36.500644	50.0	489290.0	0.073001	Y
6	IC 860-19825/7	1000.0	65.560203	50.0	478657.0	0.06556	Y
7	IC 860-19825/8	1500.0	93.287726	50.0	488955.0	0.062192	Y



Calibration / Acrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

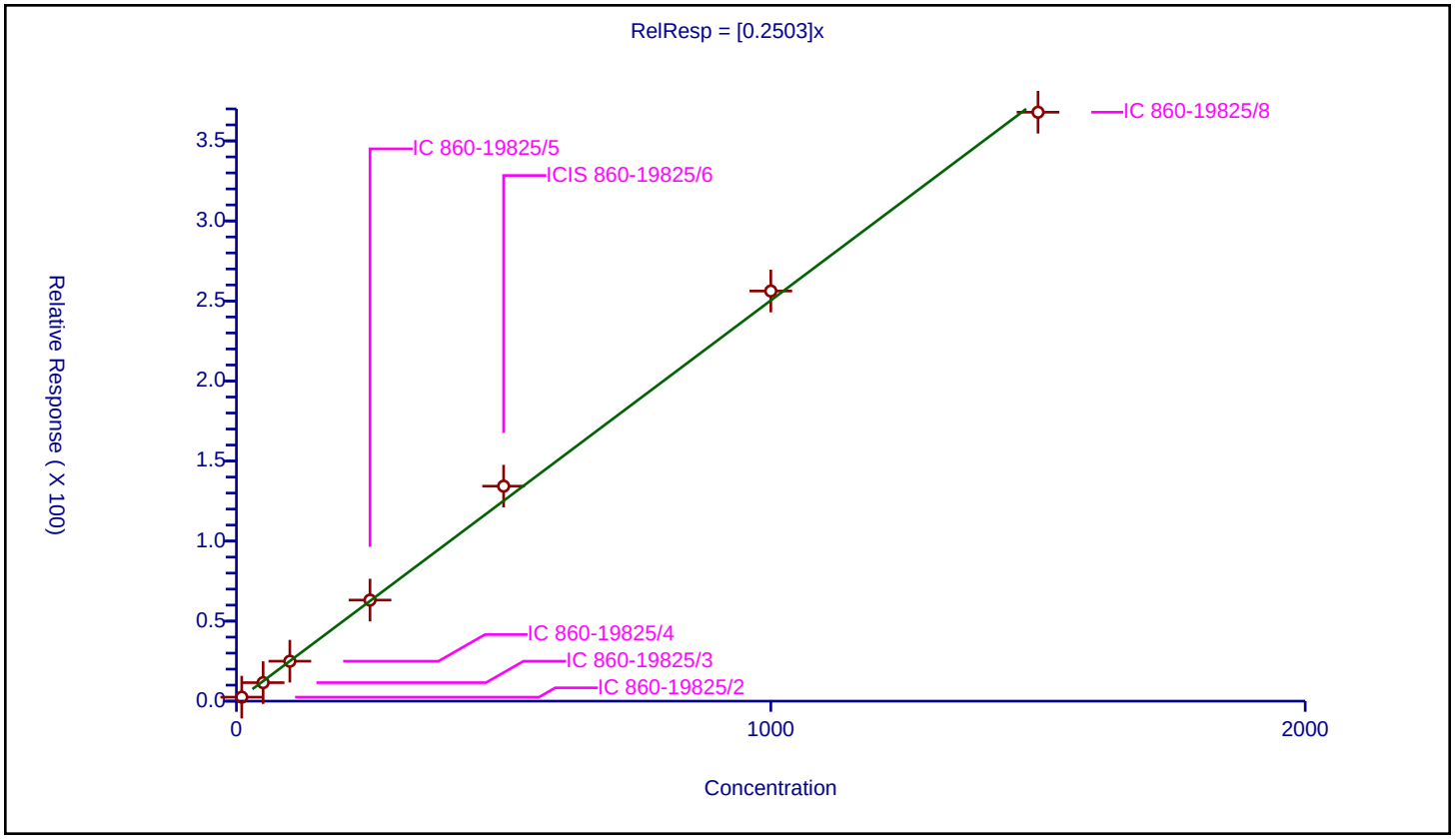
Curve Coefficients

Intercept:	0
Slope:	0.2503

Error Coefficients

Standard Error:	1880000
Relative Standard Error:	4.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	10.0	2.490209	50.0	481546.0	0.249021	Y
2	IC 860-19825/3	50.0	11.562301	50.0	493682.0	0.231246	Y
3	IC 860-19825/4	100.0	24.947812	50.0	492452.0	0.249478	Y
4	IC 860-19825/5	250.0	63.142597	50.0	492338.0	0.25257	Y
5	ICIS 860-19825/6	500.0	134.307364	50.0	489290.0	0.268615	Y
6	IC 860-19825/7	1000.0	256.213531	50.0	478657.0	0.256214	Y
7	IC 860-19825/8	1500.0	367.916373	50.0	488955.0	0.245278	Y



Calibration / trans-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

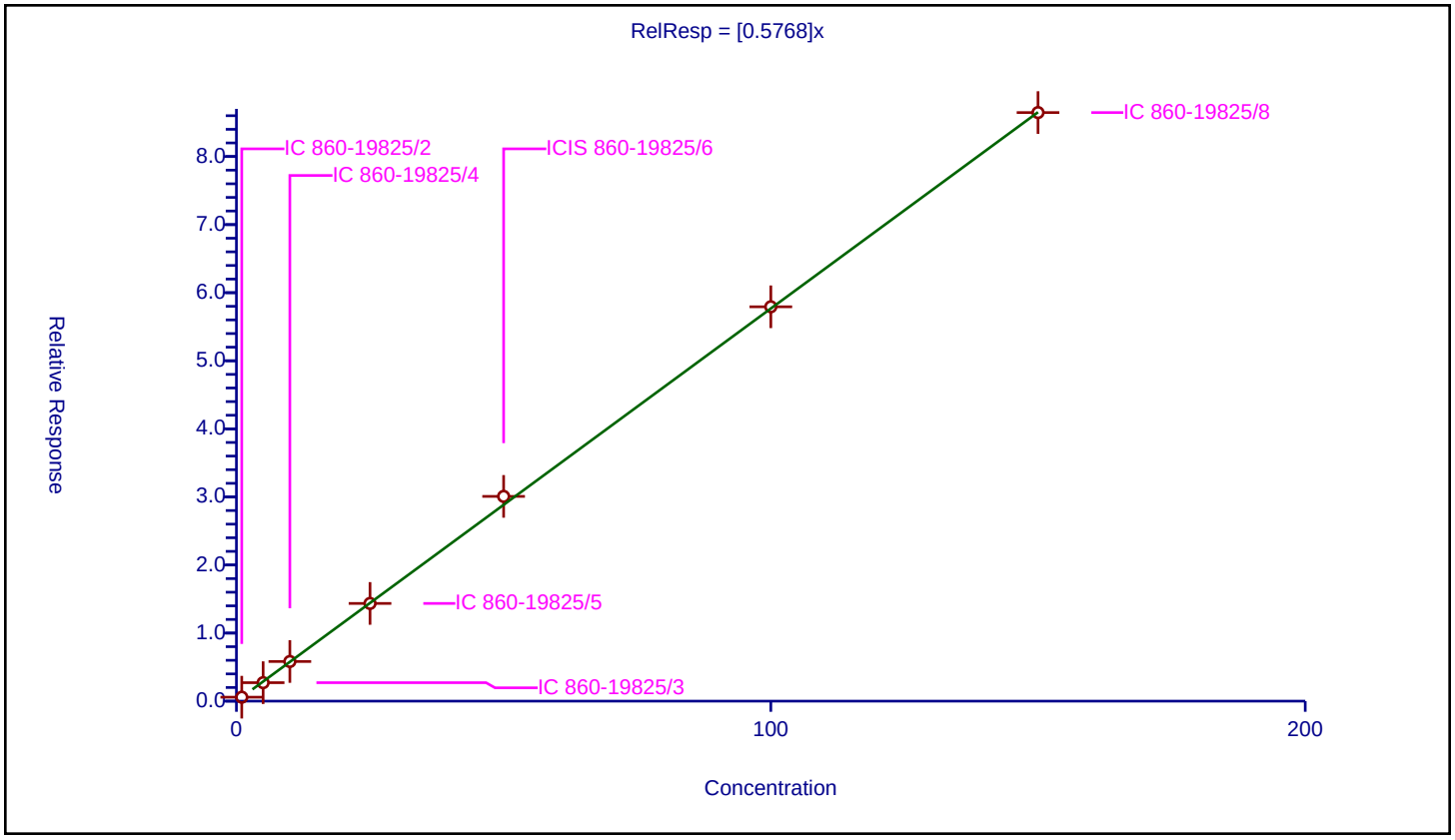
Curve Coefficients

Intercept:	0
Slope:	0.5768

Error Coefficients

Standard Error:	435000
Relative Standard Error:	3.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	0.580838	50.0	481546.0	0.580838	Y
2	IC 860-19825/3	5.0	2.713488	50.0	493682.0	0.542698	Y
3	IC 860-19825/4	10.0	5.824222	50.0	492452.0	0.582422	Y
4	IC 860-19825/5	25.0	14.351929	50.0	492338.0	0.574077	Y
5	ICIS 860-19825/6	50.0	30.077153	50.0	489290.0	0.601543	Y
6	IC 860-19825/7	100.0	57.931776	50.0	478657.0	0.579318	Y
7	IC 860-19825/8	150.0	86.458263	50.0	488955.0	0.576388	Y



Calibration / Methyl tert-butyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

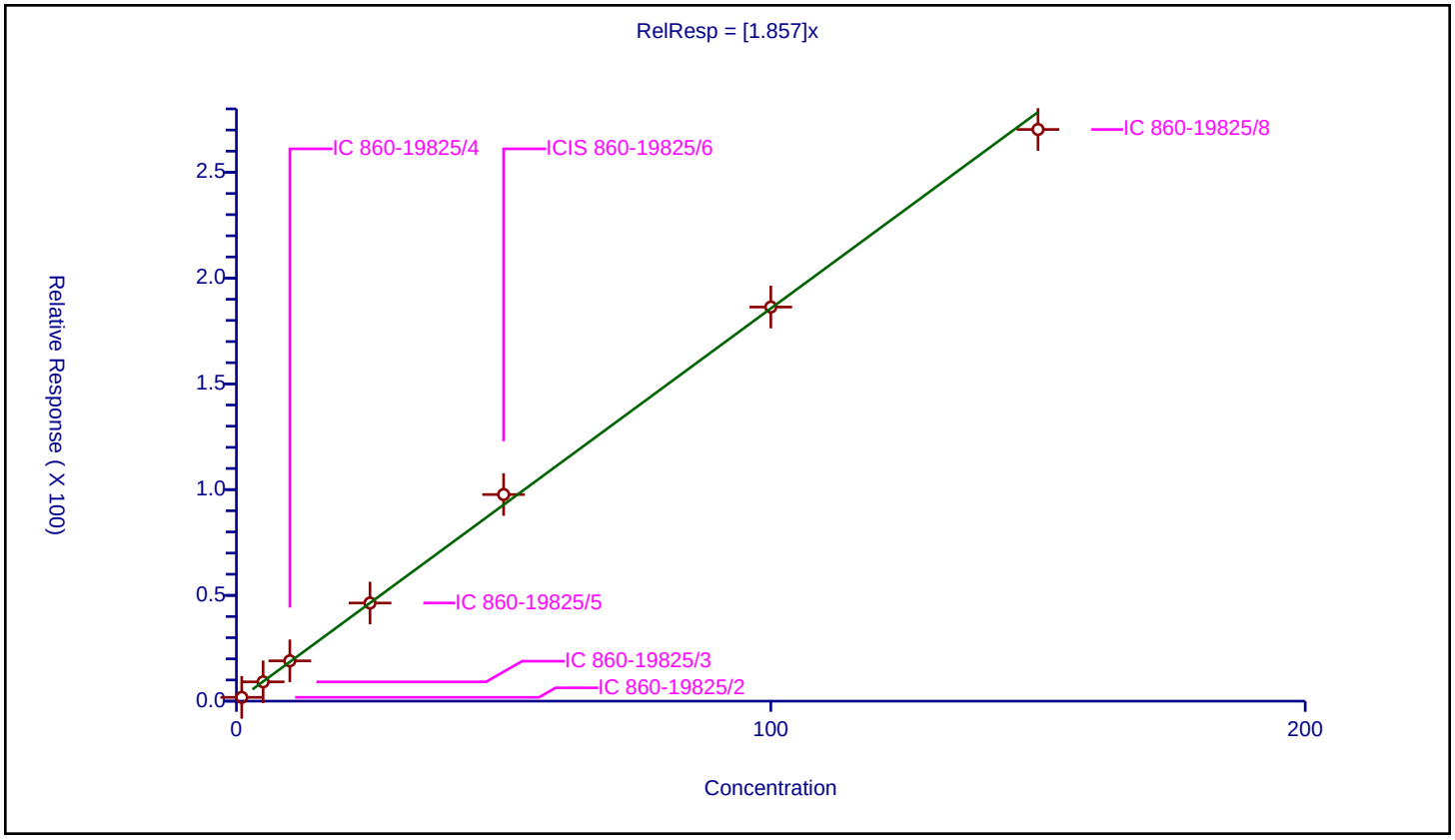
Curve Coefficients

Intercept:	0
Slope:	1.857

Error Coefficients

Standard Error:	1370000
Relative Standard Error:	3.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	1.791937	50.0	481546.0	1.791937	Y
2	IC 860-19825/3	5.0	9.120041	50.0	493682.0	1.824008	Y
3	IC 860-19825/4	10.0	19.056375	50.0	492452.0	1.905638	Y
4	IC 860-19825/5	25.0	46.390793	50.0	492338.0	1.855632	Y
5	ICIS 860-19825/6	50.0	97.679597	50.0	489290.0	1.953592	Y
6	IC 860-19825/7	100.0	186.309925	50.0	478657.0	1.863099	Y
7	IC 860-19825/8	150.0	270.269861	50.0	488955.0	1.801799	Y



Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

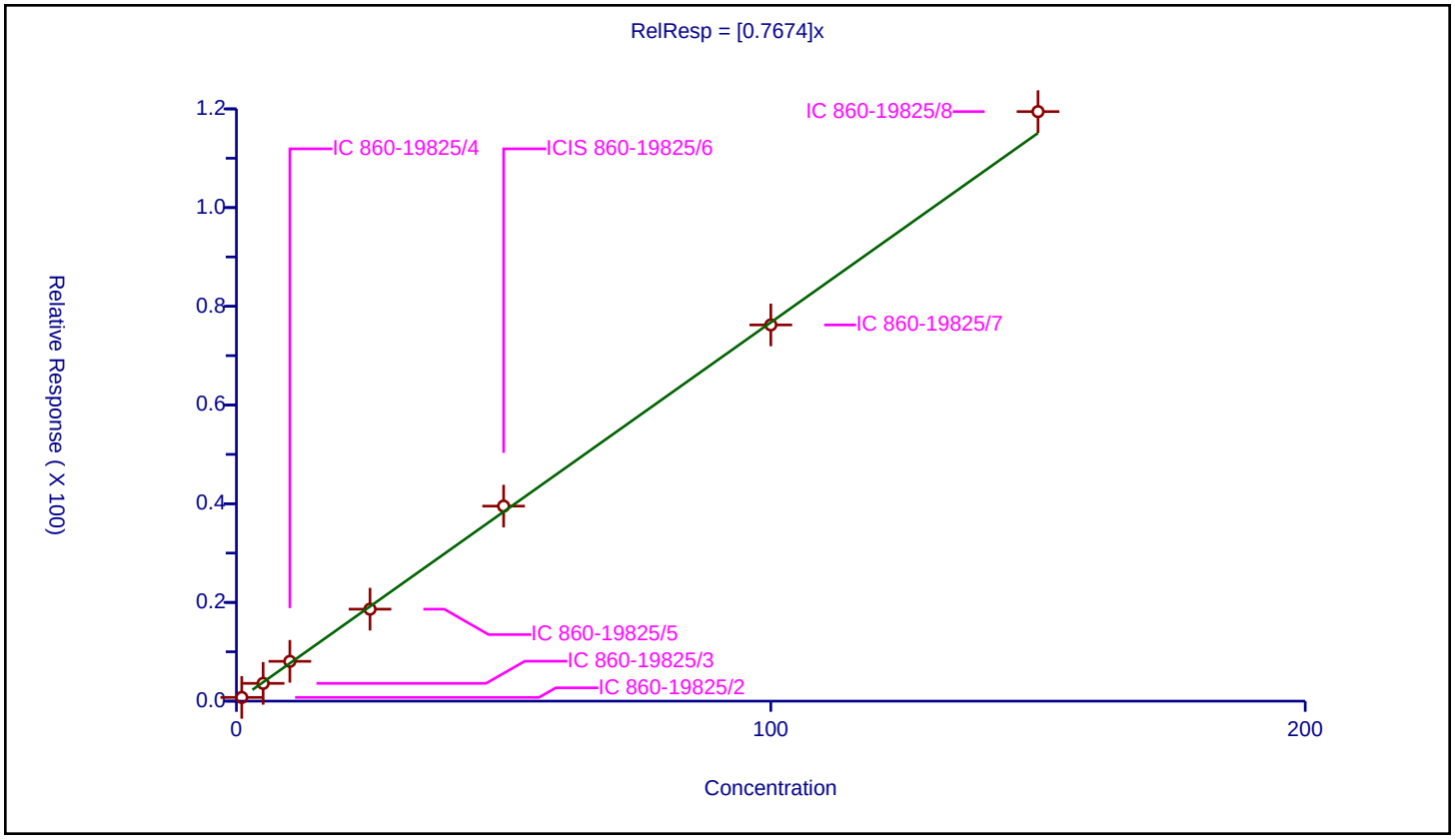
Curve Coefficients

Intercept:	0
Slope:	0.7674

Error Coefficients

Standard Error:	590000
Relative Standard Error:	4.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	0.750811	50.0	481546.0	0.750811	Y
2	IC 860-19825/3	5.0	3.6008	50.0	493682.0	0.72016	Y
3	IC 860-19825/4	10.0	8.063527	50.0	492452.0	0.806353	Y
4	IC 860-19825/5	25.0	18.637095	50.0	492338.0	0.745484	Y
5	ICIS 860-19825/6	50.0	39.51869	50.0	489290.0	0.790374	Y
6	IC 860-19825/7	100.0	76.229847	50.0	478657.0	0.762298	Y
7	IC 860-19825/8	150.0	119.45179	50.0	488955.0	0.796345	Y



Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

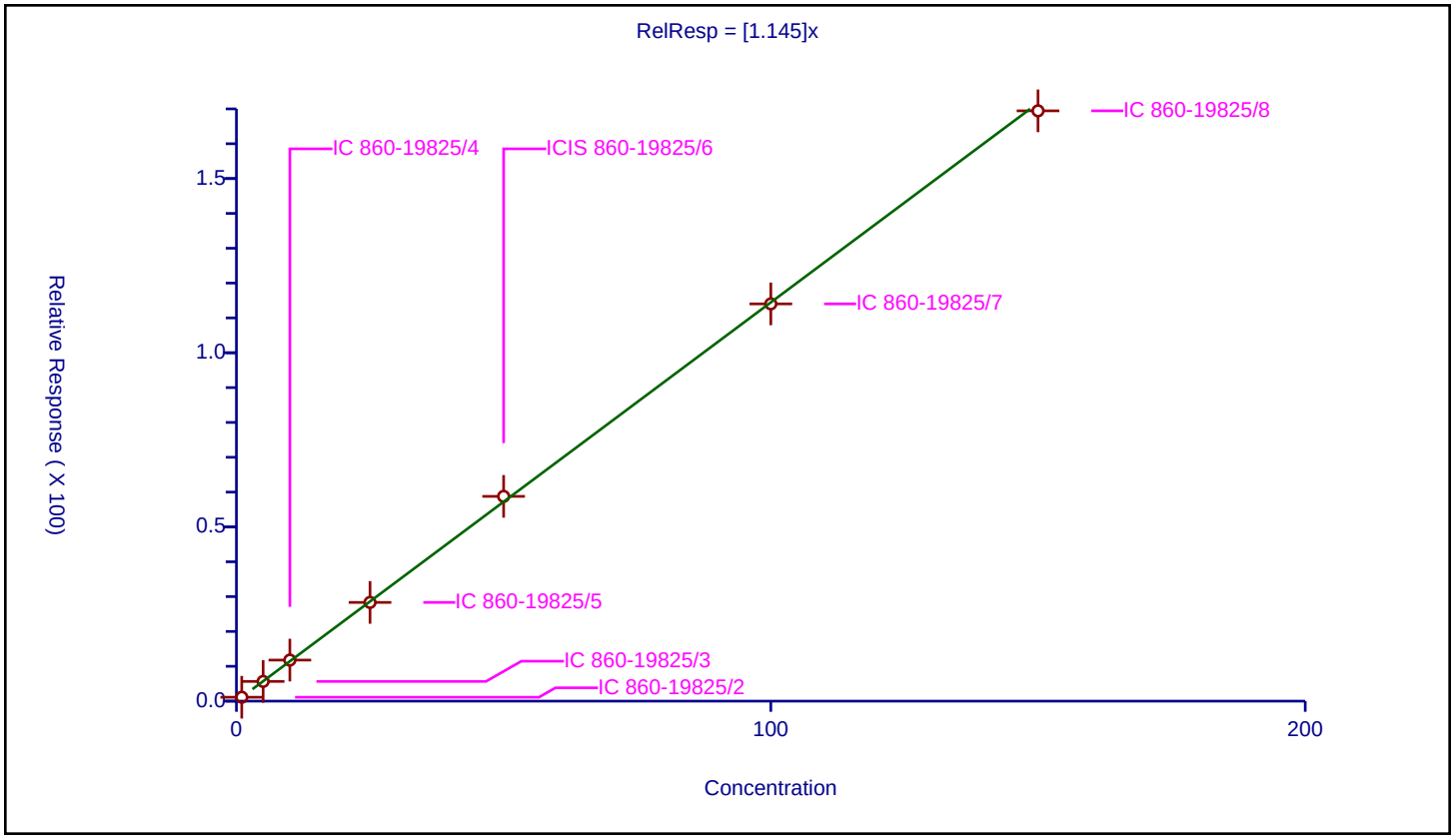
Curve Coefficients

Intercept:	0
Slope:	1.145

Error Coefficients

Standard Error:	853000
Relative Standard Error:	2.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	1.122323	50.0	481546.0	1.122323	Y
2	IC 860-19825/3	5.0	5.660223	50.0	493682.0	1.132045	Y
3	IC 860-19825/4	10.0	11.785006	50.0	492452.0	1.178501	Y
4	IC 860-19825/5	25.0	28.332975	50.0	492338.0	1.133319	Y
5	ICIS 860-19825/6	50.0	58.776595	50.0	489290.0	1.175532	Y
6	IC 860-19825/7	100.0	114.033431	50.0	478657.0	1.140334	Y
7	IC 860-19825/8	150.0	169.443303	50.0	488955.0	1.129622	Y



Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

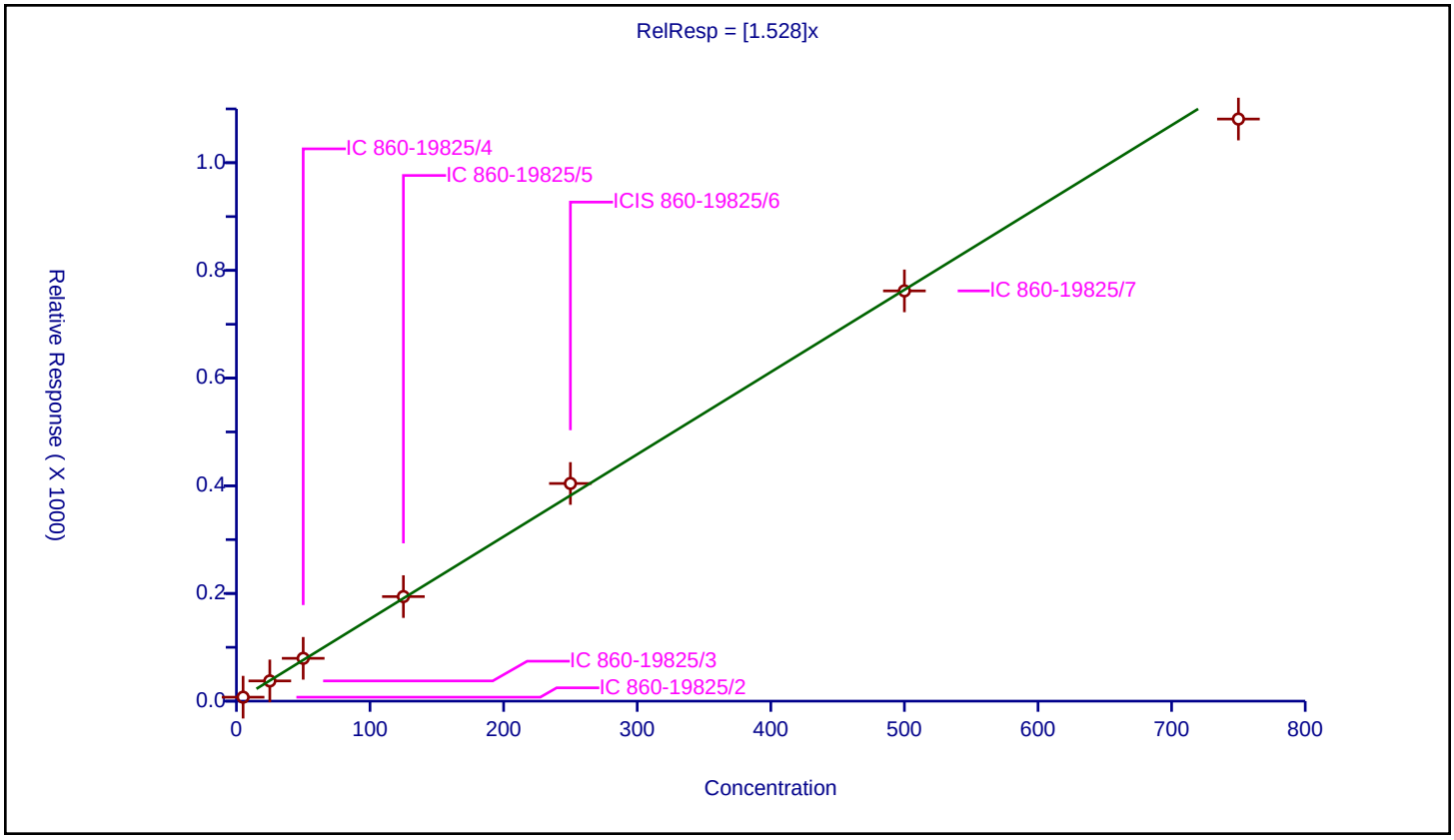
Curve Coefficients

Intercept:	0
Slope:	1.528

Error Coefficients

Standard Error:	5550000
Relative Standard Error:	4.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	5.0	7.339693	50.0	481546.0	1.467939	Y
2	IC 860-19825/3	25.0	37.546234	50.0	493682.0	1.501849	Y
3	IC 860-19825/4	50.0	79.512826	50.0	492452.0	1.590257	Y
4	IC 860-19825/5	125.0	194.174124	50.0	492338.0	1.553393	Y
5	ICIS 860-19825/6	250.0	404.291014	50.0	489290.0	1.617164	Y
6	IC 860-19825/7	500.0	761.984991	50.0	478657.0	1.52397	Y
7	IC 860-19825/8	750.0	1081.167797	50.0	488955.0	1.441557	Y



Calibration / Isopropyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

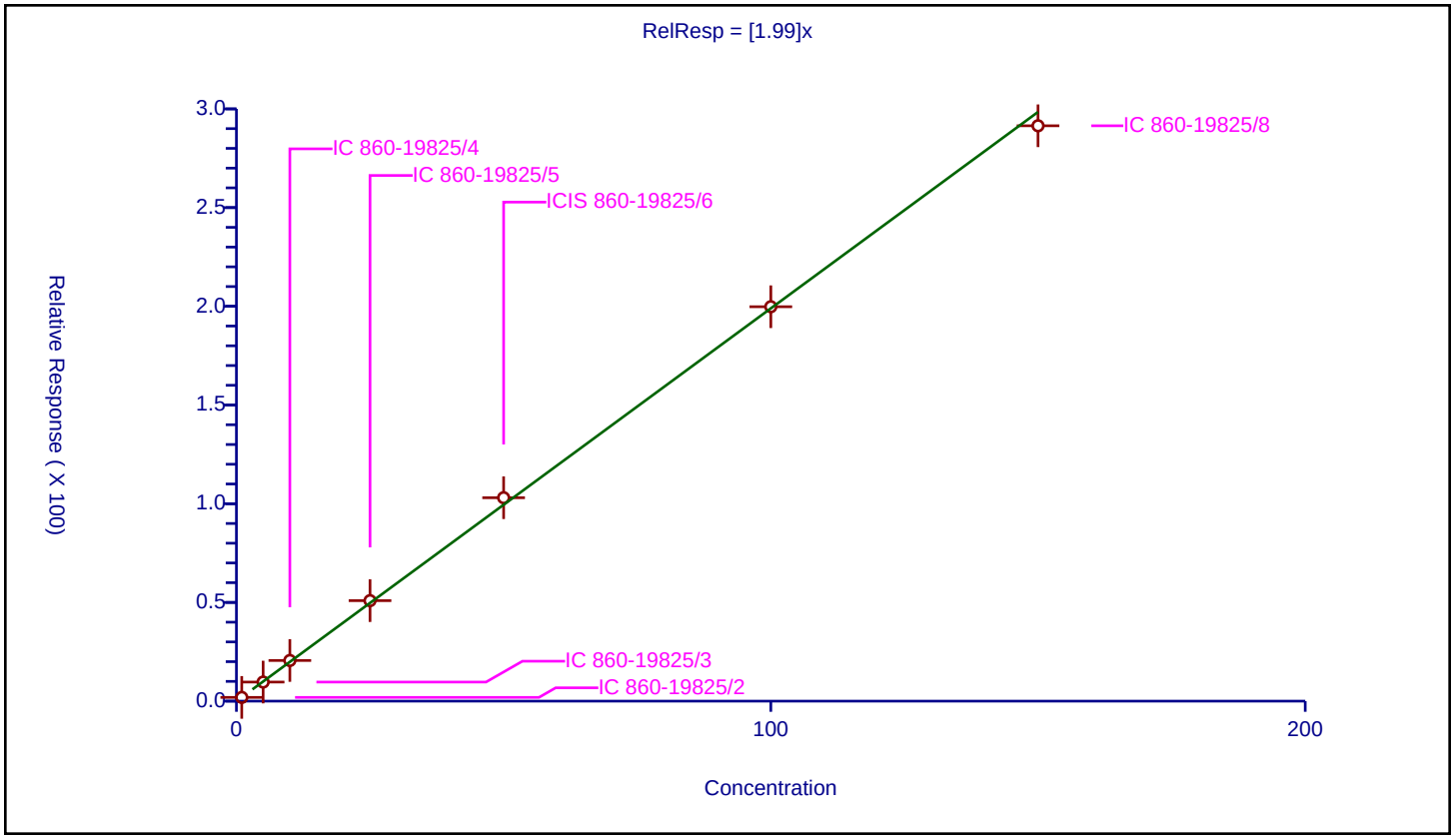
Curve Coefficients

Intercept:	0
Slope:	1.99

Error Coefficients

Standard Error:	1480000
Relative Standard Error:	3.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	1.894523	50.0	481546.0	1.894523	Y
2	IC 860-19825/3	5.0	9.672319	50.0	493682.0	1.934464	Y
3	IC 860-19825/4	10.0	20.600383	50.0	492452.0	2.060038	Y
4	IC 860-19825/5	25.0	50.904866	50.0	492338.0	2.036195	Y
5	ICIS 860-19825/6	50.0	103.034295	50.0	489290.0	2.060686	Y
6	IC 860-19825/7	100.0	199.792962	50.0	478657.0	1.99793	Y
7	IC 860-19825/8	150.0	291.440828	50.0	488955.0	1.942939	Y



Calibration / 2-Chloro-1,3-butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

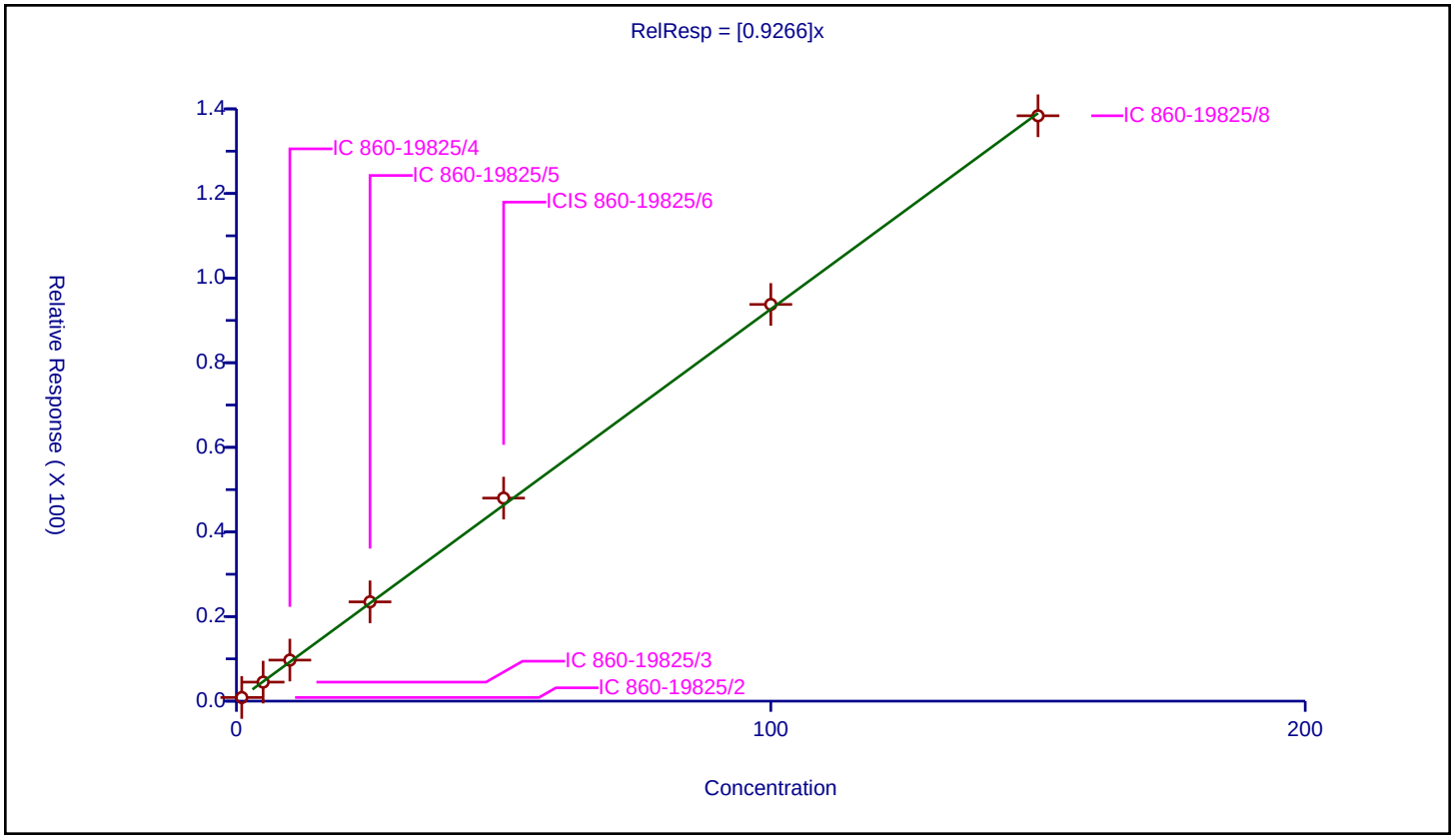
Curve Coefficients

Intercept:	0
Slope:	0.9266

Error Coefficients

Standard Error:	698000
Relative Standard Error:	4.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	0.85672	50.0	481546.0	0.85672	Y
2	IC 860-19825/3	5.0	4.500468	50.0	493682.0	0.900094	Y
3	IC 860-19825/4	10.0	9.707139	50.0	492452.0	0.970714	Y
4	IC 860-19825/5	25.0	23.468633	50.0	492338.0	0.938745	Y
5	ICIS 860-19825/6	50.0	47.994952	50.0	489290.0	0.959899	Y
6	IC 860-19825/7	100.0	93.771949	50.0	478657.0	0.937719	Y
7	IC 860-19825/8	150.0	138.374493	50.0	488955.0	0.922497	Y



Calibration / Tert-butyl ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

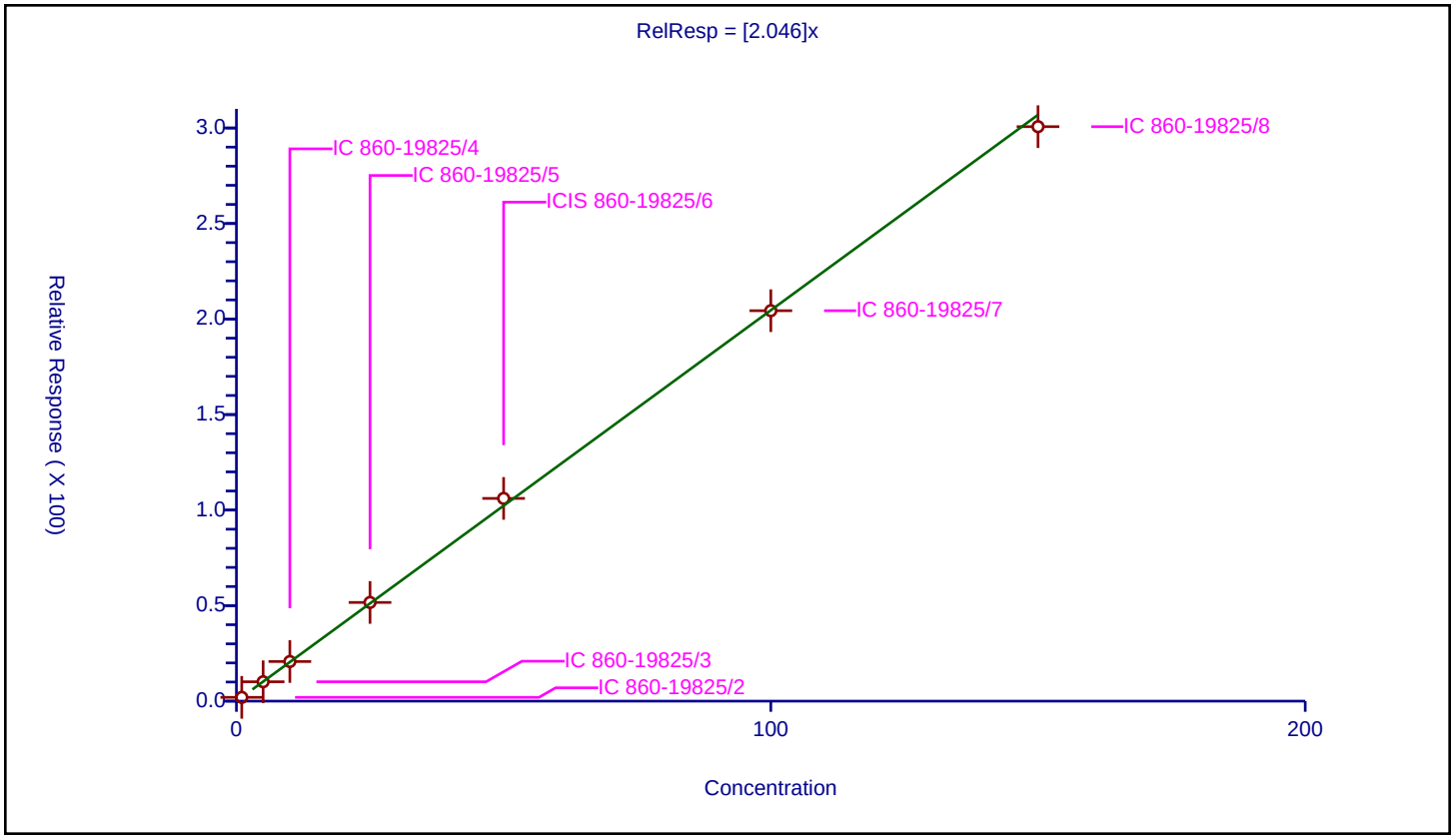
Curve Coefficients

Intercept:	0
Slope:	2.046

Error Coefficients

Standard Error:	1520000
Relative Standard Error:	2.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	1.980911	50.0	481546.0	1.980911	Y
2	IC 860-19825/3	5.0	10.147322	50.0	493682.0	2.029464	Y
3	IC 860-19825/4	10.0	20.734914	50.0	492452.0	2.073491	Y
4	IC 860-19825/5	25.0	51.661968	50.0	492338.0	2.066479	Y
5	ICIS 860-19825/6	50.0	106.117538	50.0	489290.0	2.122351	Y
6	IC 860-19825/7	100.0	204.368786	50.0	478657.0	2.043688	Y
7	IC 860-19825/8	150.0	300.701701	50.0	488955.0	2.004678	Y



Calibration / cis-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

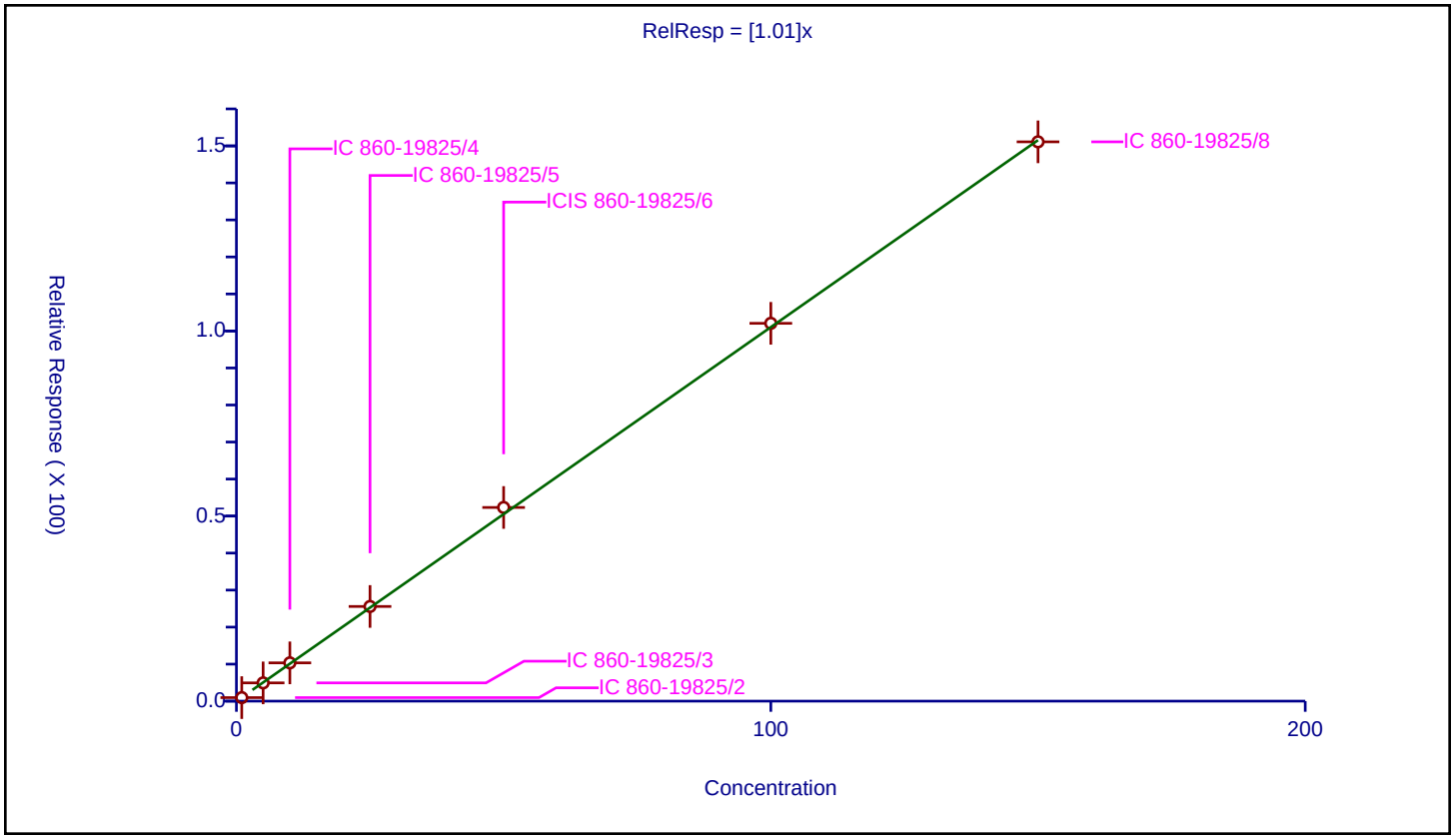
Curve Coefficients

Intercept:	0
Slope:	1.01

Error Coefficients

Standard Error:	761000
Relative Standard Error:	3.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	0.954634	50.0	481546.0	0.954634	Y
2	IC 860-19825/3	5.0	4.929692	50.0	493682.0	0.985938	Y
3	IC 860-19825/4	10.0	10.343039	50.0	492452.0	1.034304	Y
4	IC 860-19825/5	25.0	25.576738	50.0	492338.0	1.02307	Y
5	ICIS 860-19825/6	50.0	52.324491	50.0	489290.0	1.04649	Y
6	IC 860-19825/7	100.0	102.071734	50.0	478657.0	1.020717	Y
7	IC 860-19825/8	150.0	151.101431	50.0	488955.0	1.007343	Y



Calibration / 2,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

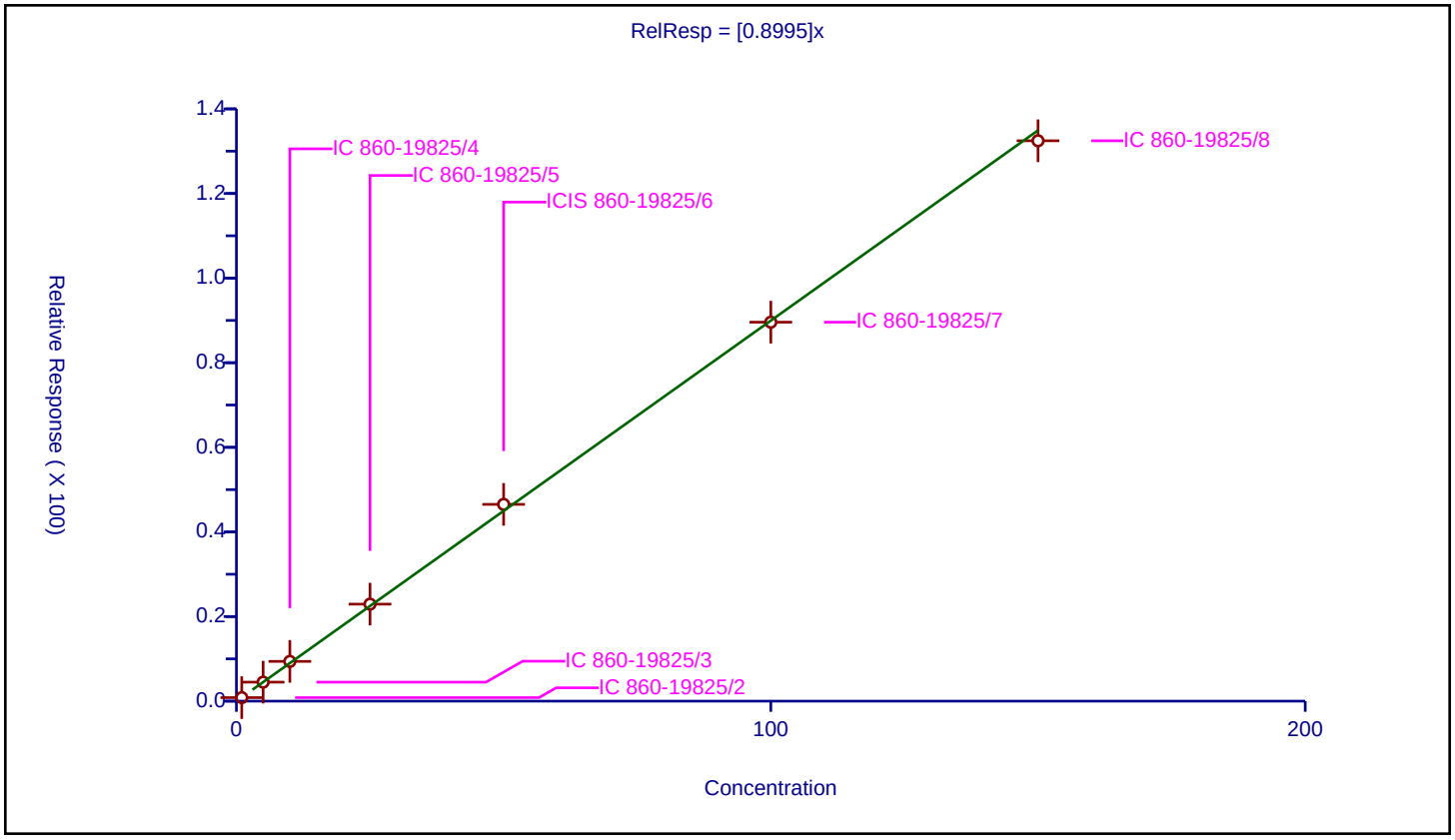
Curve Coefficients

Intercept:	0
Slope:	0.8995

Error Coefficients

Standard Error:	669000
Relative Standard Error:	4.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	0.832215	50.0	481546.0	0.832215	Y
2	IC 860-19825/3	5.0	4.490036	50.0	493682.0	0.898007	Y
3	IC 860-19825/4	10.0	9.39452	50.0	492452.0	0.939452	Y
4	IC 860-19825/5	25.0	22.935666	50.0	492338.0	0.917427	Y
5	ICIS 860-19825/6	50.0	46.515052	50.0	489290.0	0.930301	Y
6	IC 860-19825/7	100.0	89.581161	50.0	478657.0	0.895812	Y
7	IC 860-19825/8	150.0	132.46628	50.0	488955.0	0.883109	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

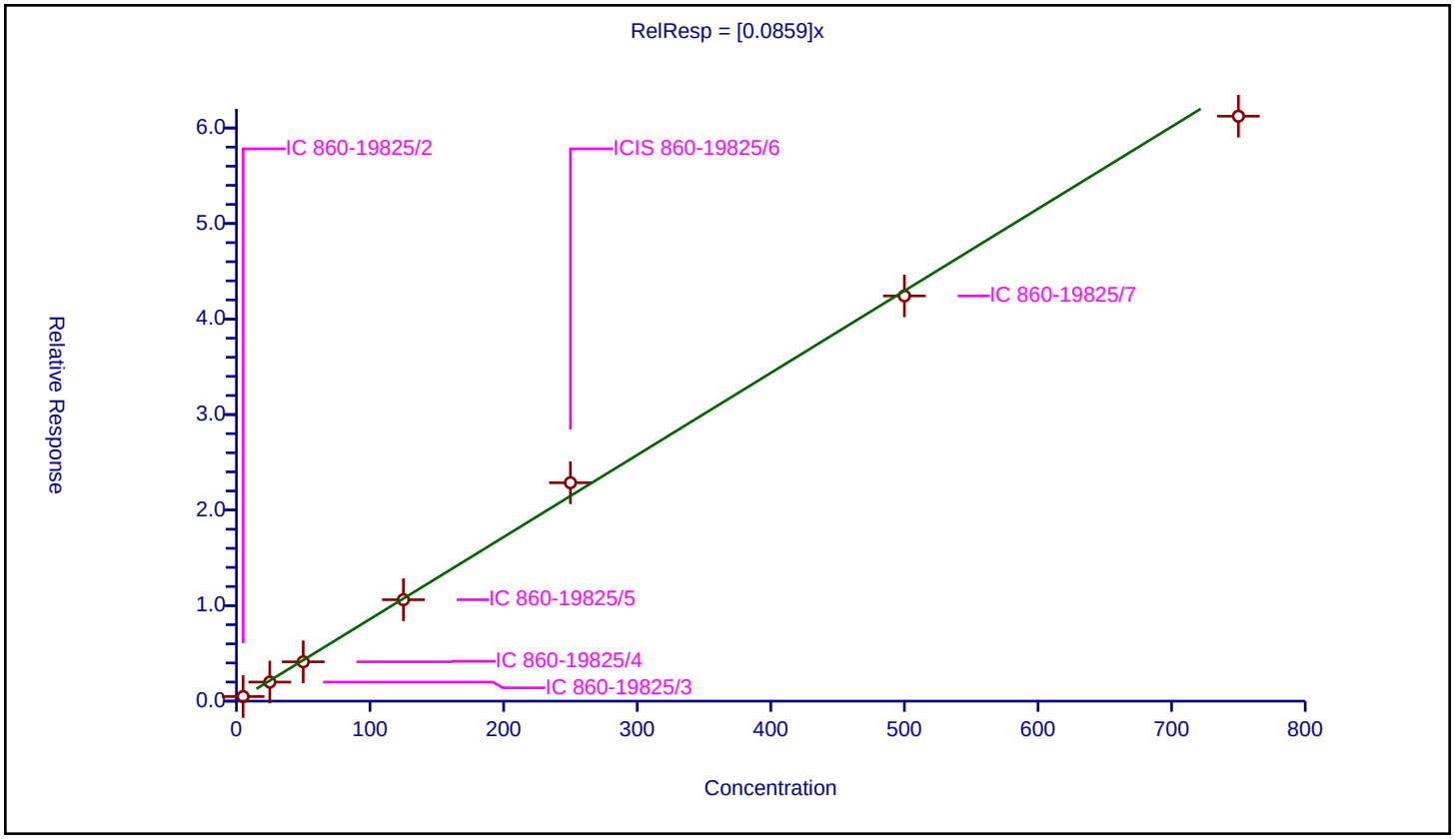
Curve Coefficients

Intercept:	0
Slope:	0.0859

Error Coefficients

Standard Error:	313000
Relative Standard Error:	6.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	5.0	0.481262	50.0	481546.0	0.096252	Y
2	IC 860-19825/3	25.0	1.996427	50.0	493682.0	0.079857	Y
3	IC 860-19825/4	50.0	4.116036	50.0	492452.0	0.082321	Y
4	IC 860-19825/5	125.0	10.617299	50.0	492338.0	0.084938	Y
5	ICIS 860-19825/6	250.0	22.864559	50.0	489290.0	0.091458	Y
6	IC 860-19825/7	500.0	42.420773	50.0	478657.0	0.084842	Y
7	IC 860-19825/8	750.0	61.235185	50.0	488955.0	0.081647	Y



Calibration / Propionitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

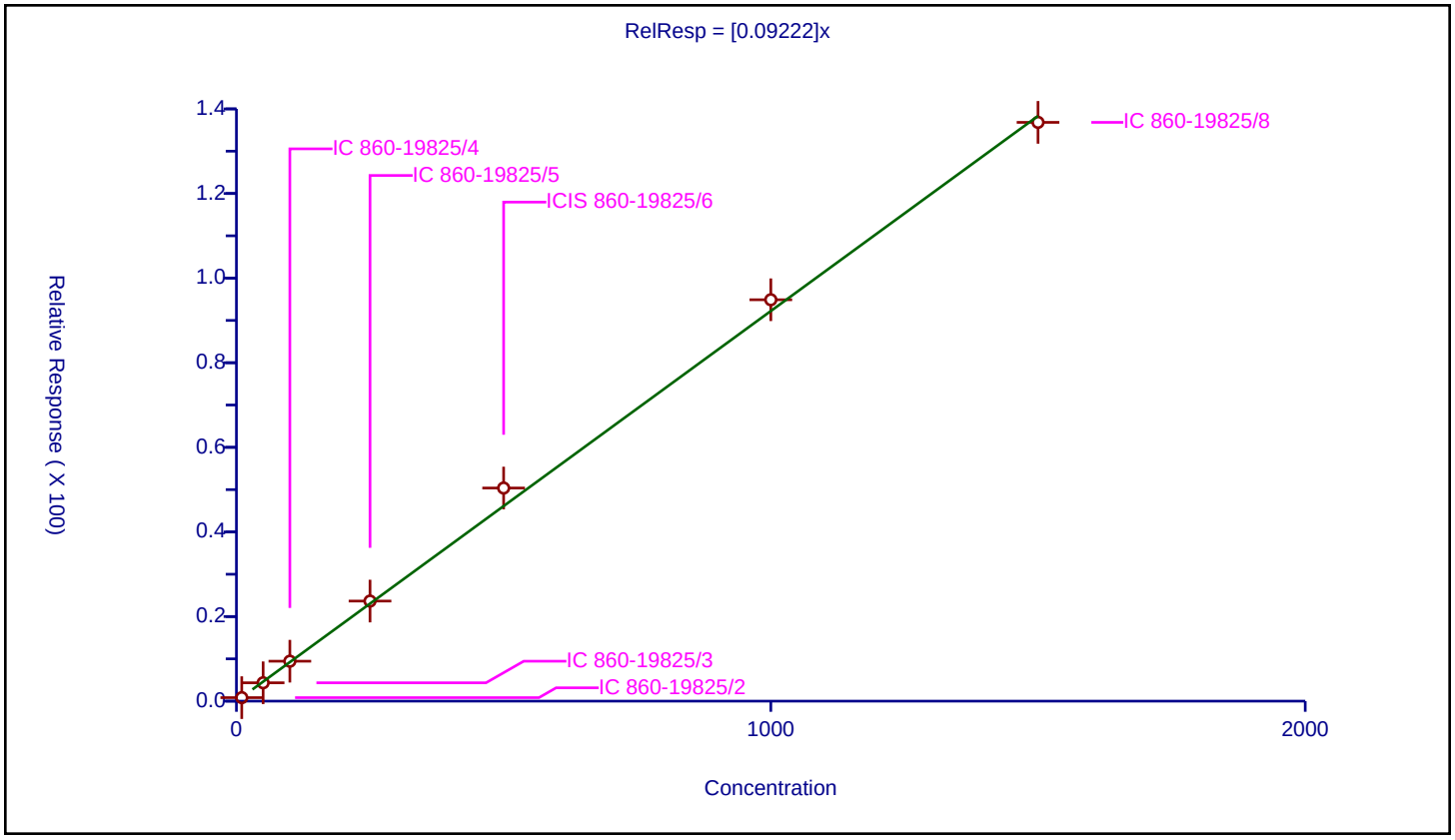
Curve Coefficients

Intercept:	0
Slope:	0.09222

Error Coefficients

Standard Error:	698000
Relative Standard Error:	6.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	10.0	0.828477	50.0	481546.0	0.082848	Y
2	IC 860-19825/3	50.0	4.338522	50.0	493682.0	0.08677	Y
3	IC 860-19825/4	100.0	9.443154	50.0	492452.0	0.094432	Y
4	IC 860-19825/5	250.0	23.659864	50.0	492338.0	0.094639	Y
5	ICIS 860-19825/6	500.0	50.375544	50.0	489290.0	0.100751	Y
6	IC 860-19825/7	1000.0	94.880154	50.0	478657.0	0.09488	Y
7	IC 860-19825/8	1500.0	136.816271	50.0	488955.0	0.091211	Y



Calibration / Ethyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

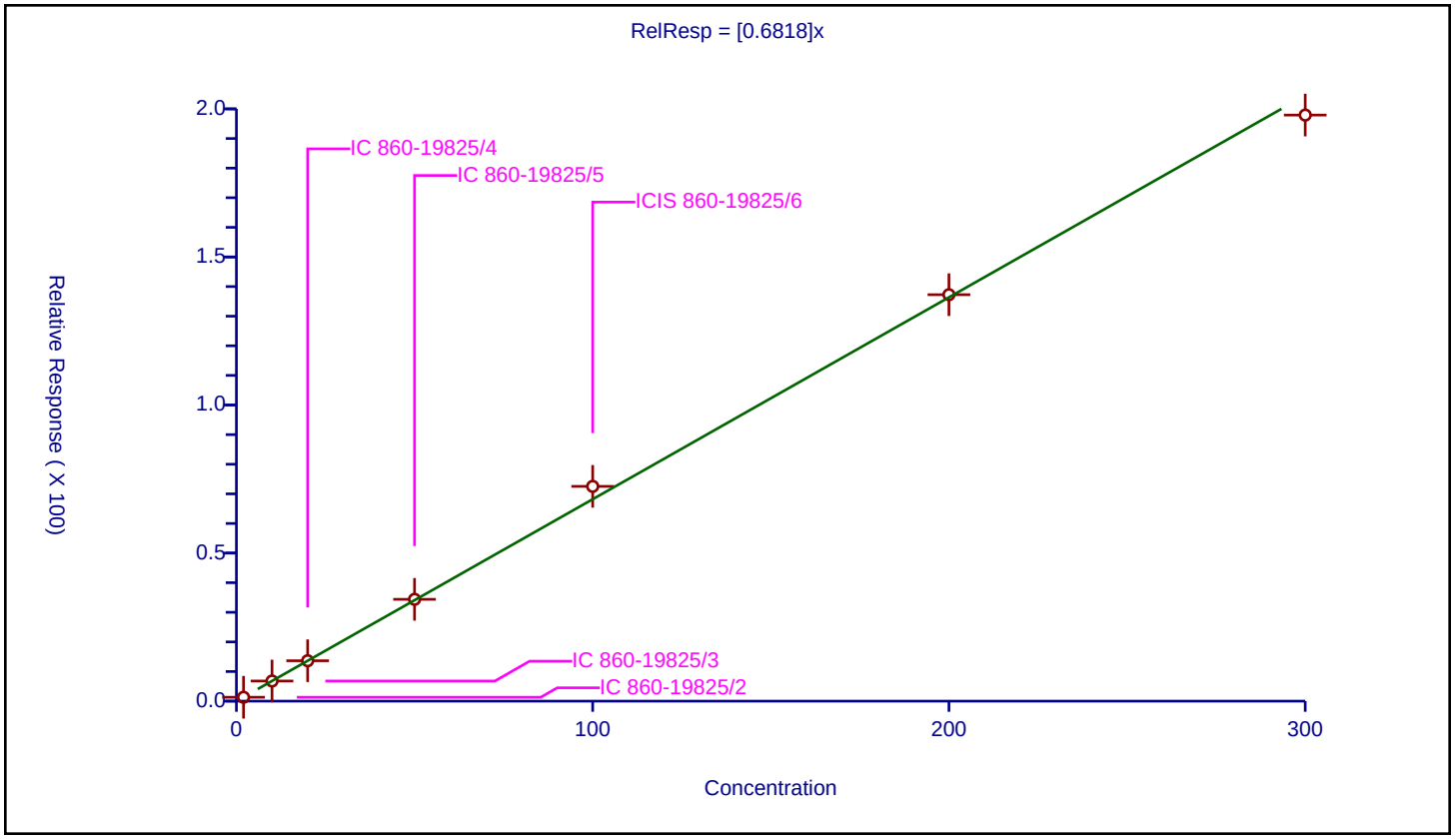
Curve Coefficients

Intercept:	0
Slope:	0.6818

Error Coefficients

Standard Error:	1010000
Relative Standard Error:	3.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	2.0	1.305587	50.0	481546.0	0.652793	Y
2	IC 860-19825/3	10.0	6.790809	50.0	493682.0	0.679081	Y
3	IC 860-19825/4	20.0	13.641533	50.0	492452.0	0.682077	Y
4	IC 860-19825/5	50.0	34.377805	50.0	492338.0	0.687556	Y
5	ICIS 860-19825/6	100.0	72.526416	50.0	489290.0	0.725264	Y
6	IC 860-19825/7	200.0	137.256115	50.0	478657.0	0.686281	Y
7	IC 860-19825/8	300.0	197.915861	50.0	488955.0	0.65972	Y



Calibration / Methacrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

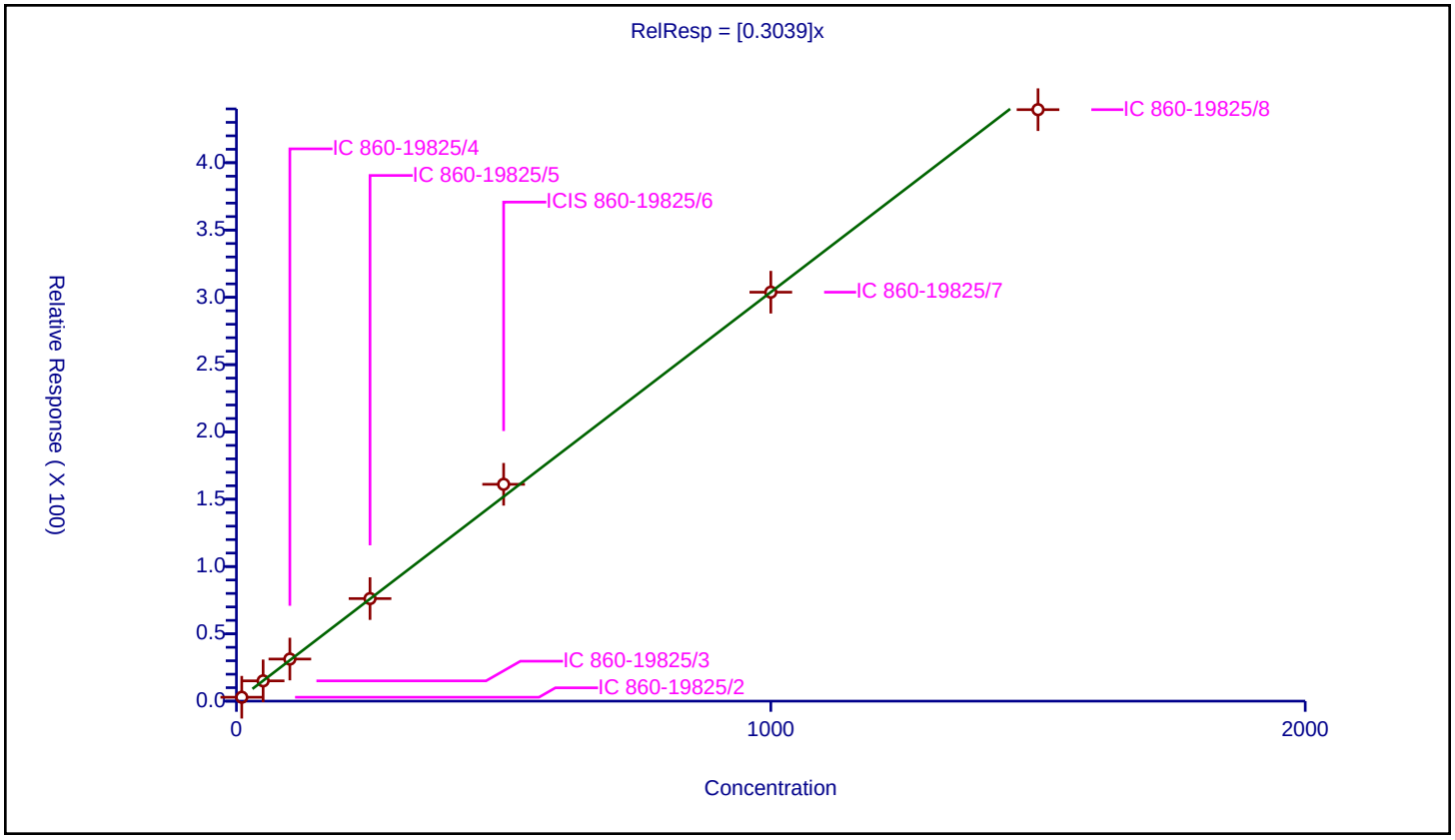
Curve Coefficients

Intercept:	0
Slope:	0.3039

Error Coefficients

Standard Error:	2240000
Relative Standard Error:	3.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	10.0	2.893701	50.0	481546.0	0.28937	Y
2	IC 860-19825/3	50.0	15.066379	50.0	493682.0	0.301328	Y
3	IC 860-19825/4	100.0	31.271474	50.0	492452.0	0.312715	Y
4	IC 860-19825/5	250.0	76.188107	50.0	492338.0	0.304752	Y
5	ICIS 860-19825/6	500.0	161.0971	50.0	489290.0	0.322194	Y
6	IC 860-19825/7	1000.0	303.814005	50.0	478657.0	0.303814	Y
7	IC 860-19825/8	1500.0	439.422953	50.0	488955.0	0.292949	Y



Calibration / Chlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

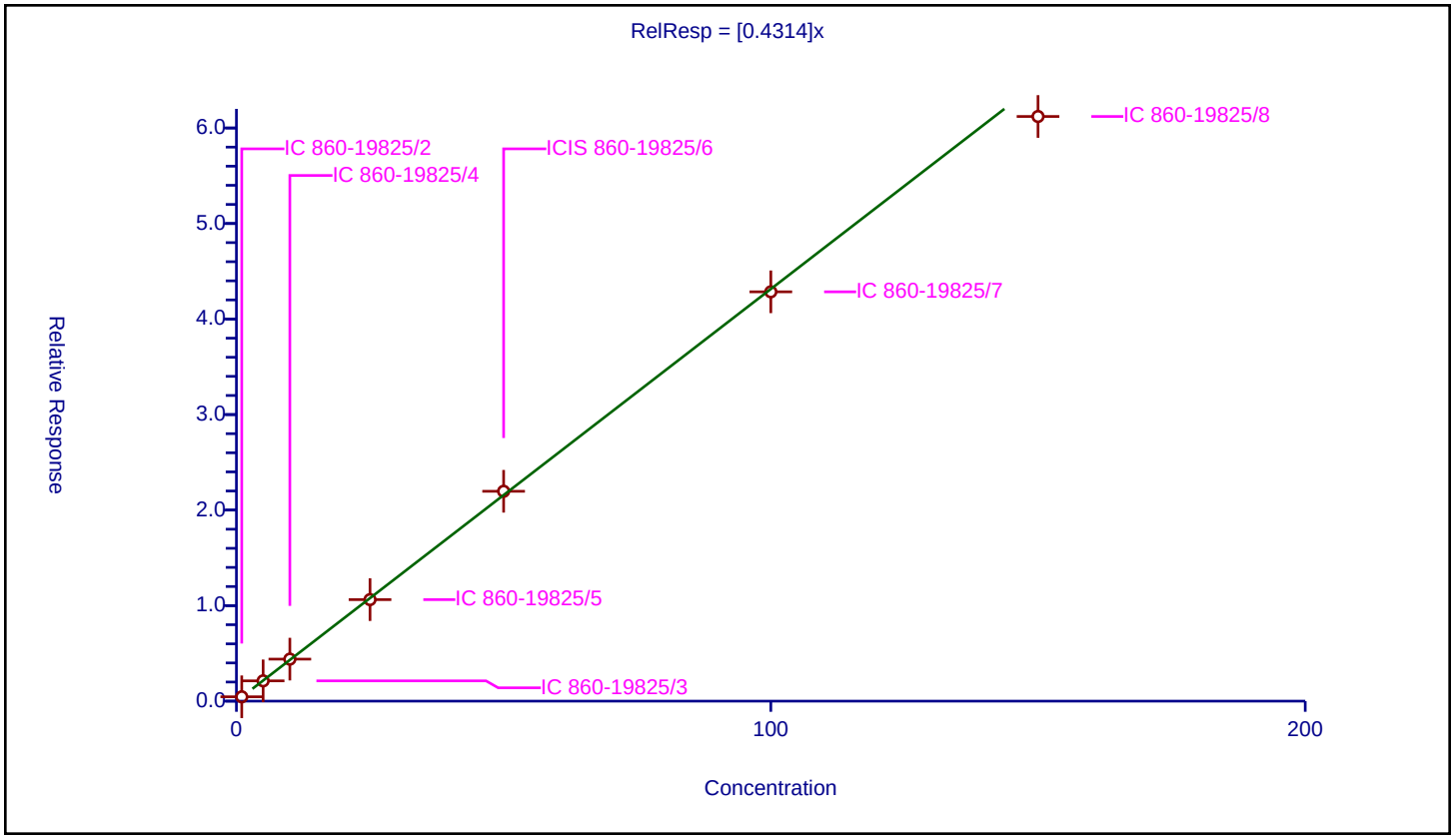
Curve Coefficients

Intercept:	0
Slope:	0.4314

Error Coefficients

Standard Error:	312000
Relative Standard Error:	3.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	0.454474	50.0	481546.0	0.454474	Y
2	IC 860-19825/3	5.0	2.123128	50.0	493682.0	0.424626	Y
3	IC 860-19825/4	10.0	4.3985	50.0	492452.0	0.43985	Y
4	IC 860-19825/5	25.0	10.627963	50.0	492338.0	0.425119	Y
5	ICIS 860-19825/6	50.0	21.968362	50.0	489290.0	0.439367	Y
6	IC 860-19825/7	100.0	42.850308	50.0	478657.0	0.428503	Y
7	IC 860-19825/8	150.0	61.203996	50.0	488955.0	0.408027	Y



Calibration / Tetrahydrofuran

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

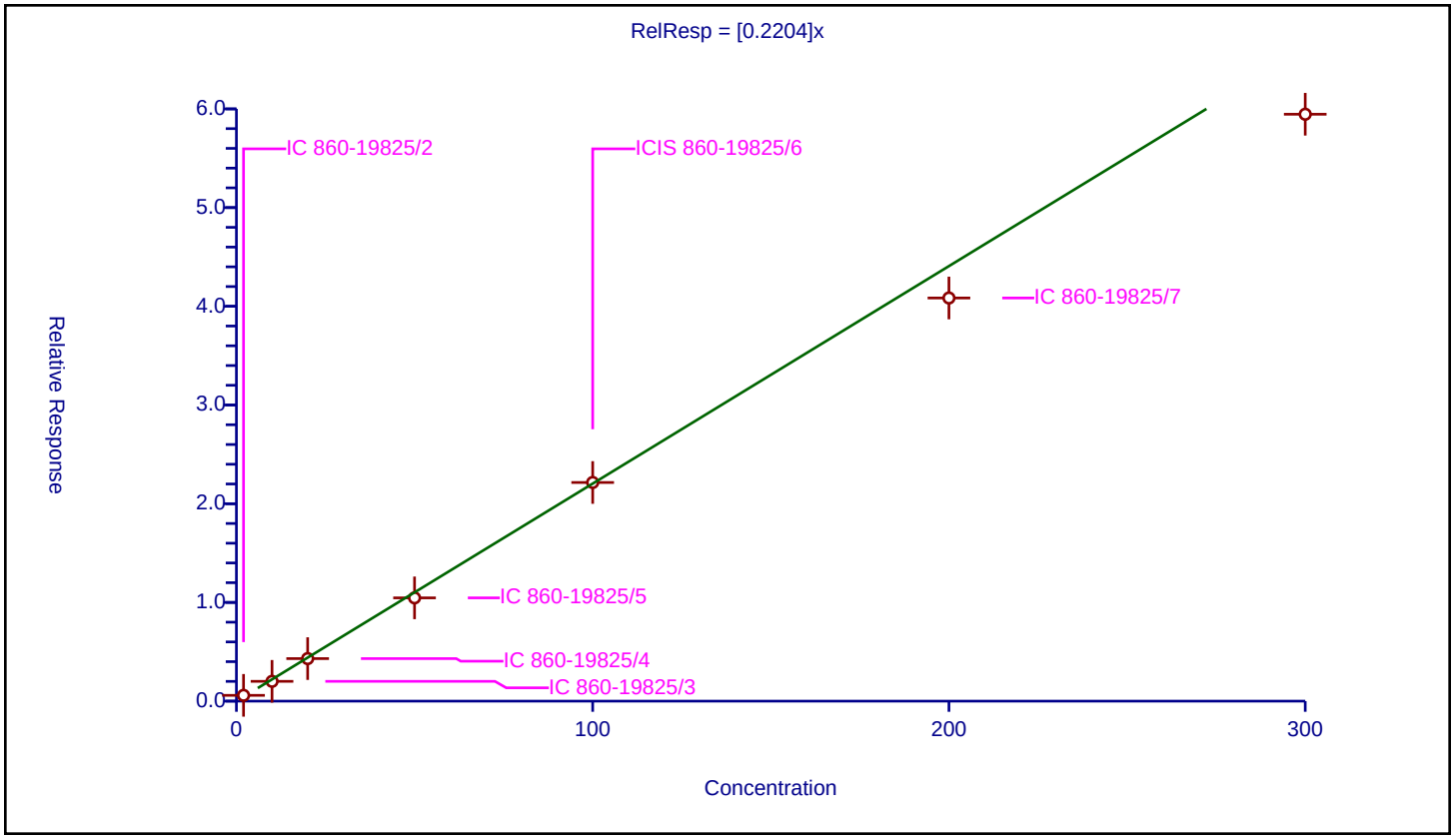
Curve Coefficients

Intercept:	0
Slope:	0.2204

Error Coefficients

Standard Error:	303000
Relative Standard Error:	15.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.969

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	2.0	0.586756	50.0	481546.0	0.293378	Y
2	IC 860-19825/3	10.0	2.005036	50.0	493682.0	0.200504	Y
3	IC 860-19825/4	20.0	4.309354	50.0	492452.0	0.215468	Y
4	IC 860-19825/5	50.0	10.463239	50.0	492338.0	0.209265	Y
5	ICIS 860-19825/6	100.0	22.152507	50.0	489290.0	0.221525	Y
6	IC 860-19825/7	200.0	40.843025	50.0	478657.0	0.204215	Y
7	IC 860-19825/8	300.0	59.457005	50.0	488955.0	0.19819	Y



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

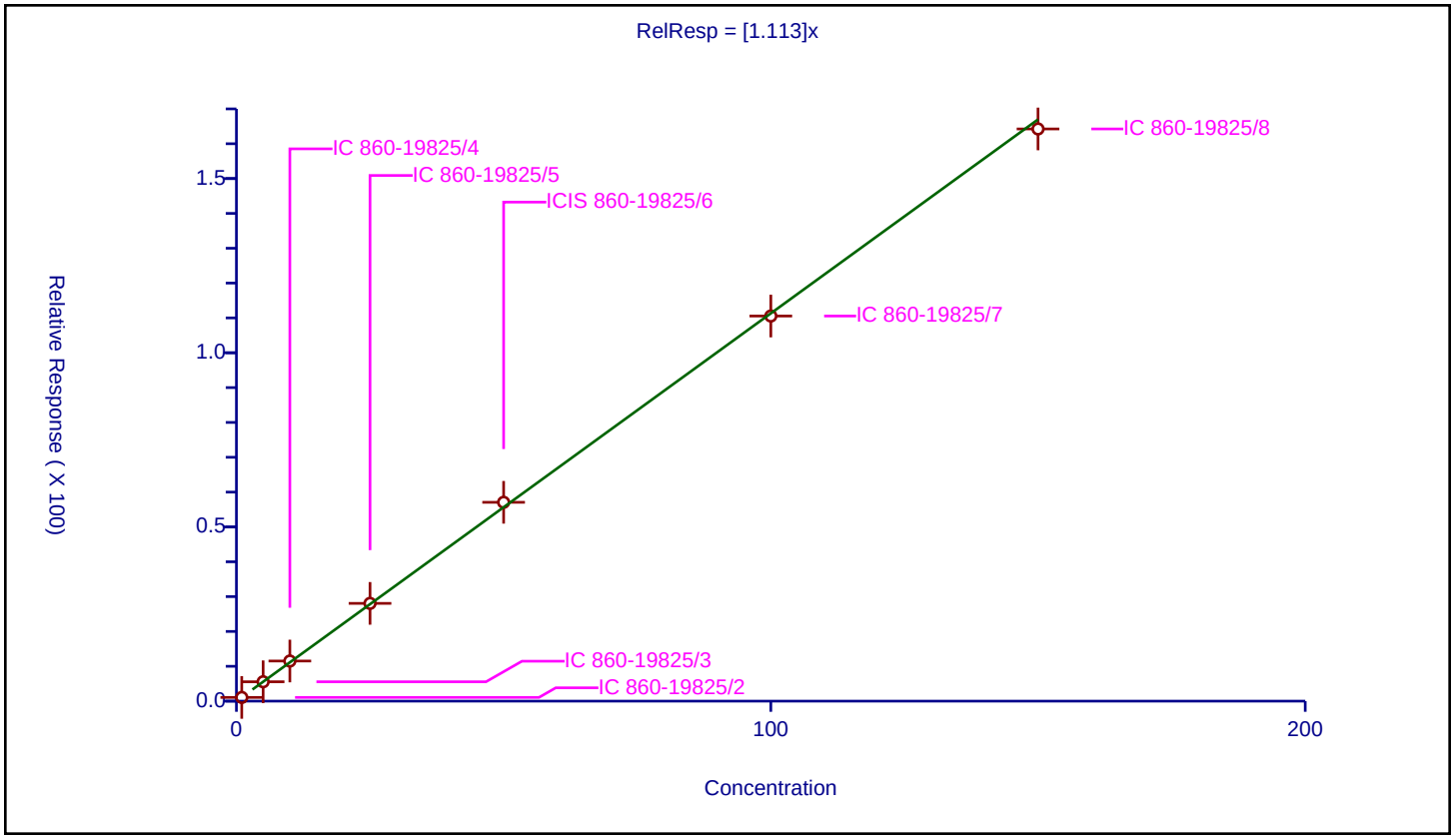
Curve Coefficients

Intercept:	0
Slope:	1.113

Error Coefficients

Standard Error:	827000
Relative Standard Error:	2.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	1.063761	50.0	481546.0	1.063761	Y
2	IC 860-19825/3	5.0	5.559145	50.0	493682.0	1.111829	Y
3	IC 860-19825/4	10.0	11.516858	50.0	492452.0	1.151686	Y
4	IC 860-19825/5	25.0	28.059077	50.0	492338.0	1.122363	Y
5	ICIS 860-19825/6	50.0	57.076172	50.0	489290.0	1.141523	Y
6	IC 860-19825/7	100.0	110.545338	50.0	478657.0	1.105453	Y
7	IC 860-19825/8	150.0	164.242722	50.0	488955.0	1.094951	Y



Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

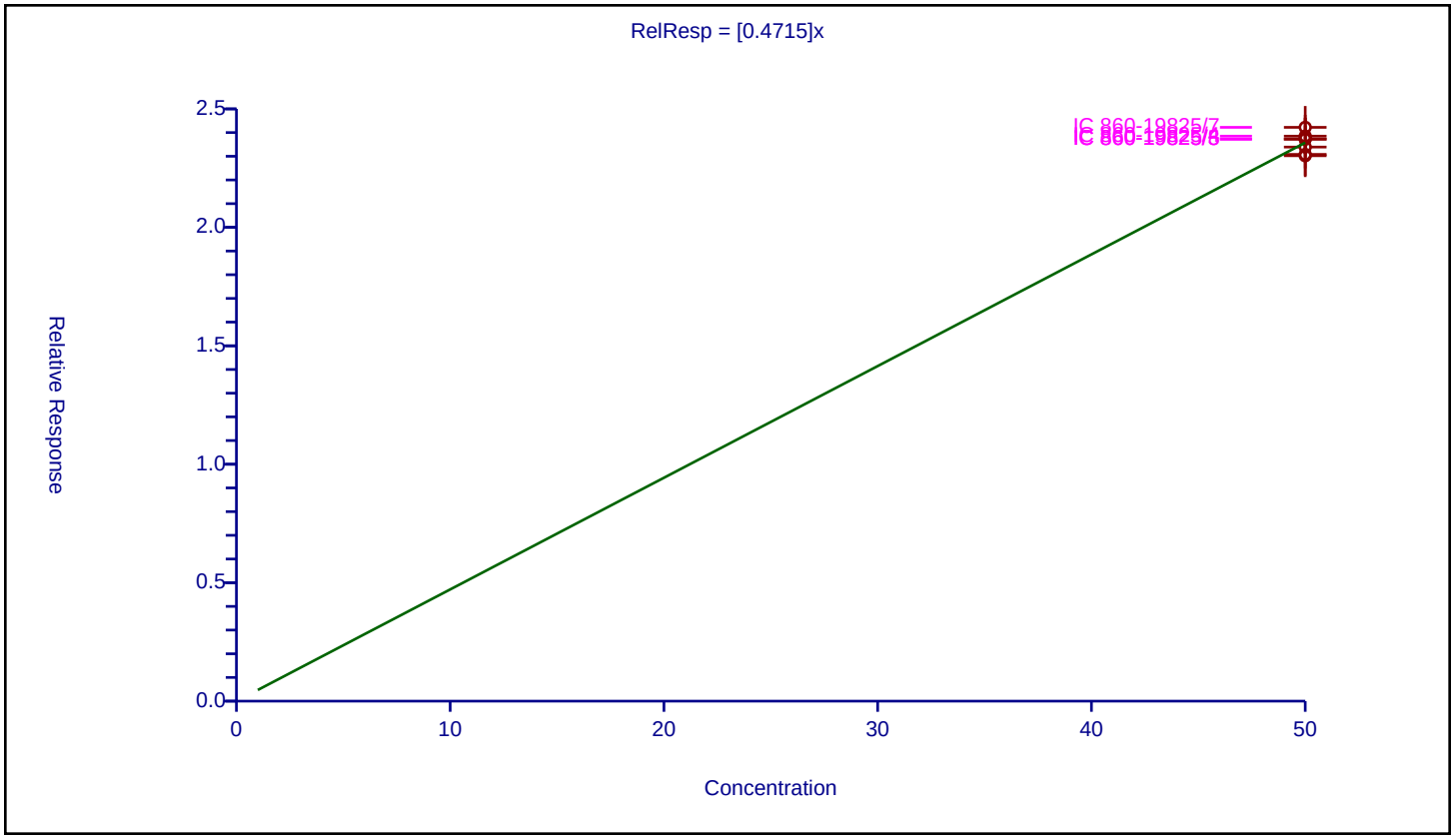
Curve Coefficients

Intercept:	0
Slope:	0.4715

Error Coefficients

Standard Error:	249000
Relative Standard Error:	1.8
Correlation Coefficient:	0.00000000000000000000
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	50.0	23.022515	50.0	481546.0	0.46045	Y
2	IC 860-19825/3	50.0	23.078115	50.0	493682.0	0.461562	Y
3	IC 860-19825/4	50.0	23.850142	50.0	492452.0	0.477003	Y
4	IC 860-19825/5	50.0	23.729328	50.0	492338.0	0.474587	Y
5	ICIS 860-19825/6	50.0	23.388379	50.0	489290.0	0.467768	Y
6	IC 860-19825/7	50.0	24.221206	50.0	478657.0	0.484424	Y
7	IC 860-19825/8	50.0	23.720179	50.0	488955.0	0.474404	Y



Calibration / 1,1,1-Trichloroethane

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

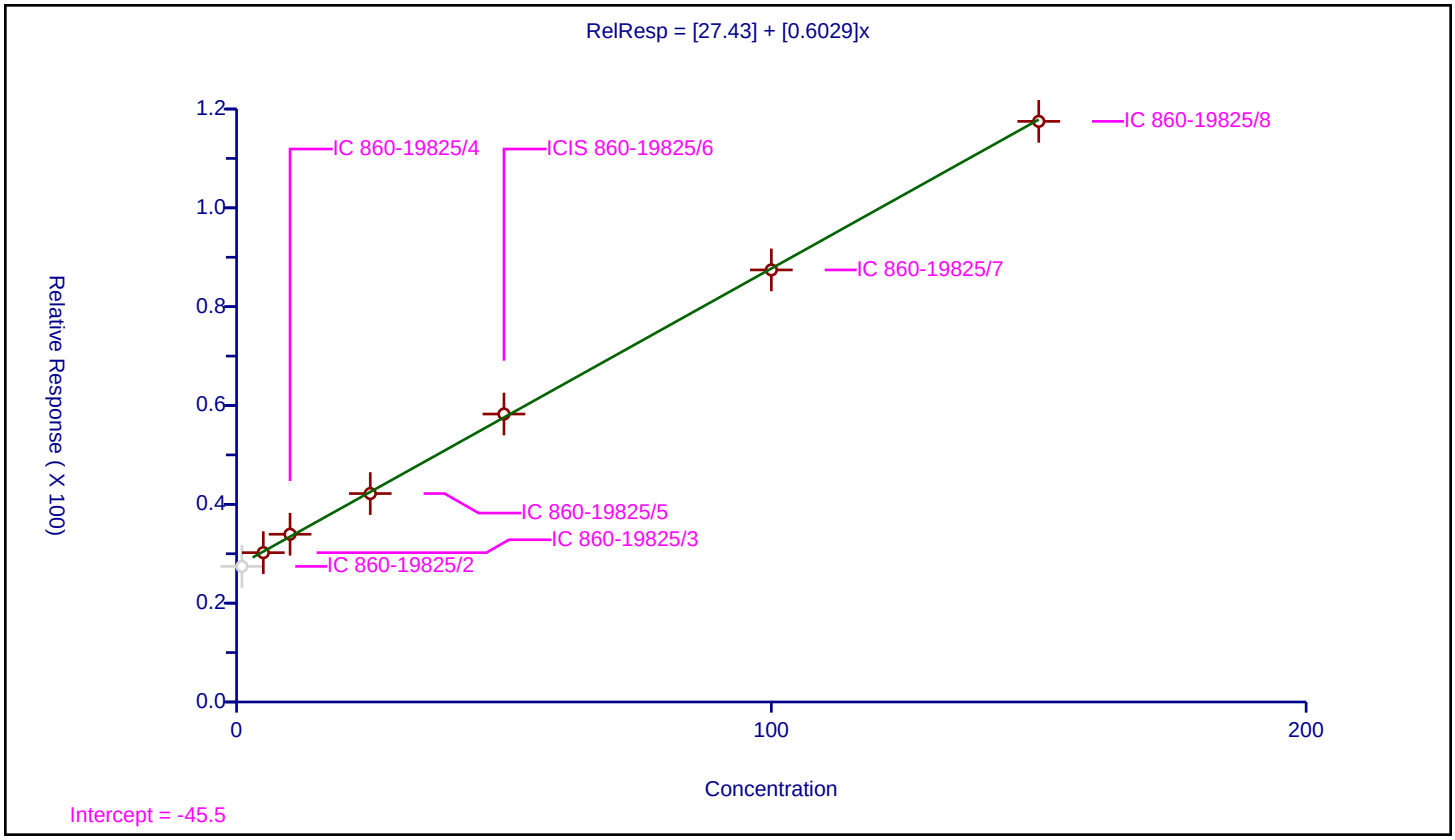
Curve Coefficients

Intercept:	27.43
Slope:	0.6029

Error Coefficients

Standard Error:	824000
Relative Standard Error:	5.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	27.438604	50.0	481546.0	27.438604	N
2	IC 860-19825/3	5.0	30.219352	50.0	493682.0	6.04387	Y
3	IC 860-19825/4	10.0	33.948182	50.0	492452.0	3.394818	Y
4	IC 860-19825/5	25.0	42.179966	50.0	492338.0	1.687199	Y
5	ICIS 860-19825/6	50.0	58.275665	50.0	489290.0	1.165513	Y
6	IC 860-19825/7	100.0	87.438082	50.0	478657.0	0.874381	Y
7	IC 860-19825/8	150.0	117.503553	50.0	488955.0	0.783357	Y



Calibration / Cyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

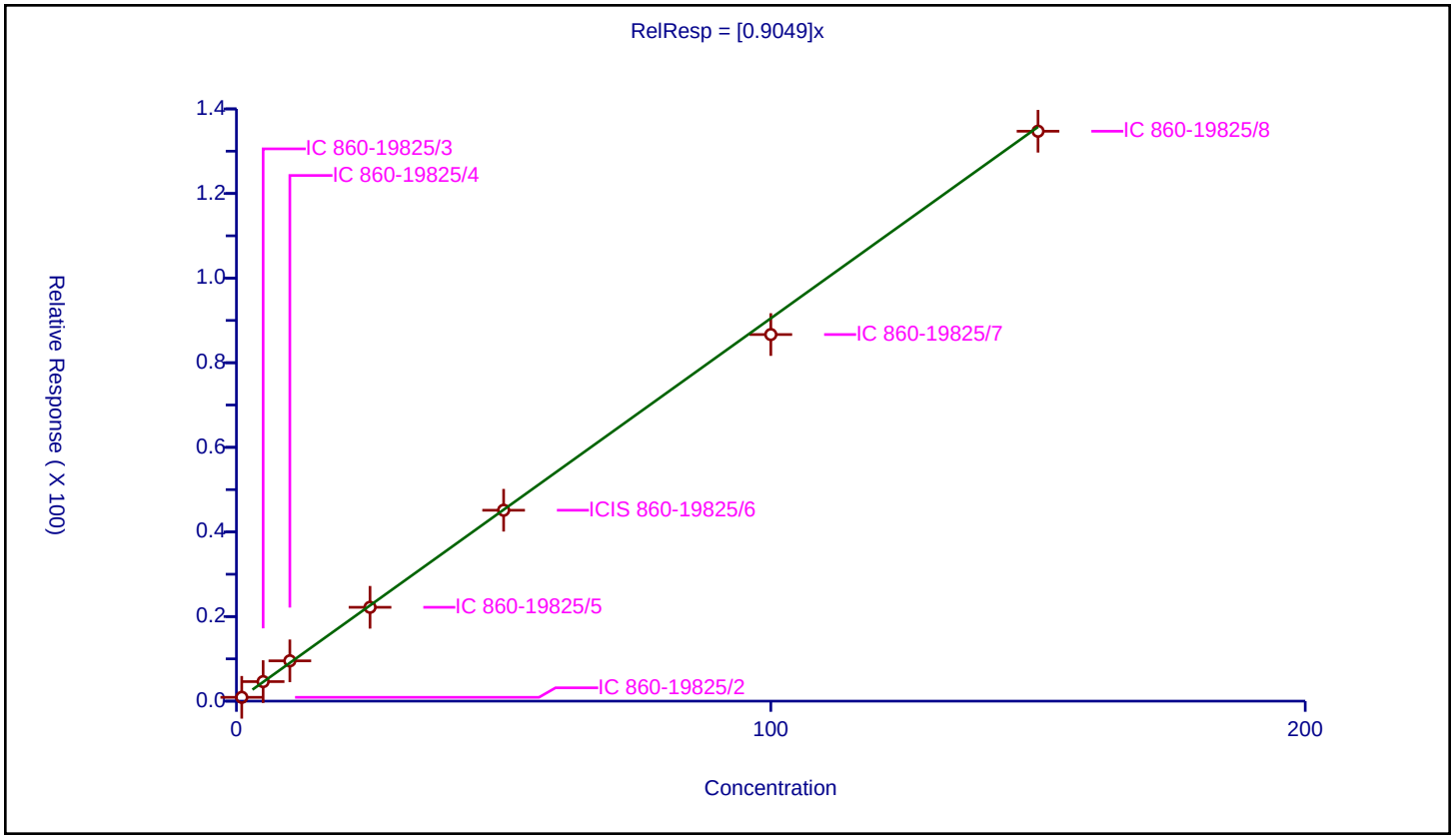
Curve Coefficients

Intercept:	0
Slope:	0.9049

Error Coefficients

Standard Error:	668000
Relative Standard Error:	3.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	0.903756	50.0	481546.0	0.903756	Y
2	IC 860-19825/3	5.0	4.616231	50.0	493682.0	0.923246	Y
3	IC 860-19825/4	10.0	9.529355	50.0	492452.0	0.952936	Y
4	IC 860-19825/5	25.0	22.185876	50.0	492338.0	0.887435	Y
5	ICIS 860-19825/6	50.0	45.12651	50.0	489290.0	0.90253	Y
6	IC 860-19825/7	100.0	86.658818	50.0	478657.0	0.866588	Y
7	IC 860-19825/8	150.0	134.718021	50.0	488955.0	0.89812	Y



Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

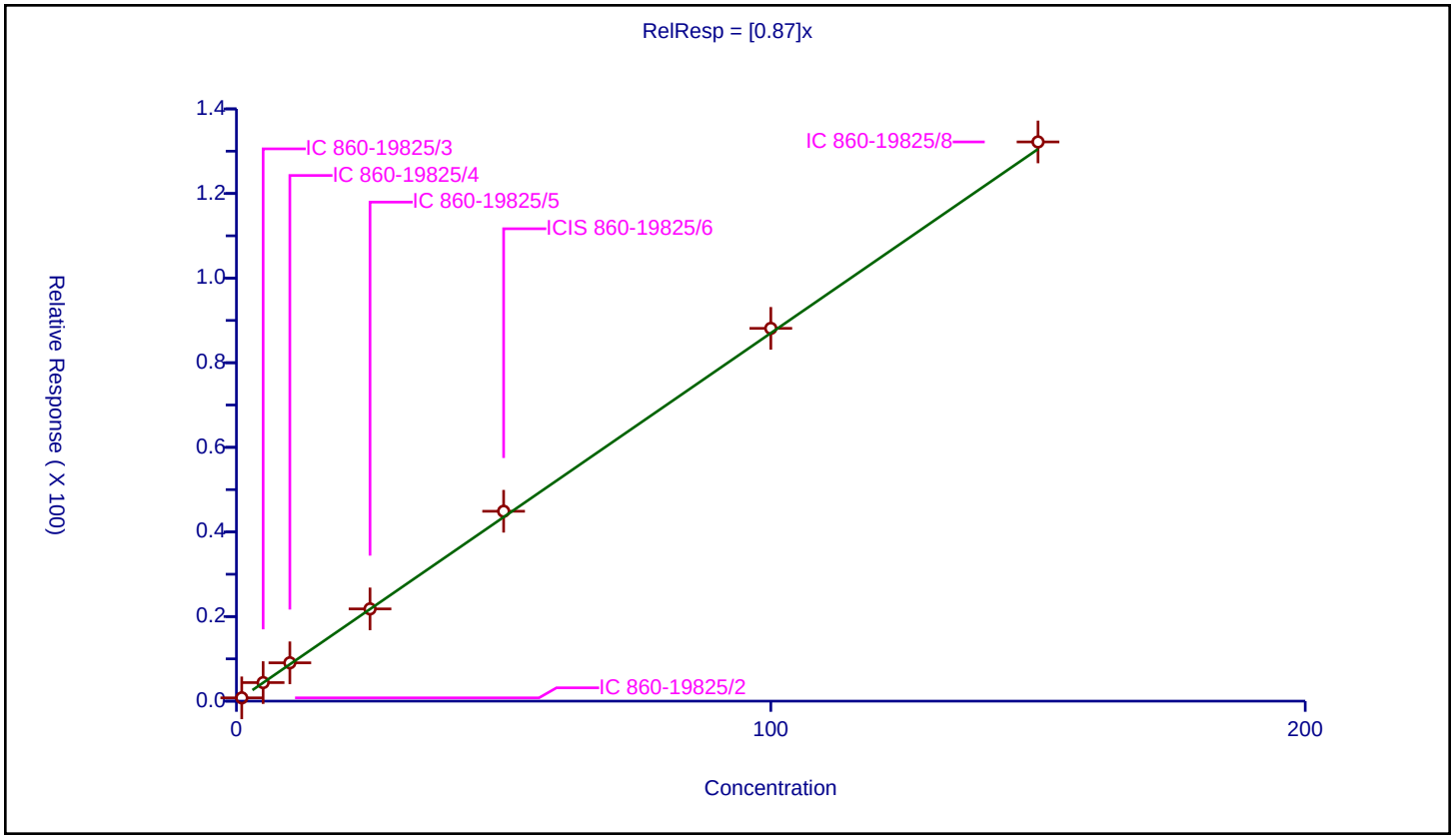
Curve Coefficients

Intercept:	0
Slope:	0.87

Error Coefficients

Standard Error:	662000
Relative Standard Error:	5.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	0.774589	50.0	481546.0	0.774589	Y
2	IC 860-19825/3	5.0	4.383895	50.0	493682.0	0.876779	Y
3	IC 860-19825/4	10.0	9.060375	50.0	492452.0	0.906038	Y
4	IC 860-19825/5	25.0	21.809103	50.0	492338.0	0.872364	Y
5	ICIS 860-19825/6	50.0	44.88422	50.0	489290.0	0.897684	Y
6	IC 860-19825/7	100.0	88.119677	50.0	478657.0	0.881197	Y
7	IC 860-19825/8	150.0	132.190692	50.0	488955.0	0.881271	Y



Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

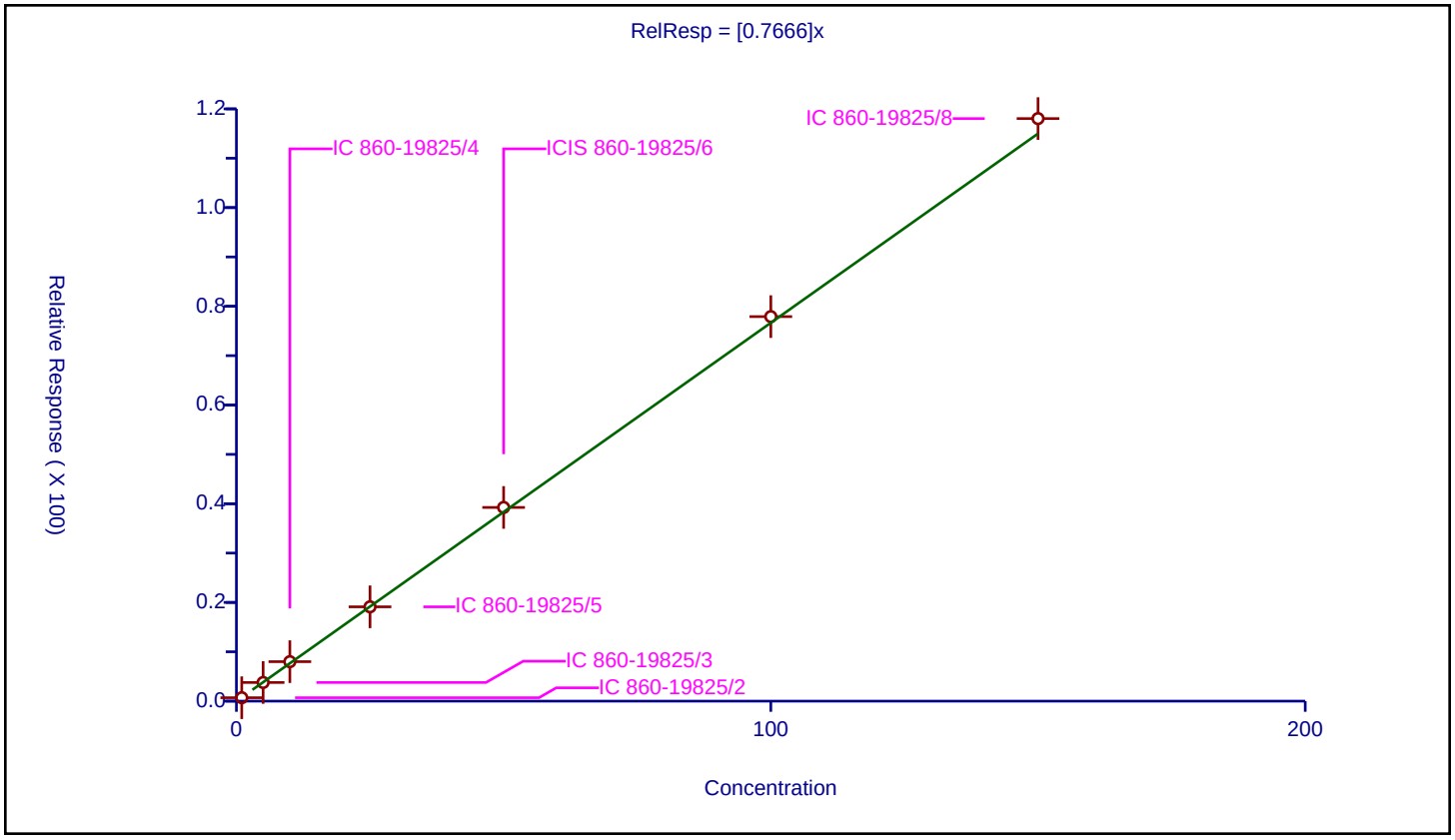
Curve Coefficients

Intercept:	0
Slope:	0.7666

Error Coefficients

Standard Error:	589000
Relative Standard Error:	4.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	0.69443	50.0	481546.0	0.69443	Y
2	IC 860-19825/3	5.0	3.780369	50.0	493682.0	0.756074	Y
3	IC 860-19825/4	10.0	7.999257	50.0	492452.0	0.799926	Y
4	IC 860-19825/5	25.0	19.1138	50.0	492338.0	0.764552	Y
5	ICIS 860-19825/6	50.0	39.246153	50.0	489290.0	0.784923	Y
6	IC 860-19825/7	100.0	77.91383	50.0	478657.0	0.779138	Y
7	IC 860-19825/8	150.0	118.037447	50.0	488955.0	0.786916	Y



Calibration / Isobutyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

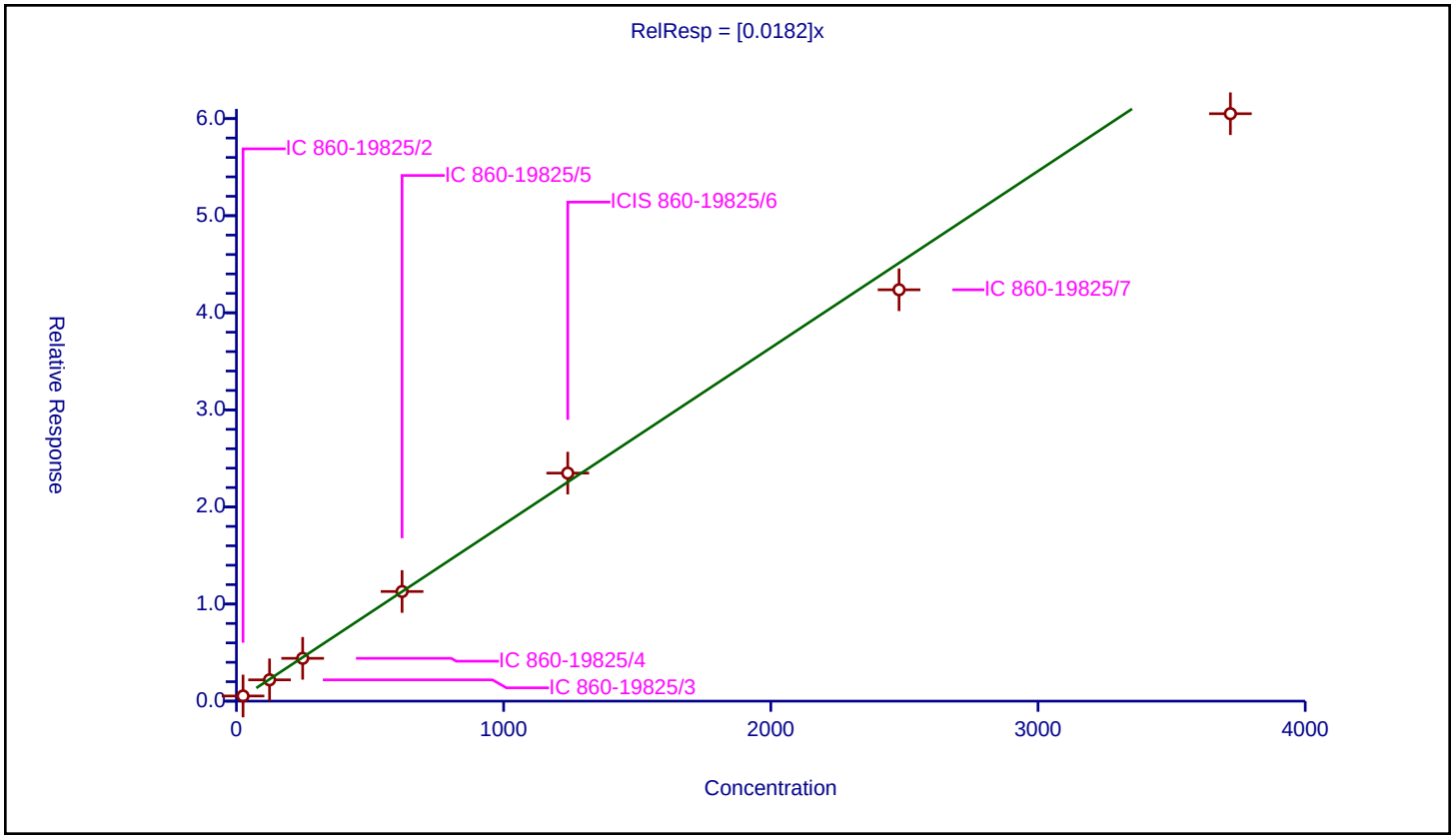
Curve Coefficients

Intercept:	0
Slope:	0.0182

Error Coefficients

Standard Error:	504000
Relative Standard Error:	9.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	24.8	0.530936	50.0	751314.0	0.021409	Y
2	IC 860-19825/3	124.0	2.194309	50.0	779129.0	0.017696	Y
3	IC 860-19825/4	248.0	4.409177	50.0	795602.0	0.017779	Y
4	IC 860-19825/5	620.0	11.292059	50.0	785862.0	0.018213	Y
5	ICIS 860-19825/6	1240.0	23.484982	50.0	779545.0	0.01894	Y
6	IC 860-19825/7	2480.0	42.371201	50.0	771432.0	0.017085	Y
7	IC 860-19825/8	3720.0	60.504797	50.0	795984.0	0.016265	Y



Calibration / 1,2-Dichloroethane-d4 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

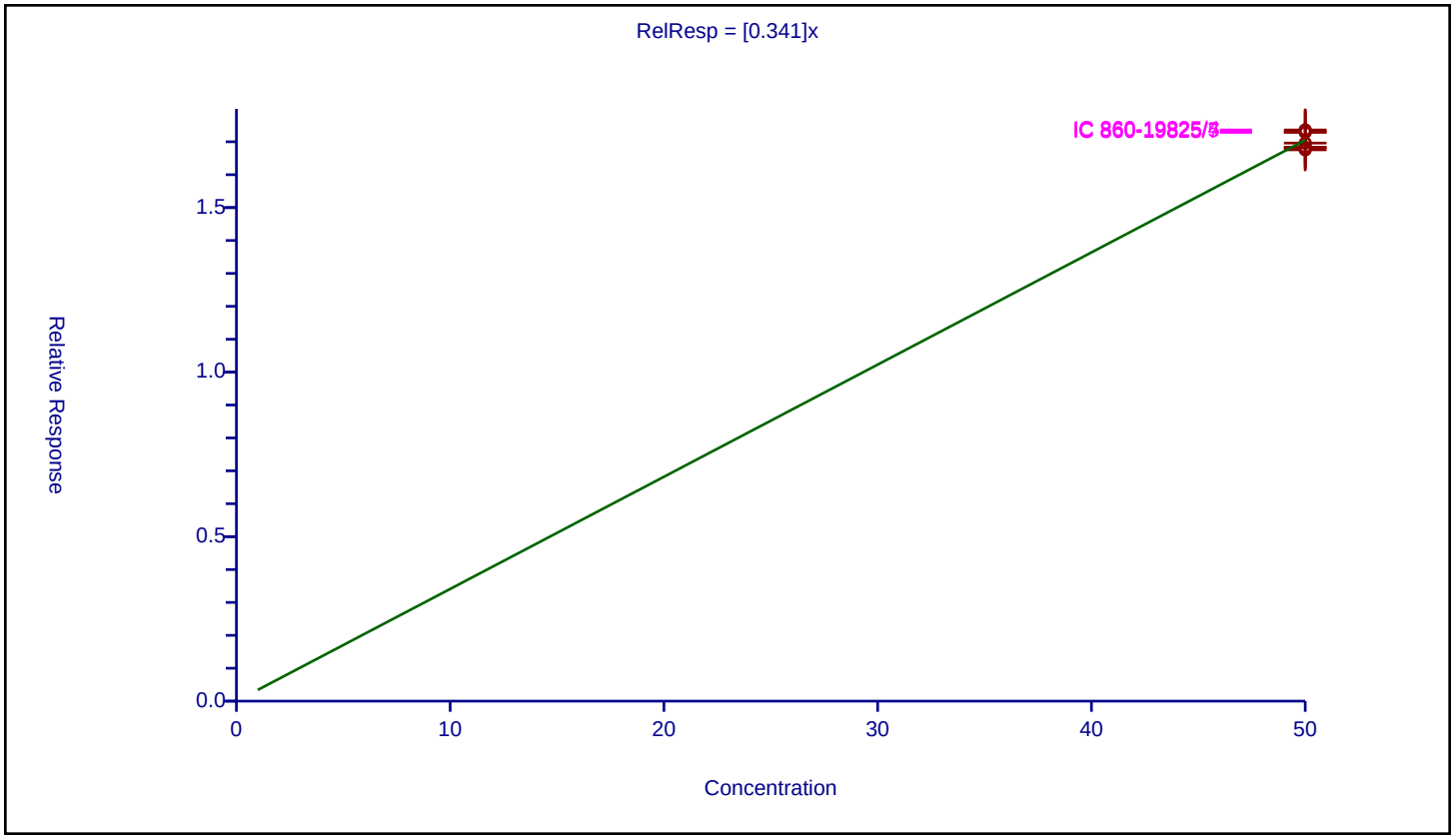
Curve Coefficients

Intercept:	0
Slope:	0.341

Error Coefficients

Standard Error:	287000
Relative Standard Error:	1.5
Correlation Coefficient:	0.00000000000000000000
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	50.0	16.821662	50.0	751314.0	0.336433	Y
2	IC 860-19825/3	50.0	16.755762	50.0	779129.0	0.335115	Y
3	IC 860-19825/4	50.0	17.359873	50.0	795602.0	0.347197	Y
4	IC 860-19825/5	50.0	17.314427	50.0	785862.0	0.346289	Y
5	ICIS 860-19825/6	50.0	16.961817	50.0	779545.0	0.339236	Y
6	IC 860-19825/7	50.0	17.285257	50.0	771432.0	0.345705	Y
7	IC 860-19825/8	50.0	16.833755	50.0	795984.0	0.336675	Y



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

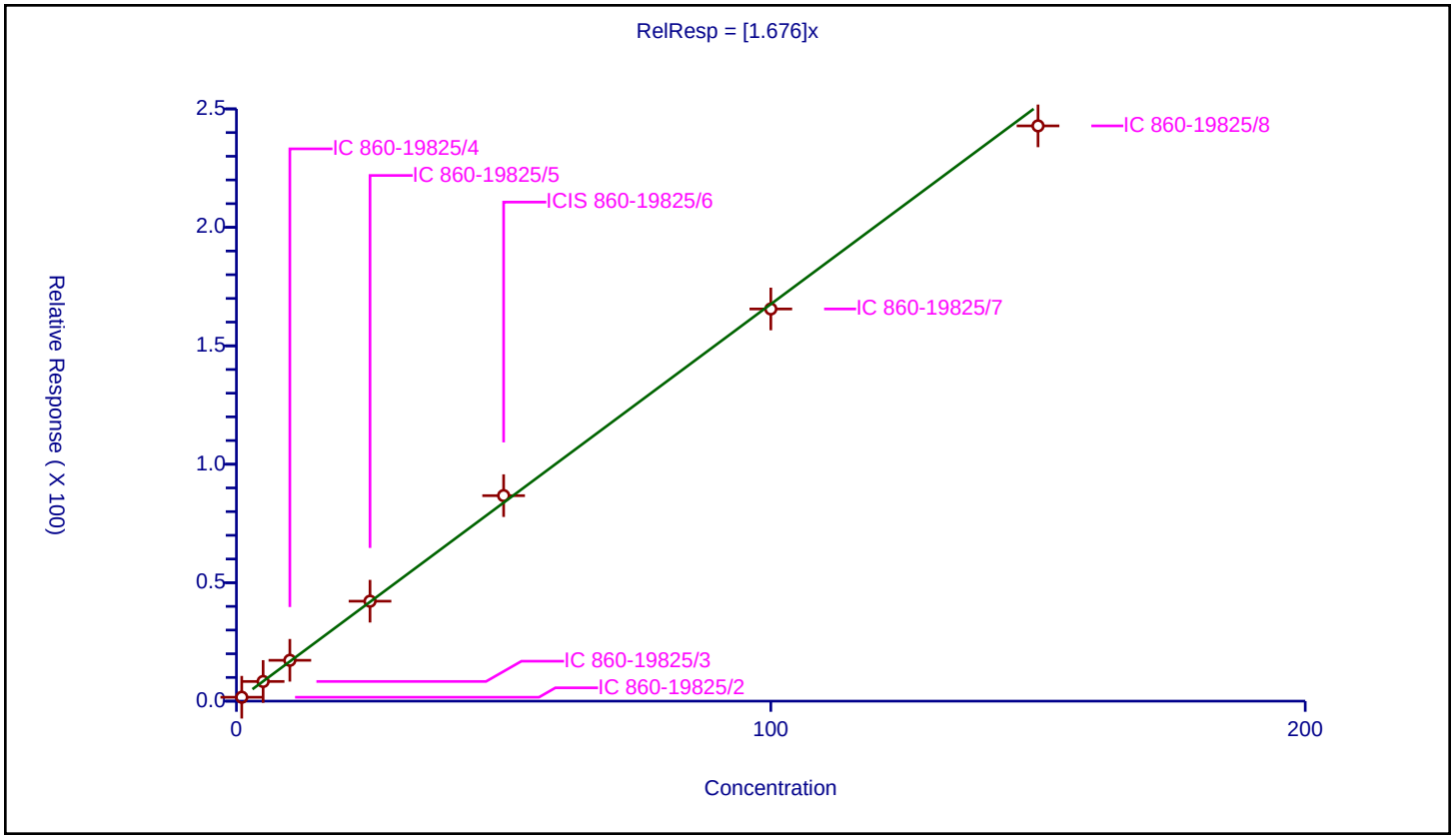
Curve Coefficients

Intercept:	0
Slope:	1.676

Error Coefficients

Standard Error:	1990000
Relative Standard Error:	2.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	1.649111	50.0	751314.0	1.649111	Y
2	IC 860-19825/3	5.0	8.305043	50.0	779129.0	1.661009	Y
3	IC 860-19825/4	10.0	17.236068	50.0	795602.0	1.723607	Y
4	IC 860-19825/5	25.0	42.183806	50.0	785862.0	1.687352	Y
5	ICIS 860-19825/6	50.0	86.747398	50.0	779545.0	1.734948	Y
6	IC 860-19825/7	100.0	165.543755	50.0	771432.0	1.655438	Y
7	IC 860-19825/8	150.0	242.827871	50.0	795984.0	1.618852	Y



Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

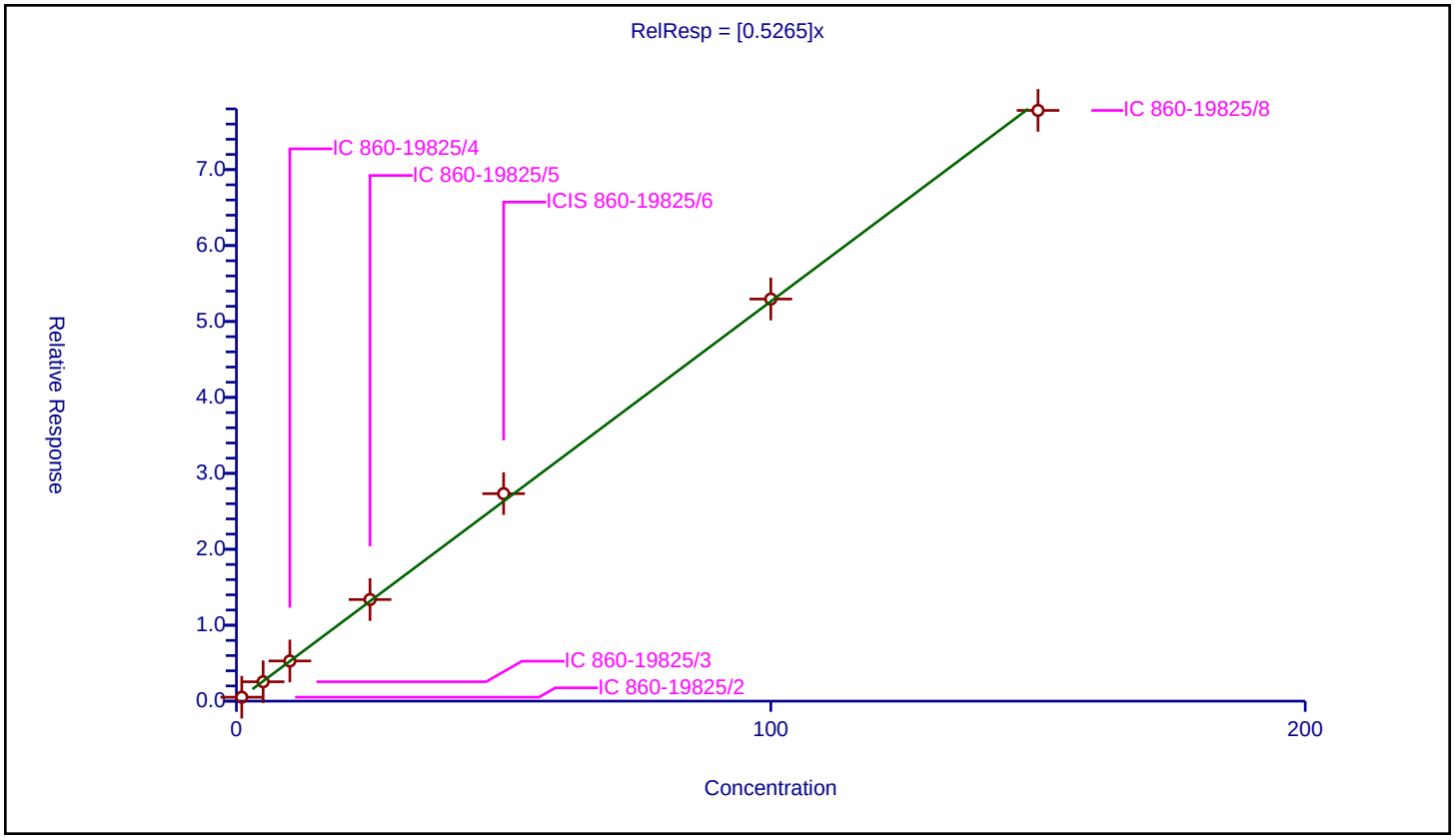
Curve Coefficients

Intercept:	0
Slope:	0.5265

Error Coefficients

Standard Error:	637000
Relative Standard Error:	2.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	0.515696	50.0	751314.0	0.515696	Y
2	IC 860-19825/3	5.0	2.552273	50.0	779129.0	0.510455	Y
3	IC 860-19825/4	10.0	5.291465	50.0	795602.0	0.529146	Y
4	IC 860-19825/5	25.0	13.380148	50.0	785862.0	0.535206	Y
5	ICIS 860-19825/6	50.0	27.326902	50.0	779545.0	0.546538	Y
6	IC 860-19825/7	100.0	52.957033	50.0	771432.0	0.52957	Y
7	IC 860-19825/8	150.0	77.798863	50.0	795984.0	0.518659	Y



Calibration / Isooctane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

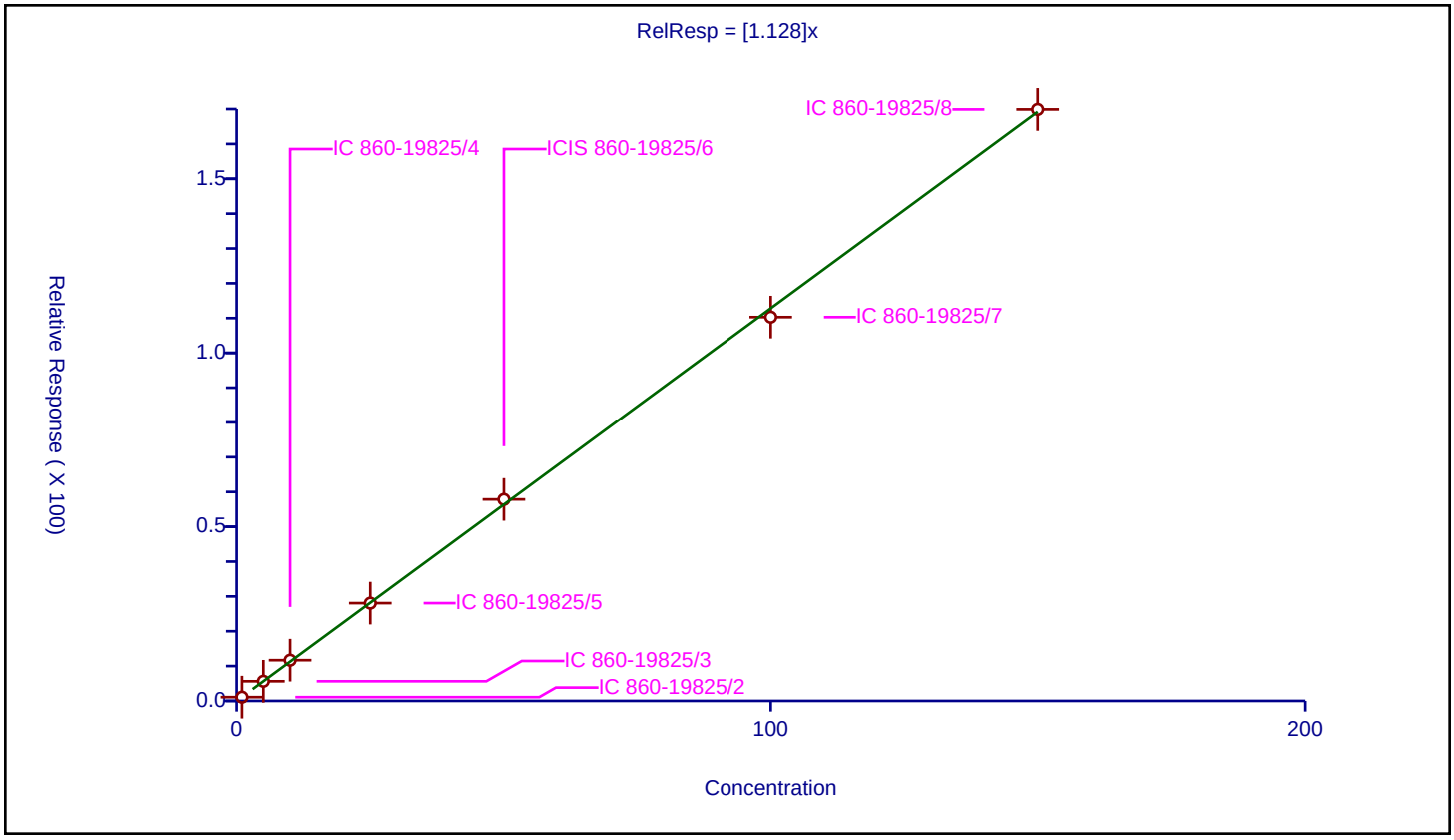
Curve Coefficients

Intercept:	0
Slope:	1.128

Error Coefficients

Standard Error:	1370000
Relative Standard Error:	2.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	1.083502	50.0	751314.0	1.083502	Y
2	IC 860-19825/3	5.0	5.638155	50.0	779129.0	1.127631	Y
3	IC 860-19825/4	10.0	11.690959	50.0	795602.0	1.169096	Y
4	IC 860-19825/5	25.0	28.079548	50.0	785862.0	1.123182	Y
5	ICIS 860-19825/6	50.0	57.870104	50.0	779545.0	1.157402	Y
6	IC 860-19825/7	100.0	110.285677	50.0	771432.0	1.102857	Y
7	IC 860-19825/8	150.0	169.892988	50.0	795984.0	1.13262	Y



Calibration / Tert-amyl methyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

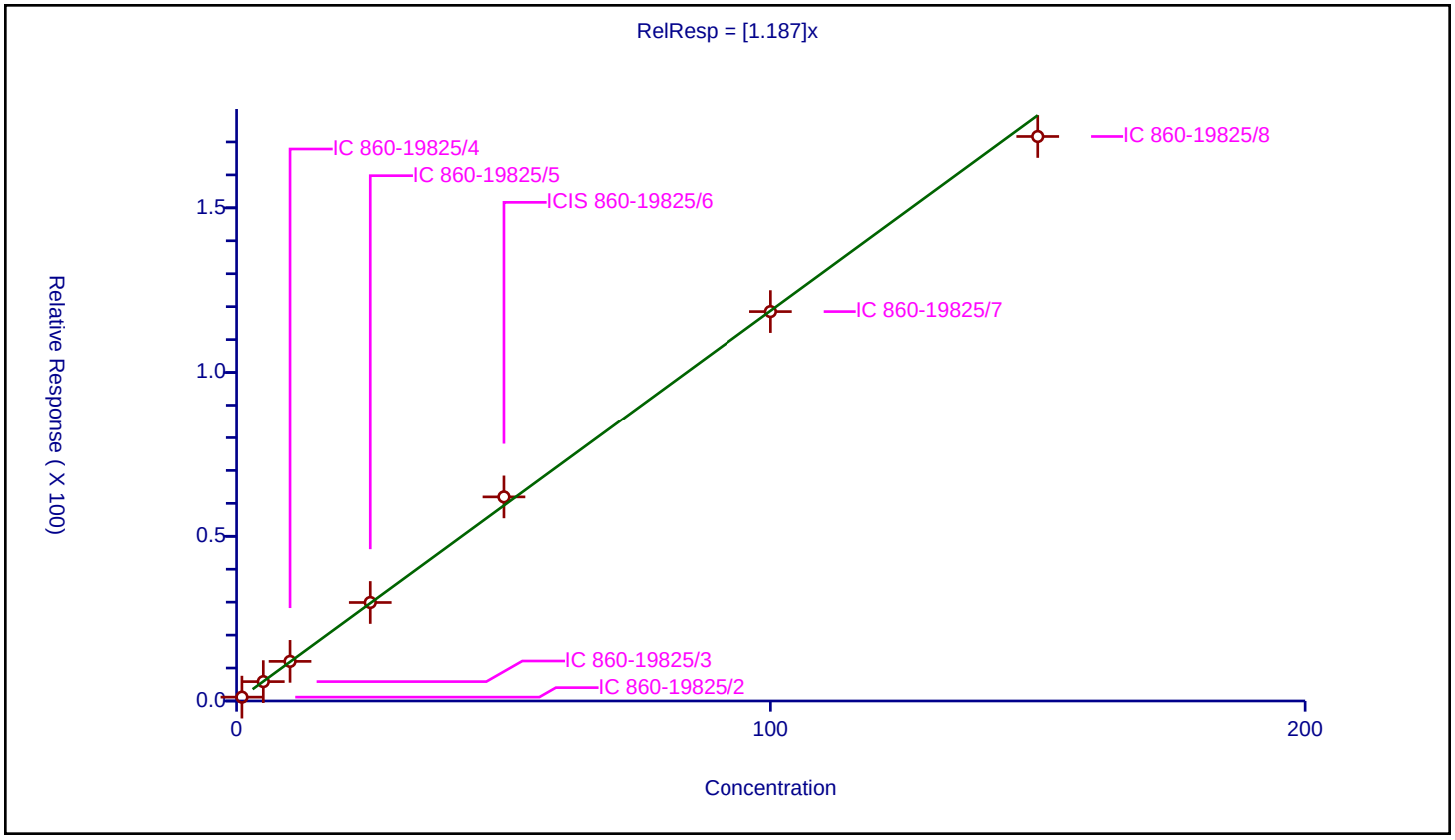
Curve Coefficients

Intercept:	0
Slope:	1.187

Error Coefficients

Standard Error:	1410000
Relative Standard Error:	2.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	1.166822	50.0	751314.0	1.166822	Y
2	IC 860-19825/3	5.0	5.884391	50.0	779129.0	1.176878	Y
3	IC 860-19825/4	10.0	12.027936	50.0	795602.0	1.202794	Y
4	IC 860-19825/5	25.0	29.902069	50.0	785862.0	1.196083	Y
5	ICIS 860-19825/6	50.0	61.958578	50.0	779545.0	1.239172	Y
6	IC 860-19825/7	100.0	118.500075	50.0	771432.0	1.185001	Y
7	IC 860-19825/8	150.0	171.661679	50.0	795984.0	1.144411	Y



Calibration / n-Butanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

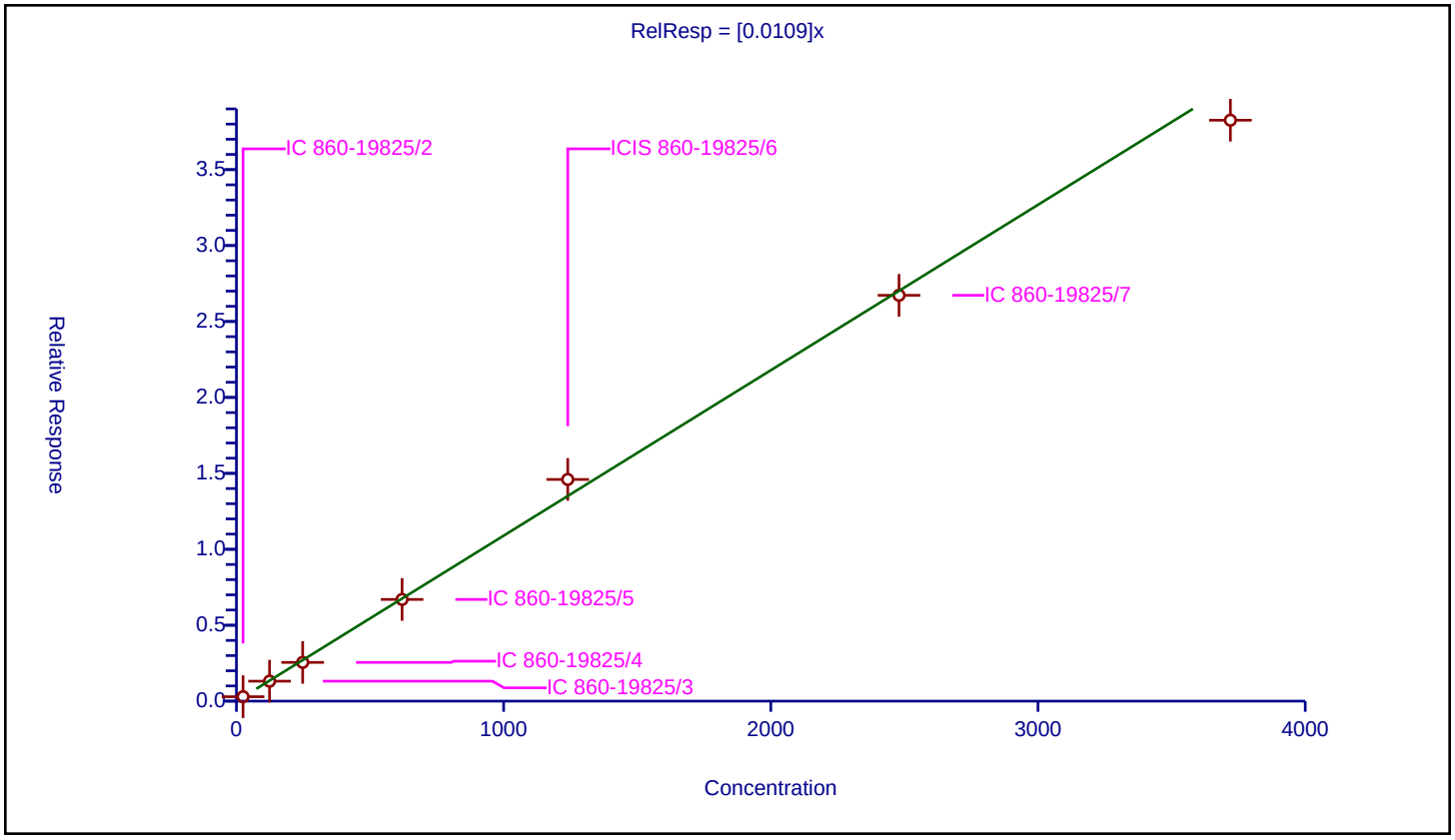
Curve Coefficients

Intercept:	0
Slope:	0.0109

Error Coefficients

Standard Error:	318000
Relative Standard Error:	5.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	24.8	0.291223	50.0	751314.0	0.011743	Y
2	IC 860-19825/3	124.0	1.314352	50.0	779129.0	0.0106	Y
3	IC 860-19825/4	248.0	2.551653	50.0	795602.0	0.010289	Y
4	IC 860-19825/5	620.0	6.697423	50.0	785862.0	0.010802	Y
5	ICIS 860-19825/6	1240.0	14.597618	50.0	779545.0	0.011772	Y
6	IC 860-19825/7	2480.0	26.724261	50.0	771432.0	0.010776	Y
7	IC 860-19825/8	3720.0	38.254161	50.0	795984.0	0.010283	Y



Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

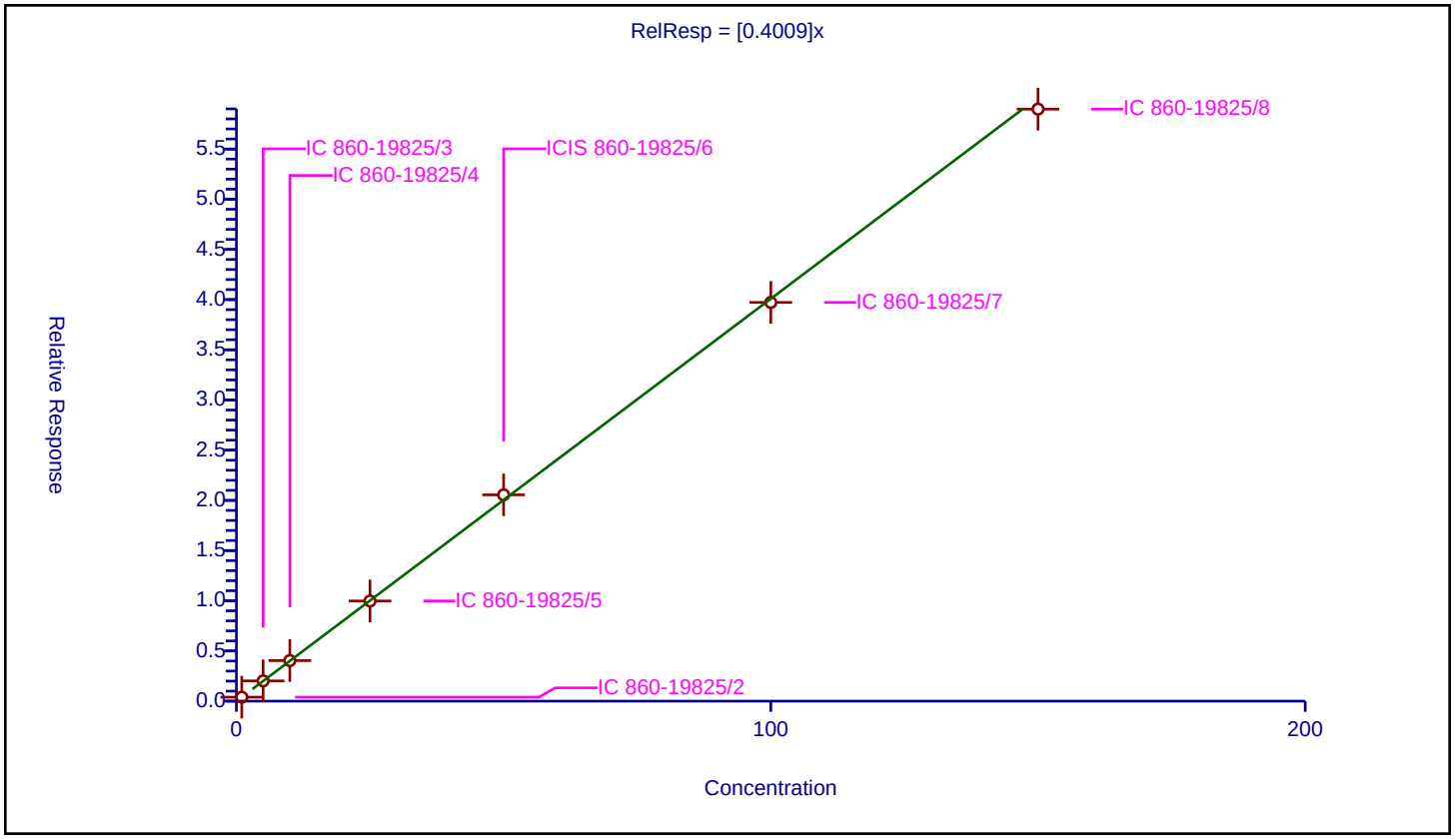
Curve Coefficients

Intercept:	0
Slope:	0.4009

Error Coefficients

Standard Error:	481000
Relative Standard Error:	1.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	0.39757	50.0	751314.0	0.39757	Y
2	IC 860-19825/3	5.0	2.018729	50.0	779129.0	0.403746	Y
3	IC 860-19825/4	10.0	4.04084	50.0	795602.0	0.404084	Y
4	IC 860-19825/5	25.0	9.978279	50.0	785862.0	0.399131	Y
5	ICIS 860-19825/6	50.0	20.55186	50.0	779545.0	0.411037	Y
6	IC 860-19825/7	100.0	39.722101	50.0	771432.0	0.397221	Y
7	IC 860-19825/8	150.0	58.975746	50.0	795984.0	0.393172	Y



Calibration / Methylcyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

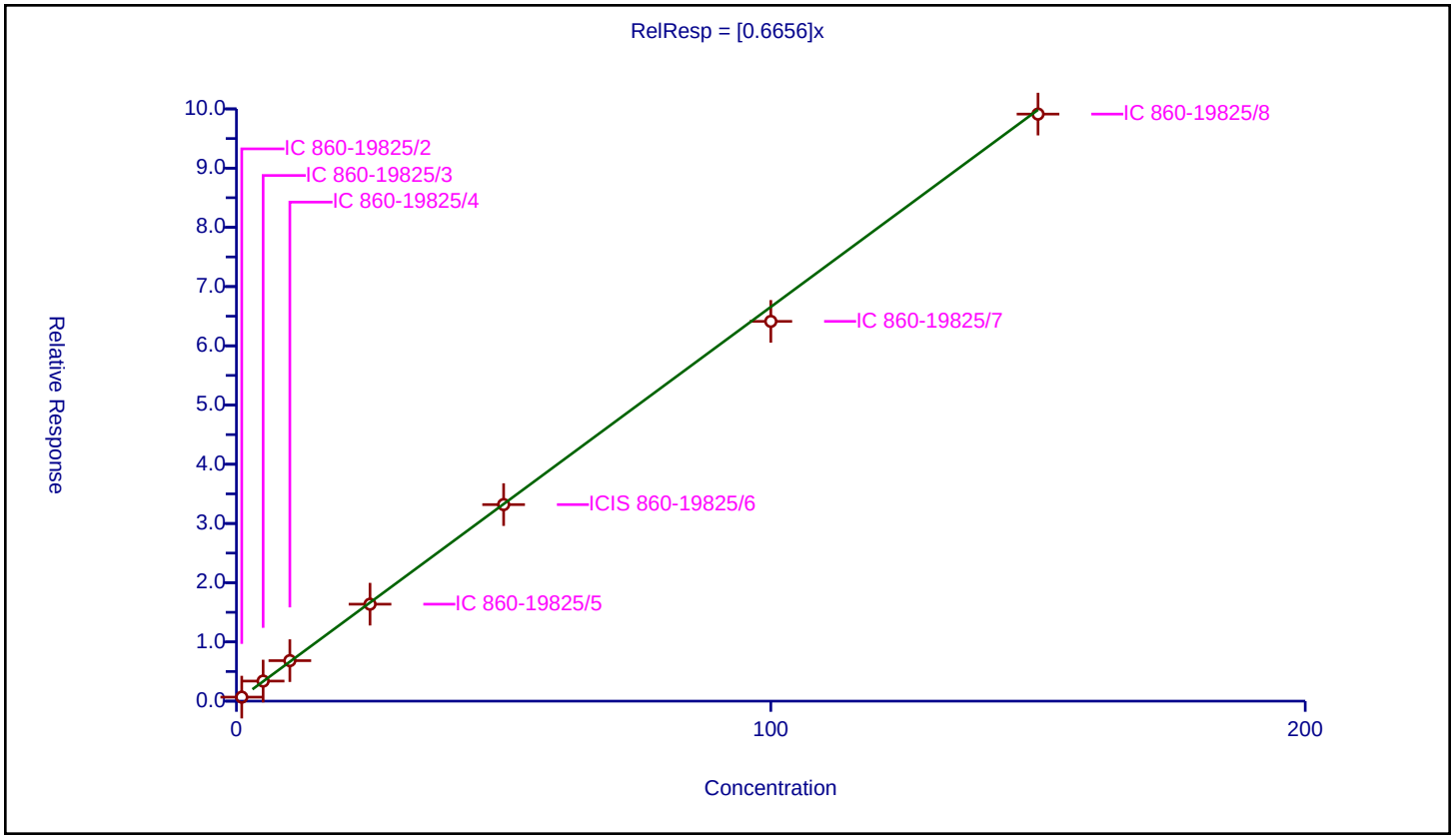
Curve Coefficients

Intercept:	0
Slope:	0.6656

Error Coefficients

Standard Error:	798000
Relative Standard Error:	2.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	0.67748	50.0	751314.0	0.67748	Y
2	IC 860-19825/3	5.0	3.386987	50.0	779129.0	0.677397	Y
3	IC 860-19825/4	10.0	6.840041	50.0	795602.0	0.684004	Y
4	IC 860-19825/5	25.0	16.371704	50.0	785862.0	0.654868	Y
5	ICIS 860-19825/6	50.0	33.18641	50.0	779545.0	0.663728	Y
6	IC 860-19825/7	100.0	64.123604	50.0	771432.0	0.641236	Y
7	IC 860-19825/8	150.0	99.1236	50.0	795984.0	0.660824	Y



Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

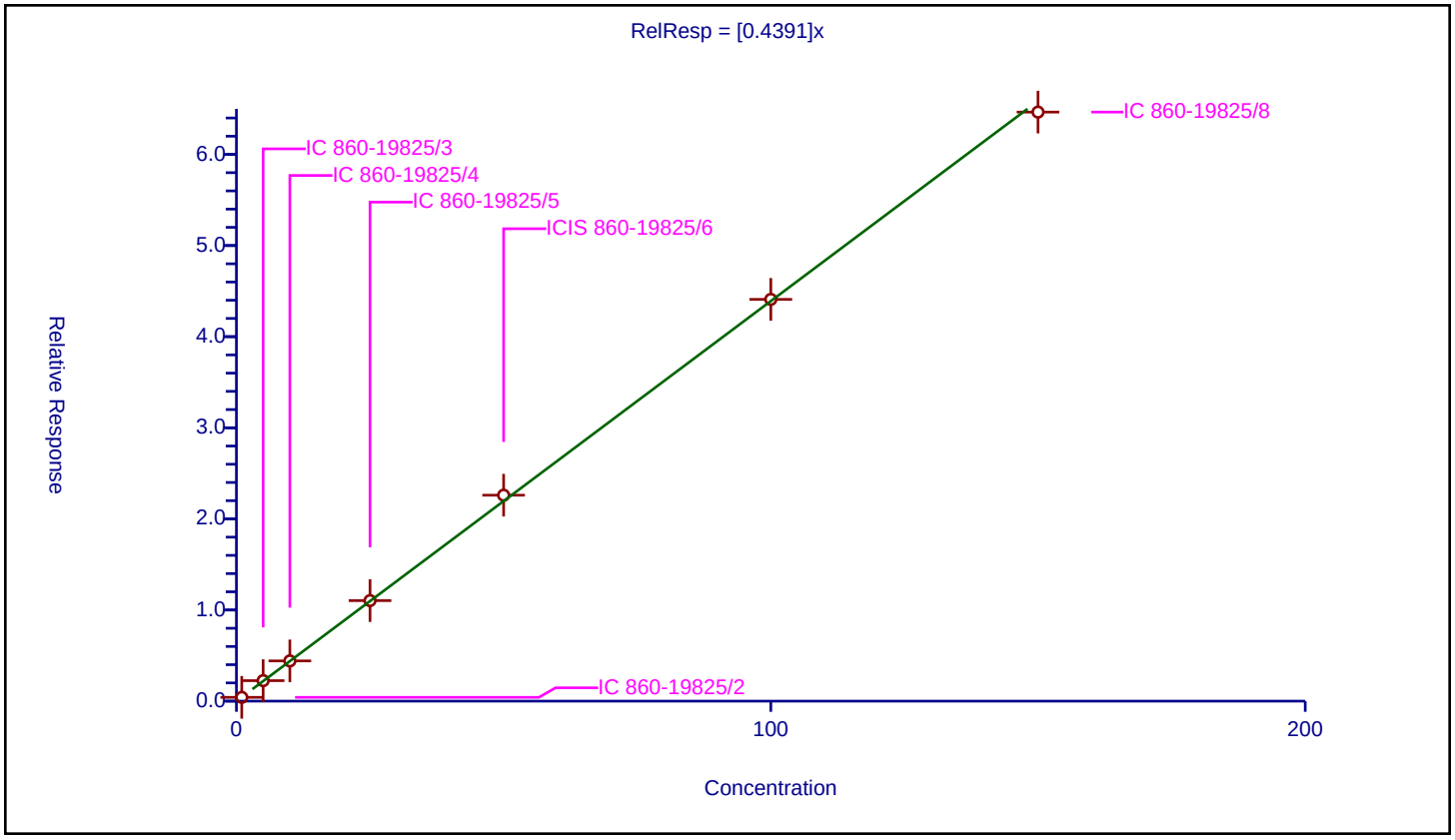
Curve Coefficients

Intercept:	0
Slope:	0.4391

Error Coefficients

Standard Error:	530000
Relative Standard Error:	2.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	0.417202	50.0	751314.0	0.417202	Y
2	IC 860-19825/3	5.0	2.247959	50.0	779129.0	0.449592	Y
3	IC 860-19825/4	10.0	4.414959	50.0	795602.0	0.441496	Y
4	IC 860-19825/5	25.0	11.033489	50.0	785862.0	0.44134	Y
5	ICIS 860-19825/6	50.0	22.603506	50.0	779545.0	0.45207	Y
6	IC 860-19825/7	100.0	44.094813	50.0	771432.0	0.440948	Y
7	IC 860-19825/8	150.0	64.650294	50.0	795984.0	0.431002	Y



Calibration / Methyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

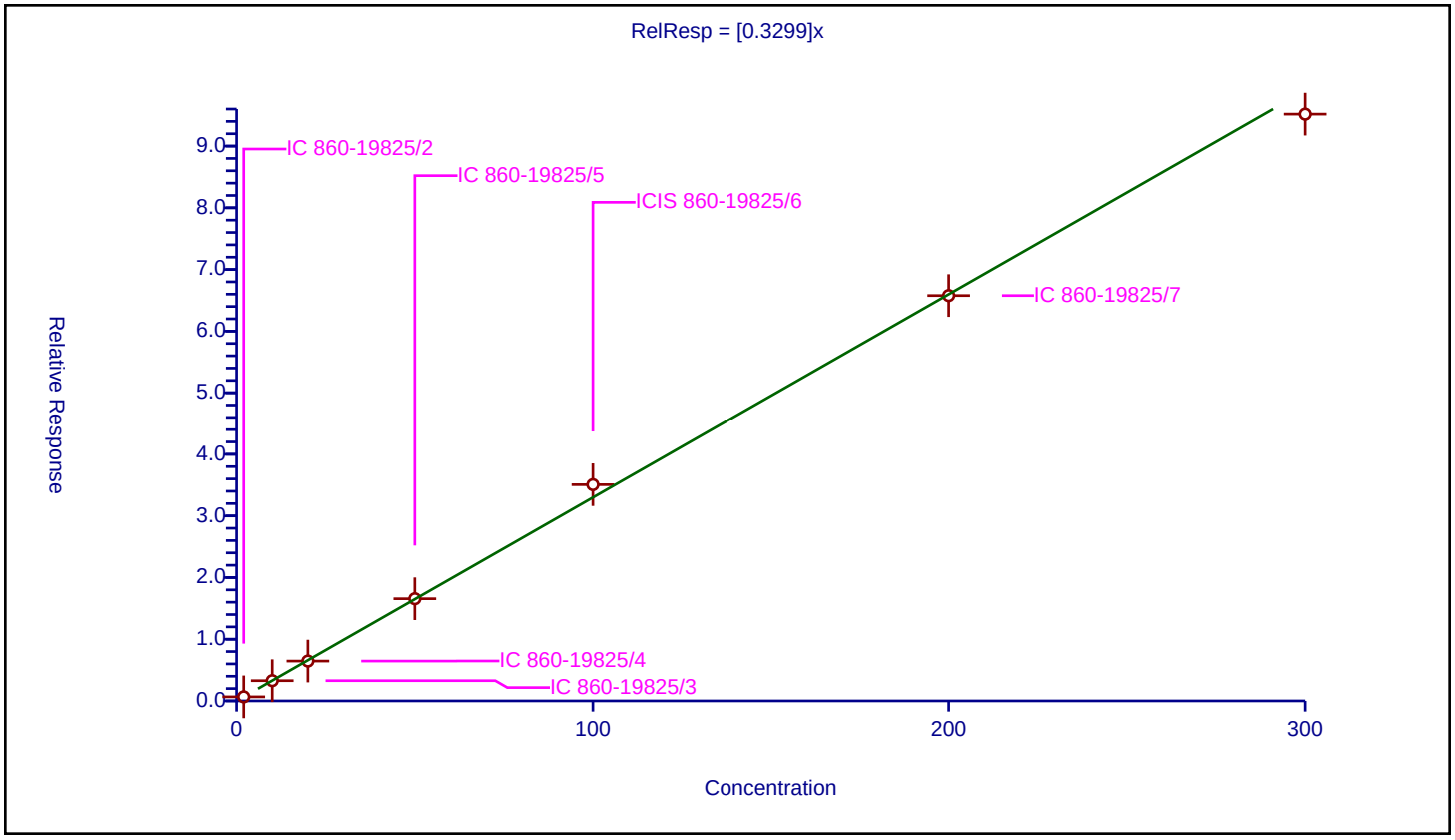
Curve Coefficients

Intercept:	0
Slope:	0.3299

Error Coefficients

Standard Error:	786000
Relative Standard Error:	3.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	2.0	0.660243	50.0	751314.0	0.330122	Y
2	IC 860-19825/3	10.0	3.277314	50.0	779129.0	0.327731	Y
3	IC 860-19825/4	20.0	6.461585	50.0	795602.0	0.323079	Y
4	IC 860-19825/5	50.0	16.566585	50.0	785862.0	0.331332	Y
5	ICIS 860-19825/6	100.0	35.073088	50.0	779545.0	0.350731	Y
6	IC 860-19825/7	200.0	65.771448	50.0	771432.0	0.328857	Y
7	IC 860-19825/8	300.0	95.173961	50.0	795984.0	0.317247	Y



Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

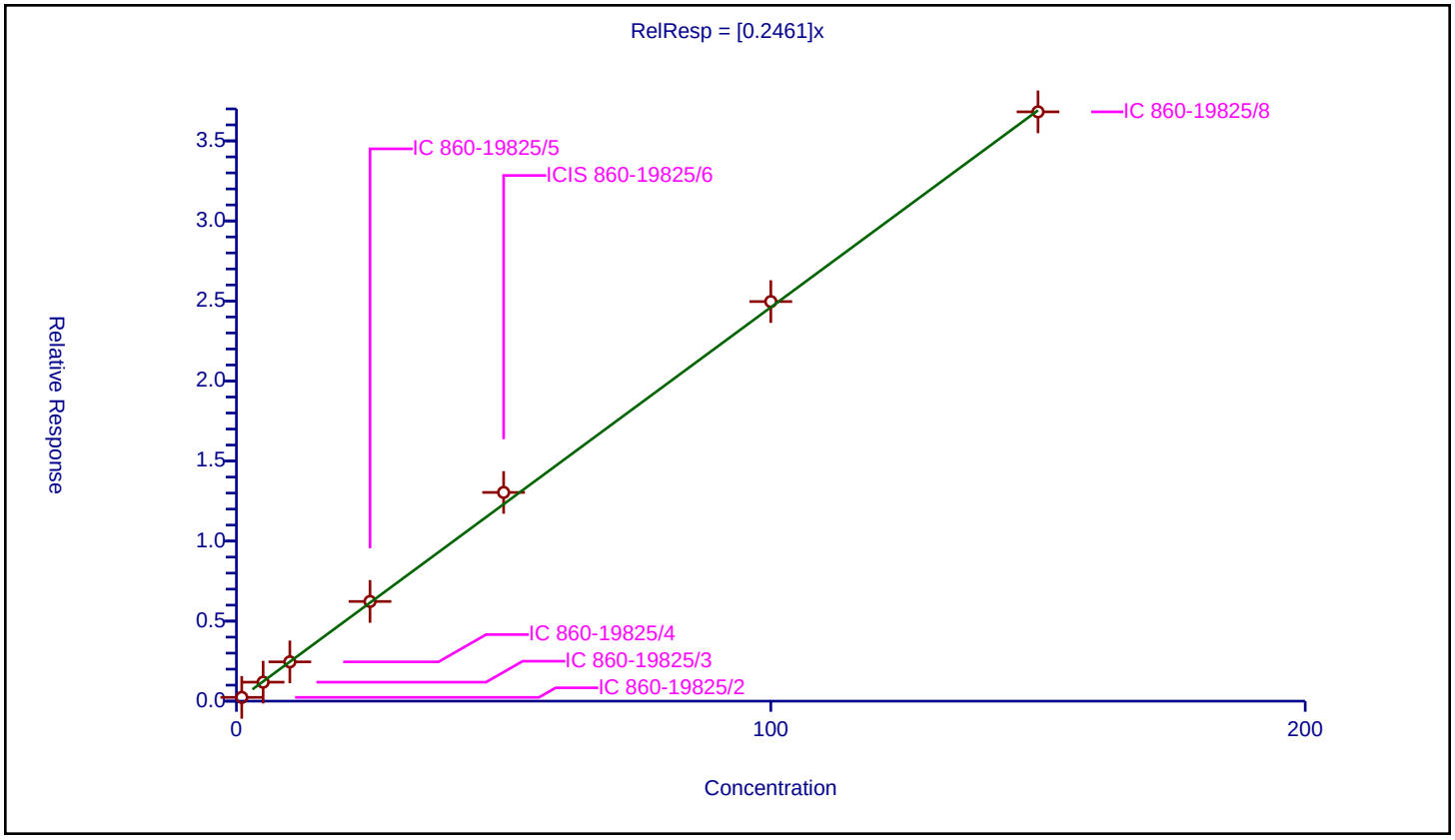
Curve Coefficients

Intercept:	0
Slope:	0.2461

Error Coefficients

Standard Error:	301000
Relative Standard Error:	3.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	0.235055	50.0	751314.0	0.235055	Y
2	IC 860-19825/3	5.0	1.18517	50.0	779129.0	0.237034	Y
3	IC 860-19825/4	10.0	2.4533	50.0	795602.0	0.24533	Y
4	IC 860-19825/5	25.0	6.227556	50.0	785862.0	0.249102	Y
5	ICIS 860-19825/6	50.0	13.039401	50.0	779545.0	0.260788	Y
6	IC 860-19825/7	100.0	24.962472	50.0	771432.0	0.249625	Y
7	IC 860-19825/8	150.0	36.81525	50.0	795984.0	0.245435	Y



Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

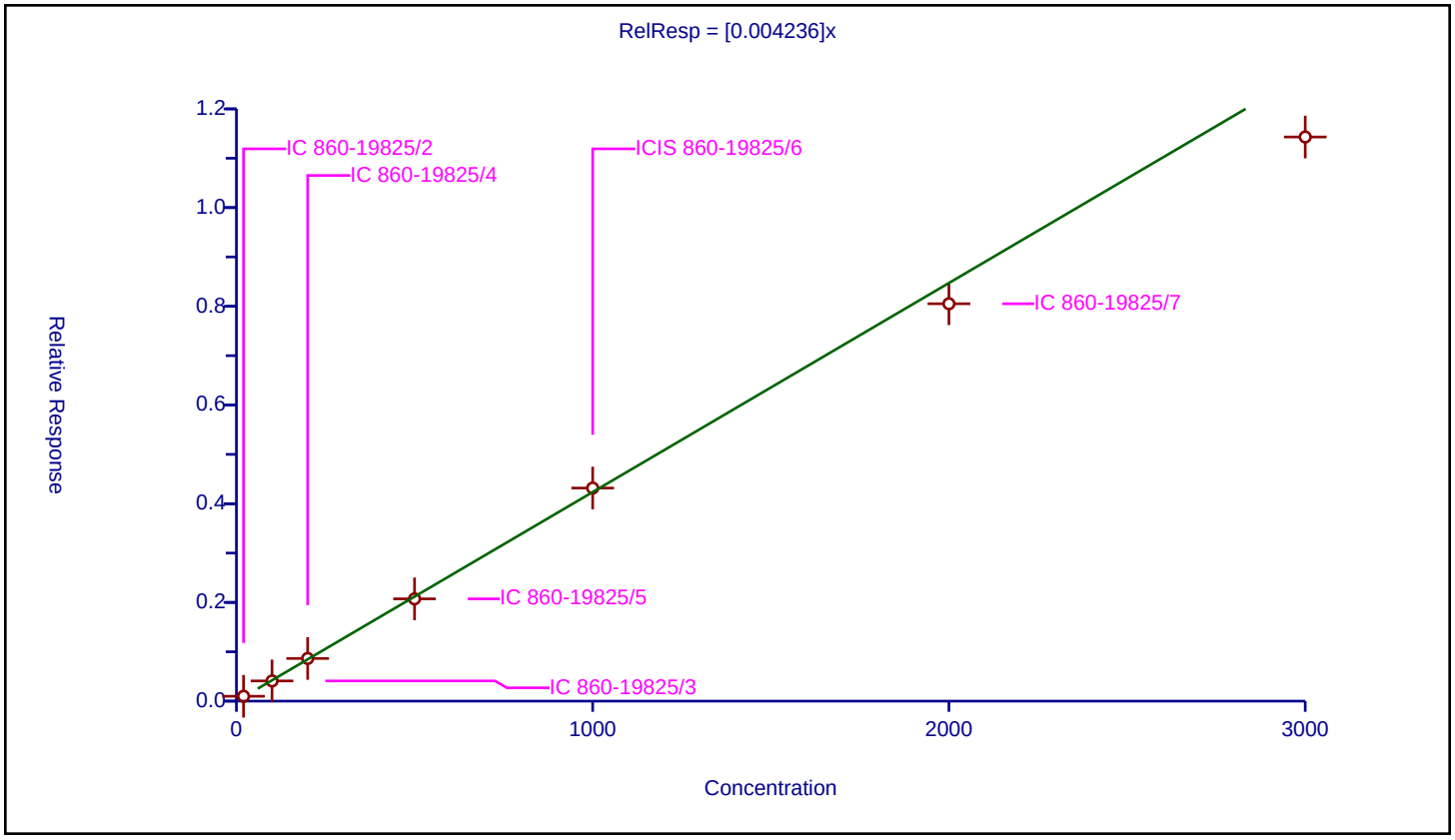
Curve Coefficients

Intercept:	0
Slope:	0.004236

Error Coefficients

Standard Error:	95200
Relative Standard Error:	8.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	20.0	0.09876	50.0	751314.0	0.004938	Y
2	IC 860-19825/3	100.0	0.409303	50.0	779129.0	0.004093	Y
3	IC 860-19825/4	200.0	0.864691	50.0	795602.0	0.004323	Y
4	IC 860-19825/5	500.0	2.072374	50.0	785862.0	0.004145	Y
5	ICIS 860-19825/6	1000.0	4.31739	50.0	779545.0	0.004317	Y
6	IC 860-19825/7	2000.0	8.051649	50.0	771432.0	0.004026	Y
7	IC 860-19825/8	3000.0	11.430506	50.0	795984.0	0.00381	Y



Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

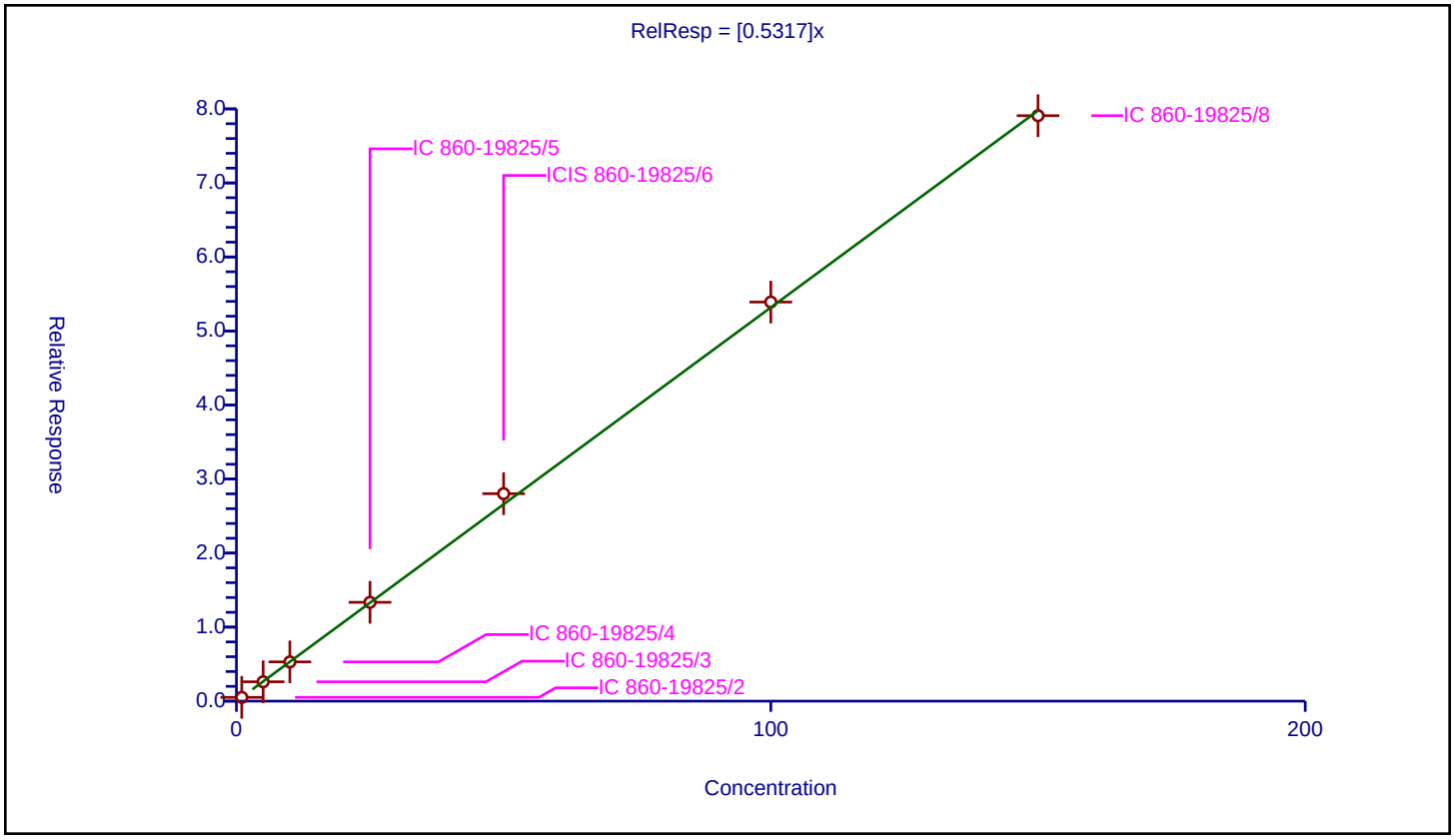
Curve Coefficients

Intercept:	0
Slope:	0.5317

Error Coefficients

Standard Error:	648000
Relative Standard Error:	3.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	0.508309	50.0	751314.0	0.508309	Y
2	IC 860-19825/3	5.0	2.614073	50.0	779129.0	0.522815	Y
3	IC 860-19825/4	10.0	5.302966	50.0	795602.0	0.530297	Y
4	IC 860-19825/5	25.0	13.350436	50.0	785862.0	0.534017	Y
5	ICIS 860-19825/6	50.0	28.023591	50.0	779545.0	0.560472	Y
6	IC 860-19825/7	100.0	53.907992	50.0	771432.0	0.53908	Y
7	IC 860-19825/8	150.0	79.082494	50.0	795984.0	0.527217	Y



Calibration / 2-Nitropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

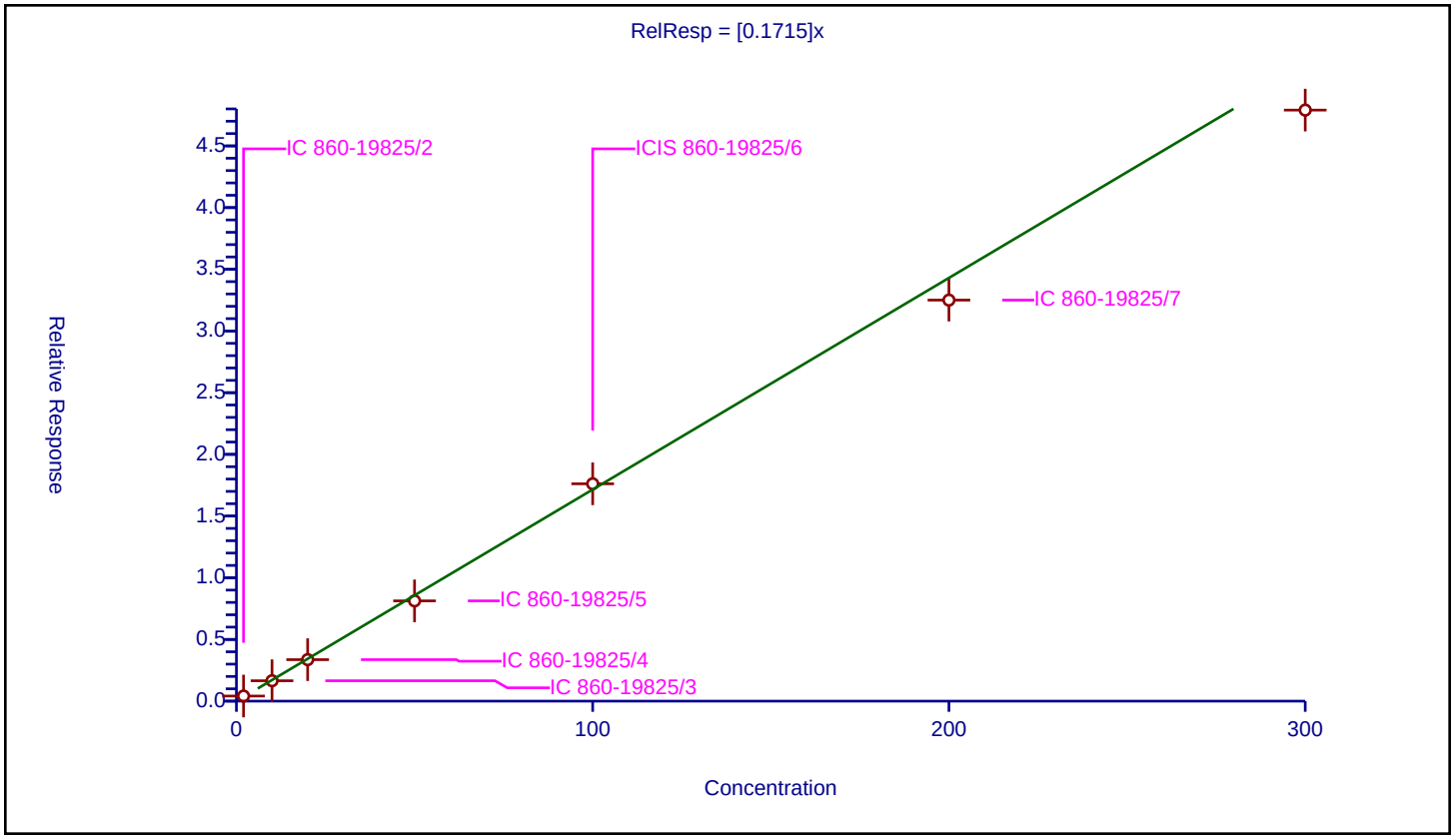
Curve Coefficients

Intercept:	0
Slope:	0.1715

Error Coefficients

Standard Error:	333000
Relative Standard Error:	9.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	2.0	0.412579	50.0	616973.0	0.206289	Y
2	IC 860-19825/3	10.0	1.653015	50.0	646697.0	0.165302	Y
3	IC 860-19825/4	20.0	3.362356	50.0	661099.0	0.168118	Y
4	IC 860-19825/5	50.0	8.125943	50.0	662840.0	0.162519	Y
5	ICIS 860-19825/6	100.0	17.615521	50.0	658601.0	0.176155	Y
6	IC 860-19825/7	200.0	32.502352	50.0	661066.0	0.162512	Y
7	IC 860-19825/8	300.0	47.903892	50.0	670123.0	0.15968	Y



Calibration / 2-Chloroethyl vinyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

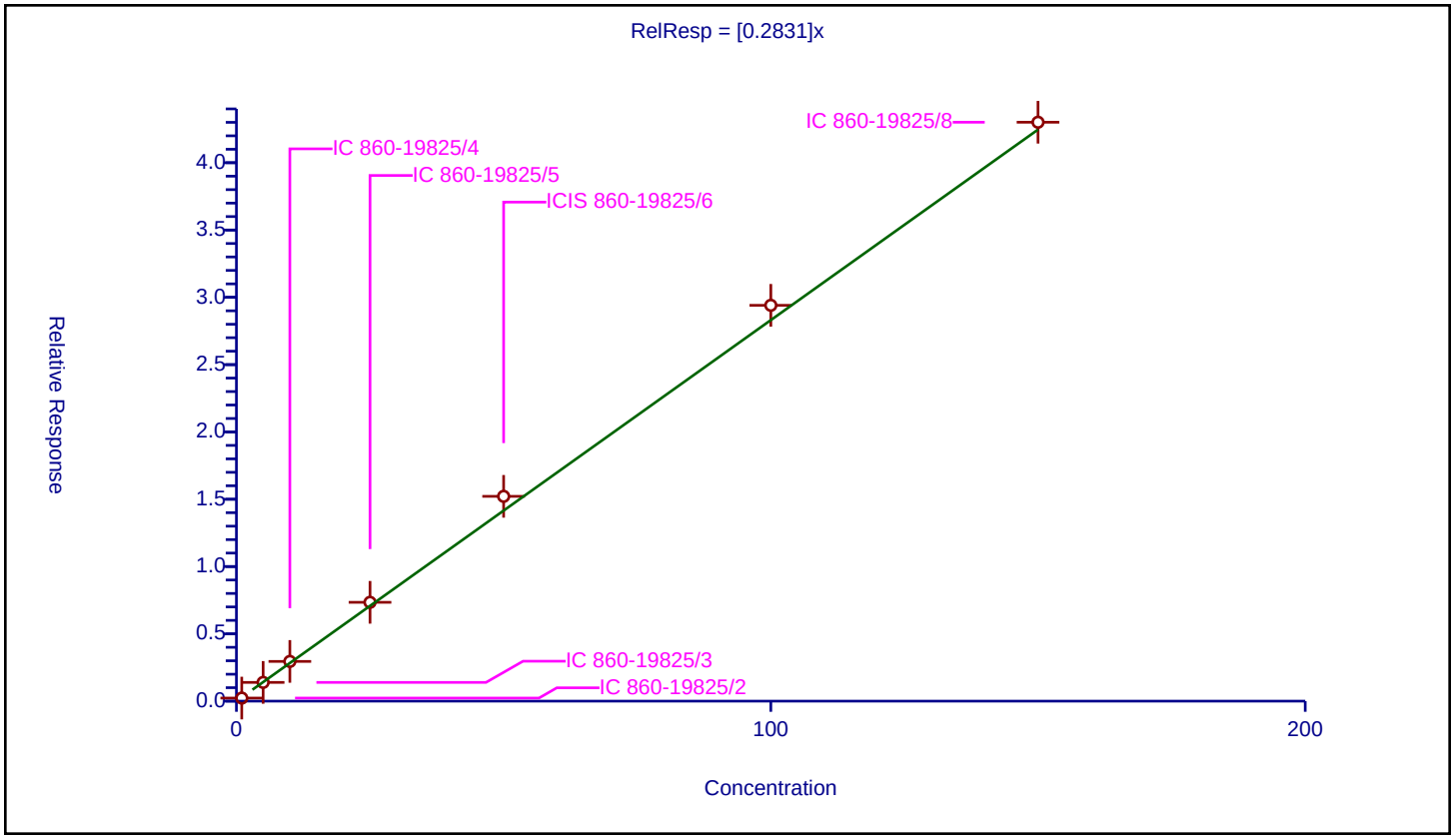
Curve Coefficients

Intercept:	0
Slope:	0.2831

Error Coefficients

Standard Error:	353000
Relative Standard Error:	8.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	0.229265	50.0	751314.0	0.229265	Y
2	IC 860-19825/3	5.0	1.392517	50.0	779129.0	0.278503	Y
3	IC 860-19825/4	10.0	2.950407	50.0	795602.0	0.295041	Y
4	IC 860-19825/5	25.0	7.342129	50.0	785862.0	0.293685	Y
5	ICIS 860-19825/6	50.0	15.216184	50.0	779545.0	0.304324	Y
6	IC 860-19825/7	100.0	29.407582	50.0	771432.0	0.294076	Y
7	IC 860-19825/8	150.0	43.008905	50.0	795984.0	0.286726	Y



Calibration / cis-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

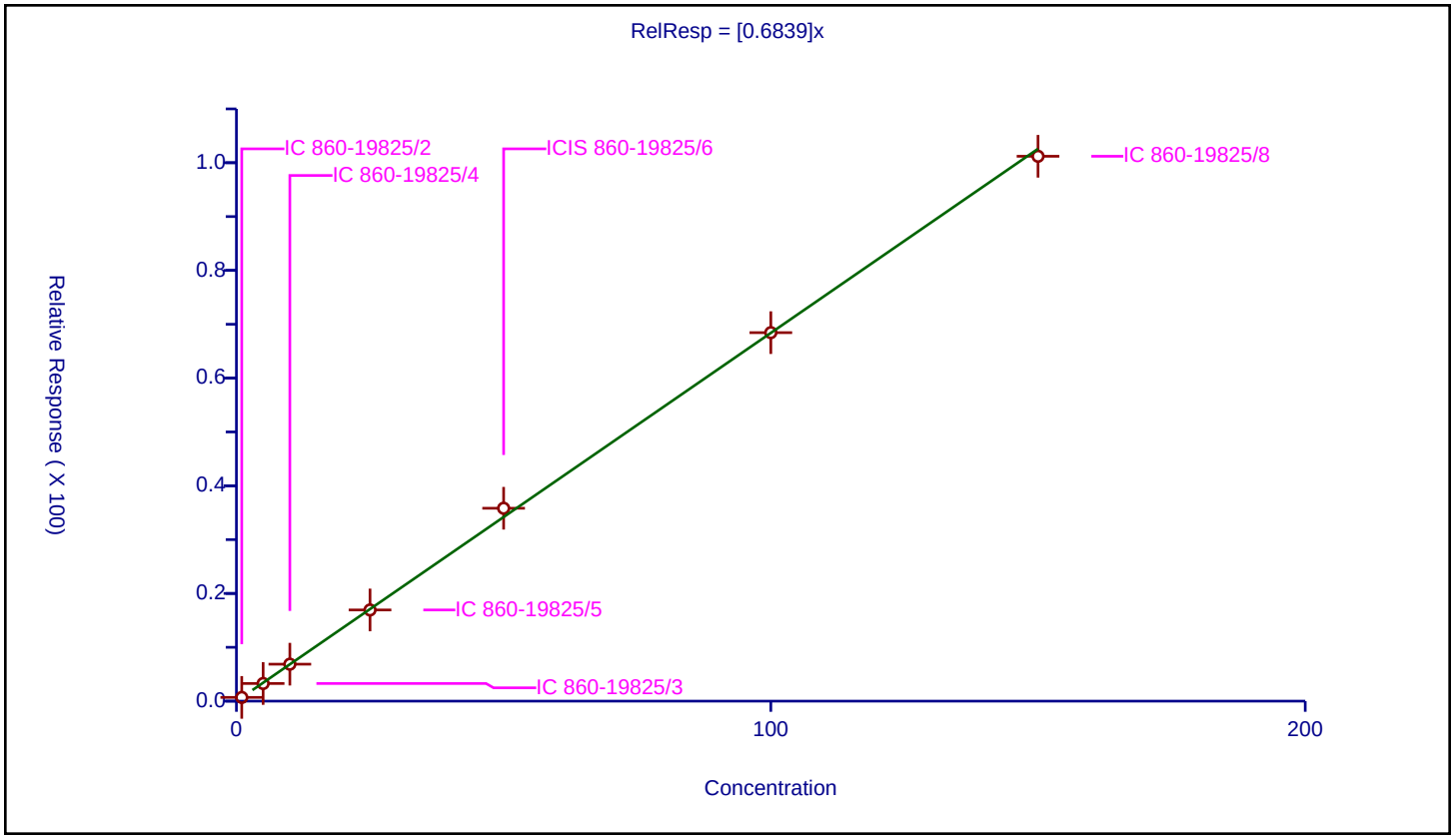
Curve Coefficients

Intercept:	0
Slope:	0.6839

Error Coefficients

Standard Error:	827000
Relative Standard Error:	2.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	0.69252	50.0	751314.0	0.69252	Y
2	IC 860-19825/3	5.0	3.274811	50.0	779129.0	0.654962	Y
3	IC 860-19825/4	10.0	6.865682	50.0	795602.0	0.686568	Y
4	IC 860-19825/5	25.0	16.933062	50.0	785862.0	0.677322	Y
5	ICIS 860-19825/6	50.0	35.826796	50.0	779545.0	0.716536	Y
6	IC 860-19825/7	100.0	68.439474	50.0	771432.0	0.684395	Y
7	IC 860-19825/8	150.0	101.197574	50.0	795984.0	0.67465	Y



Calibration / 4-Methyl-2-pentanone (MIBK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

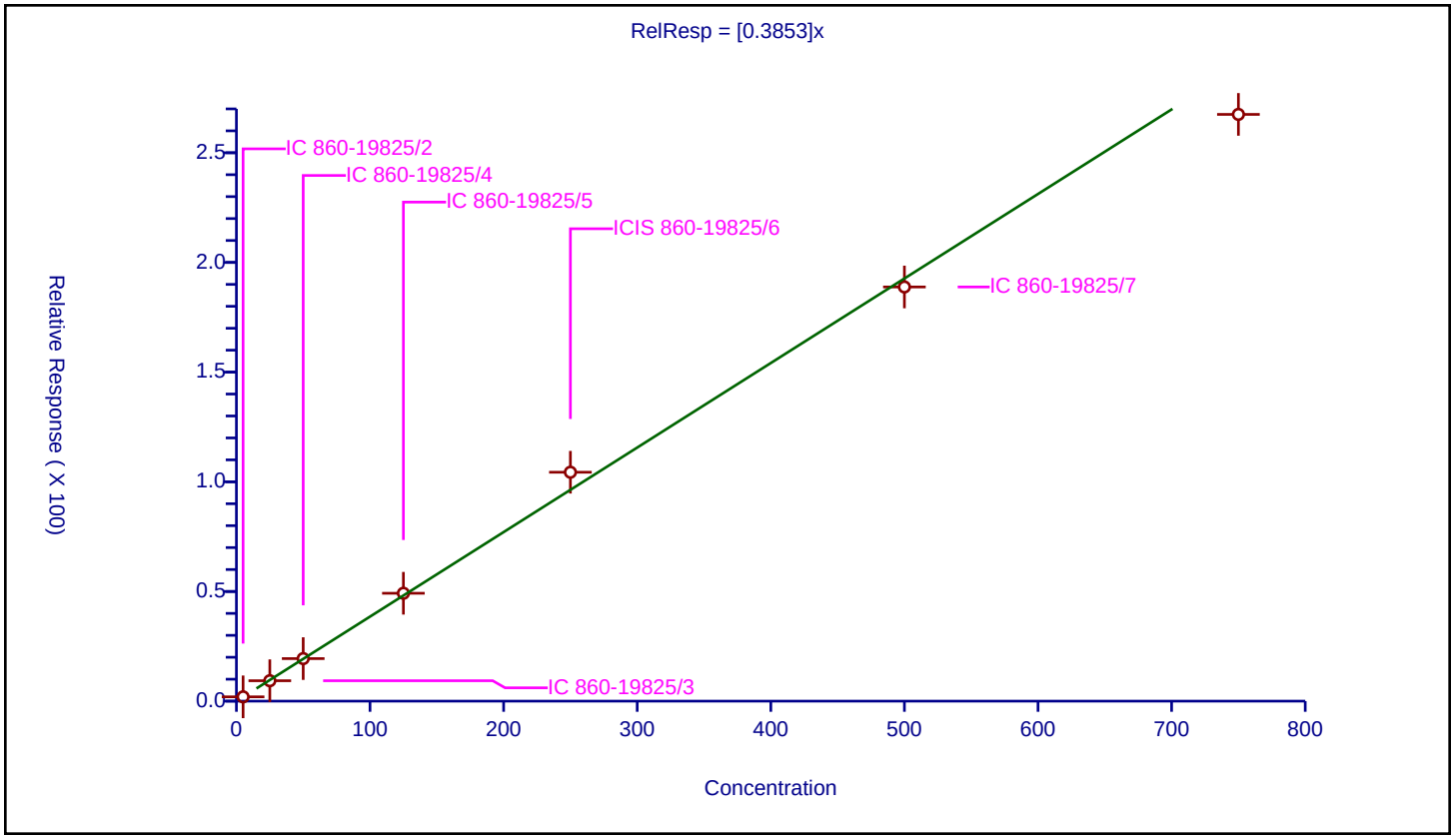
Curve Coefficients

Intercept:	0
Slope:	0.3853

Error Coefficients

Standard Error:	2240000
Relative Standard Error:	5.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	5.0	1.960964	50.0	751314.0	0.392193	Y
2	IC 860-19825/3	25.0	9.303017	50.0	779129.0	0.372121	Y
3	IC 860-19825/4	50.0	19.398393	50.0	795602.0	0.387968	Y
4	IC 860-19825/5	125.0	49.179182	50.0	785862.0	0.393433	Y
5	ICIS 860-19825/6	250.0	104.360428	50.0	779545.0	0.417442	Y
6	IC 860-19825/7	500.0	188.818392	50.0	771432.0	0.377637	Y
7	IC 860-19825/8	750.0	267.491118	50.0	795984.0	0.356655	Y



Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

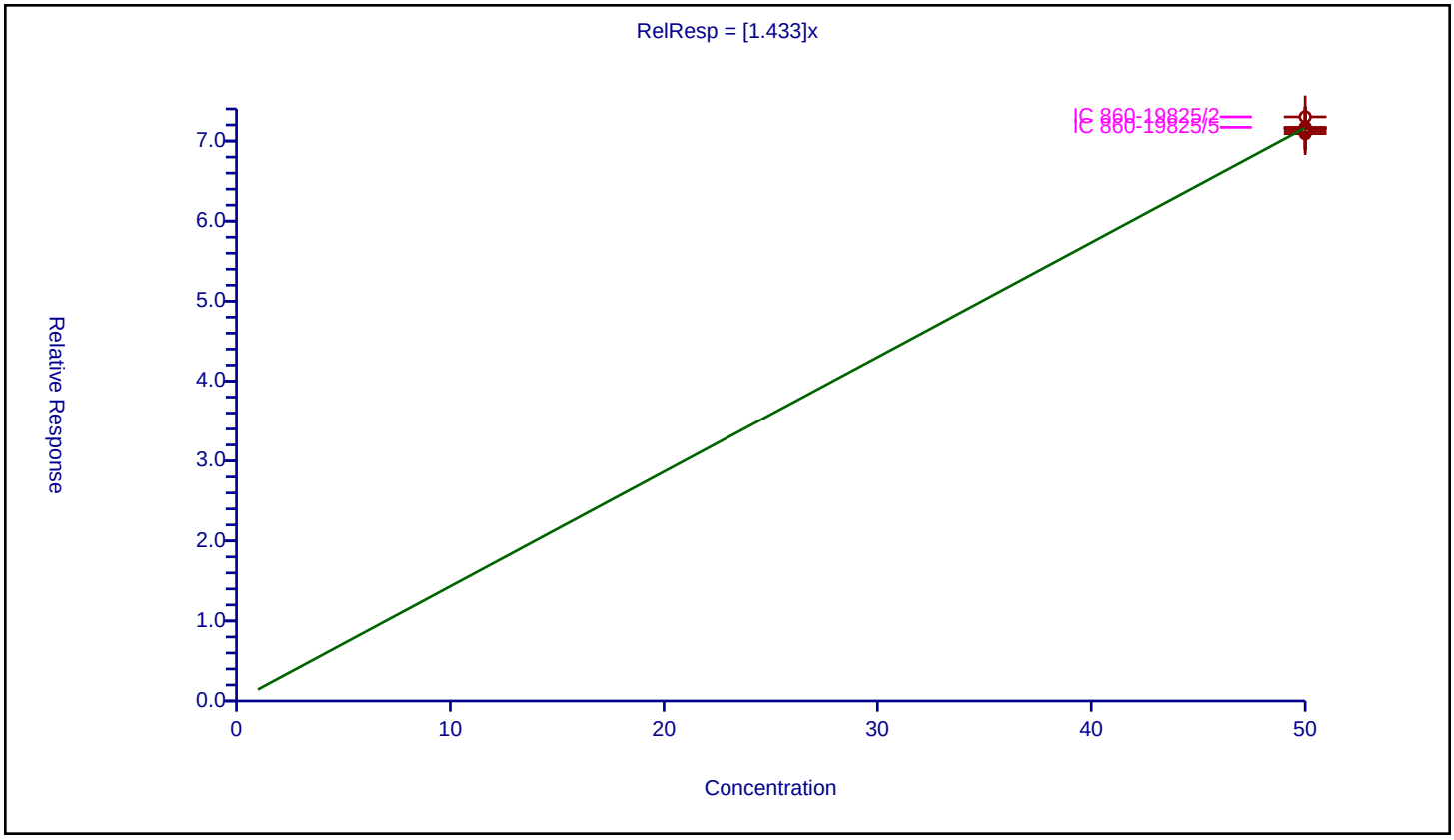
Curve Coefficients

Intercept:	0
Slope:	1.433

Error Coefficients

Standard Error:	1010000
Relative Standard Error:	0.9
Correlation Coefficient:	0.00000000000000000000
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	50.0	73.004167	50.0	616973.0	1.460083	Y
2	IC 860-19825/3	50.0	71.53899	50.0	646697.0	1.43078	Y
3	IC 860-19825/4	50.0	71.607883	50.0	661099.0	1.432158	Y
4	IC 860-19825/5	50.0	71.708105	50.0	662840.0	1.434162	Y
5	ICIS 860-19825/6	50.0	71.567611	50.0	658601.0	1.431352	Y
6	IC 860-19825/7	50.0	70.924234	50.0	661066.0	1.418485	Y
7	IC 860-19825/8	50.0	71.204839	50.0	670123.0	1.424097	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

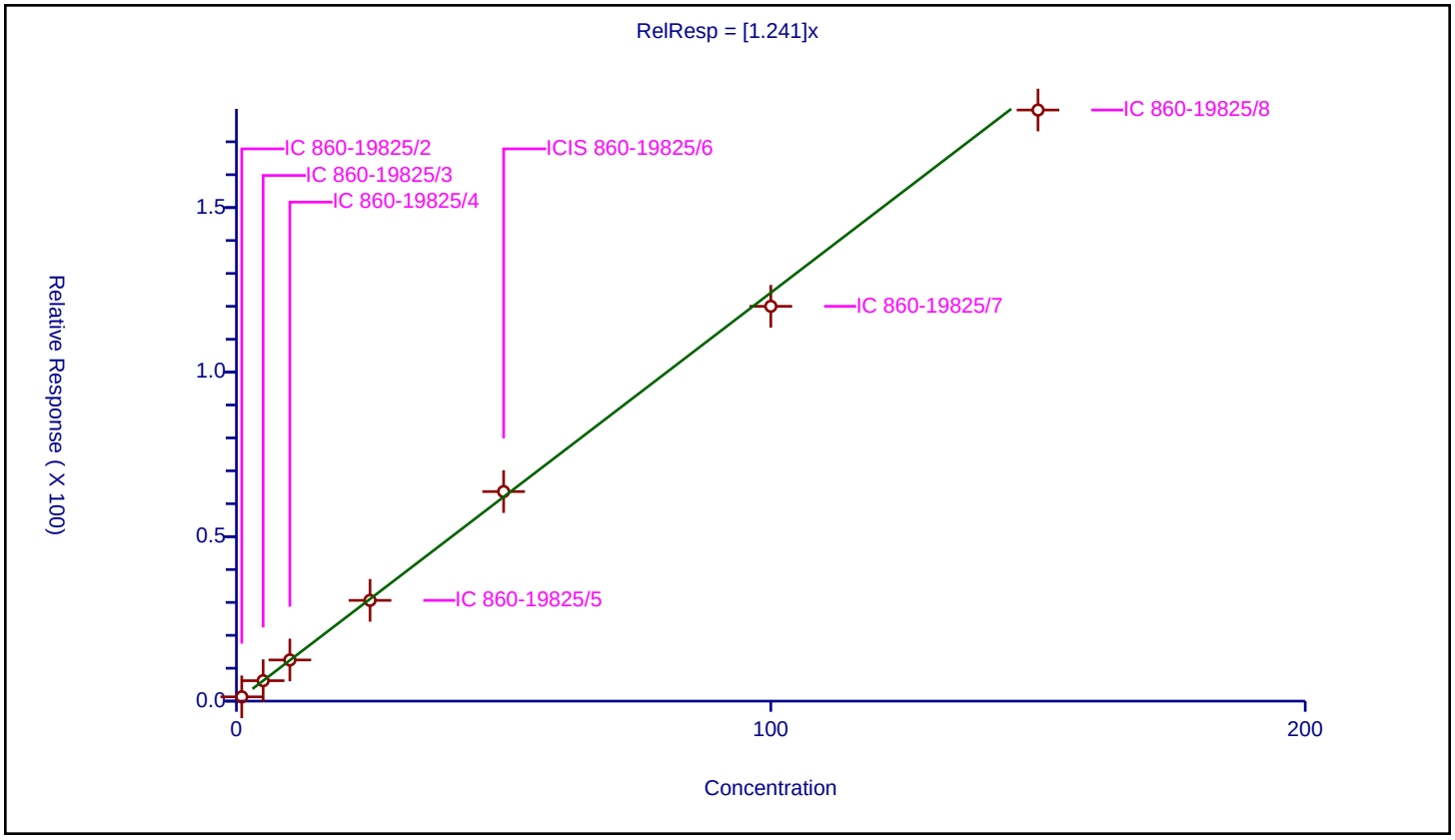
Curve Coefficients

Intercept:	0
Slope:	1.241

Error Coefficients

Standard Error:	1240000
Relative Standard Error:	3.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	1.298436	50.0	616973.0	1.298436	Y
2	IC 860-19825/3	5.0	6.216358	50.0	646697.0	1.243272	Y
3	IC 860-19825/4	10.0	12.512196	50.0	661099.0	1.25122	Y
4	IC 860-19825/5	25.0	30.629262	50.0	662840.0	1.22517	Y
5	ICIS 860-19825/6	50.0	63.691977	50.0	658601.0	1.27384	Y
6	IC 860-19825/7	100.0	120.00481	50.0	661066.0	1.200048	Y
7	IC 860-19825/8	150.0	179.659853	50.0	670123.0	1.197732	Y



Calibration / trans-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

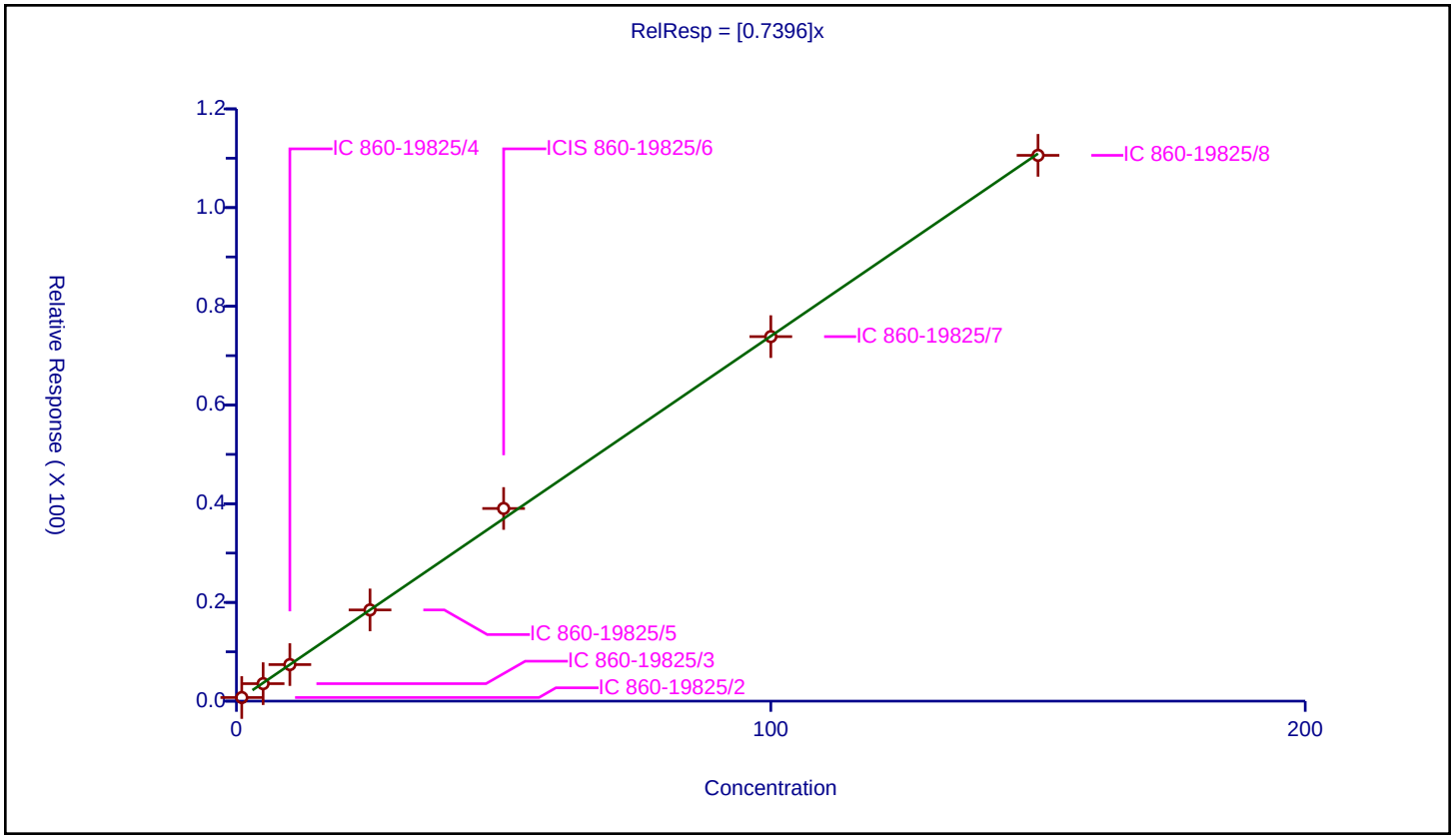
Curve Coefficients

Intercept:	0
Slope:	0.7396

Error Coefficients

Standard Error:	762000
Relative Standard Error:	2.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	0.731961	50.0	616973.0	0.731961	Y
2	IC 860-19825/3	5.0	3.545323	50.0	646697.0	0.709065	Y
3	IC 860-19825/4	10.0	7.404035	50.0	661099.0	0.740403	Y
4	IC 860-19825/5	25.0	18.478517	50.0	662840.0	0.739141	Y
5	ICIS 860-19825/6	50.0	39.035698	50.0	658601.0	0.780714	Y
6	IC 860-19825/7	100.0	73.858435	50.0	661066.0	0.738584	Y
7	IC 860-19825/8	150.0	110.587385	50.0	670123.0	0.737249	Y



Calibration / Ethyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

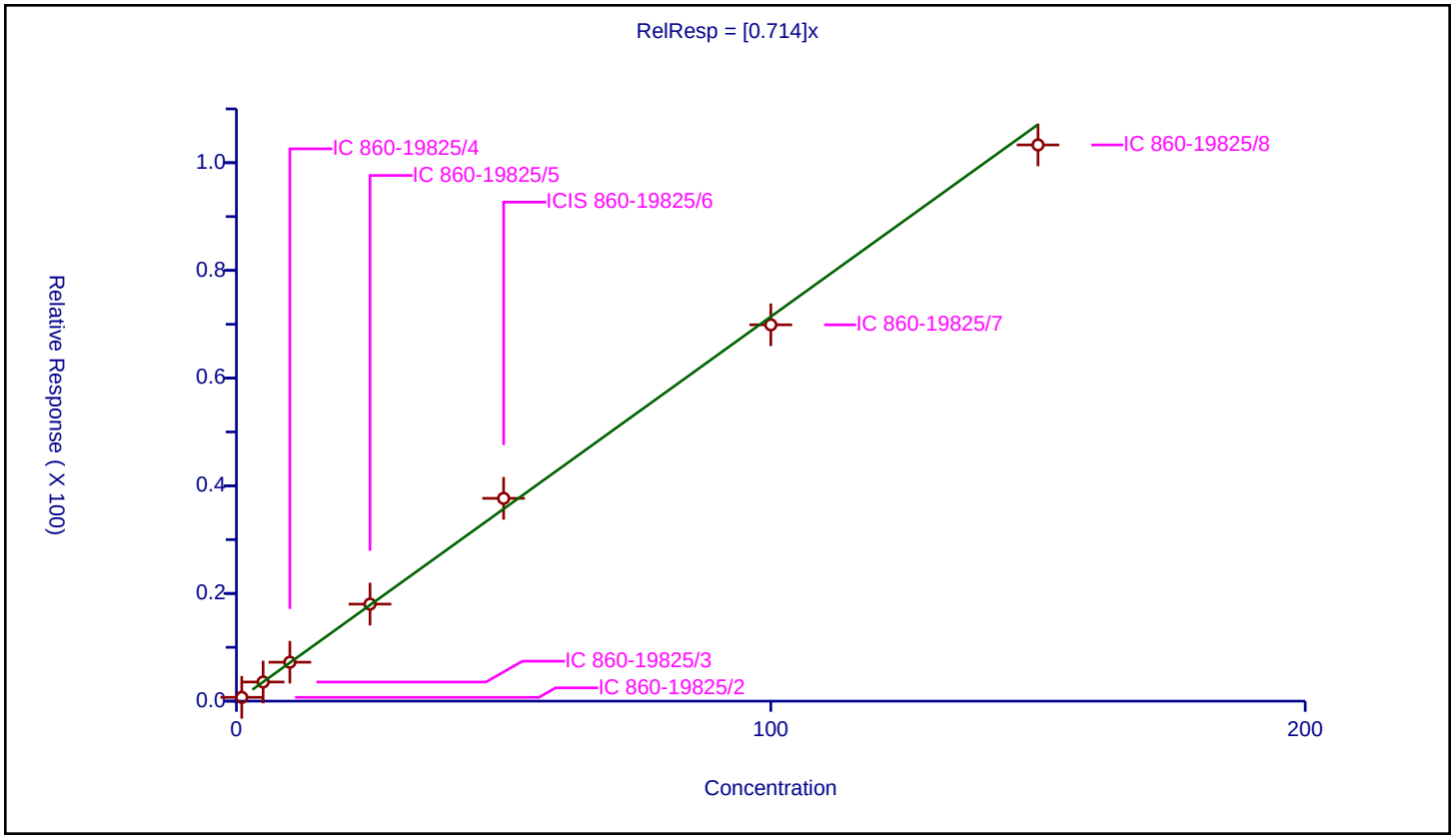
Curve Coefficients

Intercept:	0
Slope:	0.714

Error Coefficients

Standard Error:	717000
Relative Standard Error:	3.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	0.702381	50.0	616973.0	0.702381	Y
2	IC 860-19825/3	5.0	3.554679	50.0	646697.0	0.710936	Y
3	IC 860-19825/4	10.0	7.231065	50.0	661099.0	0.723107	Y
4	IC 860-19825/5	25.0	18.022373	50.0	662840.0	0.720895	Y
5	ICIS 860-19825/6	50.0	37.665825	50.0	658601.0	0.753316	Y
6	IC 860-19825/7	100.0	69.896576	50.0	661066.0	0.698966	Y
7	IC 860-19825/8	150.0	103.306408	50.0	670123.0	0.688709	Y



Calibration / 1,1,2-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

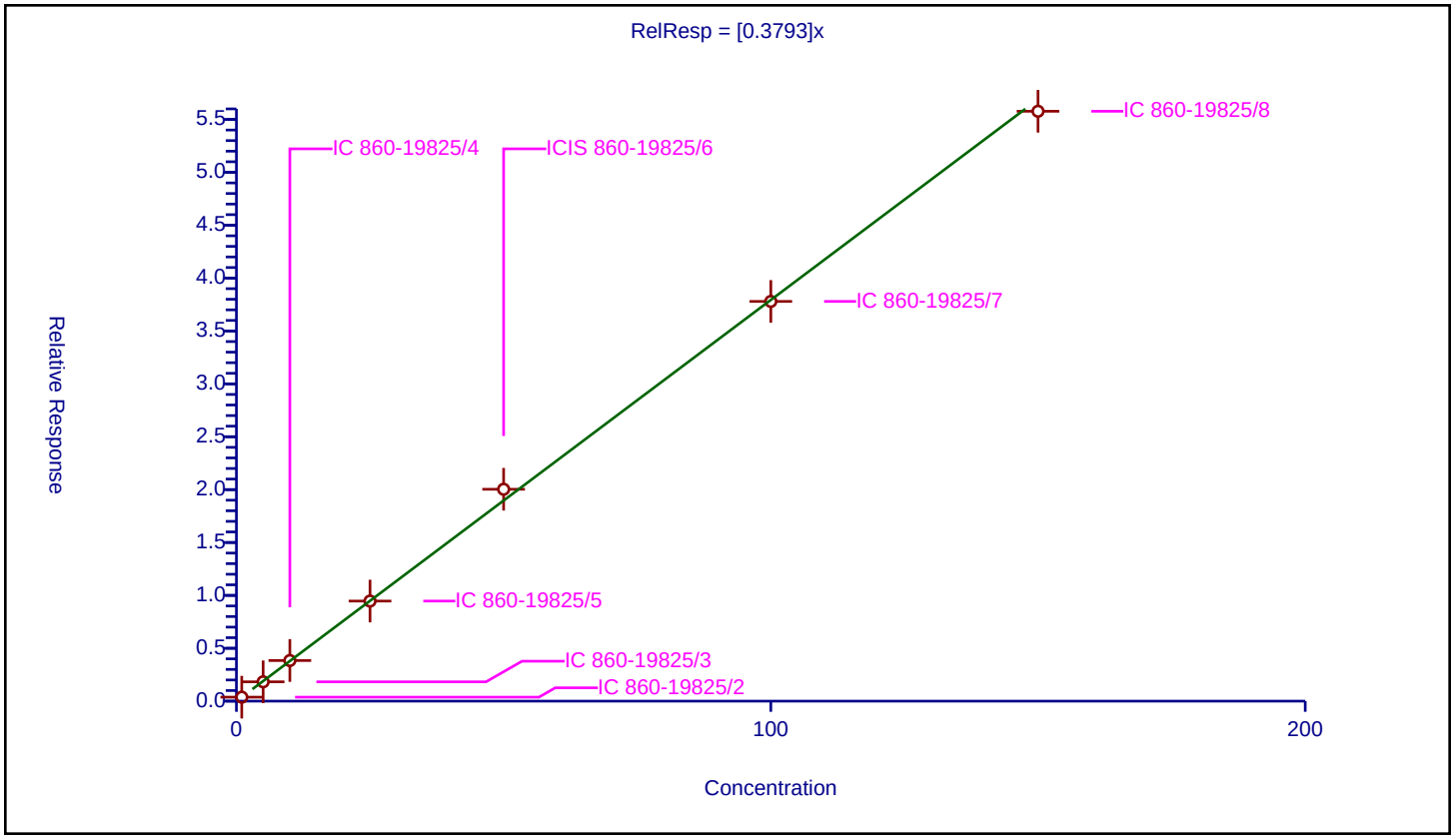
Curve Coefficients

Intercept:	0
Slope:	0.3793

Error Coefficients

Standard Error:	387000
Relative Standard Error:	2.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	0.376759	50.0	616973.0	0.376759	Y
2	IC 860-19825/3	5.0	1.828136	50.0	646697.0	0.365627	Y
3	IC 860-19825/4	10.0	3.838911	50.0	661099.0	0.383891	Y
4	IC 860-19825/5	25.0	9.463747	50.0	662840.0	0.37855	Y
5	ICIS 860-19825/6	50.0	20.036183	50.0	658601.0	0.400724	Y
6	IC 860-19825/7	100.0	37.795016	50.0	661066.0	0.37795	Y
7	IC 860-19825/8	150.0	55.776925	50.0	670123.0	0.371846	Y



Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

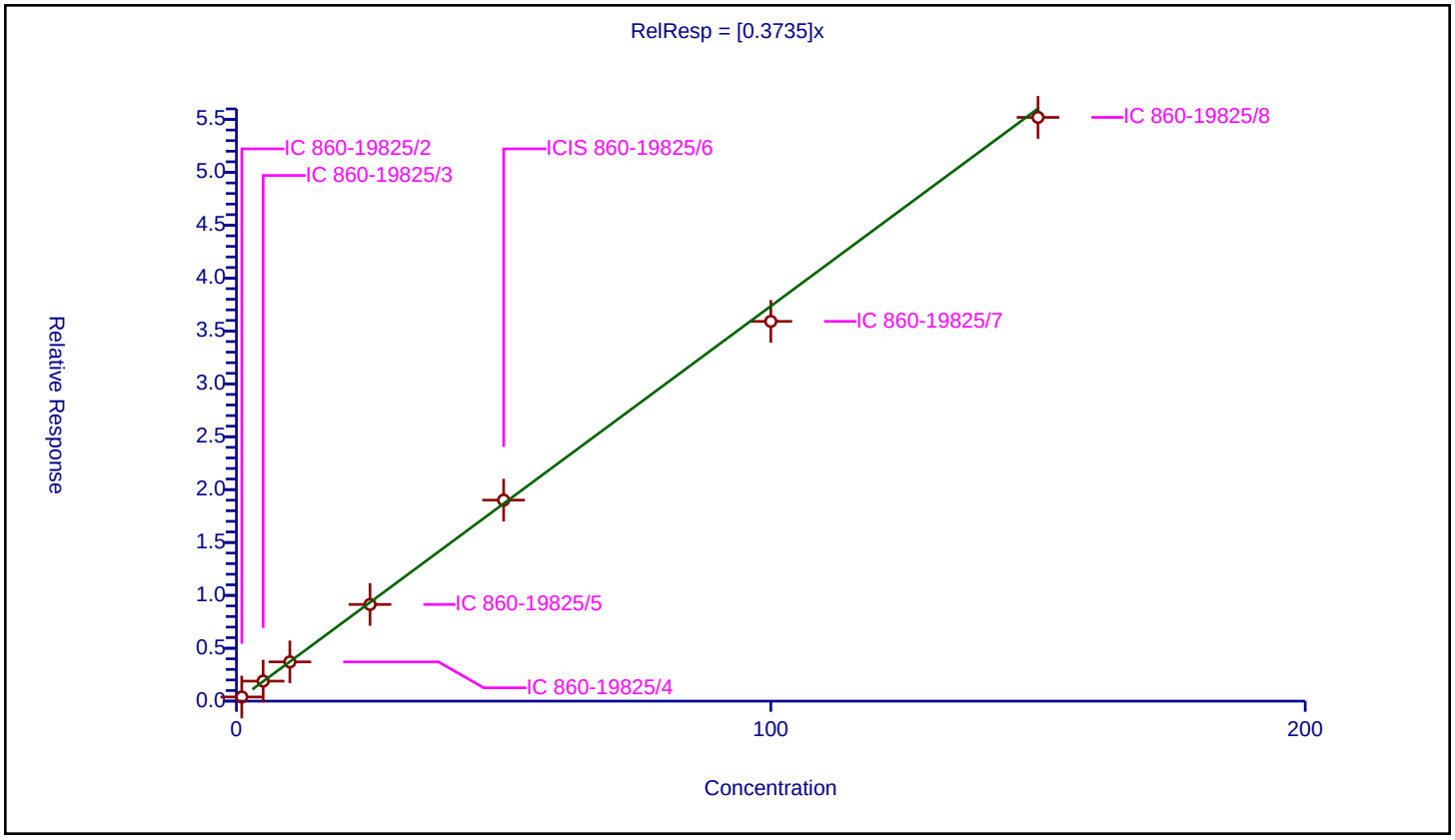
Curve Coefficients

Intercept:	0
Slope:	0.3735

Error Coefficients

Standard Error:	377000
Relative Standard Error:	2.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	0.391913	50.0	616973.0	0.391913	Y
2	IC 860-19825/3	5.0	1.893313	50.0	646697.0	0.378663	Y
3	IC 860-19825/4	10.0	3.711471	50.0	661099.0	0.371147	Y
4	IC 860-19825/5	25.0	9.14293	50.0	662840.0	0.365717	Y
5	ICIS 860-19825/6	50.0	19.00688	50.0	658601.0	0.380138	Y
6	IC 860-19825/7	100.0	35.909274	50.0	661066.0	0.359093	Y
7	IC 860-19825/8	150.0	55.197628	50.0	670123.0	0.367984	Y



Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

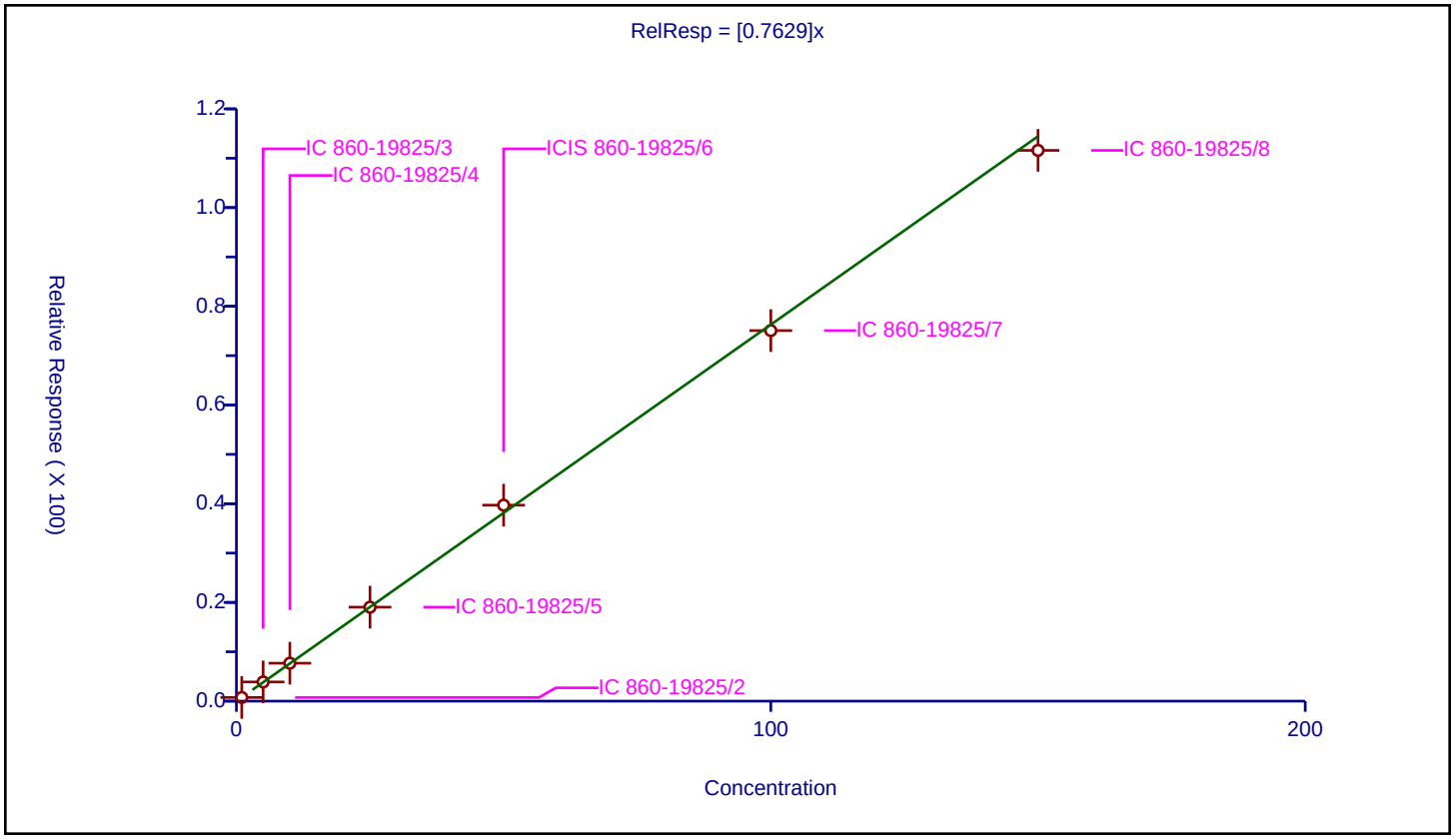
Curve Coefficients

Intercept:	0
Slope:	0.7629

Error Coefficients

Standard Error:	772000
Relative Standard Error:	2.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	0.742901	50.0	616973.0	0.742901	Y
2	IC 860-19825/3	5.0	3.890771	50.0	646697.0	0.778154	Y
3	IC 860-19825/4	10.0	7.688561	50.0	661099.0	0.768856	Y
4	IC 860-19825/5	25.0	19.040492	50.0	662840.0	0.76162	Y
5	ICIS 860-19825/6	50.0	39.708109	50.0	658601.0	0.794162	Y
6	IC 860-19825/7	100.0	75.081686	50.0	661066.0	0.750817	Y
7	IC 860-19825/8	150.0	111.594588	50.0	670123.0	0.743964	Y



Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

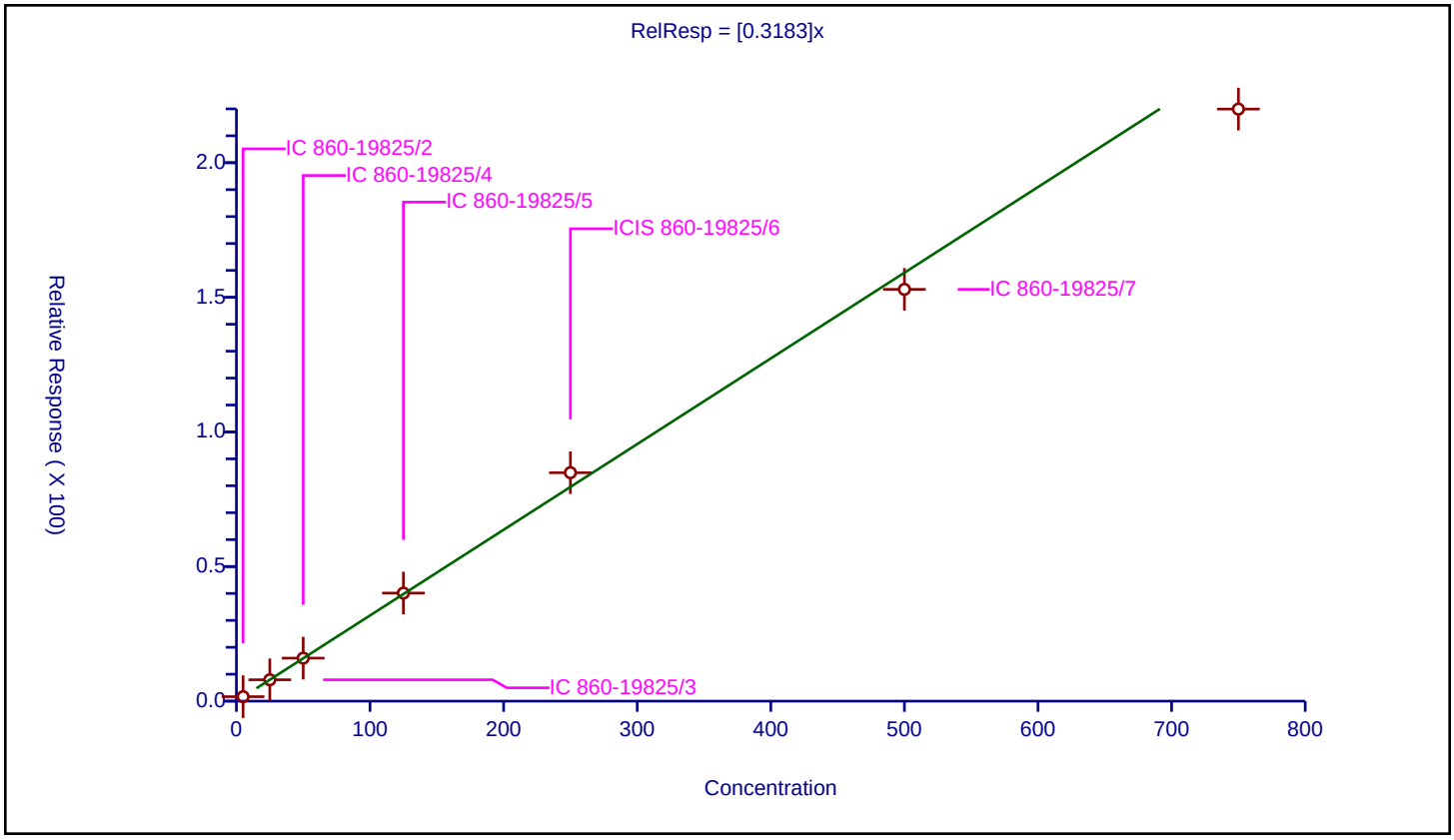
Curve Coefficients

Intercept:	0
Slope:	0.3183

Error Coefficients

Standard Error:	1550000
Relative Standard Error:	4.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	5.0	1.655097	50.0	616973.0	0.331019	Y
2	IC 860-19825/3	25.0	7.941664	50.0	646697.0	0.317667	Y
3	IC 860-19825/4	50.0	15.976351	50.0	661099.0	0.319527	Y
4	IC 860-19825/5	125.0	40.142191	50.0	662840.0	0.321138	Y
5	ICIS 860-19825/6	250.0	84.863673	50.0	658601.0	0.339455	Y
6	IC 860-19825/7	500.0	152.962715	50.0	661066.0	0.305925	Y
7	IC 860-19825/8	750.0	219.925969	50.0	670123.0	0.293235	Y



Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

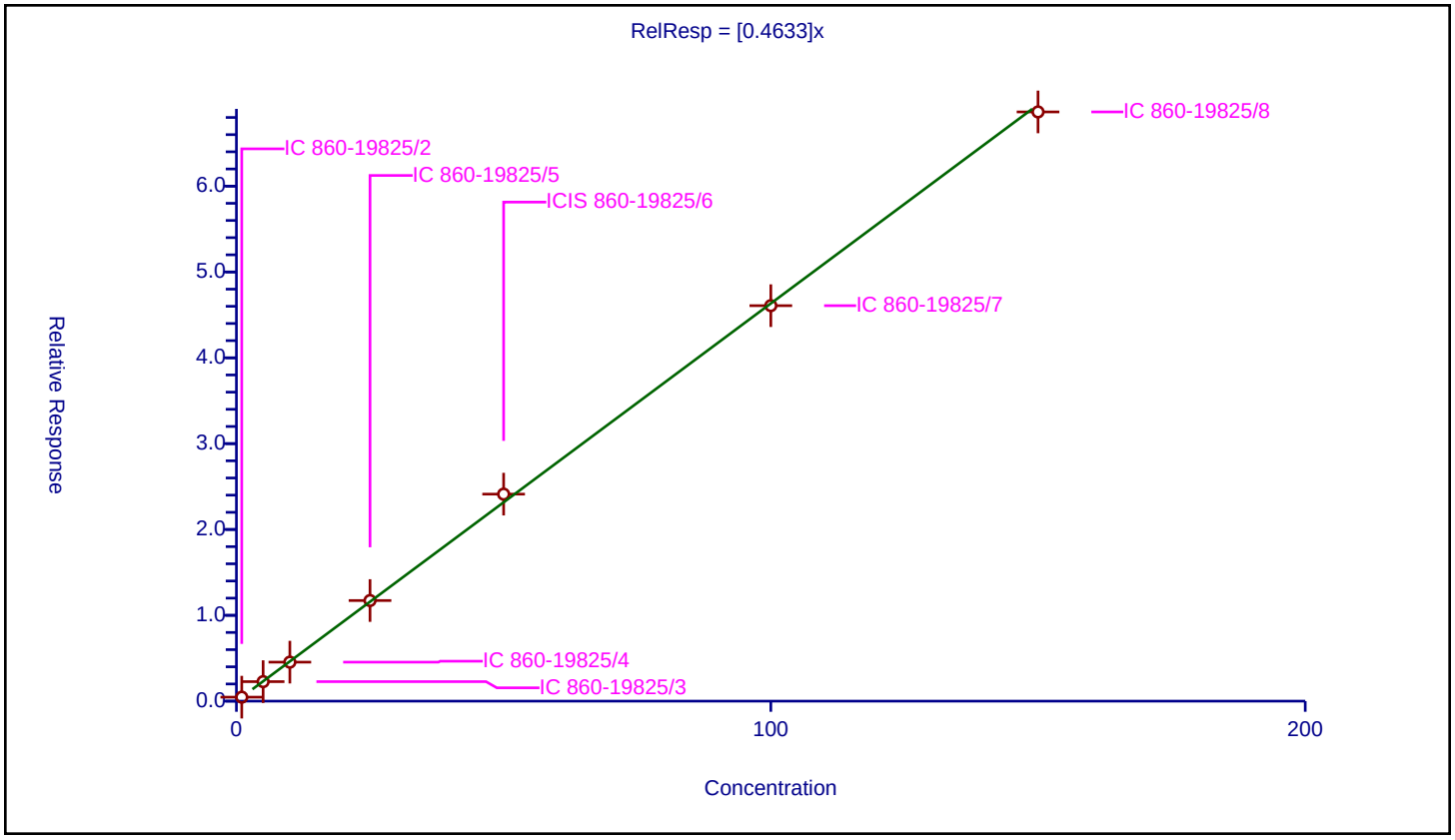
Curve Coefficients

Intercept:	0
Slope:	0.4633

Error Coefficients

Standard Error:	474000
Relative Standard Error:	2.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	0.464526	50.0	616973.0	0.464526	Y
2	IC 860-19825/3	5.0	2.272625	50.0	646697.0	0.454525	Y
3	IC 860-19825/4	10.0	4.544176	50.0	661099.0	0.454418	Y
4	IC 860-19825/5	25.0	11.721305	50.0	662840.0	0.468852	Y
5	ICIS 860-19825/6	50.0	24.116574	50.0	658601.0	0.482331	Y
6	IC 860-19825/7	100.0	46.075732	50.0	661066.0	0.460757	Y
7	IC 860-19825/8	150.0	68.646726	50.0	670123.0	0.457645	Y



Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

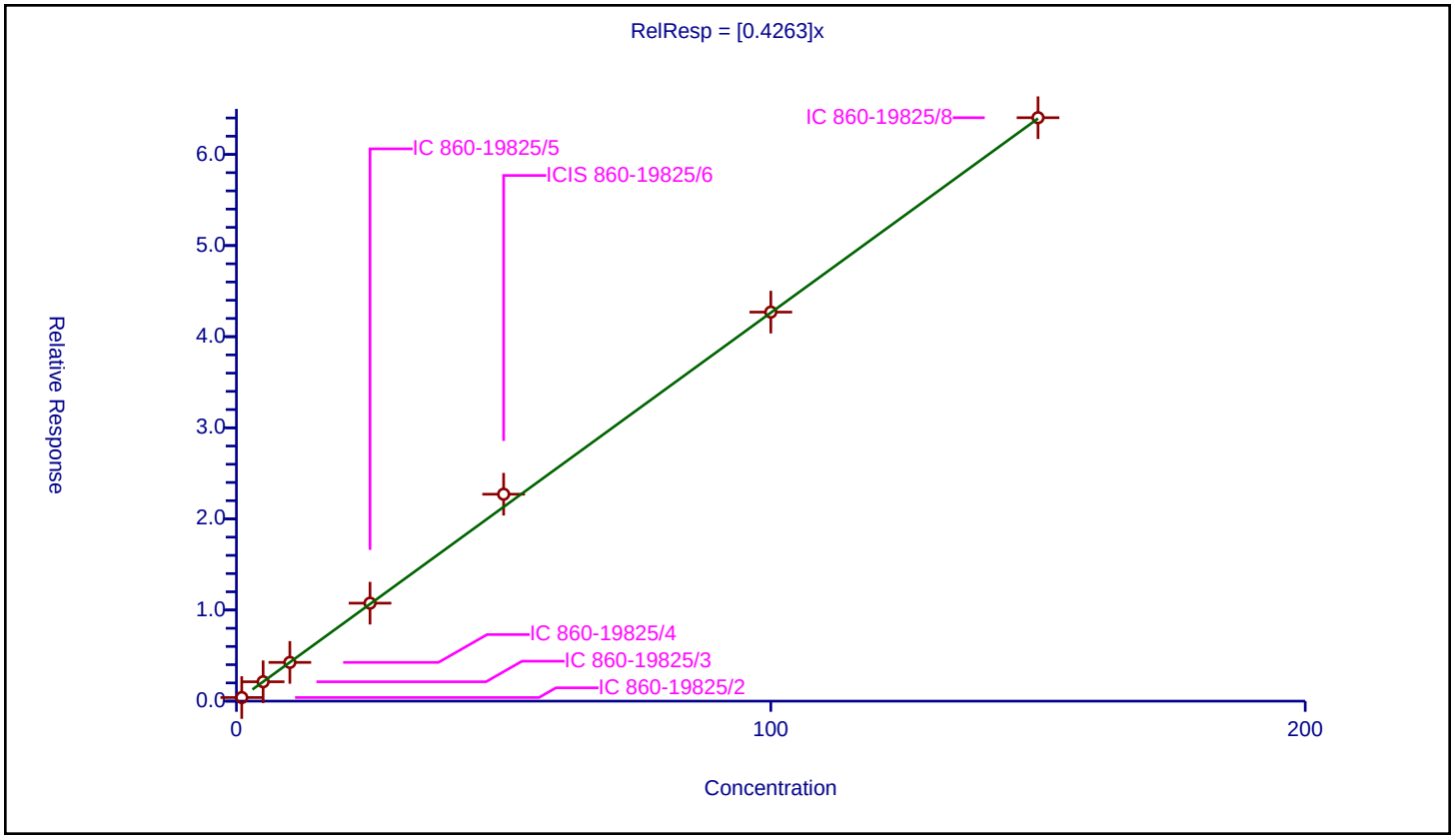
Curve Coefficients

Intercept:	0
Slope:	0.4263

Error Coefficients

Standard Error:	441000
Relative Standard Error:	4.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	0.395641	50.0	616973.0	0.395641	Y
2	IC 860-19825/3	5.0	2.126962	50.0	646697.0	0.425392	Y
3	IC 860-19825/4	10.0	4.250271	50.0	661099.0	0.425027	Y
4	IC 860-19825/5	25.0	10.752444	50.0	662840.0	0.430098	Y
5	ICIS 860-19825/6	50.0	22.70988	50.0	658601.0	0.454198	Y
6	IC 860-19825/7	100.0	42.695283	50.0	661066.0	0.426953	Y
7	IC 860-19825/8	150.0	64.03317	50.0	670123.0	0.426888	Y



Calibration / 1-Chlorohexane

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

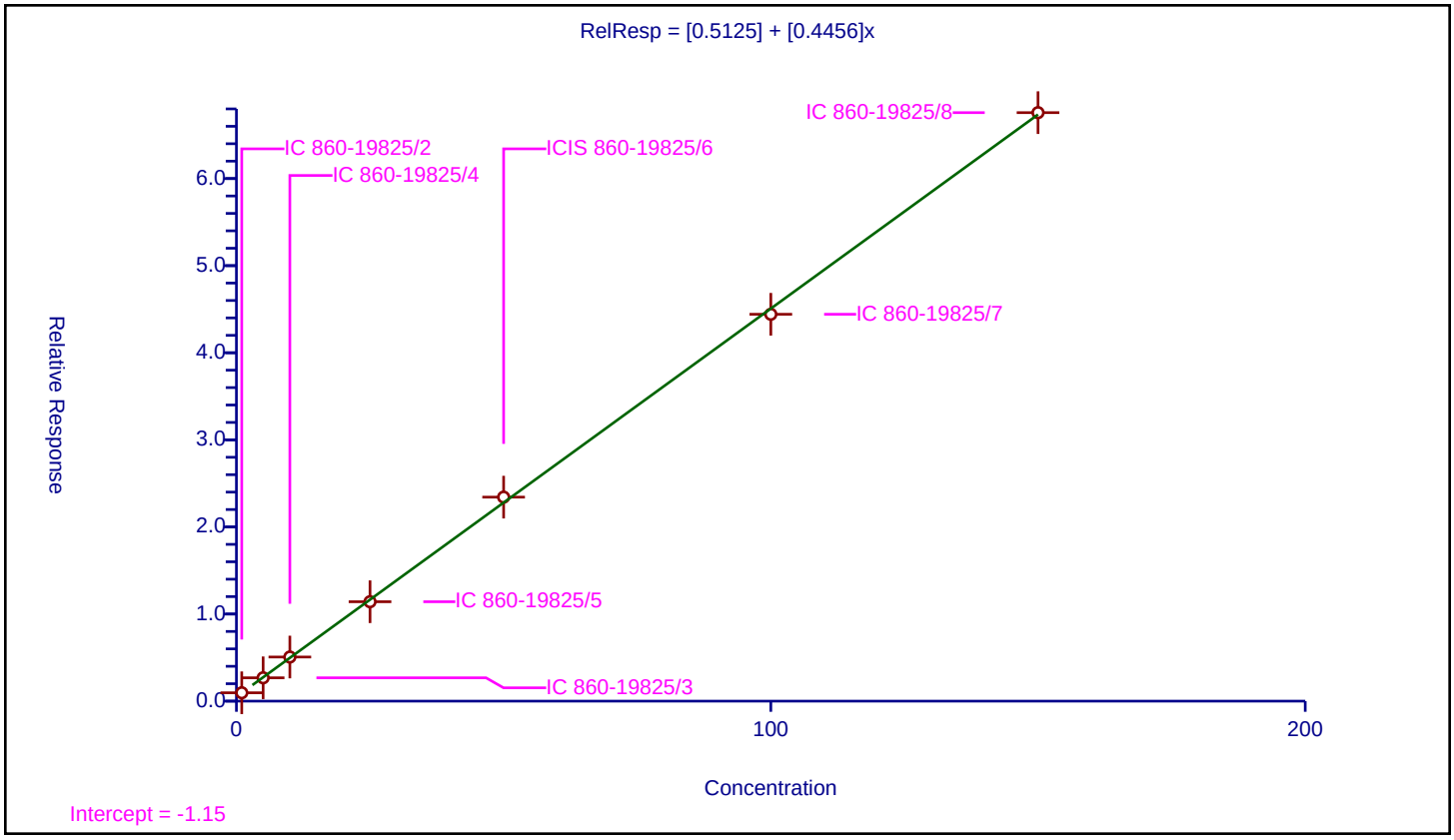
Curve Coefficients

Intercept:	0.5125
Slope:	0.4456

Error Coefficients

Standard Error:	508000
Relative Standard Error:	2.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	0.962036	50.0	616973.0	0.962036	Y
2	IC 860-19825/3	5.0	2.681627	50.0	646697.0	0.536325	Y
3	IC 860-19825/4	10.0	5.067093	50.0	661099.0	0.506709	Y
4	IC 860-19825/5	25.0	11.415575	50.0	662840.0	0.456623	Y
5	ICIS 860-19825/6	50.0	23.42359	50.0	658601.0	0.468472	Y
6	IC 860-19825/7	100.0	44.41856	50.0	661066.0	0.444186	Y
7	IC 860-19825/8	150.0	67.56976	50.0	670123.0	0.450465	Y



Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

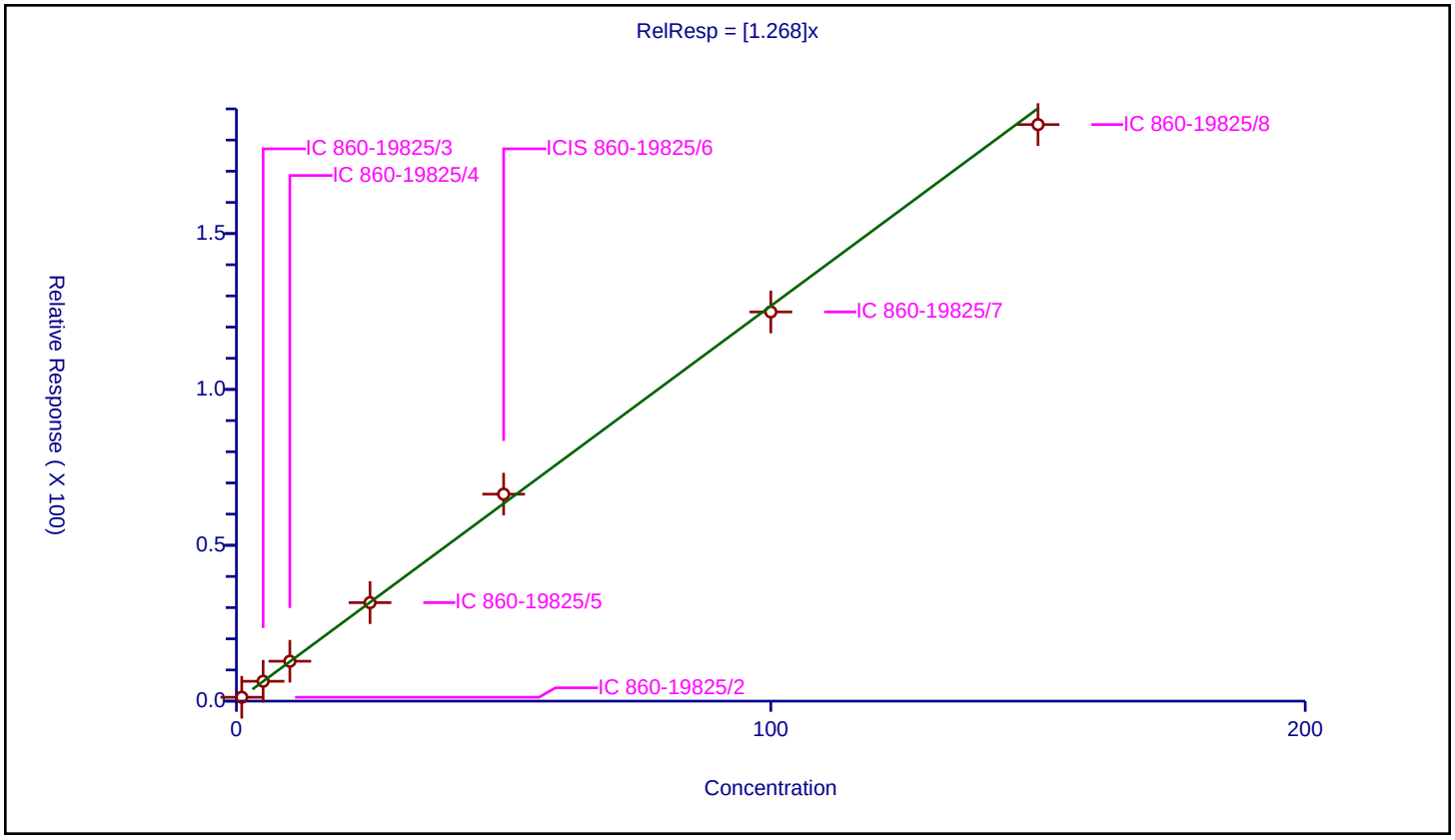
Curve Coefficients

Intercept:	0
Slope:	1.268

Error Coefficients

Standard Error:	1280000
Relative Standard Error:	2.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	1.245192	50.0	616973.0	1.245192	Y
2	IC 860-19825/3	5.0	6.375629	50.0	646697.0	1.275126	Y
3	IC 860-19825/4	10.0	12.802167	50.0	661099.0	1.280217	Y
4	IC 860-19825/5	25.0	31.598727	50.0	662840.0	1.263949	Y
5	ICIS 860-19825/6	50.0	66.40743	50.0	658601.0	1.328149	Y
6	IC 860-19825/7	100.0	124.868697	50.0	661066.0	1.248687	Y
7	IC 860-19825/8	150.0	184.963357	50.0	670123.0	1.233089	Y



Calibration / 1,1,1,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

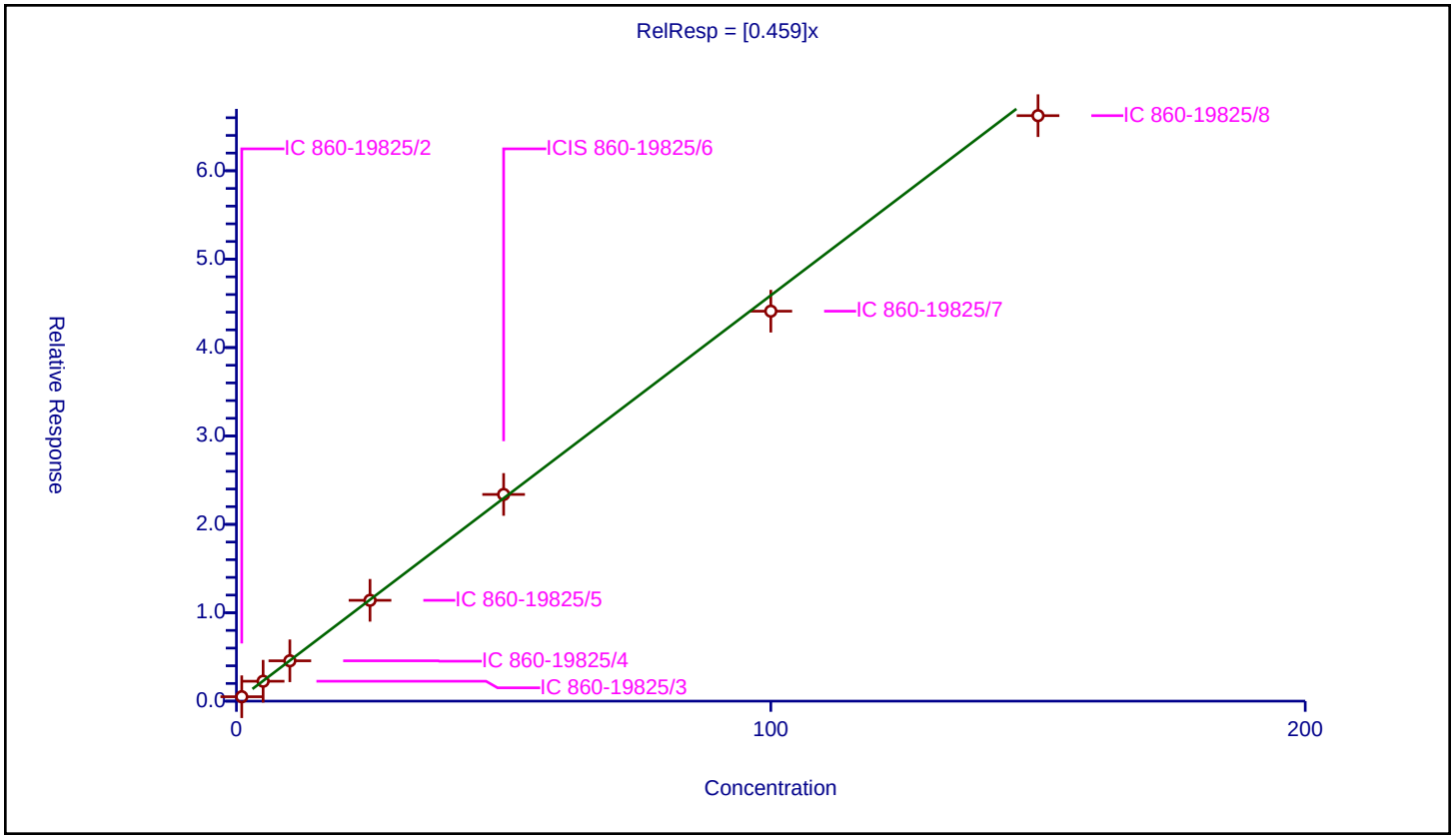
Curve Coefficients

Intercept:	0
Slope:	0.459

Error Coefficients

Standard Error:	456000
Relative Standard Error:	4.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	0.49986	50.0	616973.0	0.49986	Y
2	IC 860-19825/3	5.0	2.25175	50.0	646697.0	0.45035	Y
3	IC 860-19825/4	10.0	4.564369	50.0	661099.0	0.456437	Y
4	IC 860-19825/5	25.0	11.406674	50.0	662840.0	0.456267	Y
5	ICIS 860-19825/6	50.0	23.382367	50.0	658601.0	0.467647	Y
6	IC 860-19825/7	100.0	44.11617	50.0	661066.0	0.441162	Y
7	IC 860-19825/8	150.0	66.23396	50.0	670123.0	0.44156	Y



Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

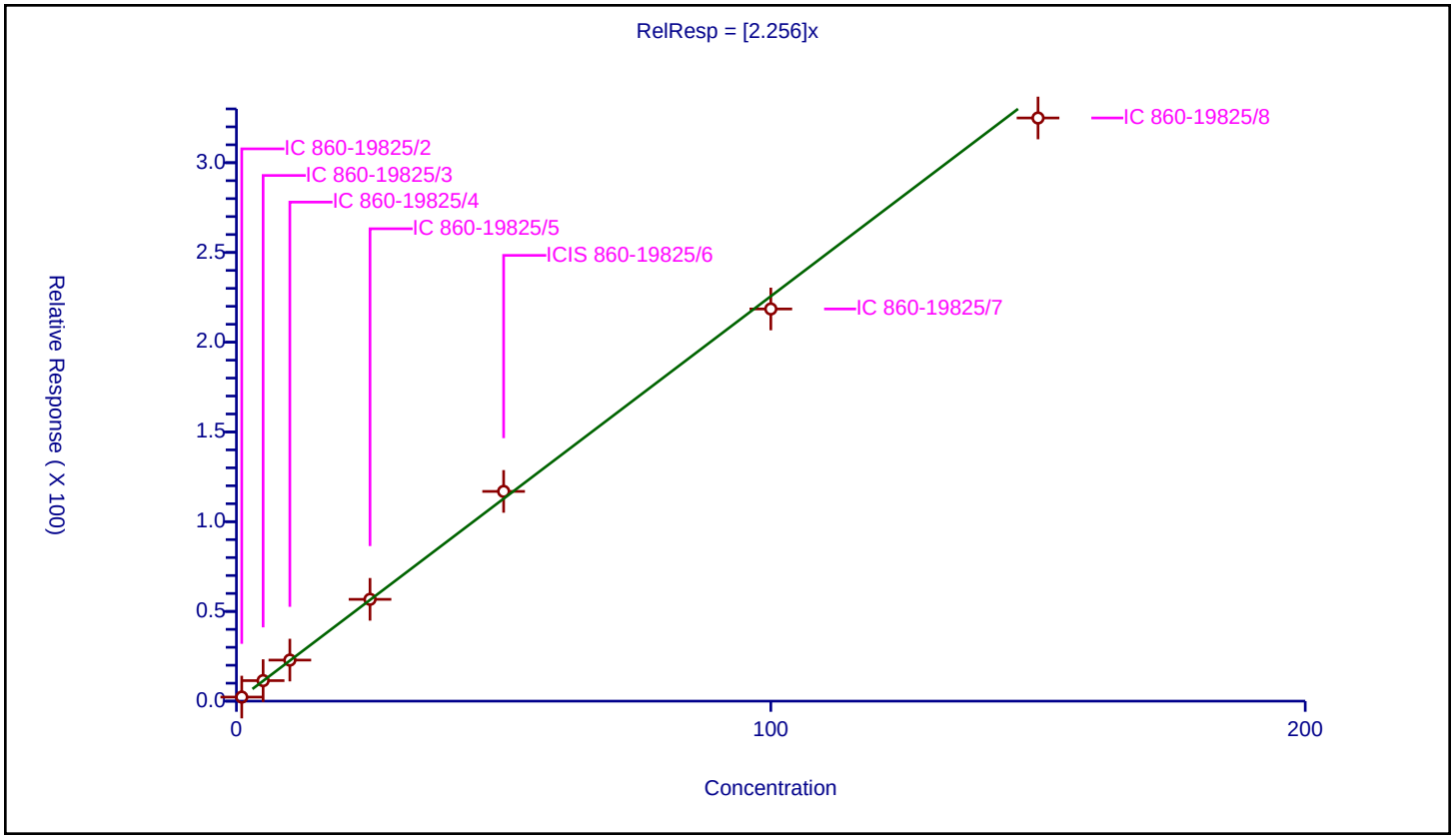
Curve Coefficients

Intercept:	0
Slope:	2.256

Error Coefficients

Standard Error:	2250000
Relative Standard Error:	2.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	2.26031	50.0	616973.0	2.26031	Y
2	IC 860-19825/3	5.0	11.432943	50.0	646697.0	2.286589	Y
3	IC 860-19825/4	10.0	22.881369	50.0	661099.0	2.288137	Y
4	IC 860-19825/5	25.0	56.731564	50.0	662840.0	2.269263	Y
5	ICIS 860-19825/6	50.0	116.868332	50.0	658601.0	2.337367	Y
6	IC 860-19825/7	100.0	218.524398	50.0	661066.0	2.185244	Y
7	IC 860-19825/8	150.0	324.931841	50.0	670123.0	2.166212	Y



Calibration / m-Xylene & p-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

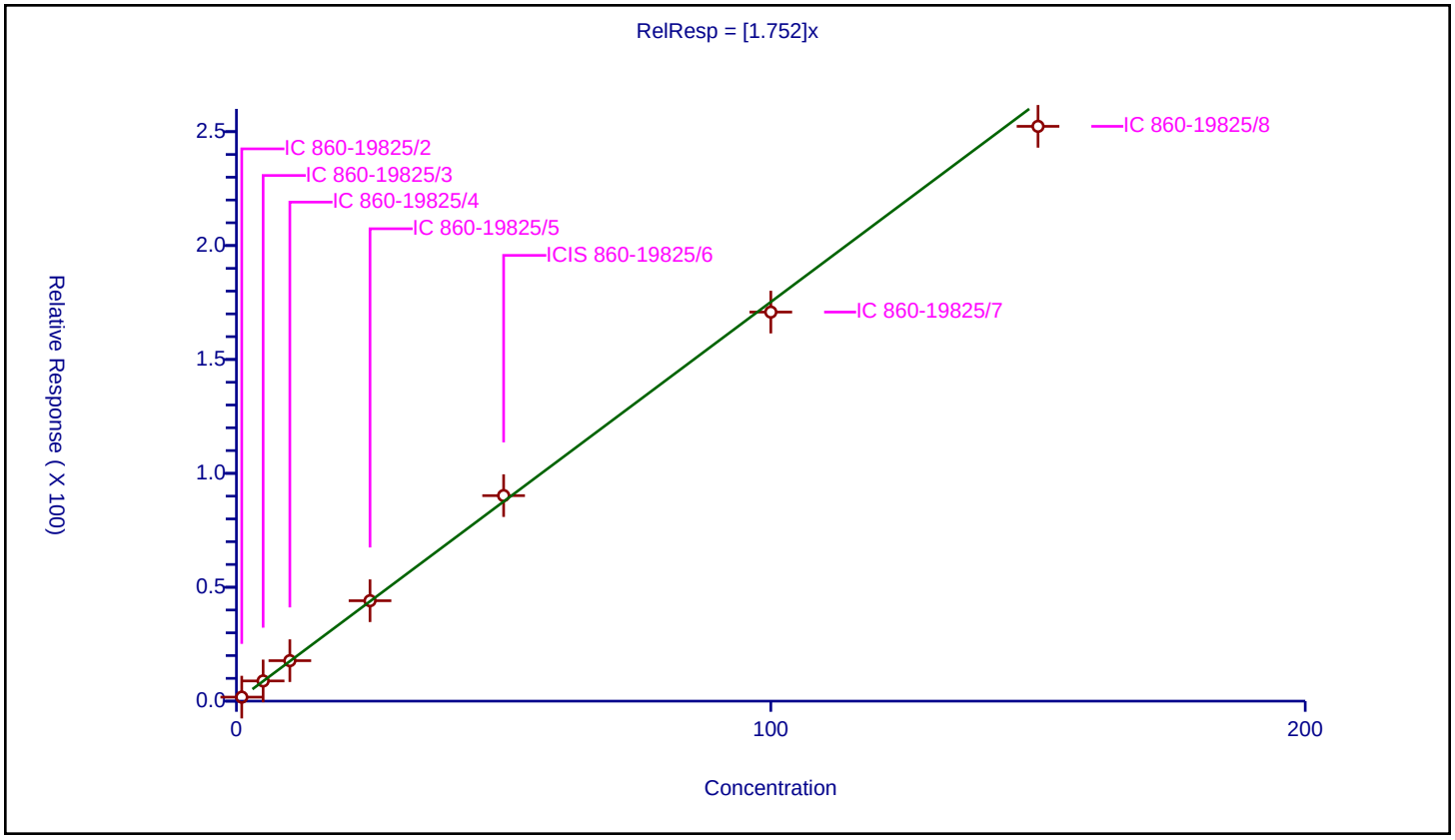
Curve Coefficients

Intercept:	0
Slope:	1.752

Error Coefficients

Standard Error:	1750000
Relative Standard Error:	2.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	1.759801	50.0	616973.0	1.759801	Y
2	IC 860-19825/3	5.0	8.863734	50.0	646697.0	1.772747	Y
3	IC 860-19825/4	10.0	17.762998	50.0	661099.0	1.7763	Y
4	IC 860-19825/5	25.0	44.088242	50.0	662840.0	1.76353	Y
5	ICIS 860-19825/6	50.0	90.229593	50.0	658601.0	1.804592	Y
6	IC 860-19825/7	100.0	170.797091	50.0	661066.0	1.707971	Y
7	IC 860-19825/8	150.0	252.336362	50.0	670123.0	1.682242	Y



Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

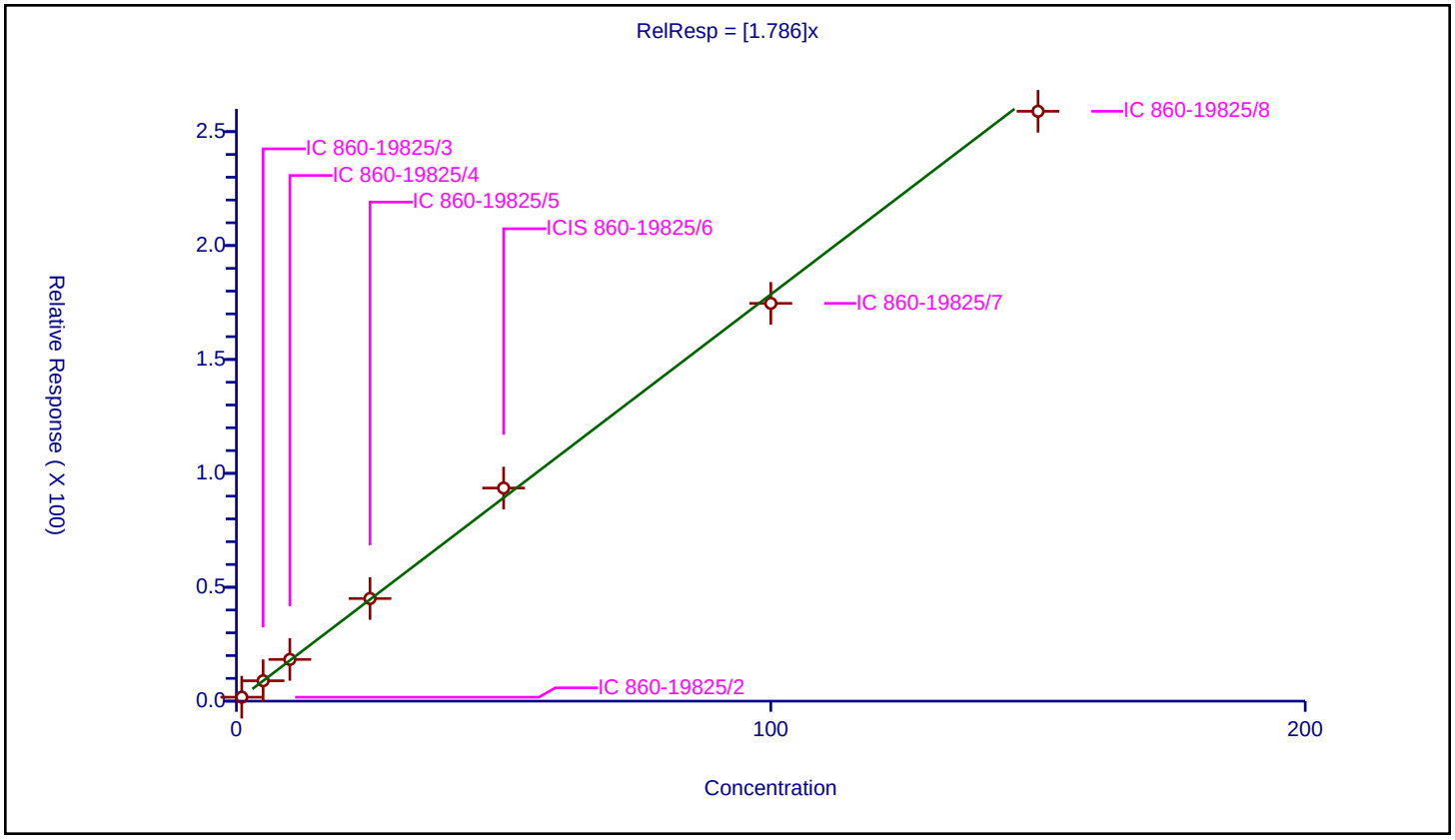
Curve Coefficients

Intercept:	0
Slope:	1.786

Error Coefficients

Standard Error:	1790000
Relative Standard Error:	3.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	1.730951	50.0	616973.0	1.730951	Y
2	IC 860-19825/3	5.0	8.953188	50.0	646697.0	1.790638	Y
3	IC 860-19825/4	10.0	18.315714	50.0	661099.0	1.831571	Y
4	IC 860-19825/5	25.0	45.054689	50.0	662840.0	1.802188	Y
5	ICIS 860-19825/6	50.0	93.561883	50.0	658601.0	1.871238	Y
6	IC 860-19825/7	100.0	174.622125	50.0	661066.0	1.746221	Y
7	IC 860-19825/8	150.0	258.95164	50.0	670123.0	1.726344	Y



Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

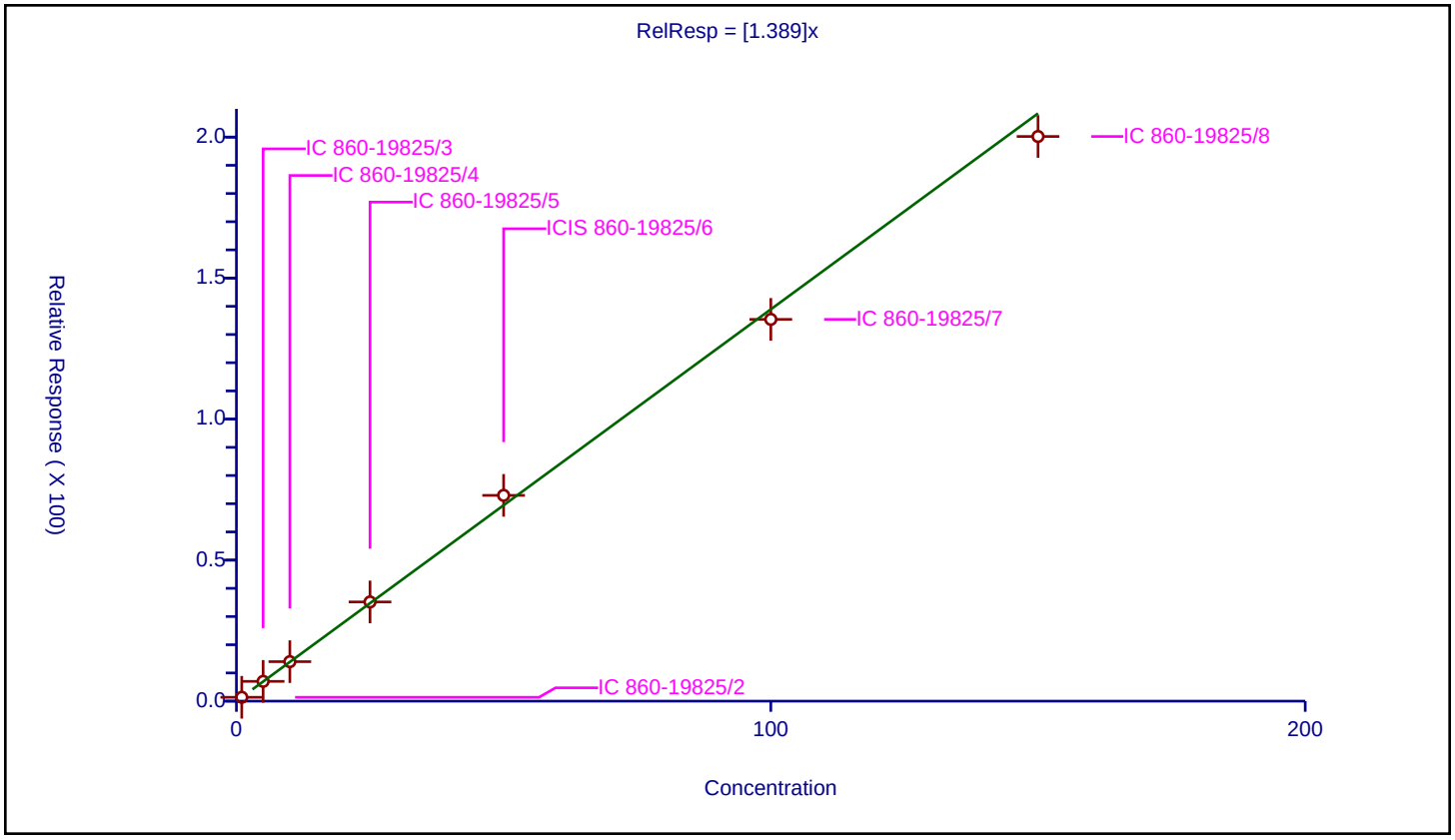
Curve Coefficients

Intercept:	0
Slope:	1.389

Error Coefficients

Standard Error:	1390000
Relative Standard Error:	3.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	1.368212	50.0	616973.0	1.368212	Y
2	IC 860-19825/3	5.0	7.008615	50.0	646697.0	1.401723	Y
3	IC 860-19825/4	10.0	14.005088	50.0	661099.0	1.400509	Y
4	IC 860-19825/5	25.0	35.176664	50.0	662840.0	1.407067	Y
5	ICIS 860-19825/6	50.0	72.956616	50.0	658601.0	1.459132	Y
6	IC 860-19825/7	100.0	135.367573	50.0	661066.0	1.353676	Y
7	IC 860-19825/8	150.0	200.220482	50.0	670123.0	1.334803	Y



Calibration / Bromoform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

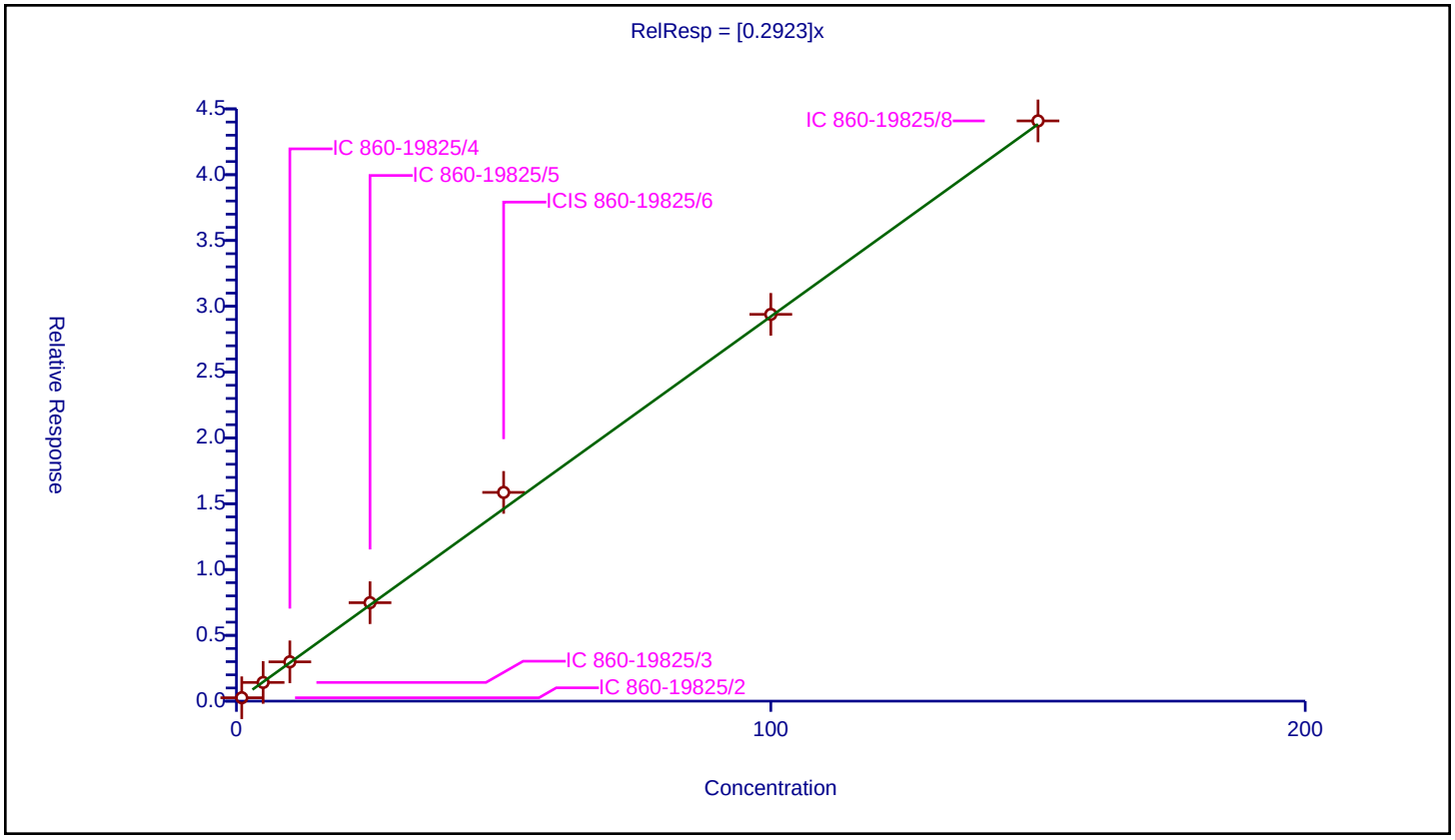
Curve Coefficients

Intercept:	0
Slope:	0.2923

Error Coefficients

Standard Error:	304000
Relative Standard Error:	6.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	0.258601	50.0	616973.0	0.258601	Y
2	IC 860-19825/3	5.0	1.421222	50.0	646697.0	0.284244	Y
3	IC 860-19825/4	10.0	2.986693	50.0	661099.0	0.298669	Y
4	IC 860-19825/5	25.0	7.480237	50.0	662840.0	0.299209	Y
5	ICIS 860-19825/6	50.0	15.860741	50.0	658601.0	0.317215	Y
6	IC 860-19825/7	100.0	29.390031	50.0	661066.0	0.2939	Y
7	IC 860-19825/8	150.0	44.08713	50.0	670123.0	0.293914	Y



Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

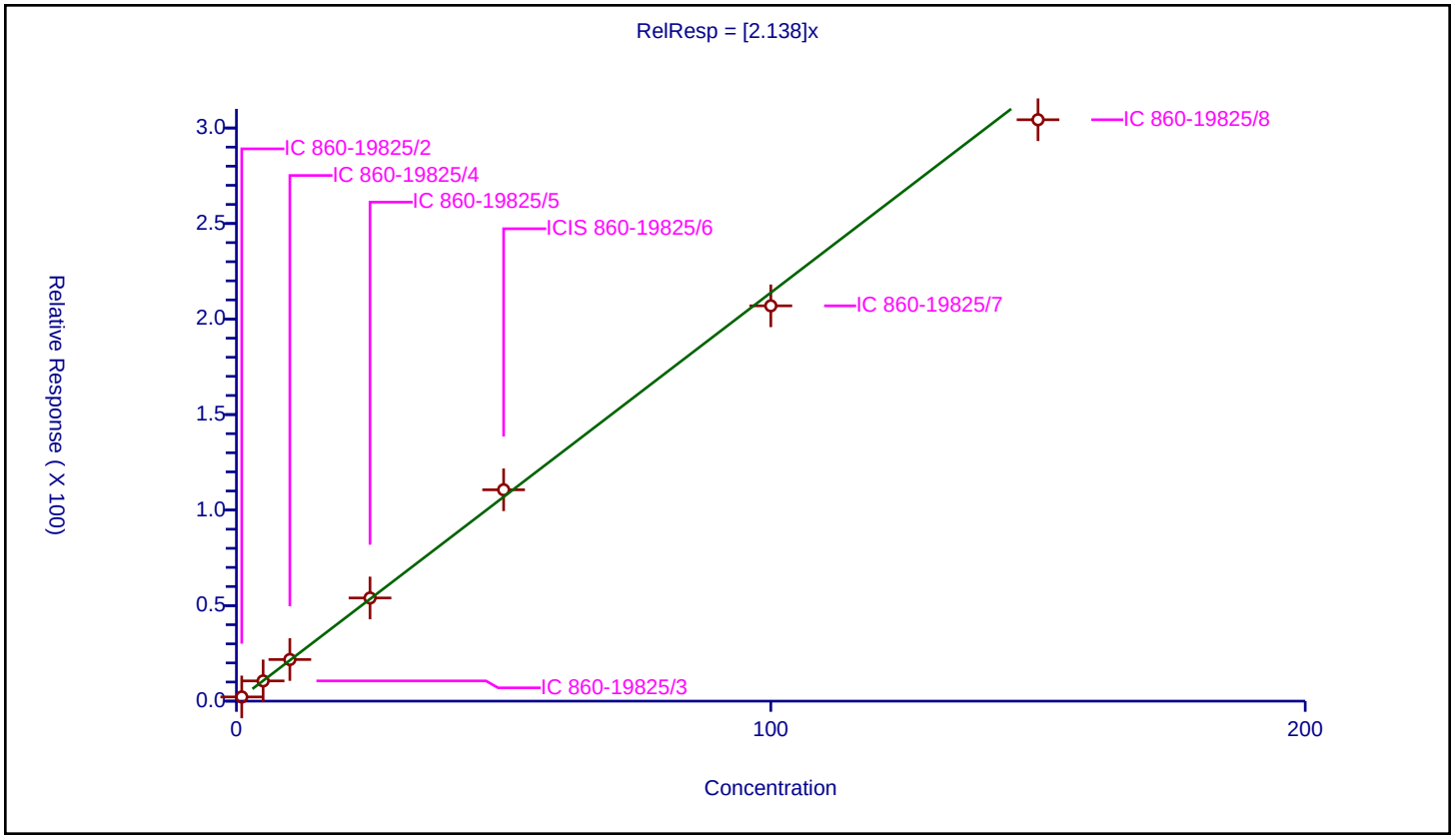
Curve Coefficients

Intercept:	0
Slope:	2.138

Error Coefficients

Standard Error:	2120000
Relative Standard Error:	3.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	2.200988	50.0	616973.0	2.200988	Y
2	IC 860-19825/3	5.0	10.589194	50.0	646697.0	2.117839	Y
3	IC 860-19825/4	10.0	21.778962	50.0	661099.0	2.177896	Y
4	IC 860-19825/5	25.0	53.995308	50.0	662840.0	2.159812	Y
5	ICIS 860-19825/6	50.0	110.631551	50.0	658601.0	2.212631	Y
6	IC 860-19825/7	100.0	206.916102	50.0	661066.0	2.069161	Y
7	IC 860-19825/8	150.0	304.33122	50.0	670123.0	2.028875	Y



Calibration / Cyclohexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

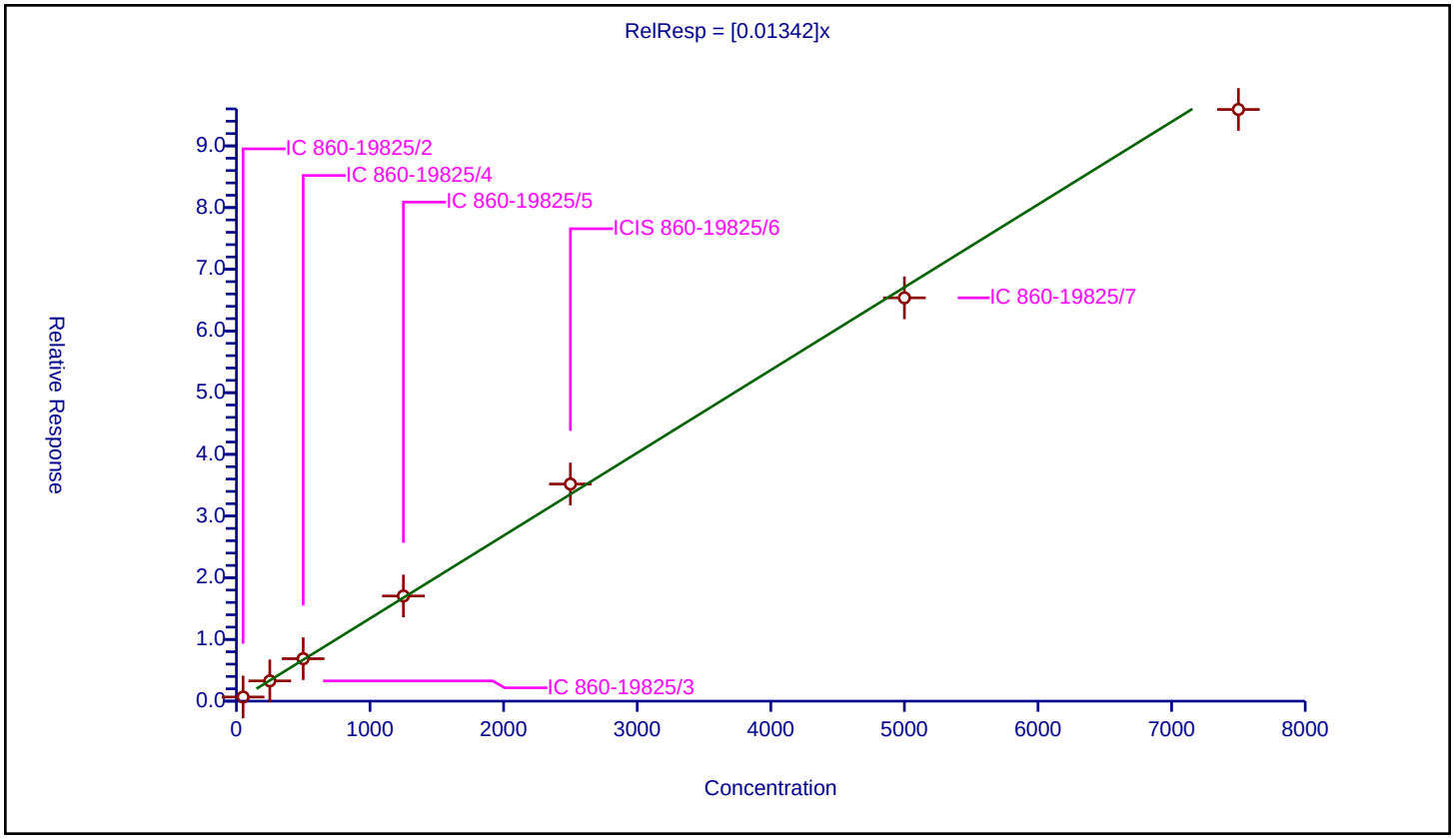
Curve Coefficients

Intercept:	0
Slope:	0.01342

Error Coefficients

Standard Error:	668000
Relative Standard Error:	3.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	50.0	0.672153	50.0	616973.0	0.013443	Y
2	IC 860-19825/3	250.0	3.283841	50.0	646697.0	0.013135	Y
3	IC 860-19825/4	500.0	6.877336	50.0	661099.0	0.013755	Y
4	IC 860-19825/5	1250.0	17.047176	50.0	662840.0	0.013638	Y
5	ICIS 860-19825/6	2500.0	35.192628	50.0	658601.0	0.014077	Y
6	IC 860-19825/7	5000.0	65.373654	50.0	661066.0	0.013075	Y
7	IC 860-19825/8	7500.0	95.902916	50.0	670123.0	0.012787	Y



Calibration / 4-Bromofluorobenzene (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

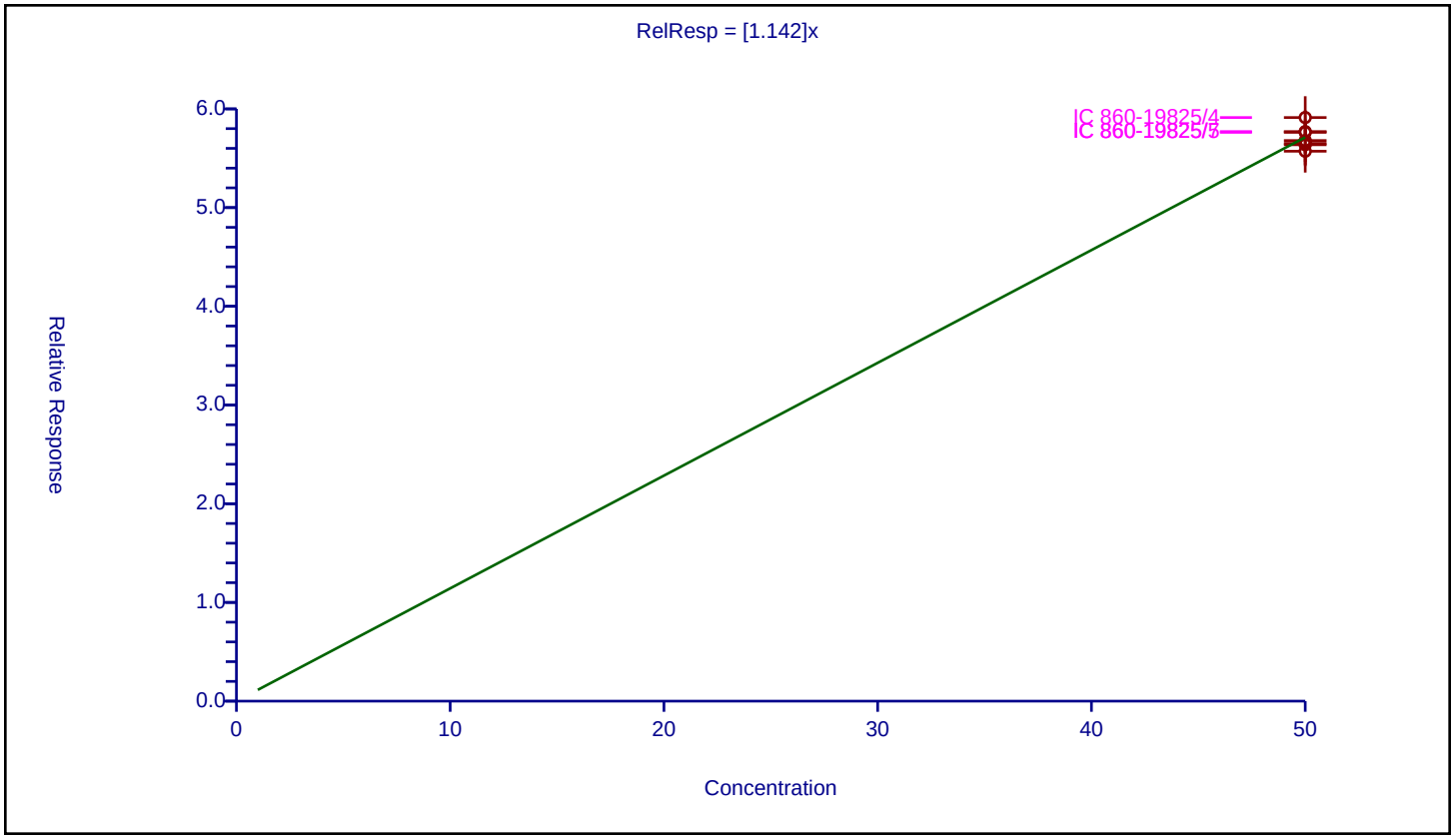
Curve Coefficients

Intercept:	0
Slope:	1.142

Error Coefficients

Standard Error:	356000
Relative Standard Error:	2.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0.000000000000000111

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	50.0	56.50645	50.0	273421.0	1.130129	Y
2	IC 860-19825/3	50.0	56.795171	50.0	283466.0	1.135903	Y
3	IC 860-19825/4	50.0	59.124084	50.0	279376.0	1.182482	Y
4	IC 860-19825/5	50.0	57.626563	50.0	289580.0	1.152531	Y
5	ICIS 860-19825/6	50.0	56.365995	50.0	297966.0	1.12732	Y
6	IC 860-19825/7	50.0	57.701936	50.0	289622.0	1.154039	Y
7	IC 860-19825/8	50.0	55.71105	50.0	304191.0	1.114221	Y



Calibration / 1,1,2,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

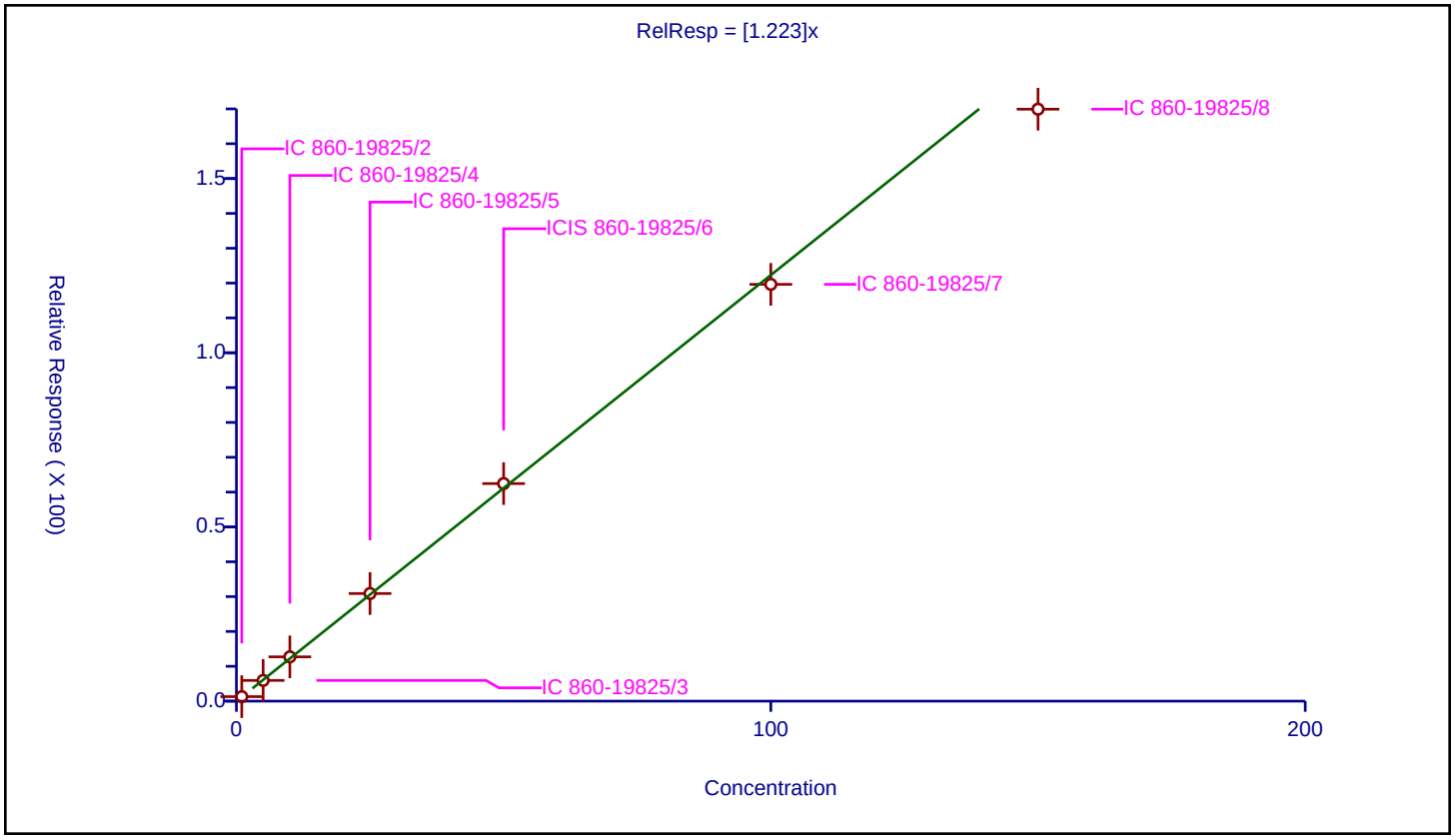
Curve Coefficients

Intercept:	0
Slope:	1.223

Error Coefficients

Standard Error:	536000
Relative Standard Error:	4.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	1.287026	50.0	273421.0	1.287026	Y
2	IC 860-19825/3	5.0	5.94357	50.0	283466.0	1.188714	Y
3	IC 860-19825/4	10.0	12.710827	50.0	279376.0	1.271083	Y
4	IC 860-19825/5	25.0	30.893363	50.0	289580.0	1.235735	Y
5	ICIS 860-19825/6	50.0	62.446722	50.0	297966.0	1.248934	Y
6	IC 860-19825/7	100.0	119.633177	50.0	289622.0	1.196332	Y
7	IC 860-19825/8	150.0	169.913475	50.0	304191.0	1.132757	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

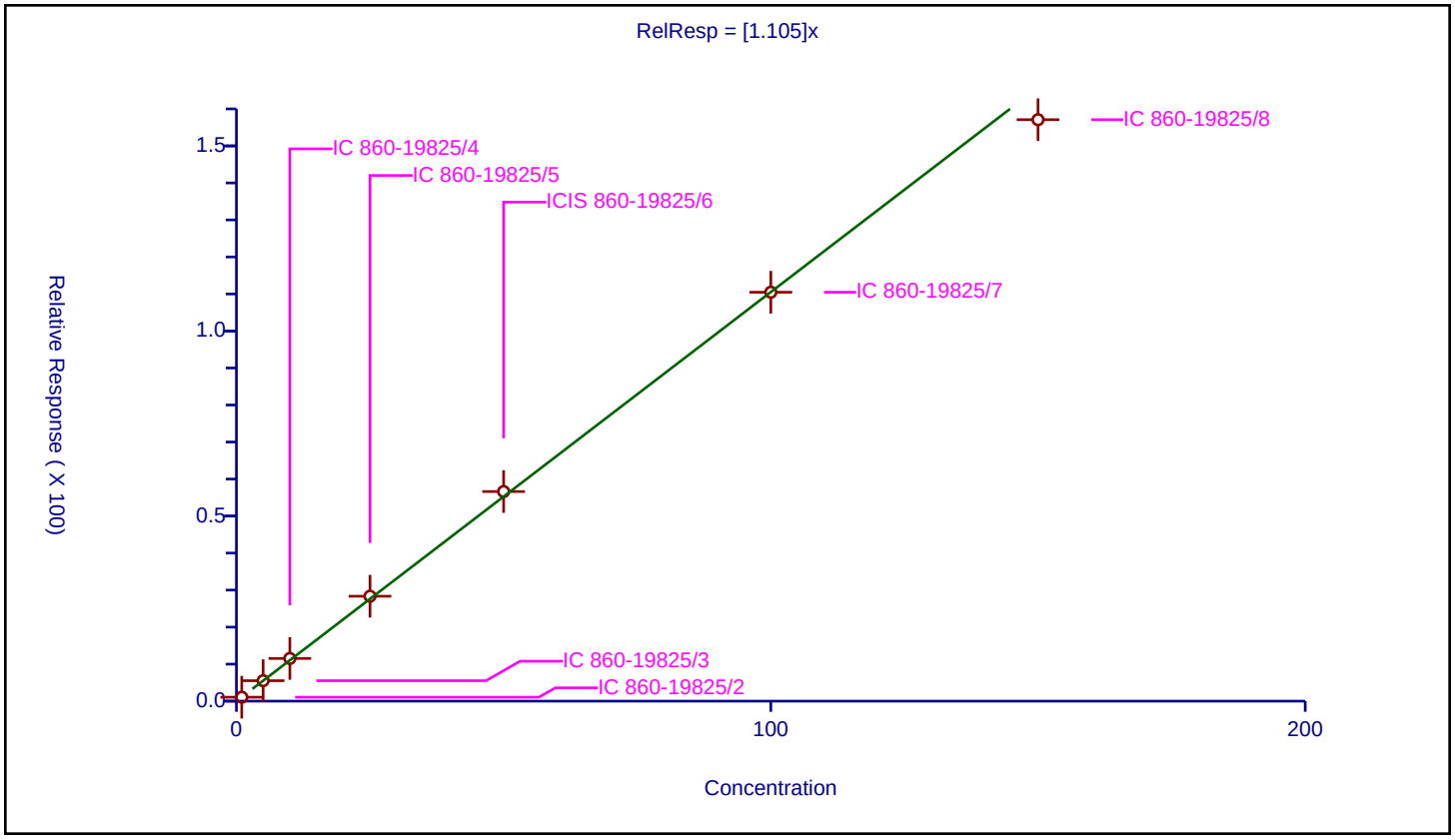
Curve Coefficients

Intercept:	0
Slope:	1.105

Error Coefficients

Standard Error:	495000
Relative Standard Error:	3.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	1.061001	50.0	273421.0	1.061001	Y
2	IC 860-19825/3	5.0	5.520415	50.0	283466.0	1.104083	Y
3	IC 860-19825/4	10.0	11.529981	50.0	279376.0	1.152998	Y
4	IC 860-19825/5	25.0	28.345017	50.0	289580.0	1.133801	Y
5	ICIS 860-19825/6	50.0	56.625253	50.0	297966.0	1.132505	Y
6	IC 860-19825/7	100.0	110.468127	50.0	289622.0	1.104681	Y
7	IC 860-19825/8	150.0	157.082228	50.0	304191.0	1.047215	Y



Calibration / 1,2,3-Trichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

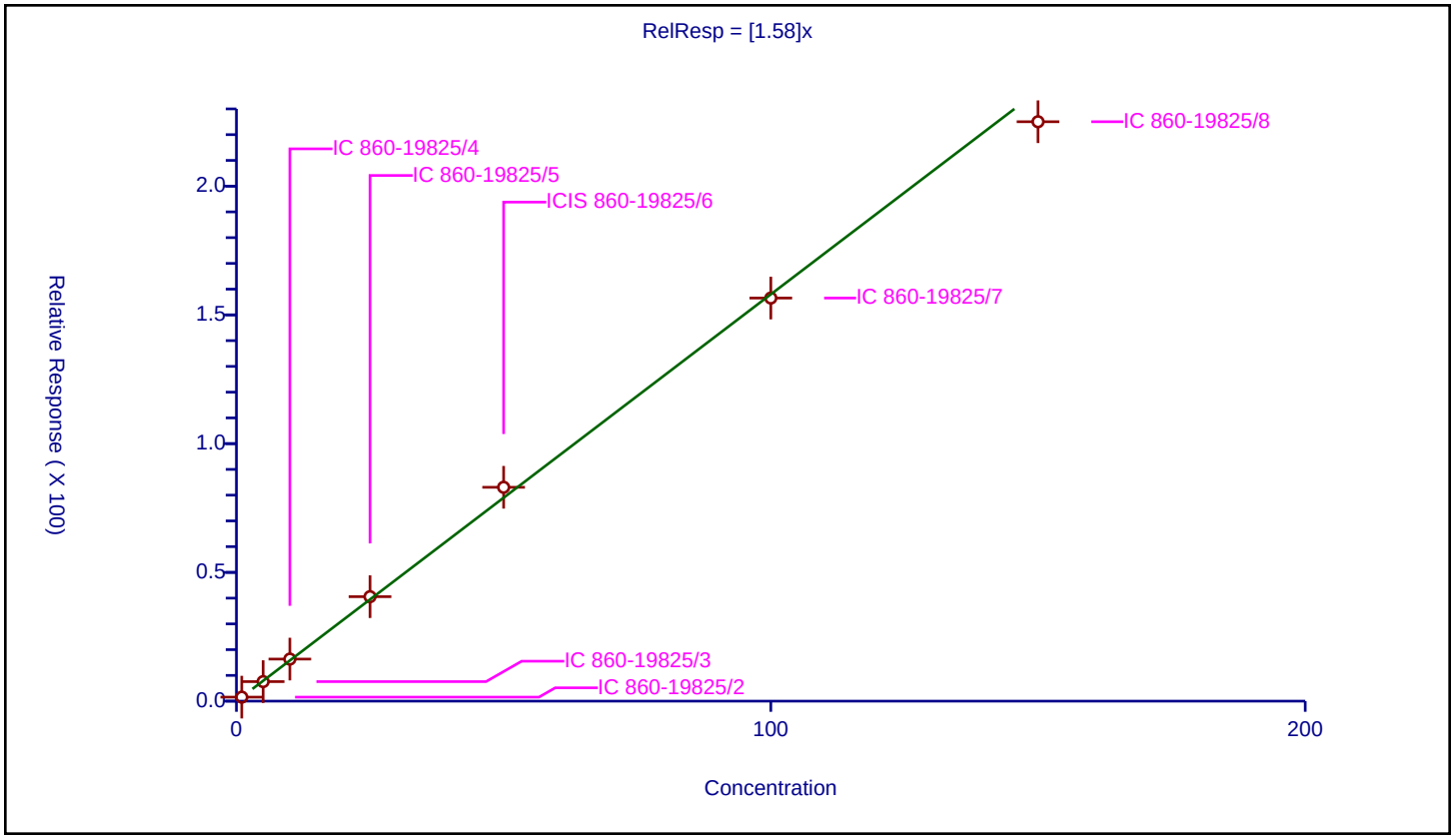
Curve Coefficients

Intercept:	0
Slope:	1.58

Error Coefficients

Standard Error:	708000
Relative Standard Error:	3.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	1.557671	50.0	273421.0	1.557671	Y
2	IC 860-19825/3	5.0	7.589094	50.0	283466.0	1.517819	Y
3	IC 860-19825/4	10.0	16.336765	50.0	279376.0	1.633676	Y
4	IC 860-19825/5	25.0	40.575489	50.0	289580.0	1.62302	Y
5	ICIS 860-19825/6	50.0	83.055114	50.0	297966.0	1.661102	Y
6	IC 860-19825/7	100.0	156.542493	50.0	289622.0	1.565425	Y
7	IC 860-19825/8	150.0	225.016355	50.0	304191.0	1.500109	Y



Calibration / trans-1,4-Dichloro-2-butene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

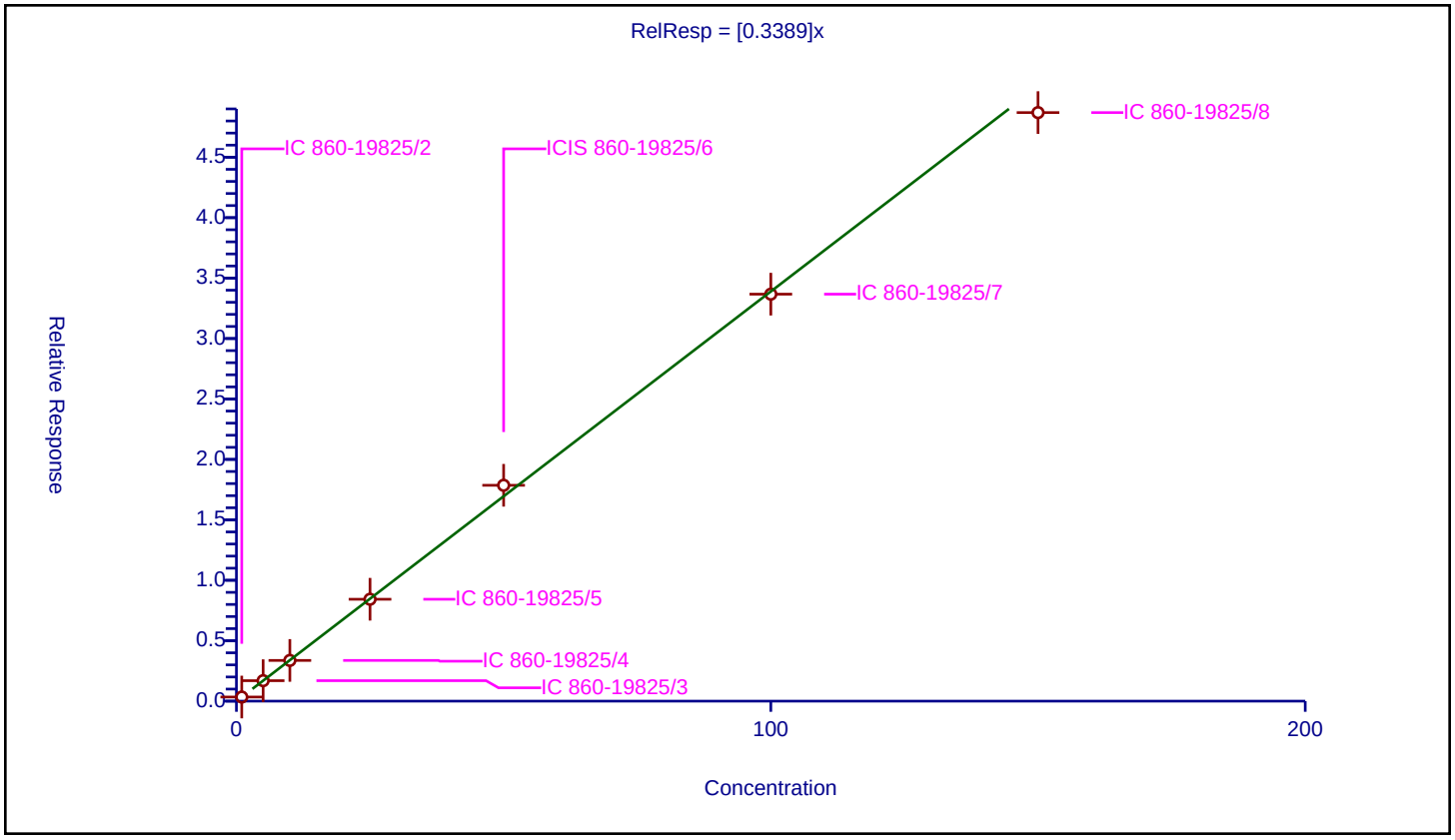
Curve Coefficients

Intercept:	0
Slope:	0.3389

Error Coefficients

Standard Error:	153000
Relative Standard Error:	2.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	0.341415	50.0	273421.0	0.341415	Y
2	IC 860-19825/3	5.0	1.692972	50.0	283466.0	0.338594	Y
3	IC 860-19825/4	10.0	3.3684	50.0	279376.0	0.33684	Y
4	IC 860-19825/5	25.0	8.429795	50.0	289580.0	0.337192	Y
5	ICIS 860-19825/6	50.0	17.859252	50.0	297966.0	0.357185	Y
6	IC 860-19825/7	100.0	33.671821	50.0	289622.0	0.336718	Y
7	IC 860-19825/8	150.0	48.694735	50.0	304191.0	0.324632	Y



Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

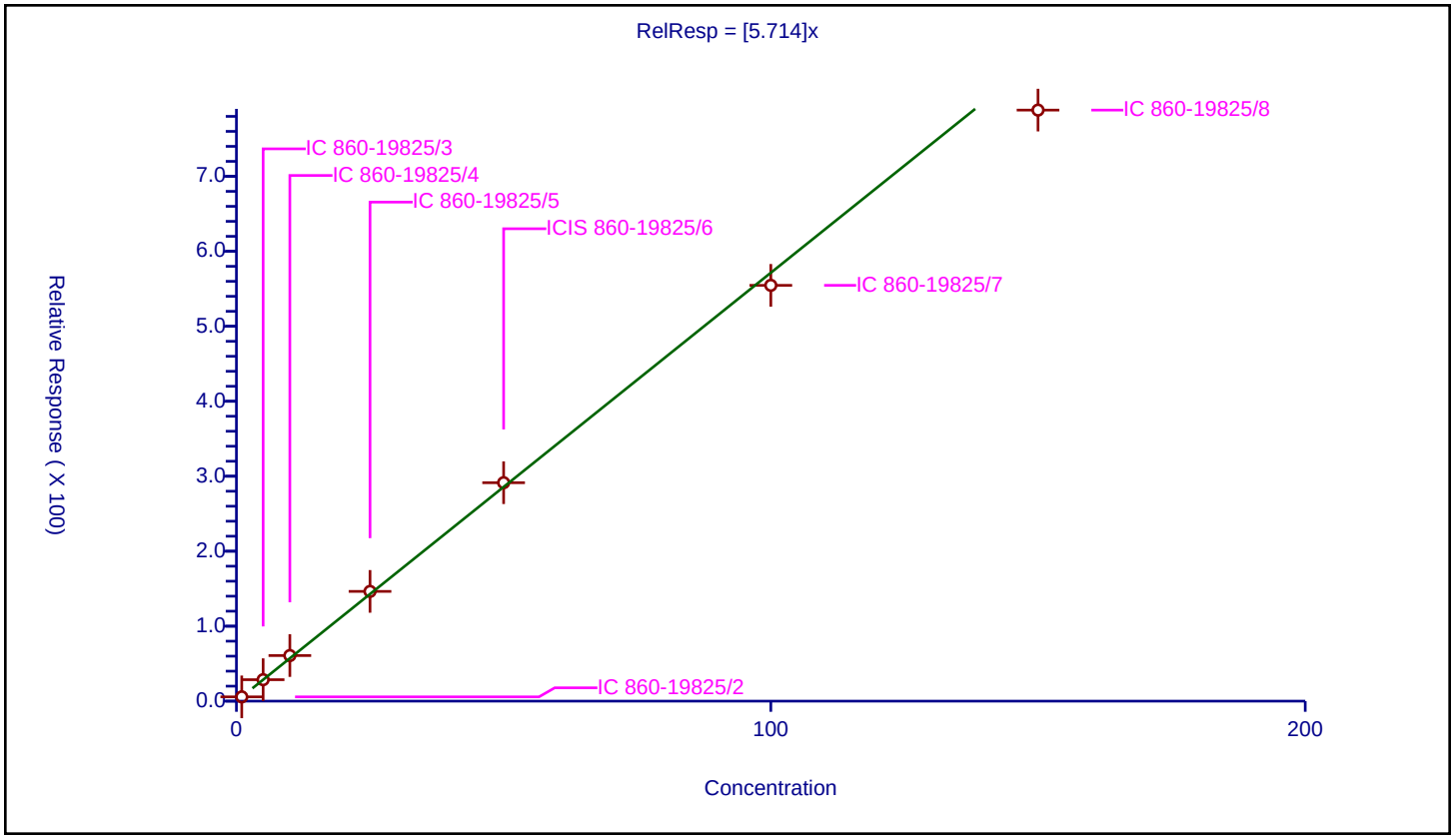
Curve Coefficients

Intercept:	0
Slope:	5.714

Error Coefficients

Standard Error:	2490000
Relative Standard Error:	4.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	5.713168	50.0	273421.0	5.713168	Y
2	IC 860-19825/3	5.0	28.60343	50.0	283466.0	5.720686	Y
3	IC 860-19825/4	10.0	60.808194	50.0	279376.0	6.080819	Y
4	IC 860-19825/5	25.0	146.379757	50.0	289580.0	5.85519	Y
5	ICIS 860-19825/6	50.0	291.364787	50.0	297966.0	5.827296	Y
6	IC 860-19825/7	100.0	554.642776	50.0	289622.0	5.546428	Y
7	IC 860-19825/8	150.0	788.39249	50.0	304191.0	5.25595	Y



Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

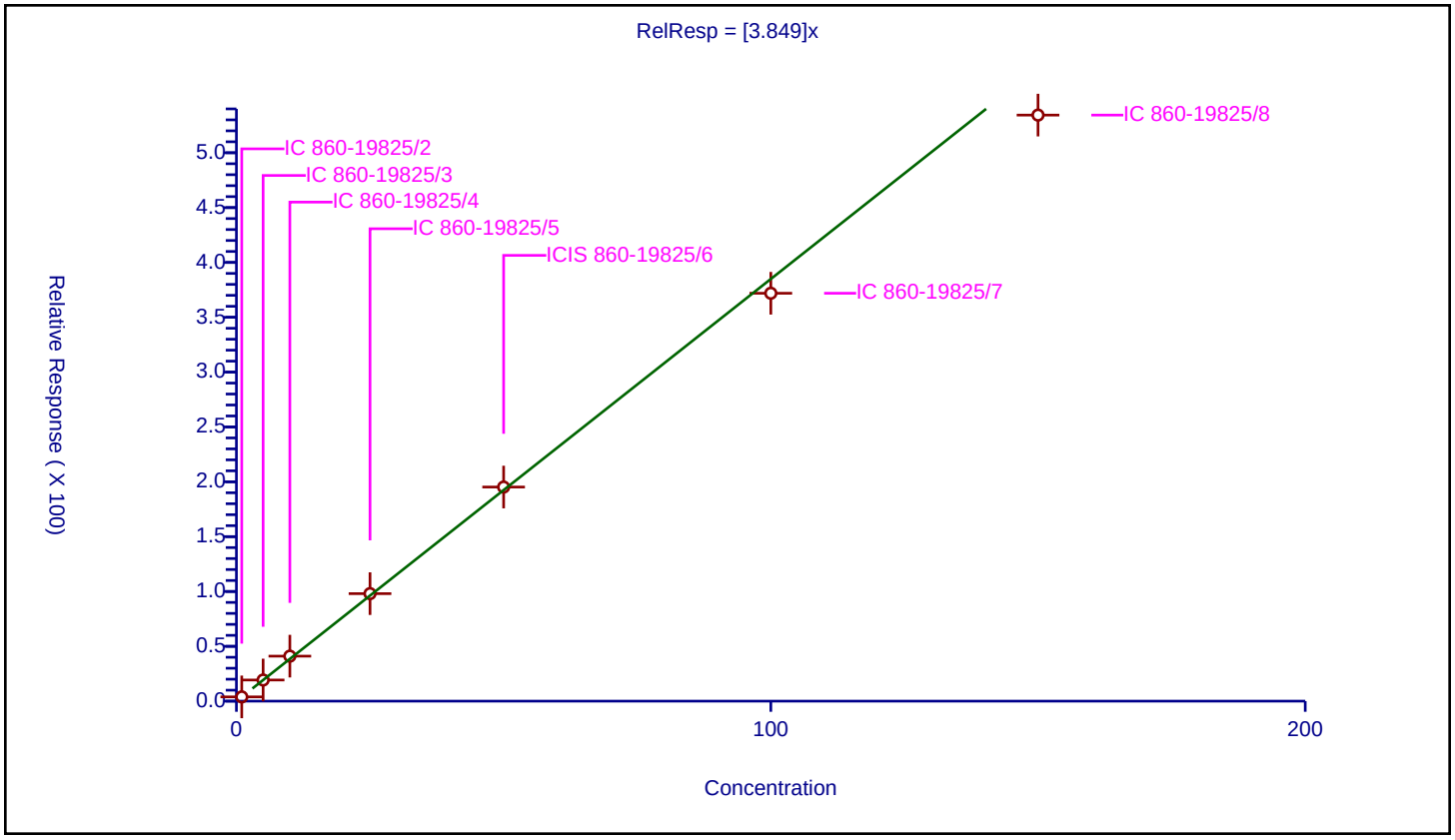
Curve Coefficients

Intercept:	0
Slope:	3.849

Error Coefficients

Standard Error:	1680000
Relative Standard Error:	4.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	3.879366	50.0	273421.0	3.879366	Y
2	IC 860-19825/3	5.0	19.270036	50.0	283466.0	3.854007	Y
3	IC 860-19825/4	10.0	41.038421	50.0	279376.0	4.103842	Y
4	IC 860-19825/5	25.0	98.026625	50.0	289580.0	3.921065	Y
5	ICIS 860-19825/6	50.0	195.202976	50.0	297966.0	3.90406	Y
6	IC 860-19825/7	100.0	371.896299	50.0	289622.0	3.718963	Y
7	IC 860-19825/8	150.0	534.331226	50.0	304191.0	3.562208	Y



Calibration / 1,3,5-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

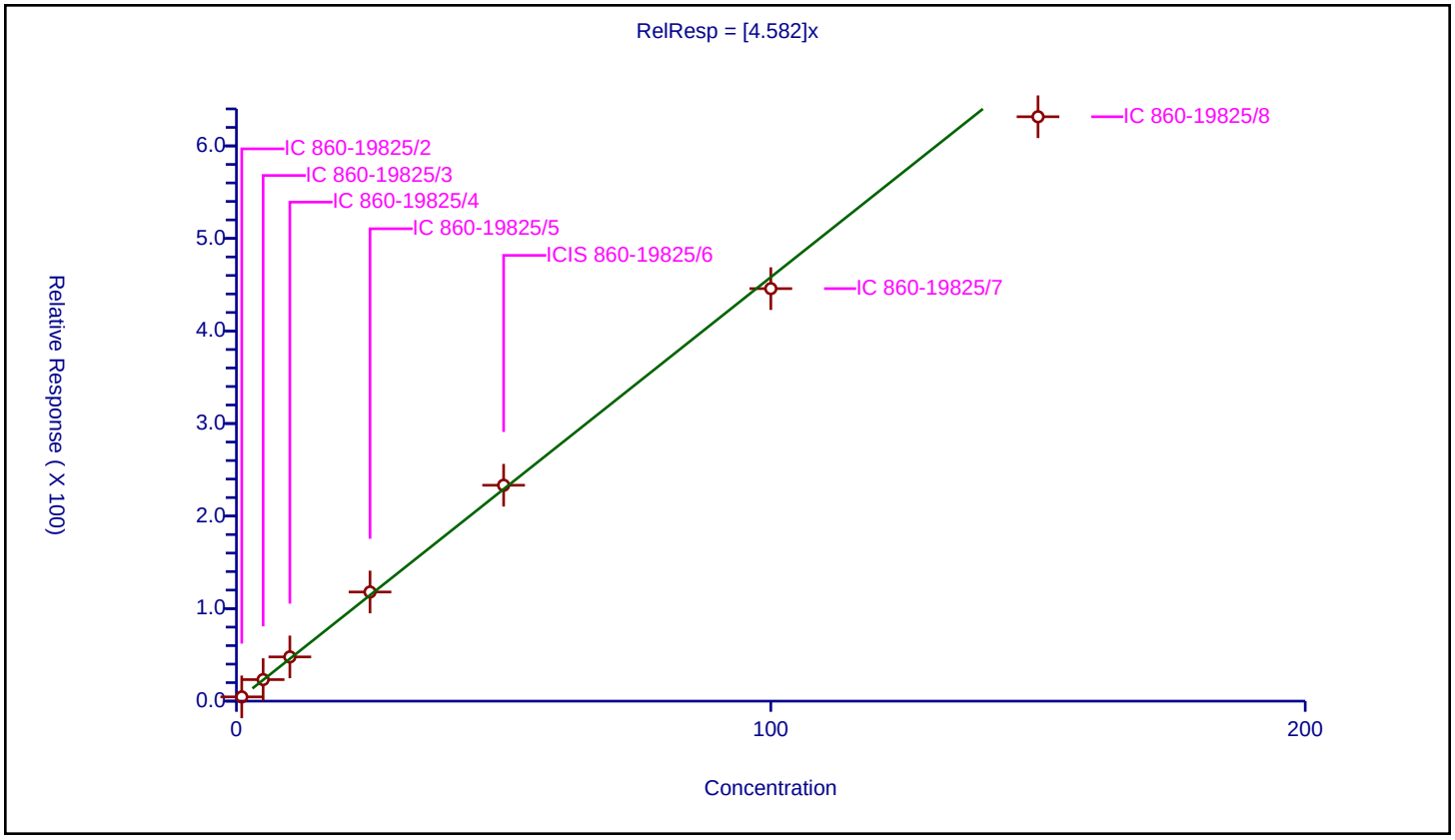
Curve Coefficients

Intercept:	0
Slope:	4.582

Error Coefficients

Standard Error:	2000000
Relative Standard Error:	4.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	4.58542	50.0	273421.0	4.58542	Y
2	IC 860-19825/3	5.0	23.27228	50.0	283466.0	4.654456	Y
3	IC 860-19825/4	10.0	47.79956	50.0	279376.0	4.779956	Y
4	IC 860-19825/5	25.0	117.938221	50.0	289580.0	4.717529	Y
5	ICIS 860-19825/6	50.0	233.314371	50.0	297966.0	4.666287	Y
6	IC 860-19825/7	100.0	445.781743	50.0	289622.0	4.457817	Y
7	IC 860-19825/8	150.0	631.522629	50.0	304191.0	4.210151	Y



Calibration / 4-Ethyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

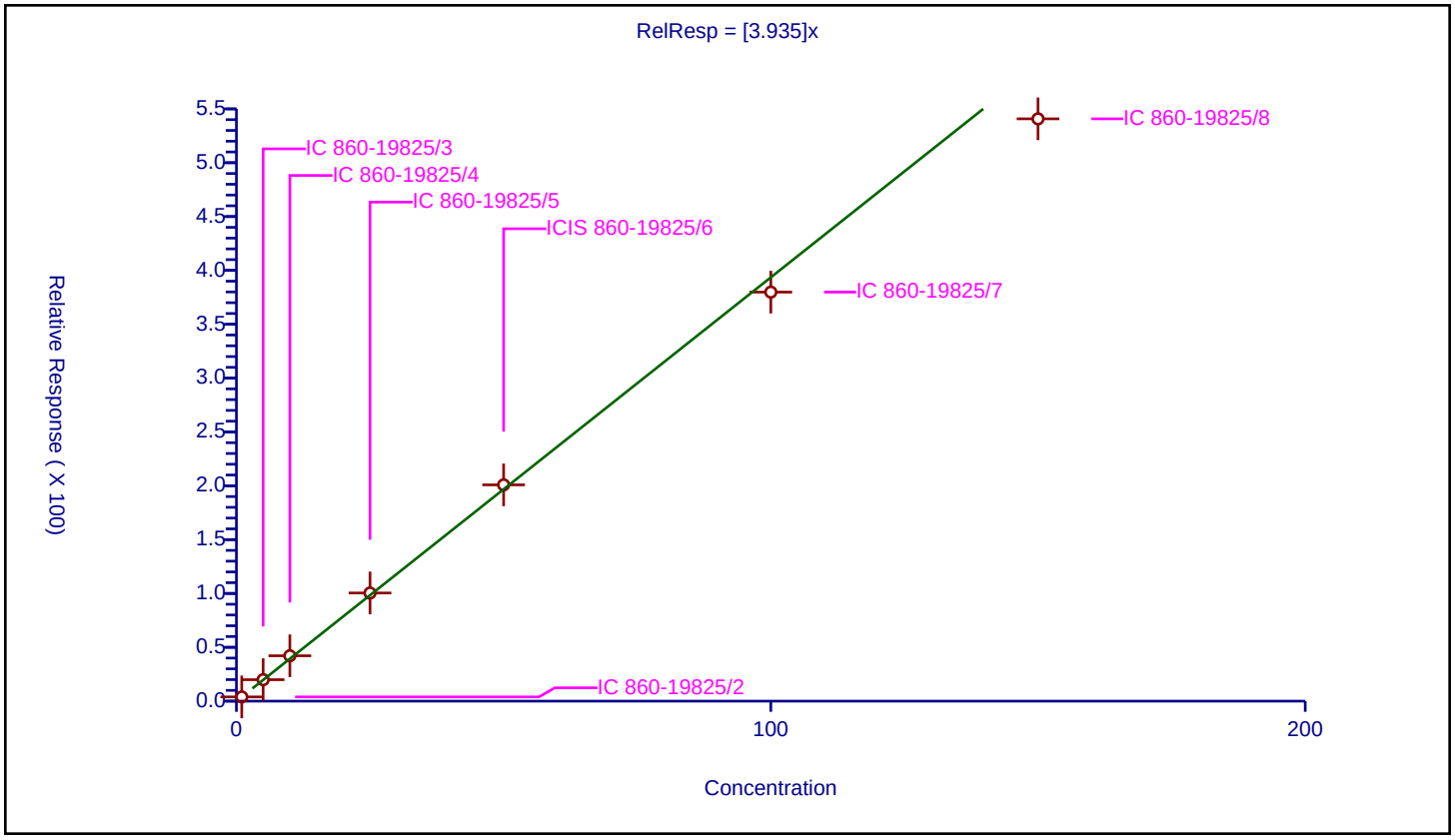
Curve Coefficients

Intercept:	0
Slope:	3.935

Error Coefficients

Standard Error:	1710000
Relative Standard Error:	4.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	3.914842	50.0	273421.0	3.914842	Y
2	IC 860-19825/3	5.0	19.911912	50.0	283466.0	3.982382	Y
3	IC 860-19825/4	10.0	42.128708	50.0	279376.0	4.212871	Y
4	IC 860-19825/5	25.0	100.431314	50.0	289580.0	4.017253	Y
5	ICIS 860-19825/6	50.0	200.864193	50.0	297966.0	4.017284	Y
6	IC 860-19825/7	100.0	379.854258	50.0	289622.0	3.798543	Y
7	IC 860-19825/8	150.0	540.76452	50.0	304191.0	3.605097	Y



Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

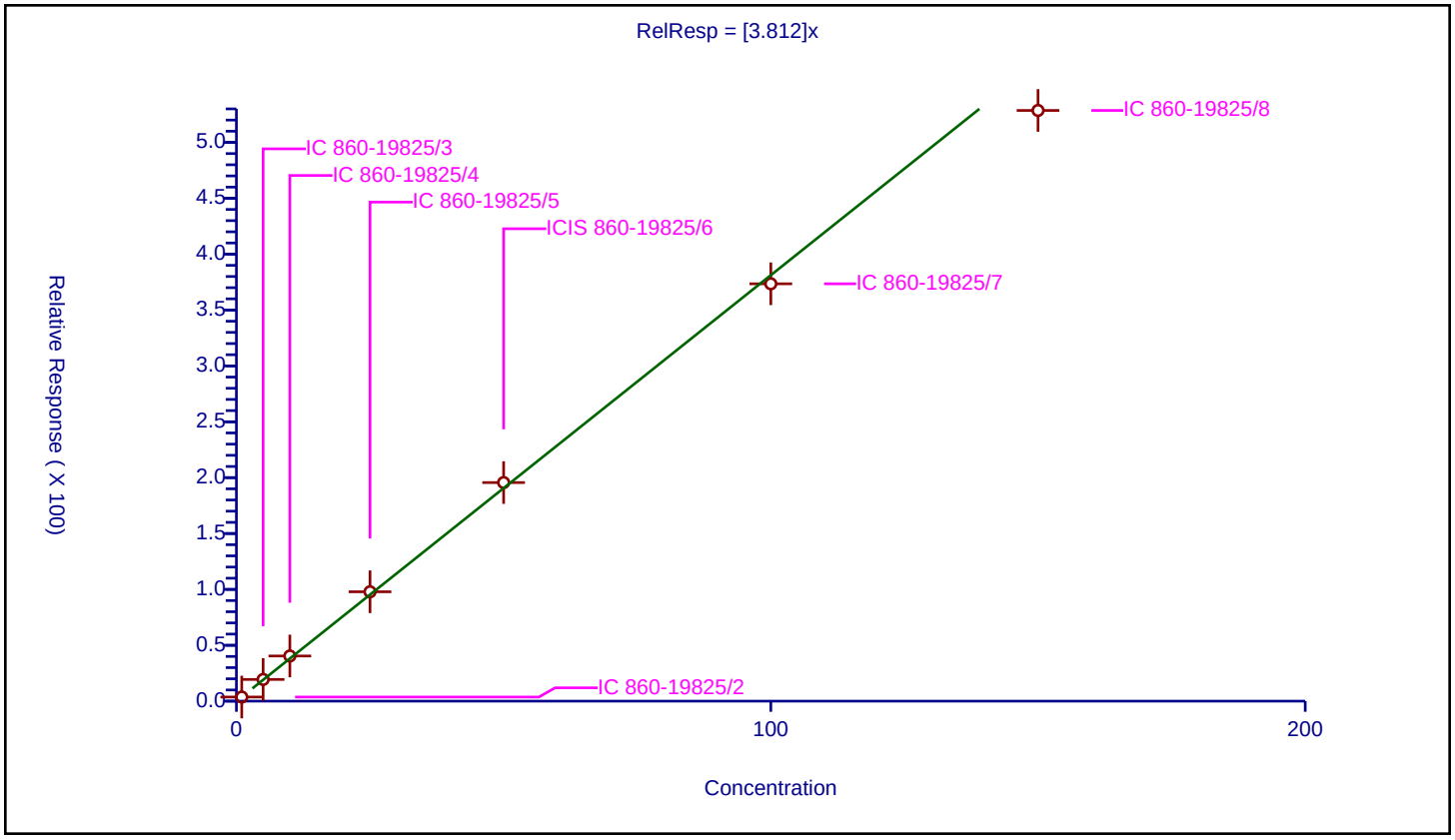
Curve Coefficients

Intercept:	0
Slope:	3.812

Error Coefficients

Standard Error:	1670000
Relative Standard Error:	4.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	3.674553	50.0	273421.0	3.674553	Y
2	IC 860-19825/3	5.0	19.403914	50.0	283466.0	3.880783	Y
3	IC 860-19825/4	10.0	40.421511	50.0	279376.0	4.042151	Y
4	IC 860-19825/5	25.0	97.872091	50.0	289580.0	3.914884	Y
5	ICIS 860-19825/6	50.0	195.60621	50.0	297966.0	3.912124	Y
6	IC 860-19825/7	100.0	373.473355	50.0	289622.0	3.734734	Y
7	IC 860-19825/8	150.0	528.583193	50.0	304191.0	3.523888	Y



Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

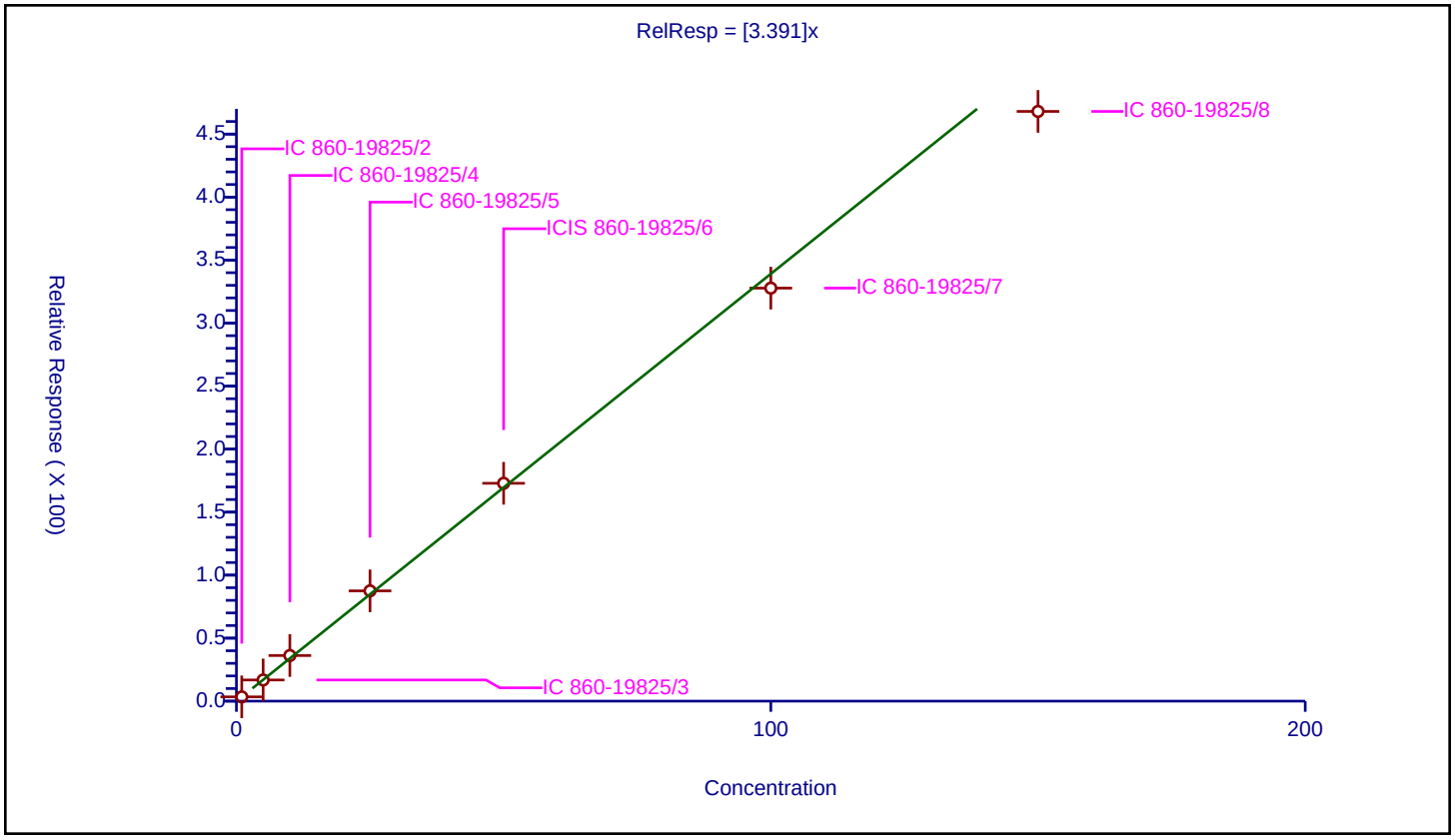
Curve Coefficients

Intercept:	0
Slope:	3.391

Error Coefficients

Standard Error:	1480000
Relative Standard Error:	4.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	3.40208	50.0	273421.0	3.40208	Y
2	IC 860-19825/3	5.0	16.793372	50.0	283466.0	3.358674	Y
3	IC 860-19825/4	10.0	36.197812	50.0	279376.0	3.619781	Y
4	IC 860-19825/5	25.0	87.524	50.0	289580.0	3.50096	Y
5	ICIS 860-19825/6	50.0	172.894391	50.0	297966.0	3.457888	Y
6	IC 860-19825/7	100.0	327.763084	50.0	289622.0	3.277631	Y
7	IC 860-19825/8	150.0	467.9933	50.0	304191.0	3.119955	Y



Calibration / 1,2,4-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

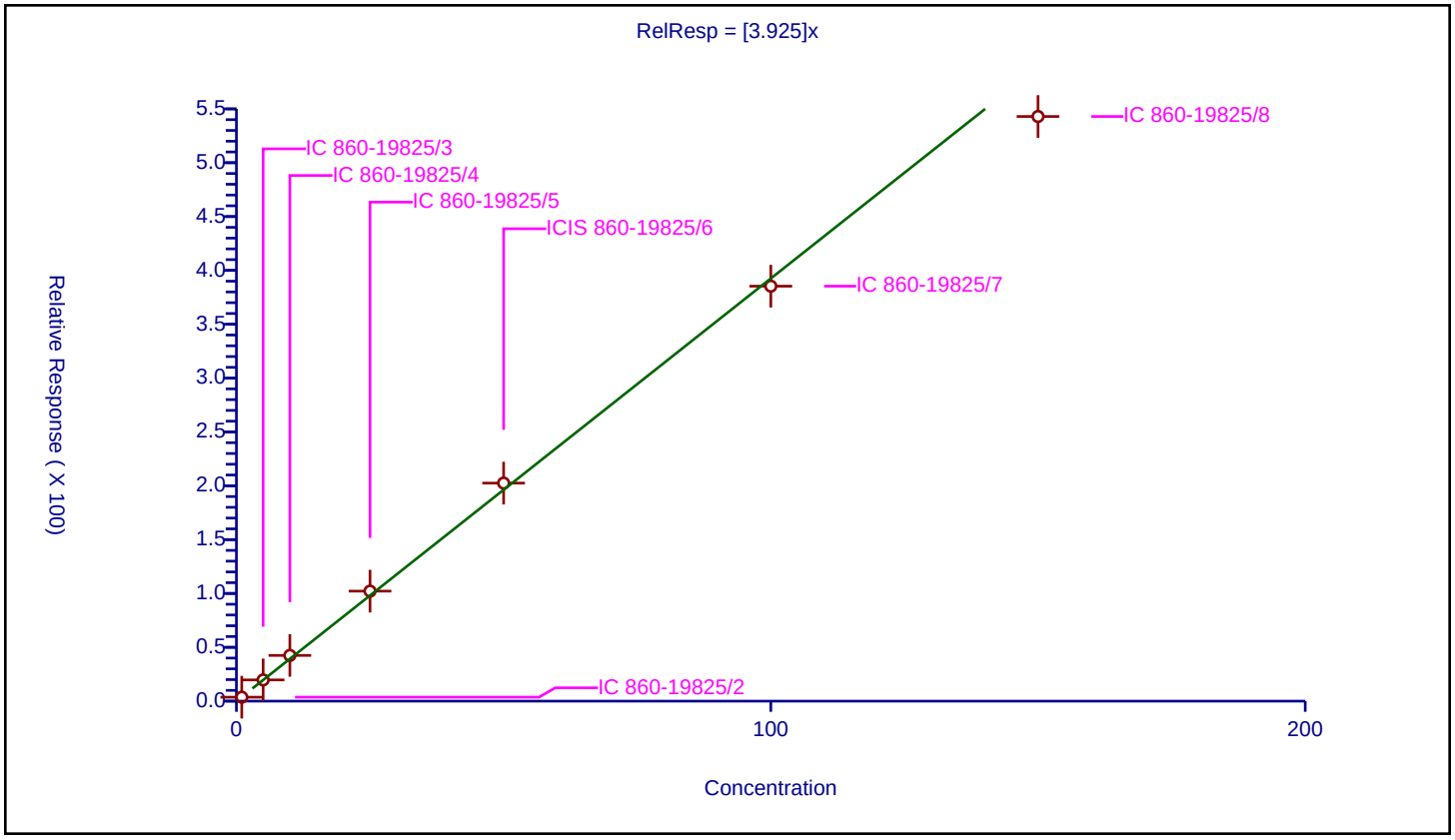
Curve Coefficients

Intercept:	0
Slope:	3.925

Error Coefficients

Standard Error:	1720000
Relative Standard Error:	5.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	3.681136	50.0	273421.0	3.681136	Y
2	IC 860-19825/3	5.0	19.709948	50.0	283466.0	3.94199	Y
3	IC 860-19825/4	10.0	42.446738	50.0	279376.0	4.244674	Y
4	IC 860-19825/5	25.0	102.166931	50.0	289580.0	4.086677	Y
5	ICIS 860-19825/6	50.0	202.485351	50.0	297966.0	4.049707	Y
6	IC 860-19825/7	100.0	385.371277	50.0	289622.0	3.853713	Y
7	IC 860-19825/8	150.0	542.953112	50.0	304191.0	3.619687	Y



Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

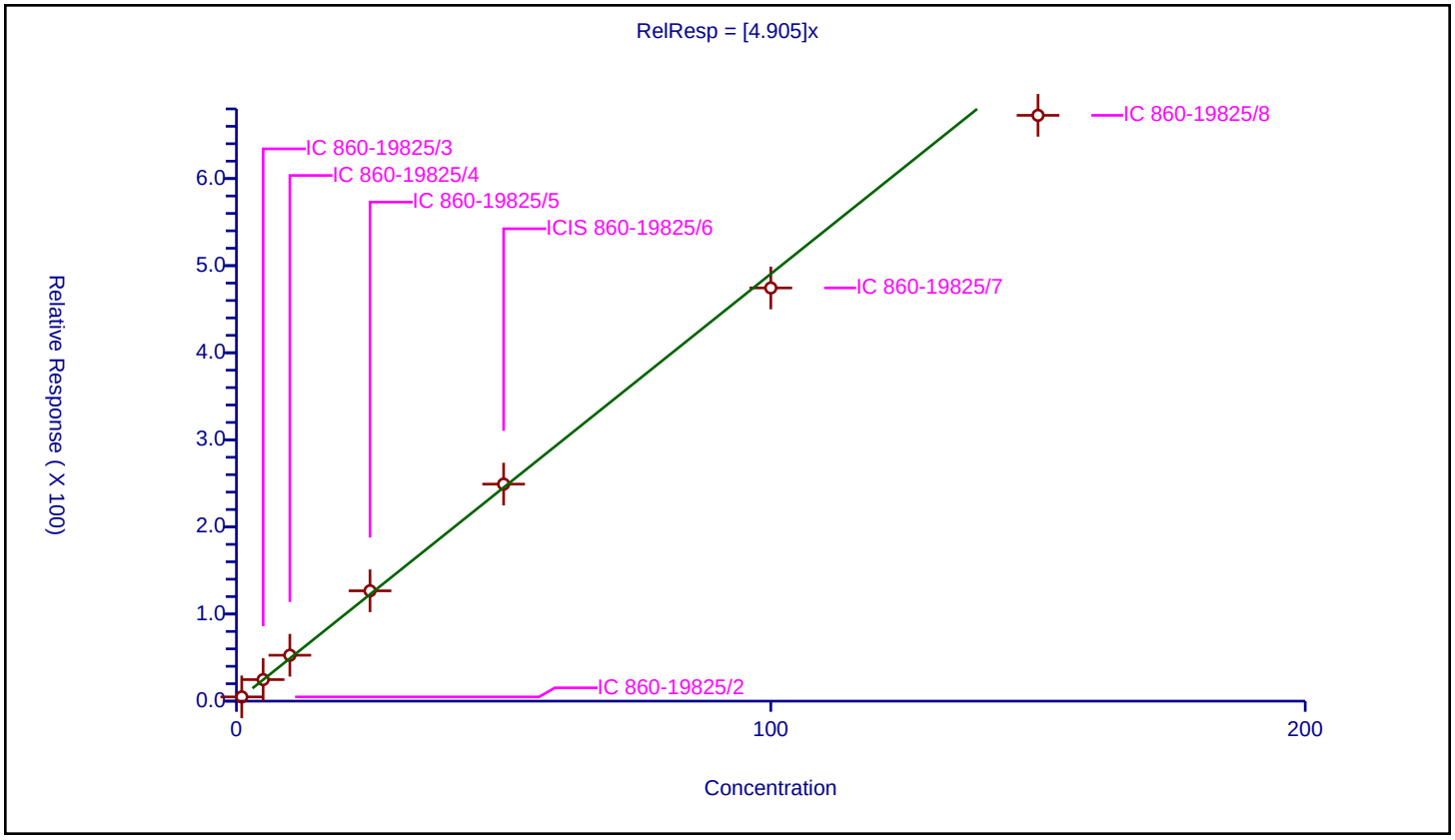
Curve Coefficients

Intercept:	0
Slope:	4.905

Error Coefficients

Standard Error:	2130000
Relative Standard Error:	5.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	4.84619	50.0	273421.0	4.84619	Y
2	IC 860-19825/3	5.0	24.709489	50.0	283466.0	4.941898	Y
3	IC 860-19825/4	10.0	52.711758	50.0	279376.0	5.271176	Y
4	IC 860-19825/5	25.0	126.676393	50.0	289580.0	5.067056	Y
5	ICIS 860-19825/6	50.0	249.184974	50.0	297966.0	4.983699	Y
6	IC 860-19825/7	100.0	474.441168	50.0	289622.0	4.744412	Y
7	IC 860-19825/8	150.0	672.594192	50.0	304191.0	4.483961	Y



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

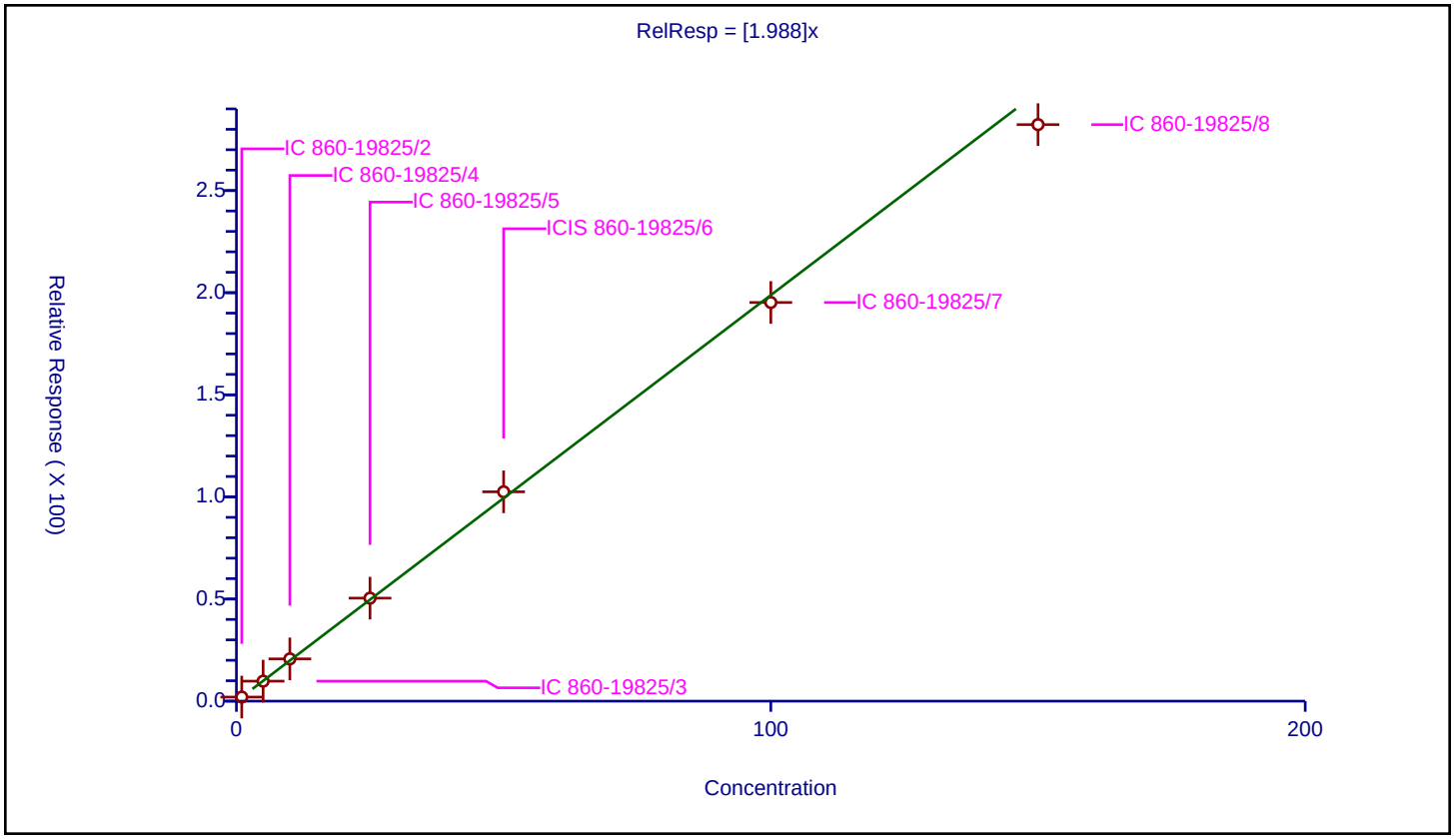
Curve Coefficients

Intercept:	0
Slope:	1.988

Error Coefficients

Standard Error:	885000
Relative Standard Error:	3.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	1.989423	50.0	273421.0	1.989423	Y
2	IC 860-19825/3	5.0	9.782831	50.0	283466.0	1.956566	Y
3	IC 860-19825/4	10.0	20.695049	50.0	279376.0	2.069505	Y
4	IC 860-19825/5	25.0	50.440638	50.0	289580.0	2.017626	Y
5	ICIS 860-19825/6	50.0	102.503306	50.0	297966.0	2.050066	Y
6	IC 860-19825/7	100.0	195.203921	50.0	289622.0	1.952039	Y
7	IC 860-19825/8	150.0	282.293033	50.0	304191.0	1.881954	Y



Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

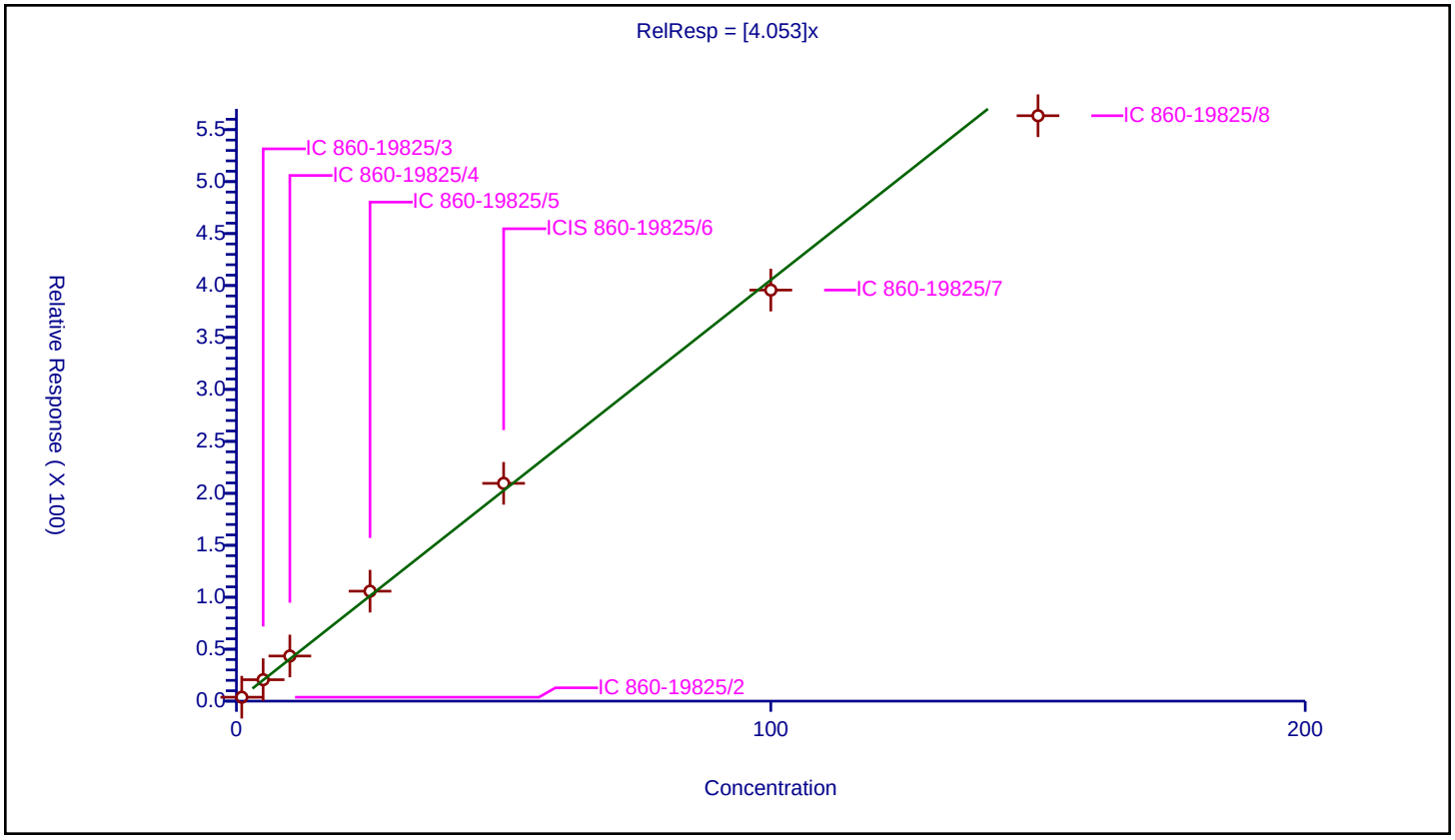
Curve Coefficients

Intercept:	0
Slope:	4.053

Error Coefficients

Standard Error:	1780000
Relative Standard Error:	5.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	3.768182	50.0	273421.0	3.768182	Y
2	IC 860-19825/3	5.0	20.612878	50.0	283466.0	4.122576	Y
3	IC 860-19825/4	10.0	43.424453	50.0	279376.0	4.342445	Y
4	IC 860-19825/5	25.0	105.839837	50.0	289580.0	4.233593	Y
5	ICIS 860-19825/6	50.0	209.629958	50.0	297966.0	4.192599	Y
6	IC 860-19825/7	100.0	395.617218	50.0	289622.0	3.956172	Y
7	IC 860-19825/8	150.0	563.432514	50.0	304191.0	3.756217	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

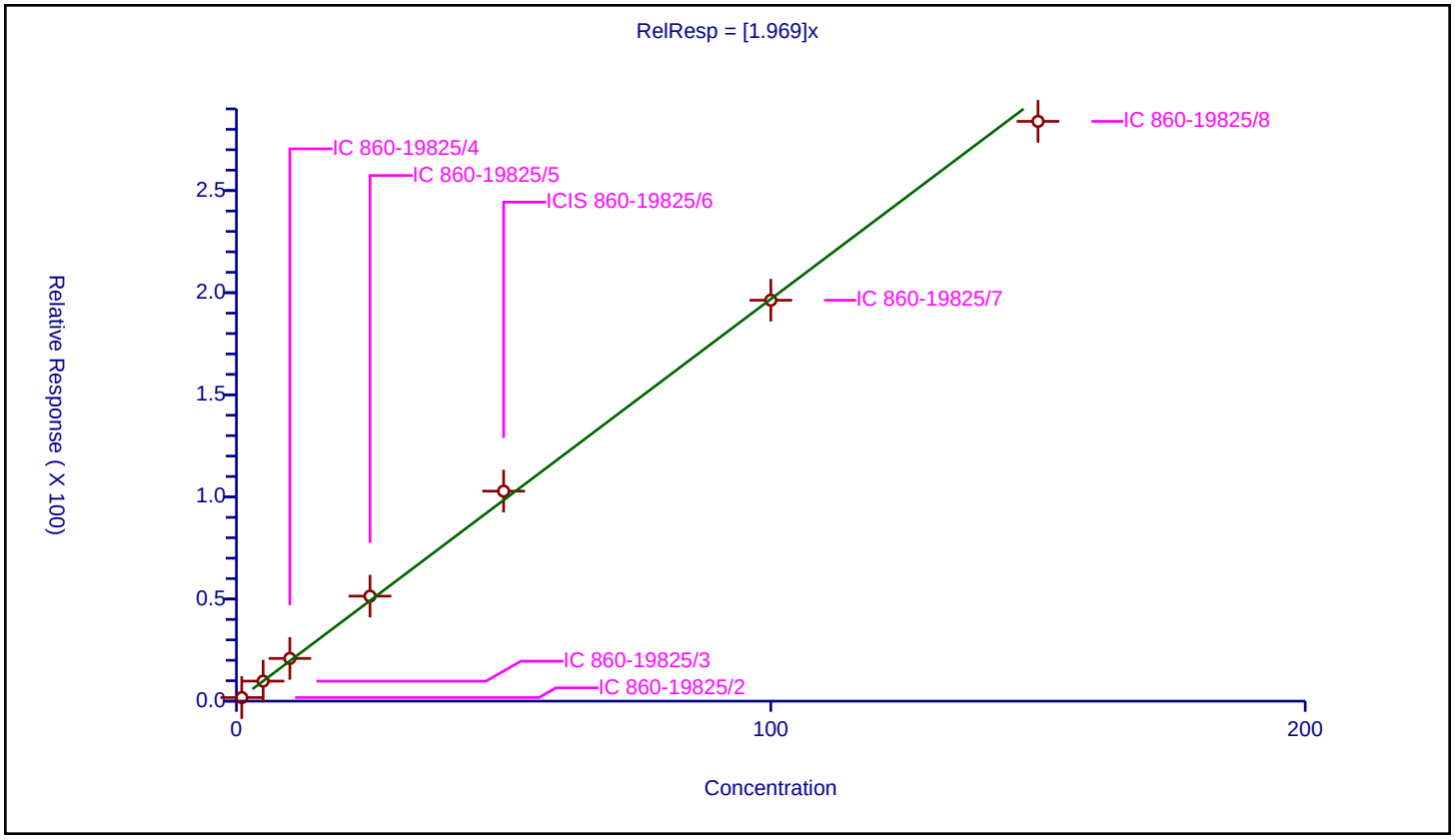
Curve Coefficients

Intercept:	0
Slope:	1.969

Error Coefficients

Standard Error:	890000
Relative Standard Error:	5.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	1.759009	50.0	273421.0	1.759009	Y
2	IC 860-19825/3	5.0	9.805409	50.0	283466.0	1.961082	Y
3	IC 860-19825/4	10.0	20.916793	50.0	279376.0	2.091679	Y
4	IC 860-19825/5	25.0	51.419124	50.0	289580.0	2.056765	Y
5	ICIS 860-19825/6	50.0	102.83237	50.0	297966.0	2.056647	Y
6	IC 860-19825/7	100.0	196.325037	50.0	289622.0	1.96325	Y
7	IC 860-19825/8	150.0	283.900904	50.0	304191.0	1.892673	Y



Calibration / Dicyclopentadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

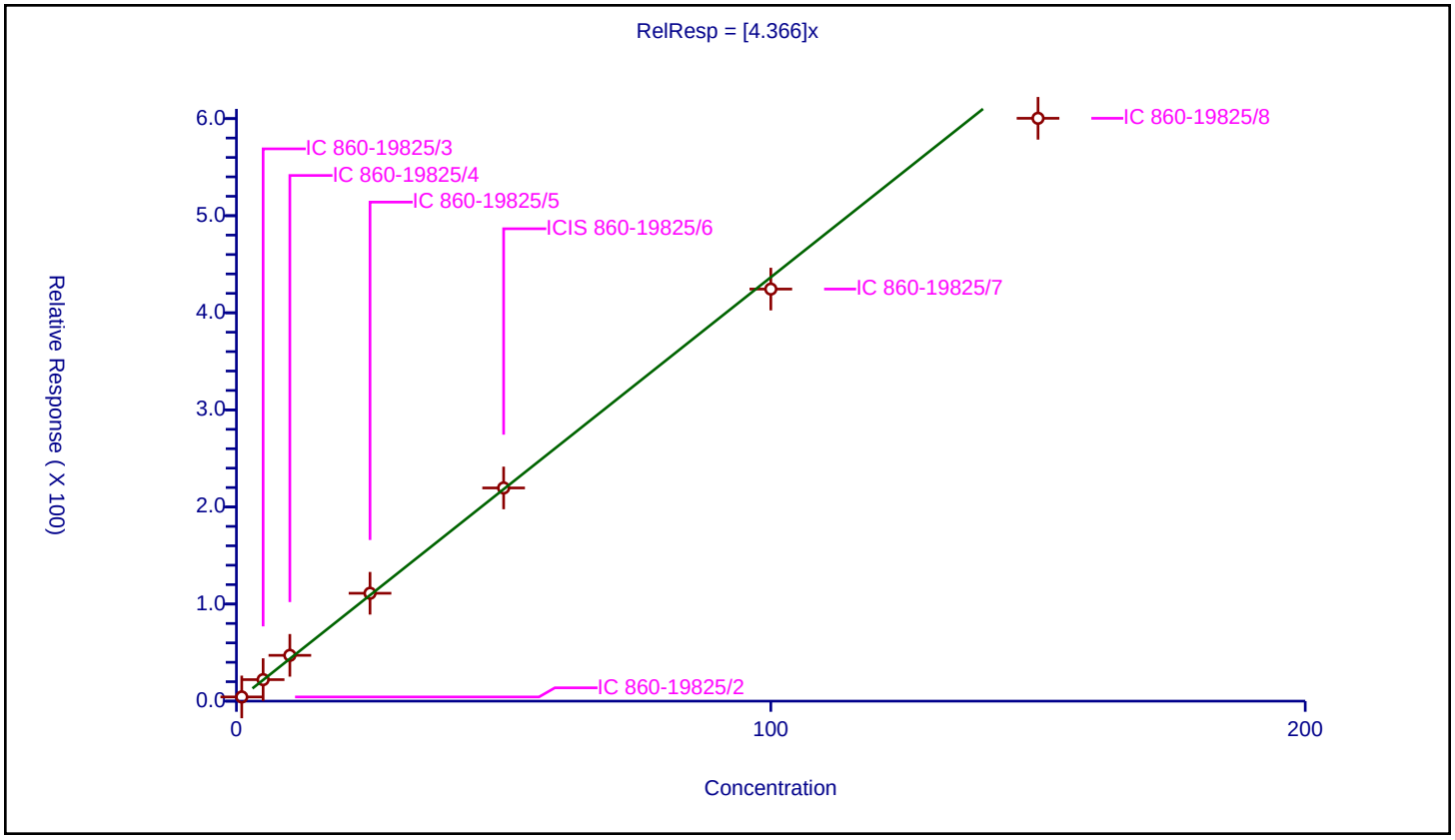
Curve Coefficients

Intercept:	0
Slope:	4.366

Error Coefficients

Standard Error:	1900000
Relative Standard Error:	5.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	4.331964	50.0	273421.0	4.331964	Y
2	IC 860-19825/3	5.0	22.162094	50.0	283466.0	4.432419	Y
3	IC 860-19825/4	10.0	47.156699	50.0	279376.0	4.71567	Y
4	IC 860-19825/5	25.0	111.102631	50.0	289580.0	4.444105	Y
5	ICIS 860-19825/6	50.0	219.583946	50.0	297966.0	4.391679	Y
6	IC 860-19825/7	100.0	424.410438	50.0	289622.0	4.244104	Y
7	IC 860-19825/8	150.0	600.322166	50.0	304191.0	4.002148	Y



Calibration / Benzyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

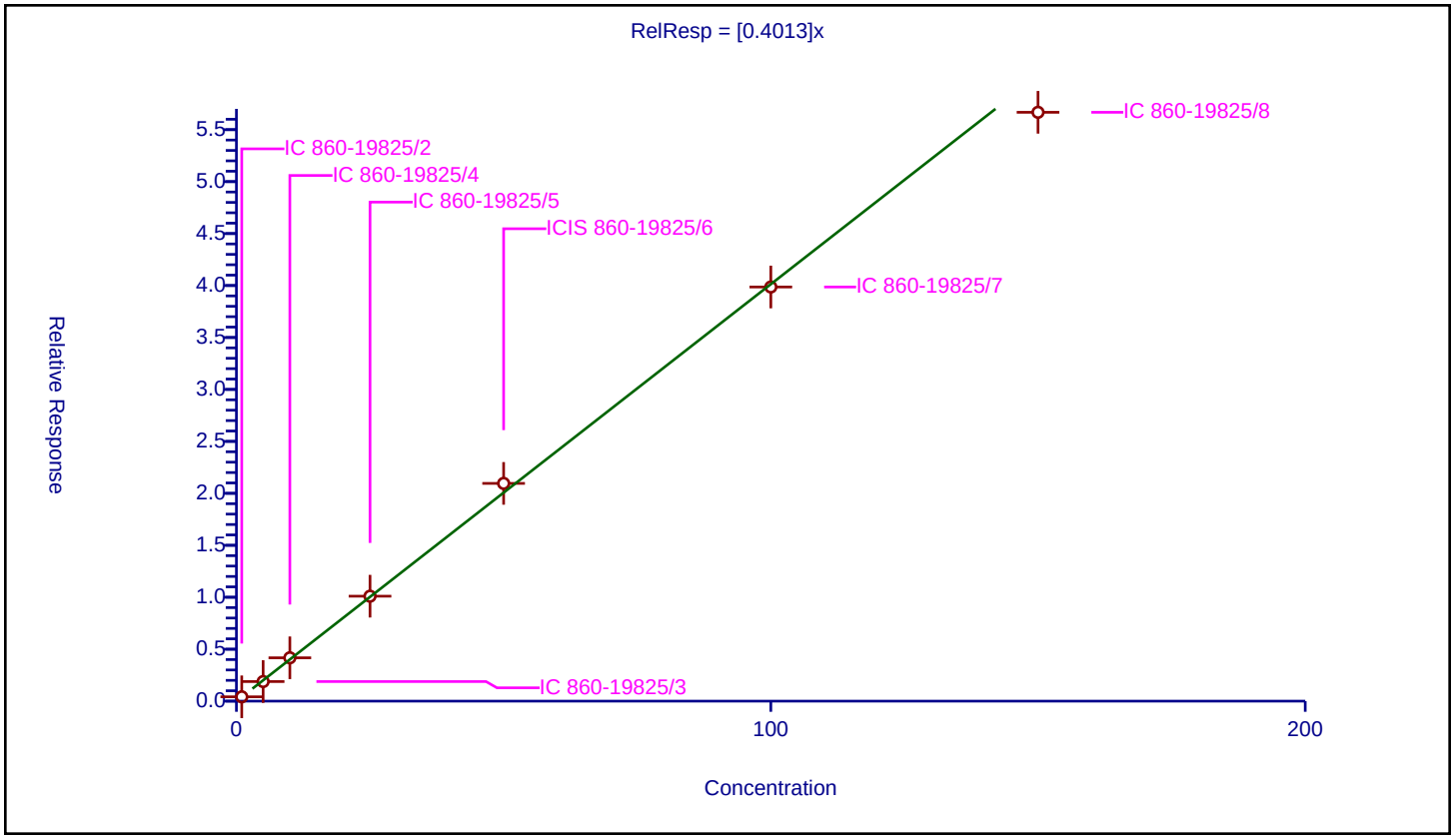
Curve Coefficients

Intercept:	0
Slope:	0.4013

Error Coefficients

Standard Error:	179000
Relative Standard Error:	4.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	0.415476	50.0	273421.0	0.415476	Y
2	IC 860-19825/3	5.0	1.884529	50.0	283466.0	0.376906	Y
3	IC 860-19825/4	10.0	4.17126	50.0	279376.0	0.417126	Y
4	IC 860-19825/5	25.0	10.10049	50.0	289580.0	0.40402	Y
5	ICIS 860-19825/6	50.0	20.955579	50.0	297966.0	0.419112	Y
6	IC 860-19825/7	100.0	39.85816	50.0	289622.0	0.398582	Y
7	IC 860-19825/8	150.0	56.671466	50.0	304191.0	0.37781	Y



Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

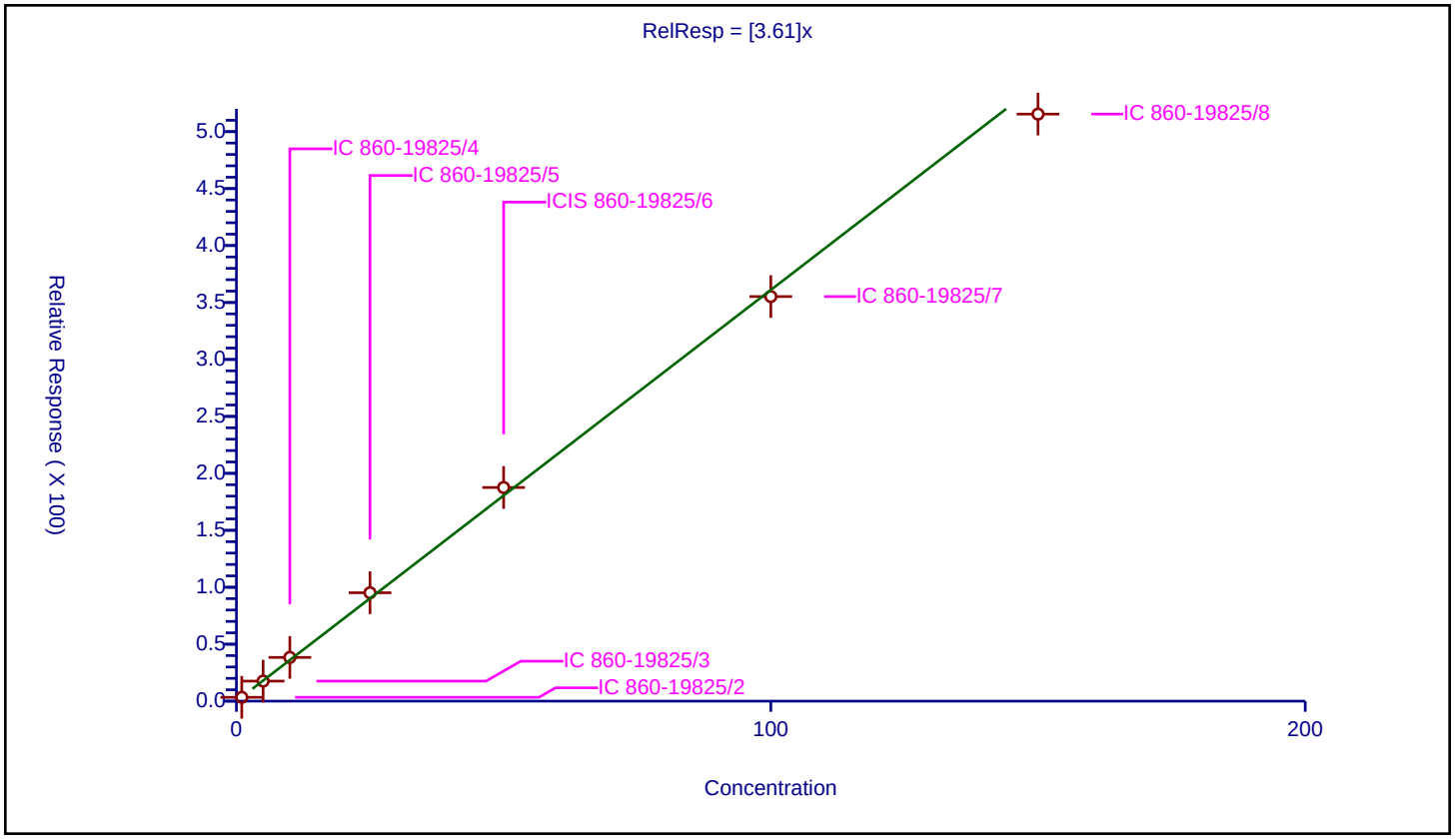
Curve Coefficients

Intercept:	0
Slope:	3.61

Error Coefficients

Standard Error:	1620000
Relative Standard Error:	5.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	3.363677	50.0	273421.0	3.363677	Y
2	IC 860-19825/3	5.0	17.608461	50.0	283466.0	3.521692	Y
3	IC 860-19825/4	10.0	38.397357	50.0	279376.0	3.839736	Y
4	IC 860-19825/5	25.0	95.159369	50.0	289580.0	3.806375	Y
5	ICIS 860-19825/6	50.0	187.570897	50.0	297966.0	3.751418	Y
6	IC 860-19825/7	100.0	355.23907	50.0	289622.0	3.552391	Y
7	IC 860-19825/8	150.0	515.41137	50.0	304191.0	3.436076	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

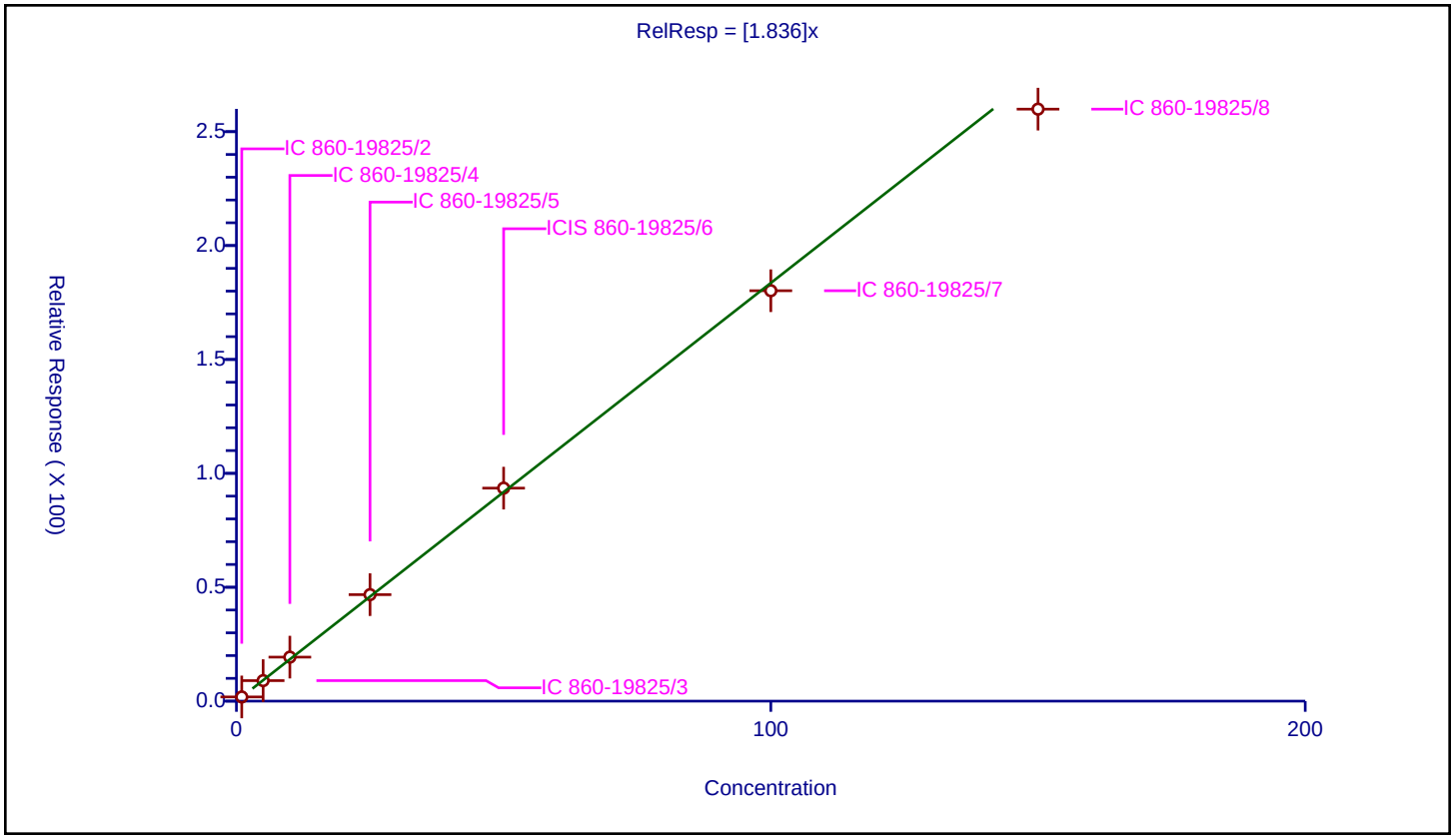
Curve Coefficients

Intercept:	0
Slope:	1.836

Error Coefficients

Standard Error:	815000
Relative Standard Error:	3.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	1.8413	50.0	273421.0	1.8413	Y
2	IC 860-19825/3	5.0	9.009017	50.0	283466.0	1.801803	Y
3	IC 860-19825/4	10.0	19.325031	50.0	279376.0	1.932503	Y
4	IC 860-19825/5	25.0	46.757027	50.0	289580.0	1.870281	Y
5	ICIS 860-19825/6	50.0	93.509998	50.0	297966.0	1.8702	Y
6	IC 860-19825/7	100.0	180.178647	50.0	289622.0	1.801786	Y
7	IC 860-19825/8	150.0	259.90003	50.0	304191.0	1.732667	Y



Calibration / 1,2-Dibromo-3-Chloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

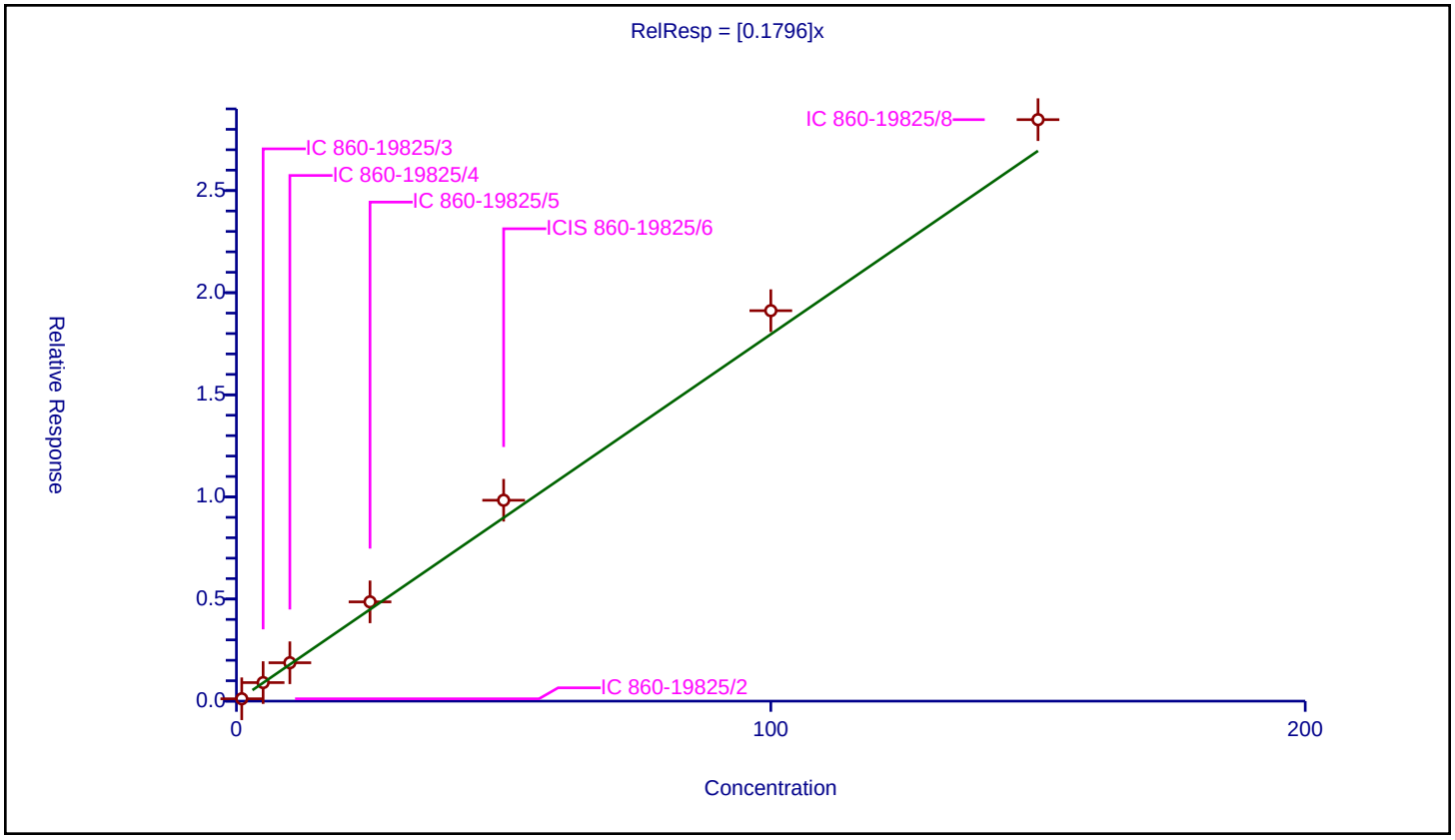
Curve Coefficients

Intercept:	0
Slope:	0.1796

Error Coefficients

Standard Error:	88200
Relative Standard Error:	16.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	0.115573	50.0	273421.0	0.115573	Y
2	IC 860-19825/3	5.0	0.908575	50.0	283466.0	0.181715	Y
3	IC 860-19825/4	10.0	1.879904	50.0	279376.0	0.18799	Y
4	IC 860-19825/5	25.0	4.861524	50.0	289580.0	0.194461	Y
5	ICIS 860-19825/6	50.0	9.836357	50.0	297966.0	0.196727	Y
6	IC 860-19825/7	100.0	19.120094	50.0	289622.0	0.191201	Y
7	IC 860-19825/8	150.0	28.4729	50.0	304191.0	0.189819	Y



Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

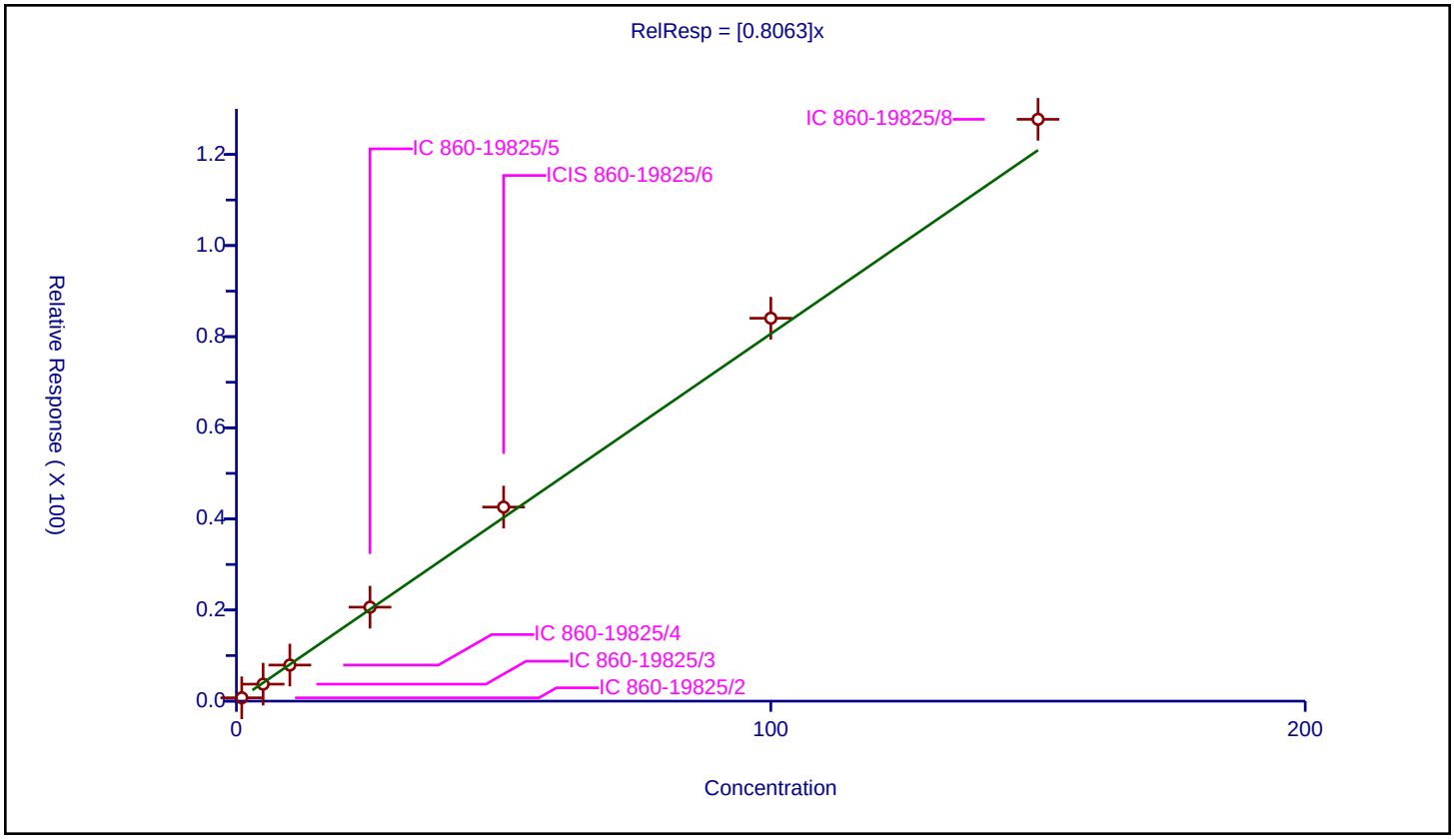
Curve Coefficients

Intercept:	0
Slope:	0.8063

Error Coefficients

Standard Error:	392000
Relative Standard Error:	6.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	0.736044	50.0	273421.0	0.736044	Y
2	IC 860-19825/3	5.0	3.732017	50.0	283466.0	0.746403	Y
3	IC 860-19825/4	10.0	7.924088	50.0	279376.0	0.792409	Y
4	IC 860-19825/5	25.0	20.626424	50.0	289580.0	0.825057	Y
5	ICIS 860-19825/6	50.0	42.600162	50.0	297966.0	0.852003	Y
6	IC 860-19825/7	100.0	84.055942	50.0	289622.0	0.840559	Y
7	IC 860-19825/8	150.0	127.714002	50.0	304191.0	0.851427	Y



Calibration / Hexachlorobutadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

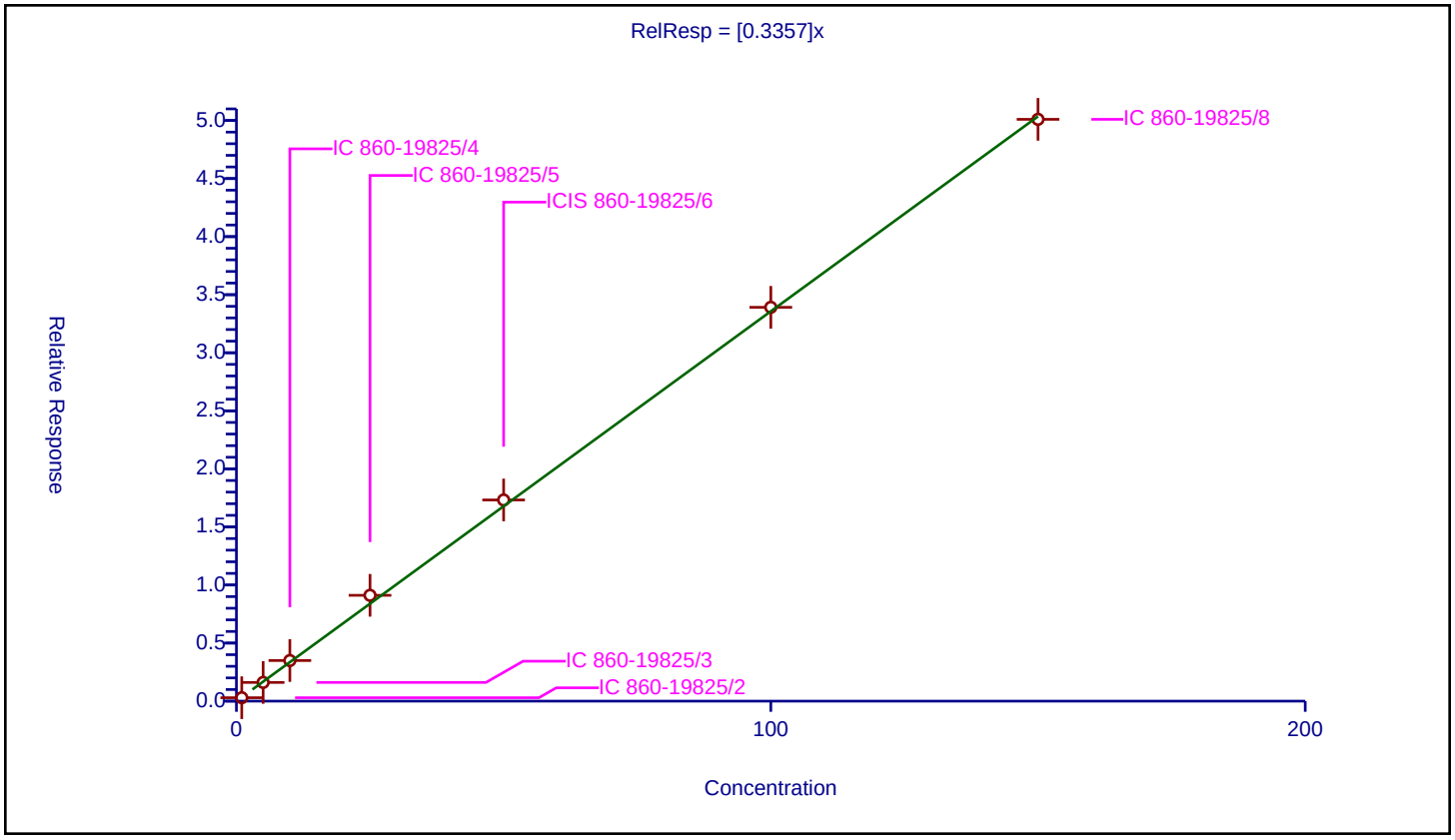
Curve Coefficients

Intercept:	0
Slope:	0.3357

Error Coefficients

Standard Error:	156000
Relative Standard Error:	6.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	0.293686	50.0	273421.0	0.293686	Y
2	IC 860-19825/3	5.0	1.611481	50.0	283466.0	0.322296	Y
3	IC 860-19825/4	10.0	3.4969	50.0	279376.0	0.34969	Y
4	IC 860-19825/5	25.0	9.114407	50.0	289580.0	0.364576	Y
5	ICIS 860-19825/6	50.0	17.323453	50.0	297966.0	0.346469	Y
6	IC 860-19825/7	100.0	33.91386	50.0	289622.0	0.339139	Y
7	IC 860-19825/8	150.0	50.101252	50.0	304191.0	0.334008	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

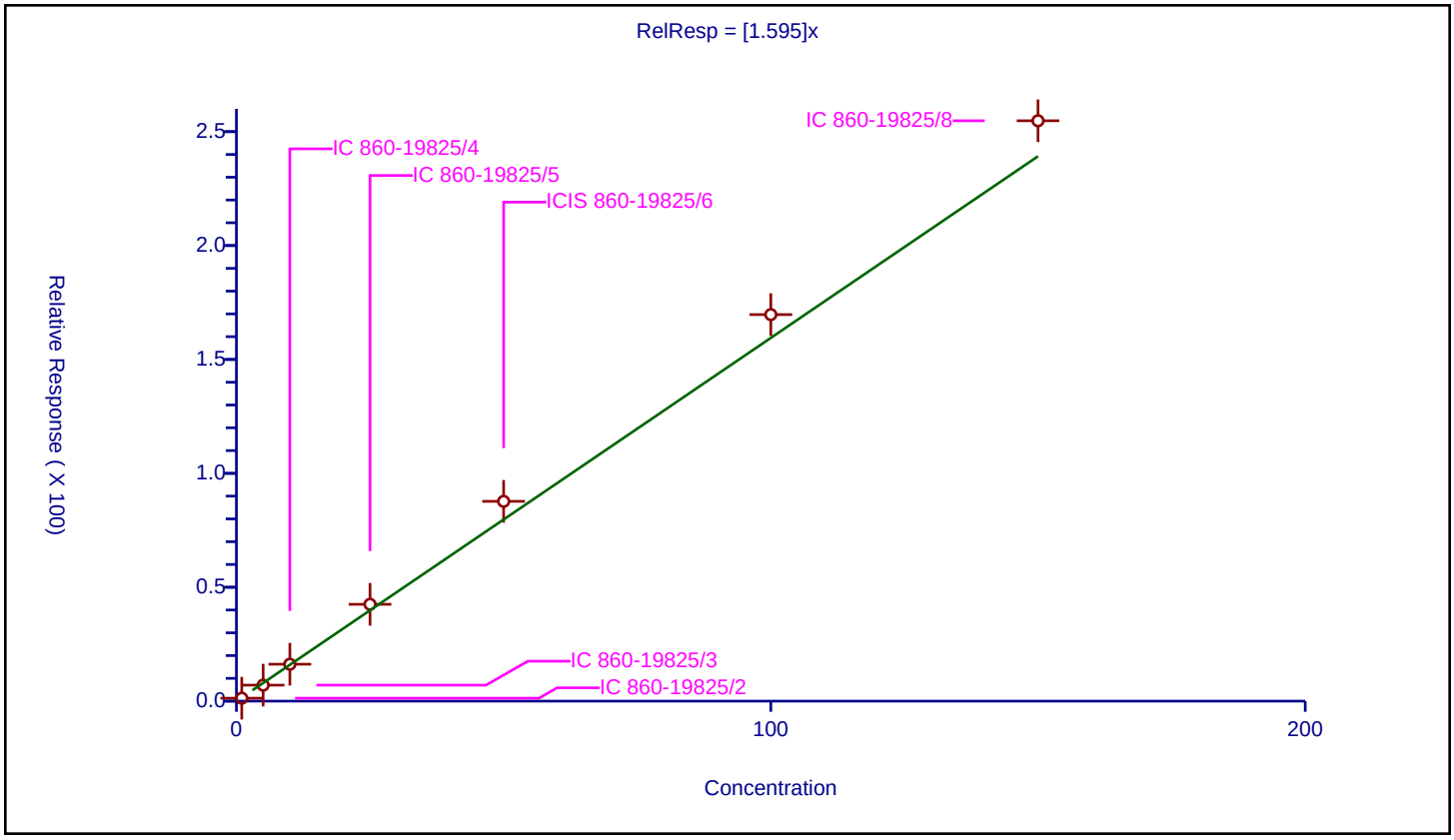
Curve Coefficients

Intercept:	0
Slope:	1.595

Error Coefficients

Standard Error:	786000
Relative Standard Error:	11.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	1.286295	50.0	273421.0	1.286295	Y
2	IC 860-19825/3	5.0	7.023241	50.0	283466.0	1.404648	Y
3	IC 860-19825/4	10.0	16.214528	50.0	279376.0	1.621453	Y
4	IC 860-19825/5	25.0	42.511223	50.0	289580.0	1.700449	Y
5	ICIS 860-19825/6	50.0	87.70598	50.0	297966.0	1.75412	Y
6	IC 860-19825/7	100.0	169.697226	50.0	289622.0	1.696972	Y
7	IC 860-19825/8	150.0	254.781042	50.0	304191.0	1.69854	Y



Calibration / 1,2,3-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

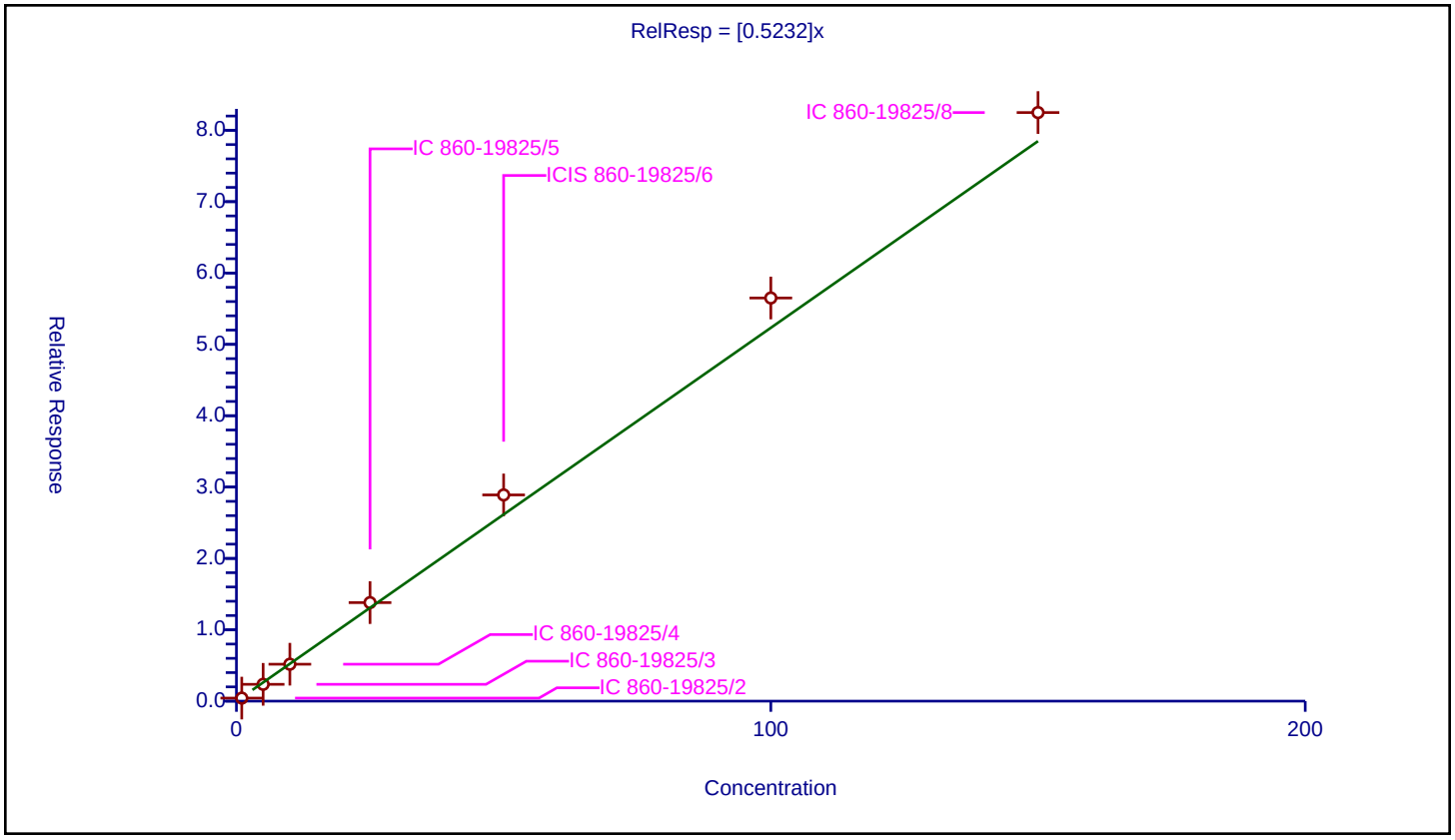
Curve Coefficients

Intercept:	0
Slope:	0.5232

Error Coefficients

Standard Error:	257000
Relative Standard Error:	10.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	0.428094	50.0	273421.0	0.428094	Y
2	IC 860-19825/3	5.0	2.35672	50.0	283466.0	0.471344	Y
3	IC 860-19825/4	10.0	5.176715	50.0	279376.0	0.517672	Y
4	IC 860-19825/5	25.0	13.808447	50.0	289580.0	0.552338	Y
5	ICIS 860-19825/6	50.0	28.901452	50.0	297966.0	0.578029	Y
6	IC 860-19825/7	100.0	56.499852	50.0	289622.0	0.564999	Y
7	IC 860-19825/8	150.0	82.487976	50.0	304191.0	0.54992	Y



Calibration / 2-Methylnaphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

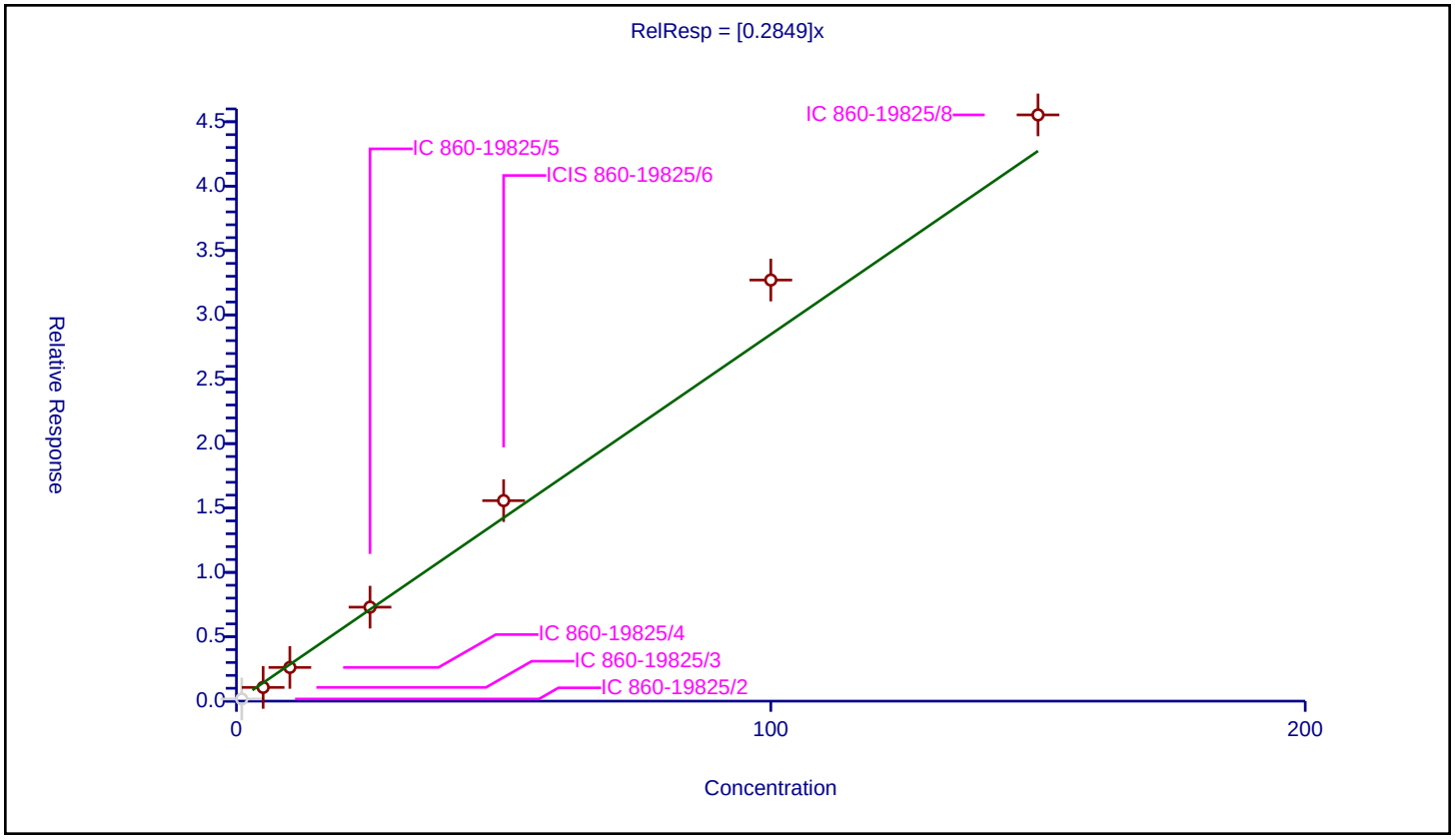
Curve Coefficients

Intercept:	0
Slope:	0.2849

Error Coefficients

Standard Error:	157000
Relative Standard Error:	14.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.974

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	0.16641	50.0	273421.0	0.16641	N
2	IC 860-19825/3	5.0	1.067147	50.0	283466.0	0.213429	Y
3	IC 860-19825/4	10.0	2.617977	50.0	279376.0	0.261798	Y
4	IC 860-19825/5	25.0	7.298847	50.0	289580.0	0.291954	Y
5	ICIS 860-19825/6	50.0	15.574596	50.0	297966.0	0.311492	Y
6	IC 860-19825/7	100.0	32.705906	50.0	289622.0	0.327059	Y
7	IC 860-19825/8	150.0	45.53422	50.0	304191.0	0.303561	Y



Calibration / 1-Methylnaphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

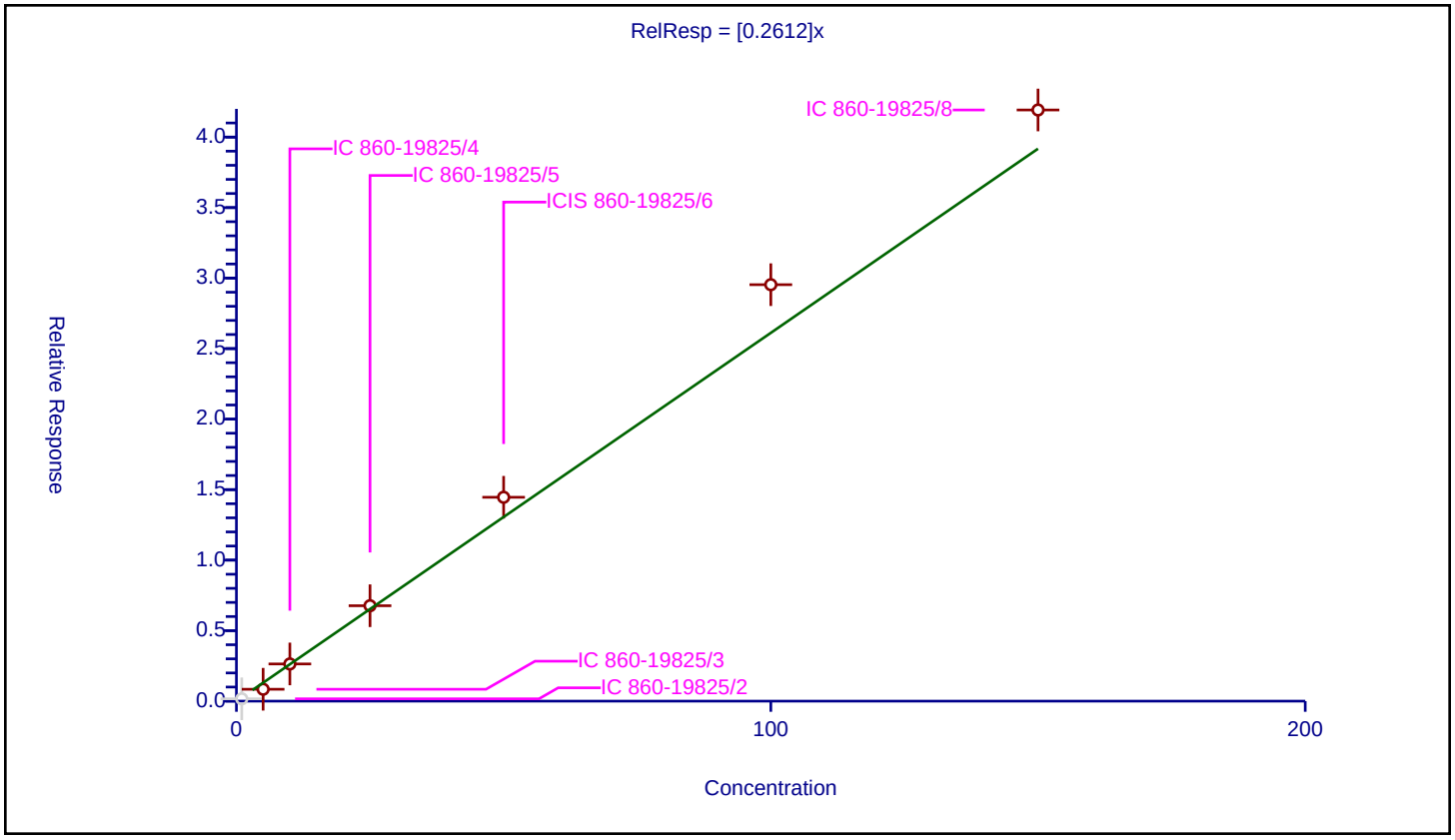
Curve Coefficients

Intercept:	0
Slope:	0.2612

Error Coefficients

Standard Error:	144000
Relative Standard Error:	17.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.963

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-19825/2	1.0	0.16513	50.0	273421.0	0.16513	N
2	IC 860-19825/3	5.0	0.843311	50.0	283466.0	0.168662	Y
3	IC 860-19825/4	10.0	2.636948	50.0	279376.0	0.263695	Y
4	IC 860-19825/5	25.0	6.766697	50.0	289580.0	0.270668	Y
5	ICIS 860-19825/6	50.0	14.458025	50.0	297966.0	0.289161	Y
6	IC 860-19825/7	100.0	29.53315	50.0	289622.0	0.295332	Y
7	IC 860-19825/8	150.0	41.922674	50.0	304191.0	0.279484	Y



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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1 Analy Batch No.: 22460

SDG No.:

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/14/2021 12:22 Calibration End Date: 09/14/2021 15:13 Calibration ID: 1544

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-22460/12	A32507068.D
Level 2	IC 860-22460/13	A32507069.D
Level 3	IC 860-22460/4	A32507060.D
Level 4	IC 860-22460/5	A32507061.D
Level 5	ICIS 860-22460/6	A32507062.D
Level 6	IC 860-22460/10	A32507066.D
Level 7	IC 860-22460/8	A32507064.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Propene	+++++ 0.2294	+++++ 0.2149	0.3424	0.2270	0.2476	Lin1	1.1490	0.2117				10.3			0.9950		0.9900
Dichlorodifluoromethane	0.3163 0.3659	0.3796 0.3529	0.3614	0.3121	0.3665	Ave		0.3507				7.5		20.0			
Chloromethane	0.6685 0.5742	0.6807 0.6131	0.6949	0.5999	0.6505	Ave		0.6403				7.1		20.0			
Vinyl chloride	0.5829 0.6214	0.7115 0.6188	0.6871	0.5931	0.6611	Ave		0.6394				7.6		20.0			
1,3-Butadiene	0.6162 0.5625	0.6428 0.4966	0.6431	0.5291	0.5699	Ave		0.5800				9.8		20.0			
Bromomethane	+++++ 1.3367	0.6687 1.2611	0.6390	1.0145	1.2631	Lin1	-4.608	1.3198				14.3			0.9960		0.9900
Chloroethane	0.3003 0.4189	0.3625 +++++	0.4113	0.4034	0.4186	Ave		0.3858				12.1		20.0			
Trichlorofluoromethane	0.7378 0.8058	0.8164 0.7641	0.8572	0.6431	0.7537	Ave		0.7683				9.0		20.0			
Diethyl ether	0.2763 0.4737	0.5031 0.4642	0.4447	0.4434	0.4626	Ave		0.4383				16.9		20.0			
Acrolein	0.1431 0.1368	0.1271 0.1309	0.1239	0.1288	0.1294	Ave		0.1314				4.9		20.0			
1,1-Dichloroethene	0.2002 0.4502	0.4742 0.4525	0.3635	0.3879	0.4410	Lin1	-0.265	0.4478				11.1			0.9980		0.9900
1,1,2-Trichloro-1,2,2-trifluoroethane	+++++ 0.3155	0.2897 0.2937	0.2610	0.2552	0.2947	Ave		0.2850				8.0		20.0			
Acetone	+++++ 0.2206	0.2296 0.1854	0.2203	0.2137	0.1883	Ave		0.2097				8.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1 Analy Batch No.: 22460

SDG No.:

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/14/2021 12:22 Calibration End Date: 09/14/2021 15:13 Calibration ID: 1544

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Iodomethane (Methyl Iodide)	+++++ 0.5690	0.3937 0.5662	0.3832	0.4012	0.5436	Ave		0.4762				19.3		20.0			
Carbon disulfide	1.8741 1.5247	1.8357 1.4260	1.4166	1.3892	1.4885	Ave		1.5650				13.0		20.0			
Isopropyl alcohol	0.0325 0.0346	0.0361 0.0335	0.0344	0.0363	0.0323	Ave		0.0342				4.7		20.0			
Acetonitrile	0.1828 0.1859	0.1980 0.1919	0.1731	0.1752	0.1913	Ave		0.1855				4.9		20.0			
Allyl Chloride (3-Chloropropene)	1.8280 1.8590	1.9801 1.9192	1.7307	1.7522	1.9131	Ave		1.8546				4.9		20.0			
Methyl acetate	0.6525 0.5704	0.5804 0.5595	0.5489	0.5577	0.5620	Ave		0.5759				6.1		20.0			
Methylene Chloride	0.4076 0.5939	0.6443 0.5608	0.5088	0.5331	0.5831	Ave		0.5474				13.8		20.0			
tert-Butyl alcohol	0.0648 0.0589	0.0623 0.0555	0.0547	0.0640	0.0545	Ave		0.0592				7.5		20.0			
Acrylonitrile	0.2844 0.2988	0.2715 0.2936	0.2536	0.2621	0.2794	Ave		0.2776				5.9		20.0			
trans-1,2-Dichloroethene	0.3387 0.5872	0.5642 0.5777	0.5048	0.4920	0.5722	Ave		0.5195				16.9		20.0			
MTBE	1.3985 1.9678	1.9080 1.9388	1.6898	1.7082	1.9424	Ave		1.7934				11.6		20.0			
n-Hexane	0.6265 0.7965	0.8545 0.7560	0.6699	0.6884	0.8221	Ave		0.7448				11.4		20.0			
1,1-Dichloroethane	0.7369 1.2045	1.2729 1.1694	1.0393	1.0200	1.2157	Ave		1.0941				16.7		20.0			
Vinyl acetate	1.7305 2.3917	2.0730 2.3464	1.8724	1.9996	2.2139	Ave		2.0897				11.7		20.0			
Isopropyl ether	1.7186 2.8166	2.5810 2.8249	2.2713	2.3608	2.7147	Ave		2.4697				16.0		20.0			
Chloroprene	0.6314 1.2053	1.0748 1.1957	0.9155	0.9673	1.1538	Ave		1.0205				20.0		20.0			
Ethyl tert-butyl ether	1.5879 2.1087	2.1203 2.0343	1.9008	1.8327	2.1847	Ave		1.9671				10.6		20.0			
2,2-Dichloropropane	+++++ 1.0540	0.9895 0.9705	0.8015	0.7963	1.0009	Ave		0.9355				11.7		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1 Analy Batch No.: 22460

SDG No.:

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/14/2021 12:22 Calibration End Date: 09/14/2021 15:13 Calibration ID: 1544

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
cis-1,2-Dichloroethene	0.7879 1.1412	1.1738 1.1116	0.9630	0.8932	1.1322	Ave		1.0290				14.4		20.0			
2-Butanone	0.4052 0.3531	0.3312 0.3248	0.3104	0.3272	0.3476	Ave		0.3428				9.1		20.0			
Ethyl acetate	0.7579 0.8934	0.8779 0.8362	0.7790	0.8326	0.8705	Ave		0.8354				6.1		20.0			
Propane Nitrile (Propionitrile)	0.1022 0.1022	0.0976 0.0967	0.0904	0.0975	0.1020	Ave		0.0984				4.3		20.0			
Bromochloromethane	0.2179 0.4335	0.3883 0.4213	0.3656	0.3709	0.4388	Lin1	-0.252	0.4262				8.0			0.9980		0.9900
Methacrylonitrile	0.2537 0.3534	0.3020 0.3480	0.2851	0.3115	0.3355	Ave		0.3128				11.5		20.0			
Tetrahydrofuran	0.4819 0.2739	0.2490 0.2533	0.2670	0.2772	0.2475	Lin1	0.3588	0.2576				11.9			0.9970		0.9900
Chloroform	0.7344 1.1800	1.2149 1.1343	1.0083	1.0556	1.2032	Ave		1.0758				15.7		20.0			
1,1,1-Trichloroethane	0.5896 0.9791	1.0265 0.9346	0.8471	0.8745	0.9794	Ave		0.8901				16.5		20.0			
Cyclohexane	+++++ 0.8792	1.2167 0.8014	0.9074	0.8189	0.8905	Ave		0.9190				16.5		20.0			
Carbon tetrachloride	0.5064 0.7852	0.7865 0.7640	0.6439	0.6634	0.7758	Ave		0.7036				15.0		20.0			
1,1-Dichloropropene	0.5989 0.9163	0.9474 0.8882	0.7815	0.7597	0.9089	Ave		0.8287				14.9		20.0			
Isobutanol	+++++ 0.0169	0.0153 0.0166	0.0135	0.0179	0.0157	Ave		0.0160				9.6		20.0			
Benzene	1.0395 1.5082	1.5303 1.4862	1.2686	1.3303	1.4348	Ave		1.3711				12.8		20.0			
1,2-Dichloroethane	0.4088 0.6438	0.6077 0.6334	0.5025	0.5659	0.5874	Ave		0.5642				14.7		20.0			
2,2,4-Trimethylpentane	1.9651 2.2024	2.2109 2.0349	1.9209	1.9331	2.2276	Ave		2.0707				6.7		20.0			
Tert-amyl methyl ether	0.7575 1.1730	1.1576 1.1401	0.9936	1.0493	1.1297	Ave		1.0573				13.9		20.0			
n-Butanol	0.0137 0.0171	0.0151 0.0166	0.0159	0.0216	0.0176	Ave		0.0168				14.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1 Analy Batch No.: 22460

SDG No.:

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/14/2021 12:22 Calibration End Date: 09/14/2021 15:13 Calibration ID: 1544

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Trichloroethene	0.2125 0.3208	0.3305 0.3157	0.2655	0.2623	0.3133	Ave		0.2887				14.9		20.0			
Methylcyclohexane	0.3642 0.5939	0.5561 0.5542	0.4620	0.4871	0.5764	Ave		0.5134				15.8		20.0			
1,2-Dichloropropane	0.2747 0.4332	0.4217 0.4207	0.3558	0.3606	0.4414	Ave		0.3869				15.5		20.0			
Dibromomethane	0.2098 0.2941	0.2556 0.2922	0.2248	0.2456	0.2793	Ave		0.2573				12.8		20.0			
Methyl methacrylate	0.2432 0.3360	0.2686 0.3316	0.2540	0.2918	0.3029	Ave		0.2897				12.6		20.0			
1,4-Dioxane (P-Dioxane)	+++++ 0.0029	0.0026 0.0030	0.0029	0.0032	0.0031	Ave		0.0030				7.6		20.0			
Bromodichloromethane	0.3410 0.5478	0.5248 0.5422	0.4453	0.4573	0.5519	Ave		0.4872				16.0		20.0			
2-Nitropropane						None											
2-Chloroethyl vinyl ether	+++++ 0.0898	0.0155 0.0872	0.0198	0.0563	0.0596	Qua	-0.626	0.0820	0.0000724			41.7			0.9930		0.9900
cis-1,3-Dichloropropene	0.4910 0.6794	0.6268 0.6546	0.5174	0.5643	0.6674	Ave		0.6001				12.6		20.0			
4-Methyl-2-pentanone	0.4397 0.5545	0.4551 0.5382	0.4213	0.4948	0.4962	Ave		0.4857				10.3		20.0			
Toluene	0.6728 0.8842	1.0288 0.9029	0.7502	0.9190	0.9422	Ave		0.8715				13.8		20.0			
trans-1,3-Dichloropropene	0.4903 0.6289	0.6640 0.5970	0.5163	0.6018	0.6695	Ave		0.5954				11.6		20.0			
Ethyl methacrylate	0.4071 0.5676	0.5697 0.5474	0.4876	0.5811	0.5859	Ave		0.5352				12.2		20.0			
1,1,2-Trichloroethane	0.2151 0.3104	0.3282 0.2913	0.2706	0.3019	0.3278	Ave		0.2922				13.5		20.0			
Tetrachloroethene	0.1820 0.2496	0.2672 0.2411	0.1980	0.2324	0.2616	Ave		0.2331				13.7		20.0			
1,3-Dichloropropane	0.4365 0.5997	0.6407 0.5721	0.5252	0.5926	0.6538	Ave		0.5744				12.9		20.0			
2-Hexanone	0.3195 0.3550	0.3229 0.3471	0.2905	0.3731	0.3354	Ave		0.3348				8.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1 Analy Batch No.: 22460

SDG No.:

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/14/2021 12:22 Calibration End Date: 09/14/2021 15:13 Calibration ID: 1544

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dibromochloromethane	0.2706 0.3880	0.3877 0.3842	0.3074	0.3797	0.4026	Ave		0.3600				13.9		20.0			
1,2-Dibromoethane	0.3060 0.3455	0.3656 0.3348	0.3055	0.3439	0.3696	Ave		0.3387				7.6		20.0			
1-Chlorohexane	0.5449 0.5730	0.6267 0.5443	0.4950	0.5397	0.5926	Ave		0.5595				7.6		20.0			
Chlorobenzene	0.8553 0.9484	1.0302 0.9419	0.8214	0.9496	0.9941	Ave		0.9344				7.8		20.0			
1,1,1,2-Tetrachloroethane	0.1890 0.3525	0.3431 0.3460	0.2834	0.3436	0.3614	Ave		0.3170				19.5		20.0			
Ethylbenzene	1.3195 1.7454	1.8486 1.7195	1.4411	1.7457	1.8173	Ave		1.6624				12.1		20.0			
m,p-Xylenes	0.9463 1.3445	1.4205 1.3247	1.0793	1.3245	1.3661	Ave		1.2580				13.9		20.0			
o-Xylene	0.9407 1.4893	1.4101 1.5143	1.0982	1.3713	1.5112	Ave		1.3336				16.9		20.0			
Styrene	0.8973 1.2008	1.1583 1.1984	0.9086	1.1079	1.2044	Ave		1.0965				12.5		20.0			
Bromoform	0.1384 0.2524	0.2267 0.2462	0.1992	0.2378	0.2532	Ave		0.2220				18.6		20.0			
Isopropylbenzene	1.1718 1.6775	1.6340 1.6836	1.2757	1.5917	1.7217	Ave		1.5366				14.3		20.0			
Cyclohexanone	0.0126 0.0116	0.0103 0.0110	0.0096	0.0137	0.0111	Ave		0.0114				12.1		20.0			
Bromobenzene	0.6363 0.8235	0.8763 0.8057	0.6688	0.8337	0.7975	Ave		0.7774				11.5		20.0			
1,1,2,2-Tetrachloroethane	0.9399 1.1477	1.1193 1.1231	0.8975	1.2237	1.0855	Ave		1.0767				10.8		20.0			
1,2,3-Trichloropropane	1.1359 1.2393	1.2145 1.1151	0.9628	1.2796	1.1549	Ave		1.1575				9.0		20.0			
trans-1,4-Dichloro-2-butene	0.3012 0.3648	0.3064 0.3332	0.2586	0.3517	0.3220	Ave		0.3197				11.1		20.0			
N-Propylbenzene	3.7590 4.4029	4.7971 4.2950	3.4478	4.5155	4.2837	Ave		4.2144				10.9		20.0			
2-Chlorotoluene	2.2234 2.8713	3.0980 2.8292	2.2134	2.9572	2.7731	Ave		2.7094				13.0		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1 Analy Batch No.: 22460

SDG No.:

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/14/2021 12:22 Calibration End Date: 09/14/2021 15:13 Calibration ID: 1544

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
4-Ethyltoluene	2.6338 3.1412	3.3583 3.0581	2.4453	3.2463	3.0749	Ave		2.9940				11.1		20.0			
1,3,5-Trimethylbenzene	2.1397 3.0116	3.0892 3.0287	2.2707	2.9274	2.8703	Ave		2.7625				14.1		20.0			
4-Chlorotoluene	2.7516 3.1343	3.2444 3.1098	2.3011	3.0064	2.9659	Ave		2.9305				10.9		20.0			
tert-Butylbenzene	1.7947 2.3251	2.4288 2.2979	1.8536	2.3600	2.2563	Ave		2.1881				11.6		20.0			
1,2,4-Trimethylbenzene	2.2834 3.0050	2.9349 2.9809	2.1983	2.9683	2.8805	Ave		2.7502				12.8		20.0			
sec-Butylbenzene	3.0686 3.8501	3.9658 3.7527	2.8833	3.7883	3.6801	Ave		3.5698				11.7		20.0			
1,3-Dichlorobenzene	1.4990 1.5656	1.6046 1.5226	1.1811	1.5690	1.4785	Ave		1.4886				9.6		20.0			
p-Cymene (p-Isopropyltoluene)	2.6371 3.1032	3.0951 3.0360	2.3531	3.0688	3.0035	Ave		2.8995				10.0		20.0			
1,4-Dichlorobenzene	1.6257 1.6606	1.8149 1.6215	1.2476	1.5754	1.5465	Ave		1.5846				10.8		20.0			
Dicyclopentadiene	3.4568 5.2043	5.5185 5.0272	3.9189	5.2532	5.1046	Ave		4.7833				16.2		20.0			
n-Butylbenzene	3.8443 3.5077	3.3599 3.3912	2.4046	3.2207	3.2390	Ave		3.2811				13.4		20.0			
1,2-Dichlorobenzene	1.3516 1.5898	1.5225 1.5525	1.1929	1.5378	1.5062	Ave		1.4648				9.7		20.0			
1,2-Dibromo-3-Chloropropane	0.0002 0.1487	0.1459 0.1437	0.1180	0.1677	0.1424	Lin1	-0.1244	0.1481				13.6			0.9960		0.9900
1,2,4-Trichlorobenzene	1.1092 0.6927	0.7763 0.6138	0.5412	0.7125	0.6655	Lin1	0.4354	0.6445				12.1			0.9950		0.9900
Hexachlorobutadiene	+++++ 0.2940	0.3495 0.2649	0.2693	0.3366	0.3094	Ave		0.3040				11.4		20.0			
Naphthalene	+++++ 1.5196	1.6885 1.3750	1.1184	1.6618	1.4588	Ave		1.4703				14.3		20.0			
1,2,3-Trichlorobenzene	+++++ 0.4898	0.5251 0.4201	0.3756	0.5239	0.4684	Ave		0.4672				12.7		20.0			
Dibromofluoromethane (Surr)	0.6284 0.6304	0.6184 0.6263	0.6371	0.6104	0.6368	Ave		0.6268				1.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1 Analy Batch No.: 22460

SDG No.:

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/14/2021 12:22 Calibration End Date: 09/14/2021 15:13 Calibration ID: 1544

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2-Dichloroethane-d4 (Surr)	0.4530 0.4885	0.4673 0.4780	0.4607	0.4903	0.4667	Ave		0.4721				3.0		20.0			
Toluene-d8 (Surr)	1.4562 1.3340	1.4835 1.3320	1.4287	1.5241	1.4048	Ave		1.4233				5.1		20.0			
4-Bromofluorobenzene (Surr)	1.0310 1.0316	1.0264 1.0053	1.0144	1.0540	0.9795	Ave		1.0203				2.3		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1 Analy Batch No.: 22460

SDG No.:

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/14/2021 12:22 Calibration End Date: 09/14/2021 15:13 Calibration ID: 1544

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-22460/12	A32507068.D
Level 2	IC 860-22460/13	A32507069.D
Level 3	IC 860-22460/4	A32507060.D
Level 4	IC 860-22460/5	A32507061.D
Level 5	ICIS 860-22460/6	A32507062.D
Level 6	IC 860-22460/10	A32507066.D
Level 7	IC 860-22460/8	A32507064.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Propene	PFB	Lin1	+++++ 150803	+++++ 221948	17554	32910	73853	+++++ 100	+++++ 150	10.0	25.0	50.0
Dichlorodifluoromethane	PFB	Ave	1662 240577	9971 364457	18525	45255	109309	1.00 100	5.00 150	10.0	25.0	50.0
Chloromethane	PFB	Ave	3513 377545	17881 633178	35622	86975	194042	1.00 100	5.00 150	10.0	25.0	50.0
Vinyl chloride	PFB	Ave	3063 408537	18690 639144	35225	85989	197181	1.00 100	5.00 150	10.0	25.0	50.0
1,3-Butadiene	PFB	Ave	3238 369847	16886 512875	32969	76720	169986	1.00 100	5.00 150	10.0	25.0	50.0
Bromomethane	PFB	Lin1	+++++ 878883	17566 1302533	32758	147094	376751	+++++ 100	5.00 150	10.0	25.0	50.0
Chloroethane	PFB	Ave	1578 275420	9522 +++++	21084	58495	124856	1.00 100	5.00 +++++	10.0	25.0	50.0
Trichlorofluoromethane	PFB	Ave	3877 529826	21446 789166	43946	93247	224809	1.00 100	5.00 150	10.0	25.0	50.0
Diethyl ether	PFB	Ave	1452 311432	13216 479478	22795	64292	137984	1.00 100	5.00 150	10.0	25.0	50.0
Acrolein	PFB	Ave	3760 449861	16698 675724	31765	93410	192994	5.00 500	25.0 750	50.0	125	250
1,1-Dichloroethene	PFB	Lin1	1052 295996	12456 467314	18636	56245	131545	1.00 100	5.00 150	10.0	25.0	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	PFB	Ave	+++++ 207431	7610 303298	13381	37009	87897	+++++ 100	5.00 150	10.0	25.0	50.0
Acetone	PFB	Ave	+++++ 725191	30157 957435	56478	154918	280872	+++++ 500	25.0 750	50.0	125	250

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1 Analy Batch No.: 22460

SDG No.:

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/14/2021 12:22 Calibration End Date: 09/14/2021 15:13 Calibration ID: 1544

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Iodomethane (Methyl Iodide)	PFB	Ave	+++++ 374122	10342 584787	19644	58173	162156	+++++ 100	5.00 150	10.0	25.0	50.0
Carbon disulfide	PFB	Ave	9848 1002468	48219 1472823	72620	201423	443992	1.00 100	5.00 150	10.0	25.0	50.0
Isopropyl alcohol	PFB	Ave	1706 227490	9480 345838	17651	52635	96364	10.0 1000	50.0 1500	100	250	500
Acetonitrile	PFB	Ave	9606 1222260	52012 1982217	88725	254051	570620	10.0 1000	50.0 1500	100	250	500
Allyl Chloride (3-Chloropropene)	PFB	Ave	9606 1222260	52012 1982217	88725	254051	570620	1.00 100	5.00 150	10.0	25.0	50.0
Methyl acetate	PFB	Ave	6858 750136	30493 1155823	56276	161734	335233	2.00 200	10.0 300	20.0	50.0	100
Methylene Chloride	PFB	Ave	2142 390476	16925 579189	26081	77294	173915	1.00 100	5.00 150	10.0	25.0	50.0
tert-Butyl alcohol	PFB	Ave	3404 387043	16369 573499	28019	92766	162603	10.0 1000	50.0 1500	100	250	500
Acrylonitrile	PFB	Ave	14942 1964445	71322 3032182	130009	380036	833488	10.0 1000	50.0 1500	100	250	500
trans-1,2-Dichloroethene	PFB	Ave	1780 386070	14820 596615	25877	71334	170683	1.00 100	5.00 150	10.0	25.0	50.0
MTBE	PFB	Ave	7349 1293825	50118 2002386	86627	247668	579381	1.00 100	5.00 150	10.0	25.0	50.0
n-Hexane	PFB	Ave	3292 523728	22445 780773	34340	99818	245227	1.00 100	5.00 150	10.0	25.0	50.0
1,1-Dichloroethane	PFB	Ave	3872 791951	33437 1207785	53279	147887	362629	1.00 100	5.00 150	10.0	25.0	50.0
Vinyl acetate	PFB	Ave	45467 7862819	272266 12117064	479942	1449626	3301781	5.00 500	25.0 750	50.0	125	250
Isopropyl ether	PFB	Ave	9031 1851941	67797 2917590	116434	342301	809719	1.00 100	5.00 150	10.0	25.0	50.0
Chloroprene	PFB	Ave	3318 792511	28232 1234976	46930	140245	344148	1.00 100	5.00 150	10.0	25.0	50.0
Ethyl tert-butyl ether	PFB	Ave	8344 1386458	55694 2101107	97442	265725	651650	1.00 100	5.00 150	10.0	25.0	50.0
2,2-Dichloropropane	PFB	Ave	+++++ 693023	25993 1002341	41089	115456	298555	+++++ 100	5.00 150	10.0	25.0	50.0

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GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1 Analy Batch No.: 22460

SDG No.:

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/14/2021 12:22 Calibration End Date: 09/14/2021 15:13 Calibration ID: 1544

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
cis-1,2-Dichloroethene	PFB	Ave	4140 750328	30832 1148063	49365	129501	337715	1.00 100	5.00 150	10.0	25.0	50.0
2-Butanone	PFB	Ave	10647 1160781	43498 1677523	79559	237227	518449	5.00 500	25.0 750	50.0	125	250
Ethyl acetate	PFB	Ave	7965 1174799	46123 1727348	79869	241445	519315	2.00 200	10.0 300	20.0	50.0	100
Propane Nitrile (Propionitrile)	PFB	Ave	5371 671710	25645 998803	46362	141425	304309	10.0 1000	50.0 1500	100	250	500
Bromochloromethane	PFB	Lin1	1145 285053	10199 435159	18741	53775	130873	1.00 100	5.00 150	10.0	25.0	50.0
Methacrylonitrile	PFB	Ave	13333 2323783	79339 3593723	146178	451656	1000604	10.0 1000	50.0 1500	100	250	500
Tetrahydrofuran	PFB	Lin1	5065 360200	13079 523126	27380	80396	147641	2.00 200	10.0 300	20.0	50.0	100
Chloroform	PFB	Ave	3859 775855	31912 1171576	51692	153057	358883	1.00 100	5.00 150	10.0	25.0	50.0
1,1,1-Trichloroethane	PFB	Ave	3098 643782	26963 965225	43428	126798	292131	1.00 100	5.00 150	10.0	25.0	50.0
Cyclohexane	PFB	Ave	+++++ 578085	31960 827744	46519	118732	265619	+++++ 100	5.00 150	10.0	25.0	50.0
Carbon tetrachloride	PFB	Ave	2661 516279	20659 789045	33007	96190	231404	1.00 100	5.00 150	10.0	25.0	50.0
1,1-Dichloropropene	PFB	Ave	3147 602478	24886 917382	40061	110155	271101	1.00 100	5.00 150	10.0	25.0	50.0
Isobutanol	DFBZ	Ave	+++++ 467063	17653 716772	31247	110576	205361	+++++ 2480	124 3720	248	620	1240
Benzene	DFBZ	Ave	9853 1678257	71094 2584112	118706	331453	754683	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dichloroethane	DFBZ	Ave	3875 716397	28234 1101357	47020	140995	308946	1.00 100	5.00 150	10.0	25.0	50.0
2,2,4-Trimethylpentane	PFB	Ave	10326 1448078	58076 2101687	98471	280281	664433	1.00 100	5.00 150	10.0	25.0	50.0
Tert-amyl methyl ether	DFBZ	Ave	7180 1305263	53782 1982223	92975	261455	594223	1.00 100	5.00 150	10.0	25.0	50.0
n-Butanol	DCBd 4	Ave	1418	7329	17544	54605	112422	24.8	124	248	620	1240

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RESPONSE AND CONCENTRATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1 Analy Batch No.: 22460

SDG No.:

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/14/2021 12:22 Calibration End Date: 09/14/2021 15:13 Calibration ID: 1544

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			239512	369141				2480	3720			
Trichloroethene	DFBZ	Ave	2014 357020	15356 548924	24843	65358	164808	1.00 100	5.00 150	10.0	25.0	50.0
Methylcyclohexane	DFBZ	Ave	3452 660863	25836 963522	43233	121370	303159	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dichloropropane	DFBZ	Ave	2604 482001	19591 731400	33295	89840	232182	1.00 100	5.00 150	10.0	25.0	50.0
Dibromomethane	DFBZ	Ave	1989 327295	11876 507972	21032	61199	146889	1.00 100	5.00 150	10.0	25.0	50.0
Methyl methacrylate	DFBZ	Ave	4611 747713	24957 1153059	47535	145389	318676	2.00 200	10.0 300	20.0	50.0	100
1,4-Dioxane (P-Dioxane)	DFBZ	Ave	+++++ 65330	2394 103283	5495	16146	32801	+++++ 2000	100 3000	200	500	1000
Bromodichloromethane	DFBZ	Ave	3232 609526	24382 942775	41669	113934	290293	1.00 100	5.00 150	10.0	25.0	50.0
2-Nitropropane		None	2554 385010	14826 553588	26280	80396	170364	2.00 200	10.0 300	20.0	50.0	100
2-Chloroethyl vinyl ether	DFBZ	Qua	+++++ 99890	722 151689	1855	14026	31359	+++++ 100	5.00 150	10.0	25.0	50.0
cis-1,3-Dichloropropene	DFBZ	Ave	4654 756029	29119 1138160	48415	140609	351055	1.00 100	5.00 150	10.0	25.0	50.0
4-Methyl-2-pentanone	DFBZ	Ave	20839 3085337	105716 4679190	197087	616422	1304980	5.00 500	25.0 750	50.0	125	250
Toluene	CBNZ d5	Ave	6143 1017929	44395 1622610	68400	202608	470575	1.00 100	5.00 150	10.0	25.0	50.0
trans-1,3-Dichloropropene	CBNZ d5	Ave	4477 723962	28651 1072914	47077	132672	334387	1.00 100	5.00 150	10.0	25.0	50.0
Ethyl methacrylate	CBNZ d5	Ave	3717 653413	24585 983719	44460	128111	292604	1.00 100	5.00 150	10.0	25.0	50.0
1,1,2-Trichloroethane	CBNZ d5	Ave	1964 357370	14161 523464	24672	66551	163703	1.00 100	5.00 150	10.0	25.0	50.0

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RESPONSE AND CONCENTRATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1 Analy Batch No.: 22460

SDG No.:

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/14/2021 12:22 Calibration End Date: 09/14/2021 15:13 Calibration ID: 1544

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Tetrachloroethene	CBNZ d5	Ave	1662 287325	11531 433193	18052	51229	130679	1.00 100	5.00 150	10.0	25.0	50.0
1,3-Dichloropropane	CBNZ d5	Ave	3985 690367	27649 1028031	47883	130644	326522	1.00 100	5.00 150	10.0	25.0	50.0
2-Hexanone	CBNZ d5	Ave	14586 2043193	69664 3118398	132451	411253	837692	5.00 500	25.0 750	50.0	125	250
Dibromochloromethane	CBNZ d5	Ave	2471 446689	16729 690415	28027	83705	201073	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dibromoethane	CBNZ d5	Ave	2794 397733	15778 601632	27858	75811	184586	1.00 100	5.00 150	10.0	25.0	50.0
1-Chlorohexane	CBNZ d5	Ave	4975 659639	27041 978108	45136	118989	295982	1.00 100	5.00 150	10.0	25.0	50.0
Chlorobenzene	CBNZ d5	Ave	7809 1091736	44456 1692635	74897	209345	496486	1.00 100	5.00 150	10.0	25.0	50.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	1726 405843	14804 621795	25841	75740	180510	1.00 100	5.00 150	10.0	25.0	50.0
Ethylbenzene	CBNZ d5	Ave	12047 2009255	79768 3090050	131398	384857	907623	1.00 100	5.00 150	10.0	25.0	50.0
m,p-Xylenes	CBNZ d5	Ave	8640 1547815	61297 2380604	98408	292001	682304	1.00 100	5.00 150	10.0	25.0	50.0
o-Xylene	CBNZ d5	Ave	8589 1714448	60847 2721337	100132	302311	754772	1.00 100	5.00 150	10.0	25.0	50.0
Styrene	CBNZ d5	Ave	8193 1382313	49984 2153543	82841	244246	601552	1.00 100	5.00 150	10.0	25.0	50.0

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RESPONSE AND CONCENTRATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1 Analy Batch No.: 22460

SDG No.:

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/14/2021 12:22 Calibration End Date: 09/14/2021 15:13 Calibration ID: 1544

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Bromoform	CBNZ d5	Ave	1264 290529	9783 442520	18164	52423	126474	1.00 100	5.00 150	10.0	25.0	50.0
Isopropylbenzene	CBNZ d5	Ave	10699 1931053	70507 3025474	116321	350900	859894	1.00 100	5.00 150	10.0	25.0	50.0
Cyclohexanone	CBNZ d5	Ave	5771 666774	22309 987133	43875	151303	277938	50.0 5000	250 7500	500	1250	2500
Bromobenzene	DCBd 4	Ave	2662 464218	17125 720970	29686	84939	205375	1.00 100	5.00 150	10.0	25.0	50.0
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	3932 646918	21875 1005029	39841	124676	279555	1.00 100	5.00 150	10.0	25.0	50.0
1,2,3-Trichloropropane	DCBd 4	Ave	4752 698561	23735 997903	42739	130374	297430	1.00 100	5.00 150	10.0	25.0	50.0
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	1260 205636	5988 298203	11480	35835	82937	1.00 100	5.00 150	10.0	25.0	50.0
N-Propylbenzene	DCBd 4	Ave	15725 2481863	93752 3843543	153046	460063	1103202	1.00 100	5.00 150	10.0	25.0	50.0
2-Chlorotoluene	DCBd 4	Ave	9301 1618503	60546 2531797	98253	301300	714161	1.00 100	5.00 150	10.0	25.0	50.0
4-Ethyltoluene	DCBd 4	Ave	11018 1770644	65632 2736628	108547	330756	791891	1.00 100	5.00 150	10.0	25.0	50.0
1,3,5-Trimethylbenzene	DCBd 4	Ave	8951 1697619	60374 2710290	100795	298263	739194	1.00 100	5.00 150	10.0	25.0	50.0
4-Chlorotoluene	DCBd 4	Ave	11511 1766763	63406 2782920	102147	306313	763806	1.00 100	5.00 150	10.0	25.0	50.0

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Received by OCD: 3/25/2022 8:51:12 AM

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1 Analy Batch No.: 22460

SDG No.:

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/14/2021 12:22 Calibration End Date: 09/14/2021 15:13 Calibration ID: 1544

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
tert-Butylbenzene	DCBd 4	Ave	7508 1310609	47466 2056386	82283	240455	581076	1.00 100	5.00 150	10.0	25.0	50.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	9552 1693863	57357 2667582	97584	302424	741829	1.00 100	5.00 150	10.0	25.0	50.0
sec-Butylbenzene	DCBd 4	Ave	12837 2170268	77504 3358212	127991	385974	947755	1.00 100	5.00 150	10.0	25.0	50.0
1,3-Dichlorobenzene	DCBd 4	Ave	6271 882503	31359 1362545	52431	159861	380774	1.00 100	5.00 150	10.0	25.0	50.0
p-Cymene (p-Isopropyltoluene)	DCBd 4	Ave	11032 1749222	60489 2716831	104452	312672	773502	1.00 100	5.00 150	10.0	25.0	50.0
1,4-Dichlorobenzene	DCBd 4	Ave	6801 936079	35469 1451072	55380	160516	398283	1.00 100	5.00 150	10.0	25.0	50.0
Dicyclopentadiene	DCBd 4	Ave	14461 2933568	107849 4498714	173962	535224	1314593	1.00 100	5.00 150	10.0	25.0	50.0
n-Butylbenzene	DCBd 4	Ave	16082 1977227	65664 3034717	106740	328146	834153	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dichlorobenzene	DCBd 4	Ave	5654 896152	29754 1389328	52955	156683	387887	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Lin1	1 83824	2852 128574	5237	17091	36677	1.00 100	5.00 150	10.0	25.0	50.0
1,2,4-Trichlorobenzene	DCBd 4	Lin1	4640 390492	15172 549267	24022	72591	171399	1.00 100	5.00 150	10.0	25.0	50.0
Hexachlorobutadiene	DCBd 4	Ave	+++++ 165707	6831 237082	11954	34295	79682	+++++ 100	5.00 150	10.0	25.0	50.0

Released to Imaging: 6/14/2022 10:51:35 AM

Received by OCD: 3/25/2022 8:51:12 AM

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1 Analy Batch No.: 22460

SDG No.:

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/14/2021 12:22 Calibration End Date: 09/14/2021 15:13 Calibration ID: 1544

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Naphthalene	DCBd 4	Ave	+++++ 856559	32998 1230475	49646	169313	375693	+++++ 100	5.00 150	10.0	25.0	50.0
1,2,3-Trichlorobenzene	DCBd 4	Ave	+++++ 276066	10263 375939	16674	53381	120636	+++++ 100	5.00 150	10.0	25.0	50.0
Dibromofluoromethane (Surr)	PFB	Ave	165102 207238	162439 215622	163313	177012	189929	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	DFBZ	Ave	214691 271797	217090 277010	215559	244305	245487	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	664791 767824	640149 797909	651344	671995	701628	50.0 50.0	50.0 50.0	50.0	50.0	50.0
4-Bromofluorobenzene (Surr)	DCBd 4	Ave	215650 290741	200587 299867	225155	214774	252243	50.0 50.0	50.0 50.0	50.0	50.0	50.0

Curve Type Legend

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
None = No Calib Curve
Qua = Quadratic ISTD

Released to Imaging: 6/14/2022 10:51:35 AM

Calibration / Propene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

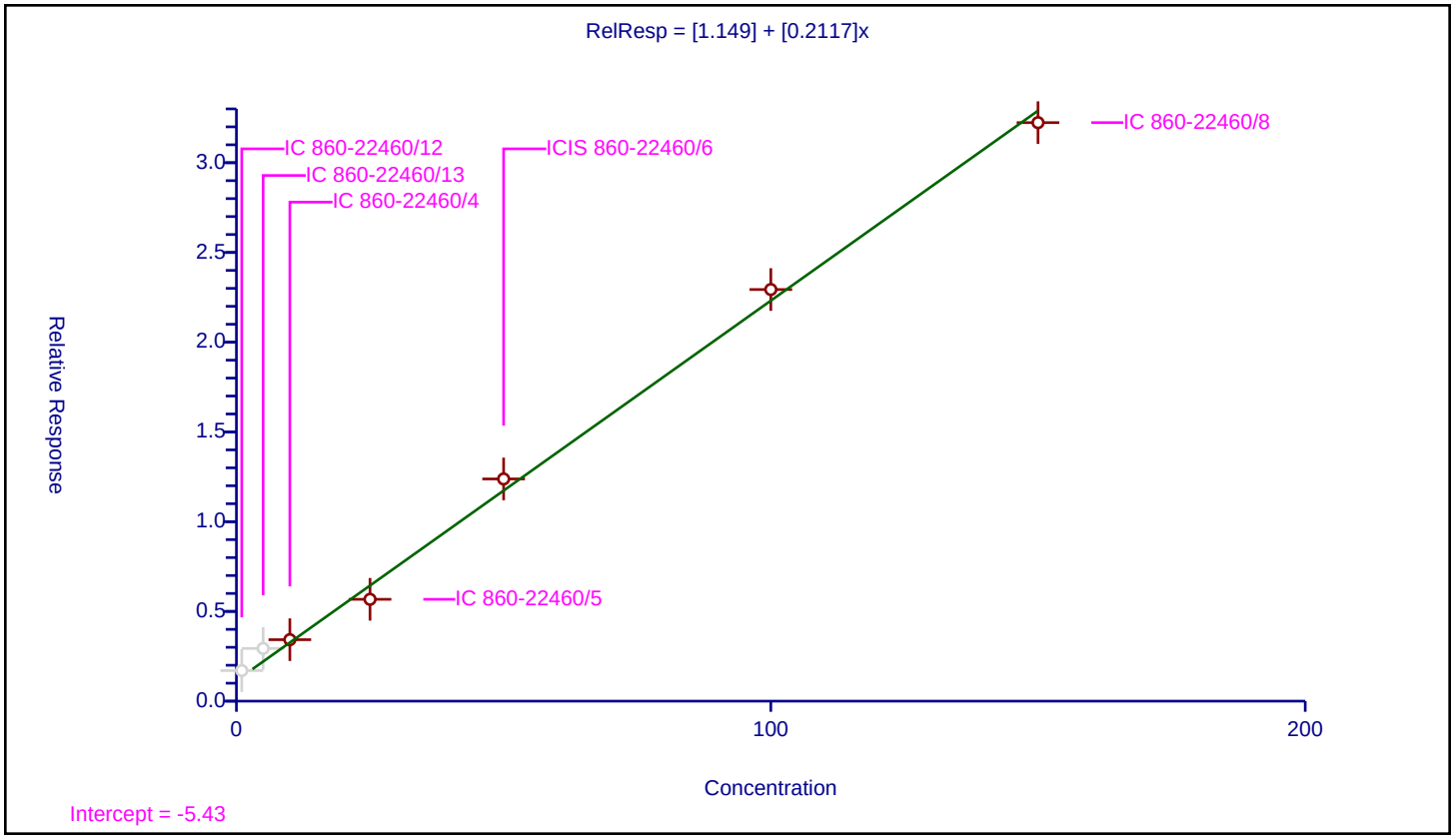
Curve Coefficients

Intercept:	1.149
Slope:	0.2117

Error Coefficients

Standard Error:	162000
Relative Standard Error:	10.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	1.703211	50.0	262739.0	1.703211	N
2	IC 860-22460/13	5.0	2.936328	50.0	262675.0	0.587266	N
3	IC 860-22460/4	10.0	3.424222	50.0	256321.0	0.342422	Y
4	IC 860-22460/5	25.0	5.674471	50.0	289983.0	0.226979	Y
5	ICIS 860-22460/6	50.0	12.379977	50.0	298276.0	0.2476	Y
6	IC 860-22460/10	100.0	22.935887	50.0	328749.0	0.229359	Y
7	IC 860-22460/8	150.0	32.234302	50.0	344273.0	0.214895	Y



Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

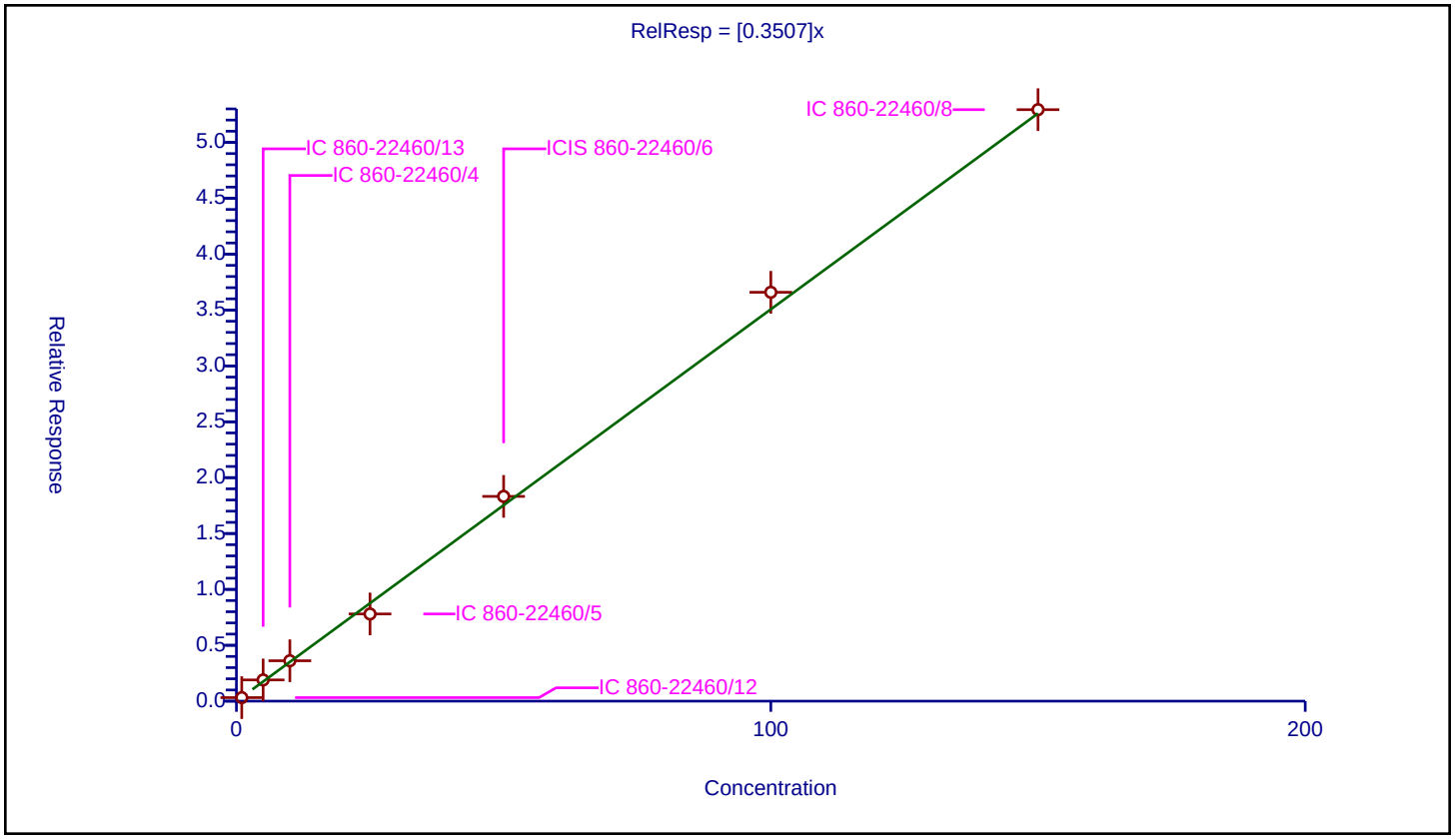
Curve Coefficients

Intercept:	0
Slope:	0.3507

Error Coefficients

Standard Error:	185000
Relative Standard Error:	7.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	0.316283	50.0	262739.0	0.316283	Y
2	IC 860-22460/13	5.0	1.897973	50.0	262675.0	0.379595	Y
3	IC 860-22460/4	10.0	3.613633	50.0	256321.0	0.361363	Y
4	IC 860-22460/5	25.0	7.803044	50.0	289983.0	0.312122	Y
5	ICIS 860-22460/6	50.0	18.323466	50.0	298276.0	0.366469	Y
6	IC 860-22460/10	100.0	36.589769	50.0	328749.0	0.365898	Y
7	IC 860-22460/8	150.0	52.931395	50.0	344273.0	0.352876	Y



Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

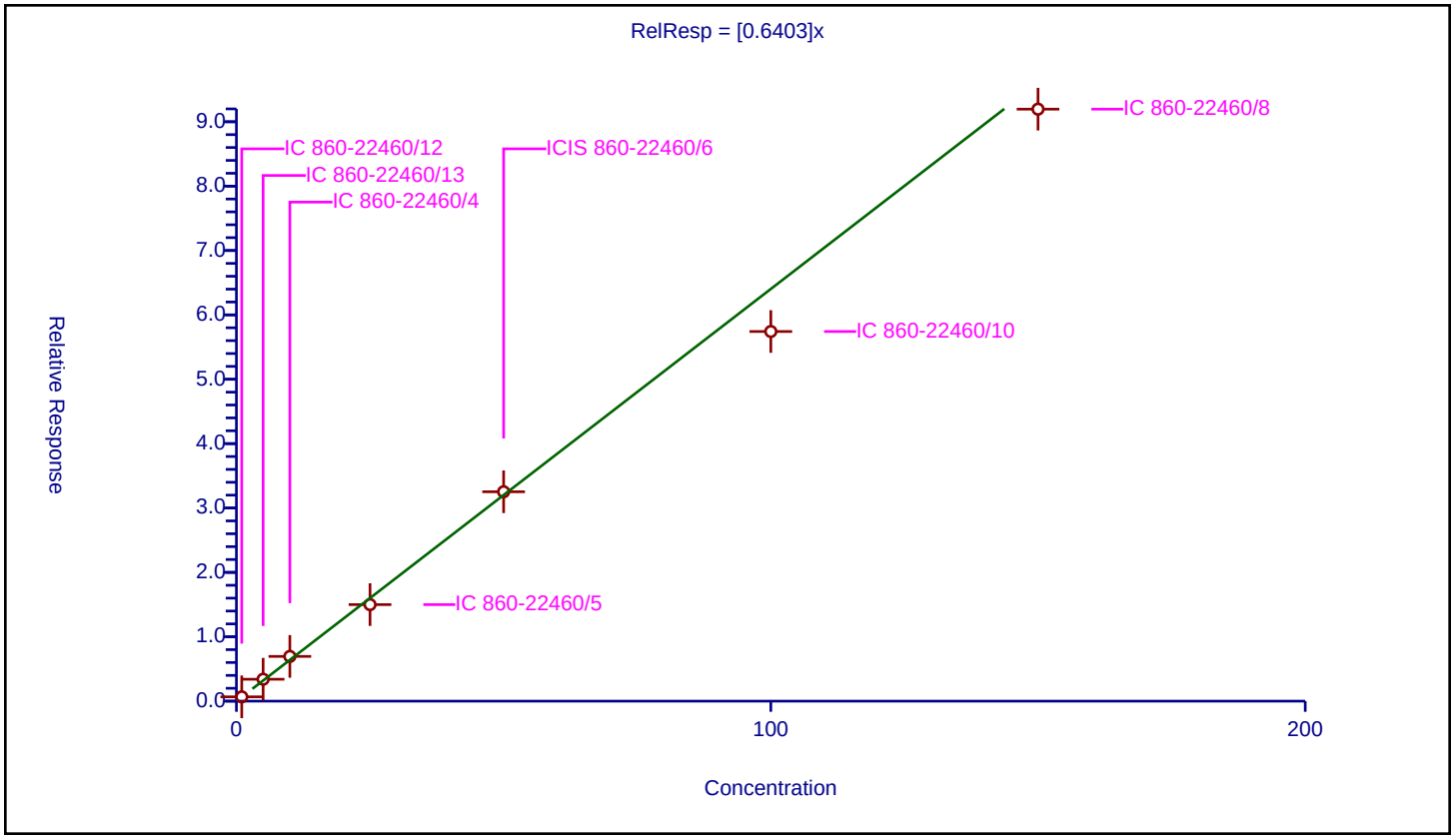
Curve Coefficients

Intercept:	0
Slope:	0.6403

Error Coefficients

Standard Error:	314000
Relative Standard Error:	7.1
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	0.668534	50.0	262739.0	0.668534	Y
2	IC 860-22460/13	5.0	3.403636	50.0	262675.0	0.680727	Y
3	IC 860-22460/4	10.0	6.948709	50.0	256321.0	0.694871	Y
4	IC 860-22460/5	25.0	14.996569	50.0	289983.0	0.599863	Y
5	ICIS 860-22460/6	50.0	32.527257	50.0	298276.0	0.650545	Y
6	IC 860-22460/10	100.0	57.421467	50.0	328749.0	0.574215	Y
7	IC 860-22460/8	150.0	91.958707	50.0	344273.0	0.613058	Y



Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

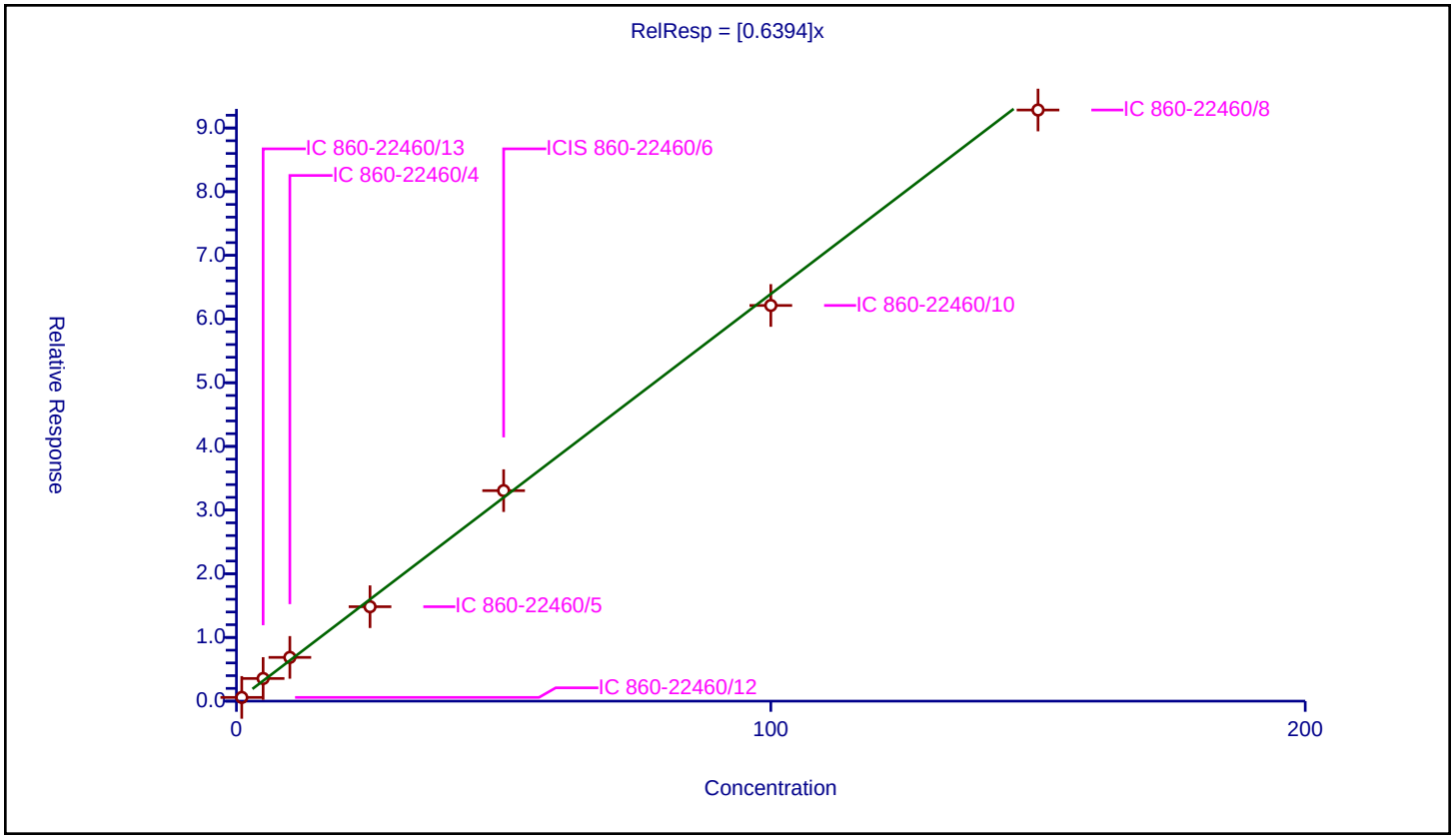
Curve Coefficients

Intercept:	0
Slope:	0.6394

Error Coefficients

Standard Error:	322000
Relative Standard Error:	7.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	0.582898	50.0	262739.0	0.582898	Y
2	IC 860-22460/13	5.0	3.557628	50.0	262675.0	0.711526	Y
3	IC 860-22460/4	10.0	6.871267	50.0	256321.0	0.687127	Y
4	IC 860-22460/5	25.0	14.826559	50.0	289983.0	0.593062	Y
5	ICIS 860-22460/6	50.0	33.053447	50.0	298276.0	0.661069	Y
6	IC 860-22460/10	100.0	62.135094	50.0	328749.0	0.621351	Y
7	IC 860-22460/8	150.0	92.825171	50.0	344273.0	0.618834	Y



Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

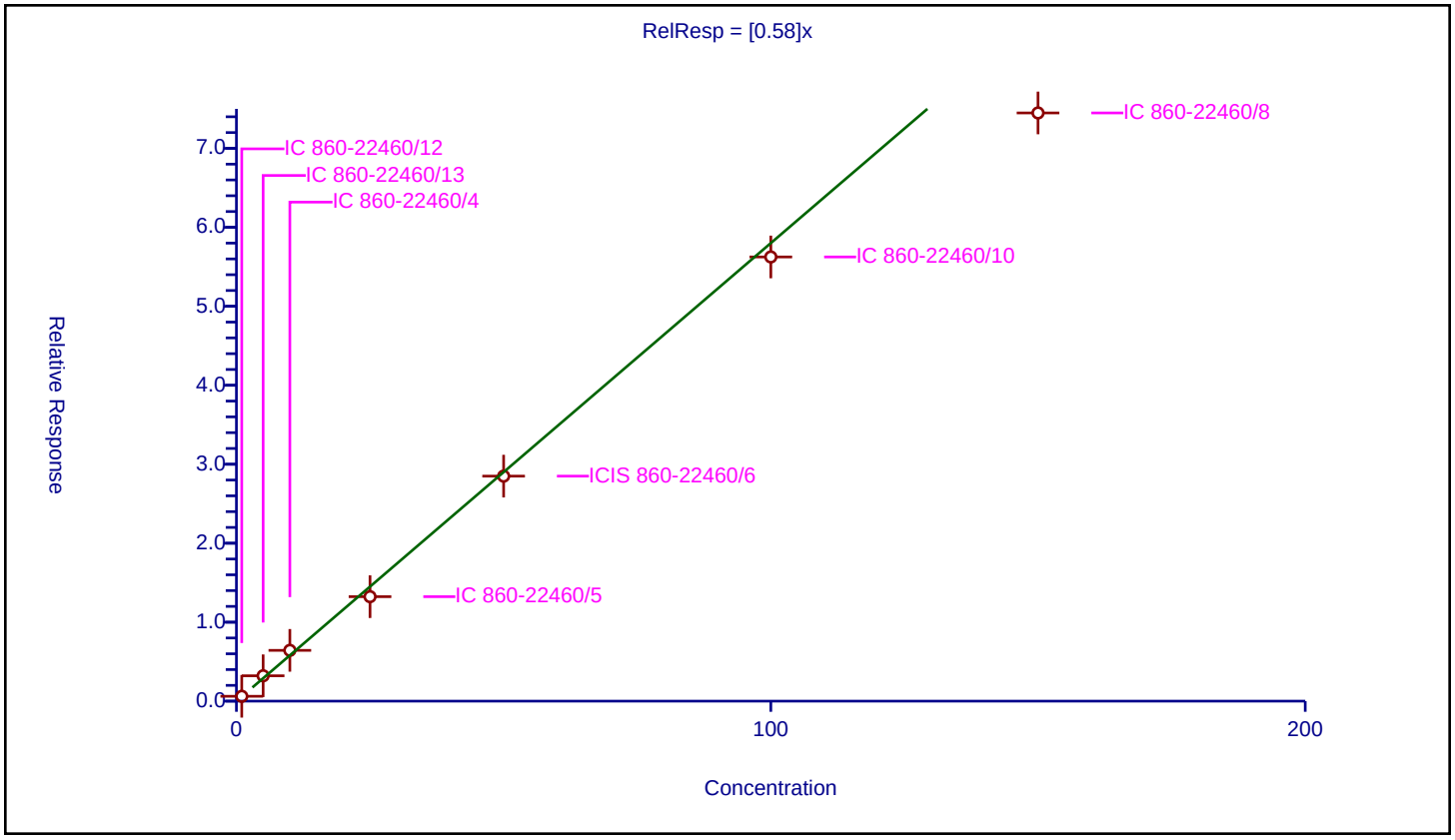
Curve Coefficients

Intercept:	0
Slope:	0.58

Error Coefficients

Standard Error:	270000
Relative Standard Error:	9.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	0.616201	50.0	262739.0	0.616201	Y
2	IC 860-22460/13	5.0	3.214238	50.0	262675.0	0.642848	Y
3	IC 860-22460/4	10.0	6.431194	50.0	256321.0	0.643119	Y
4	IC 860-22460/5	25.0	13.228362	50.0	289983.0	0.529134	Y
5	ICIS 860-22460/6	50.0	28.49475	50.0	298276.0	0.569895	Y
6	IC 860-22460/10	100.0	56.250665	50.0	328749.0	0.562507	Y
7	IC 860-22460/8	150.0	74.486672	50.0	344273.0	0.496578	Y



Calibration / Bromomethane

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

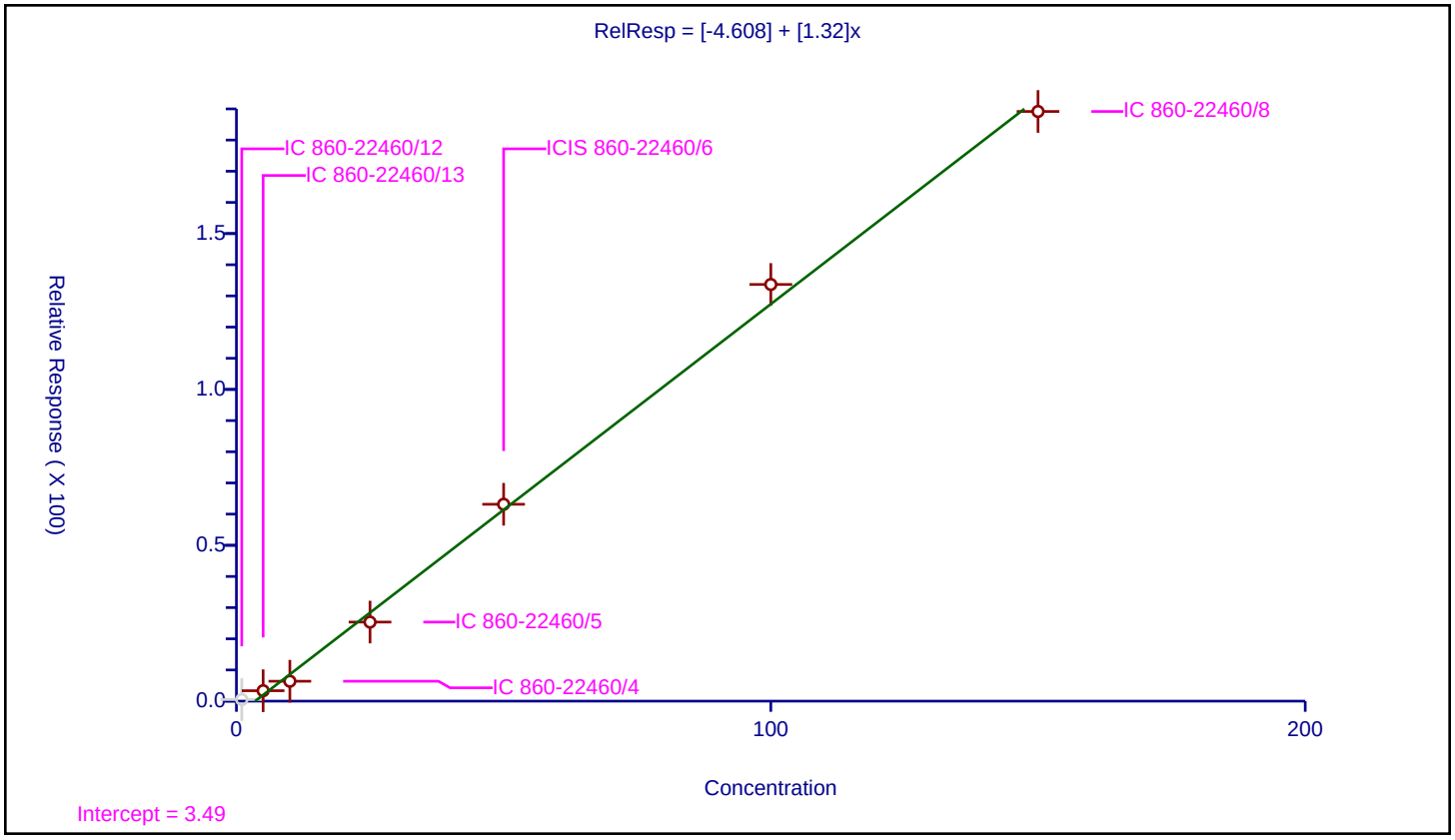
Curve Coefficients

Intercept:	-4.608
Slope:	1.32

Error Coefficients

Standard Error:	811000
Relative Standard Error:	14.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	0.510963	50.0	262739.0	0.510963	N
2	IC 860-22460/13	5.0	3.343676	50.0	262675.0	0.668735	Y
3	IC 860-22460/4	10.0	6.390034	50.0	256321.0	0.639003	Y
4	IC 860-22460/5	25.0	25.362521	50.0	289983.0	1.014501	Y
5	ICIS 860-22460/6	50.0	63.154763	50.0	298276.0	1.263095	Y
6	IC 860-22460/10	100.0	133.670825	50.0	328749.0	1.336708	Y
7	IC 860-22460/8	150.0	189.17153	50.0	344273.0	1.261144	Y



Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

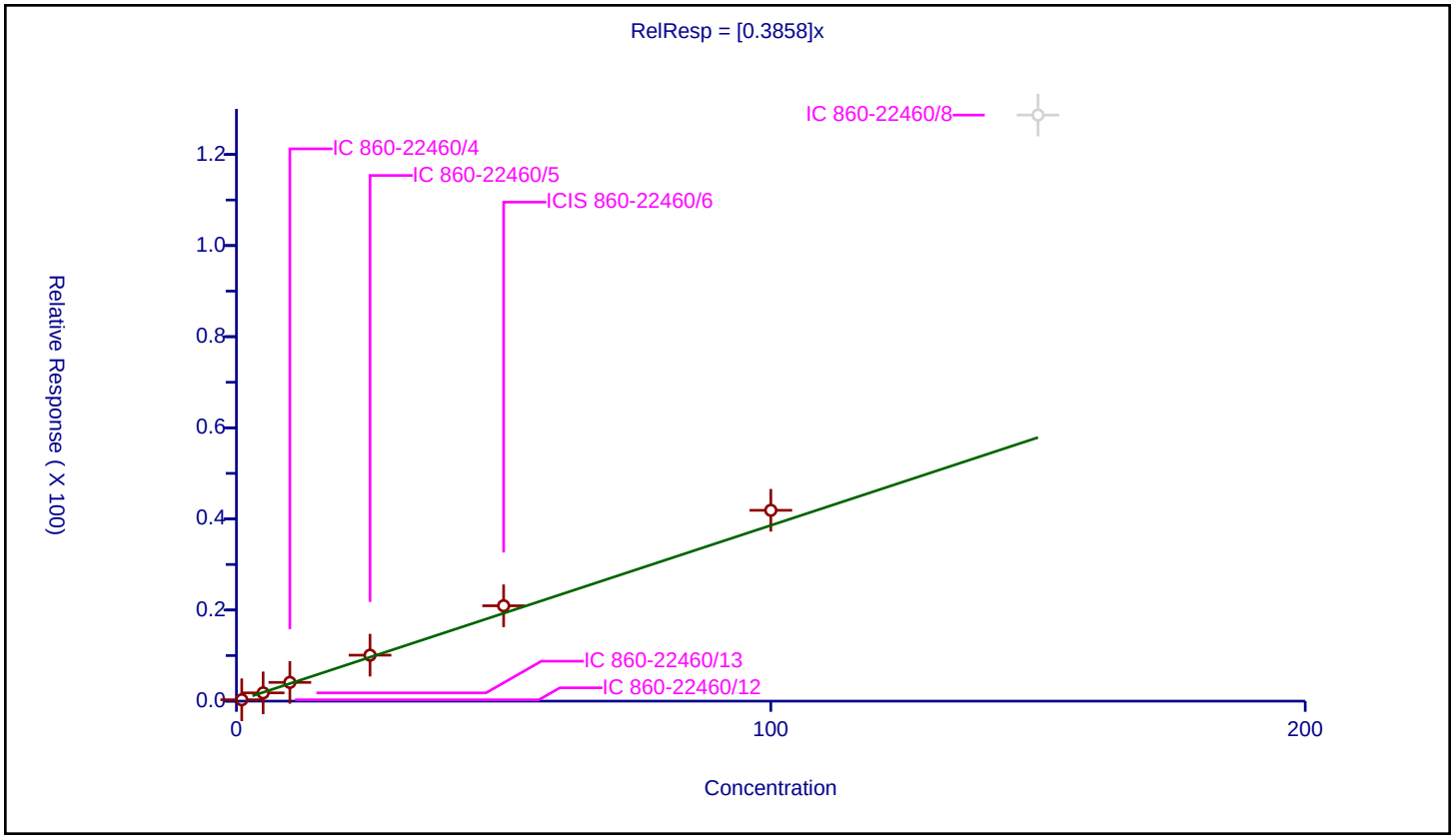
Curve Coefficients

Intercept:	0
Slope:	0.3858

Error Coefficients

Standard Error:	138000
Relative Standard Error:	12.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	0.300298	50.0	262739.0	0.300298	Y
2	IC 860-22460/13	5.0	1.812506	50.0	262675.0	0.362501	Y
3	IC 860-22460/4	10.0	4.112812	50.0	256321.0	0.411281	Y
4	IC 860-22460/5	25.0	10.085936	50.0	289983.0	0.403437	Y
5	ICIS 860-22460/6	50.0	20.929609	50.0	298276.0	0.418592	Y
6	IC 860-22460/10	100.0	41.889101	50.0	328749.0	0.418891	Y
7	IC 860-22460/8	150.0	128.641369	50.0	344273.0	0.857609	N



Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

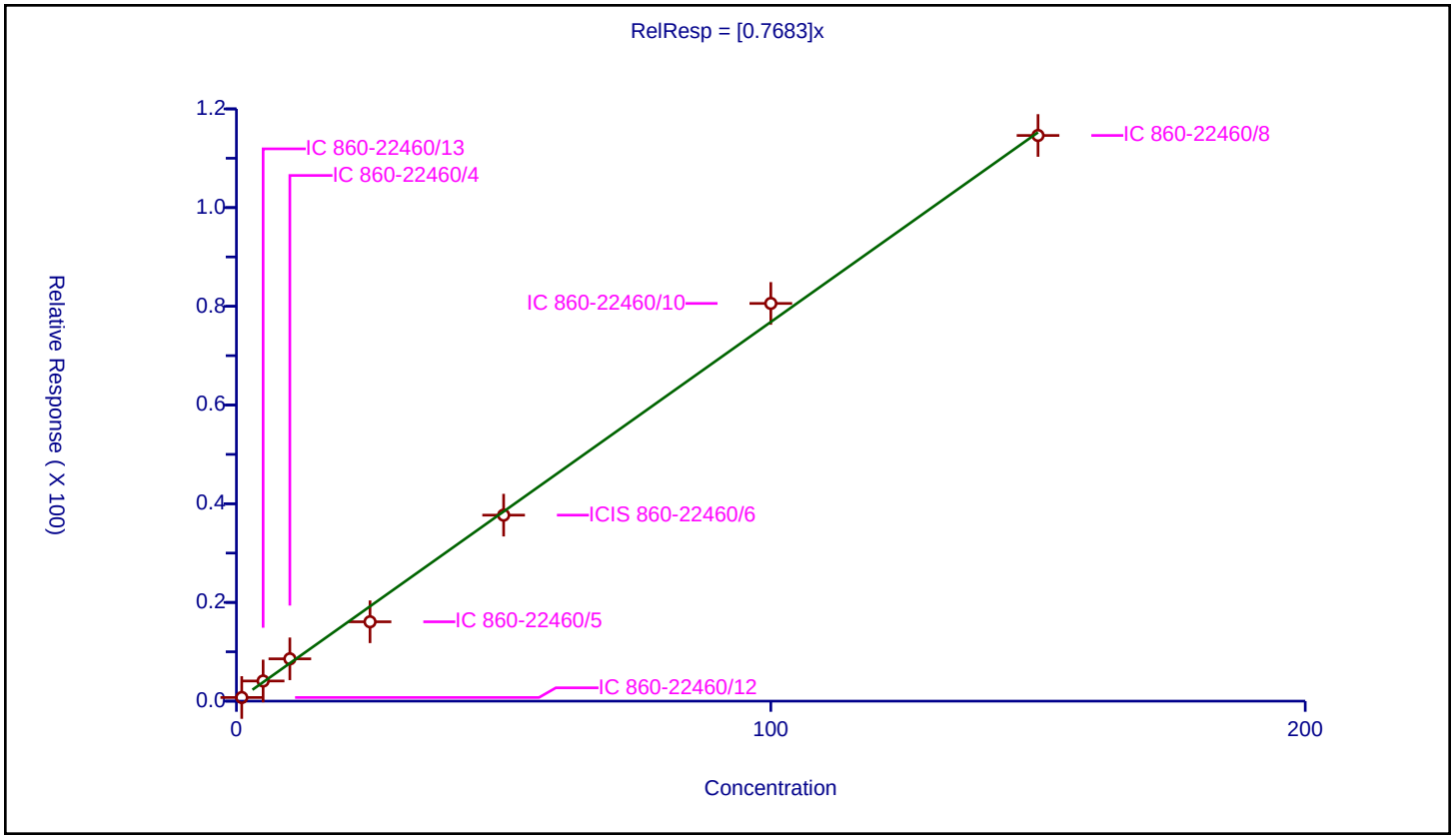
Curve Coefficients

Intercept:	0
Slope:	0.7683

Error Coefficients

Standard Error:	401000
Relative Standard Error:	9.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	0.737804	50.0	262739.0	0.737804	Y
2	IC 860-22460/13	5.0	4.082231	50.0	262675.0	0.816446	Y
3	IC 860-22460/4	10.0	8.572454	50.0	256321.0	0.857245	Y
4	IC 860-22460/5	25.0	16.078011	50.0	289983.0	0.64312	Y
5	ICIS 860-22460/6	50.0	37.684728	50.0	298276.0	0.753695	Y
6	IC 860-22460/10	100.0	80.582146	50.0	328749.0	0.805821	Y
7	IC 860-22460/8	150.0	114.613403	50.0	344273.0	0.764089	Y



Calibration / Ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

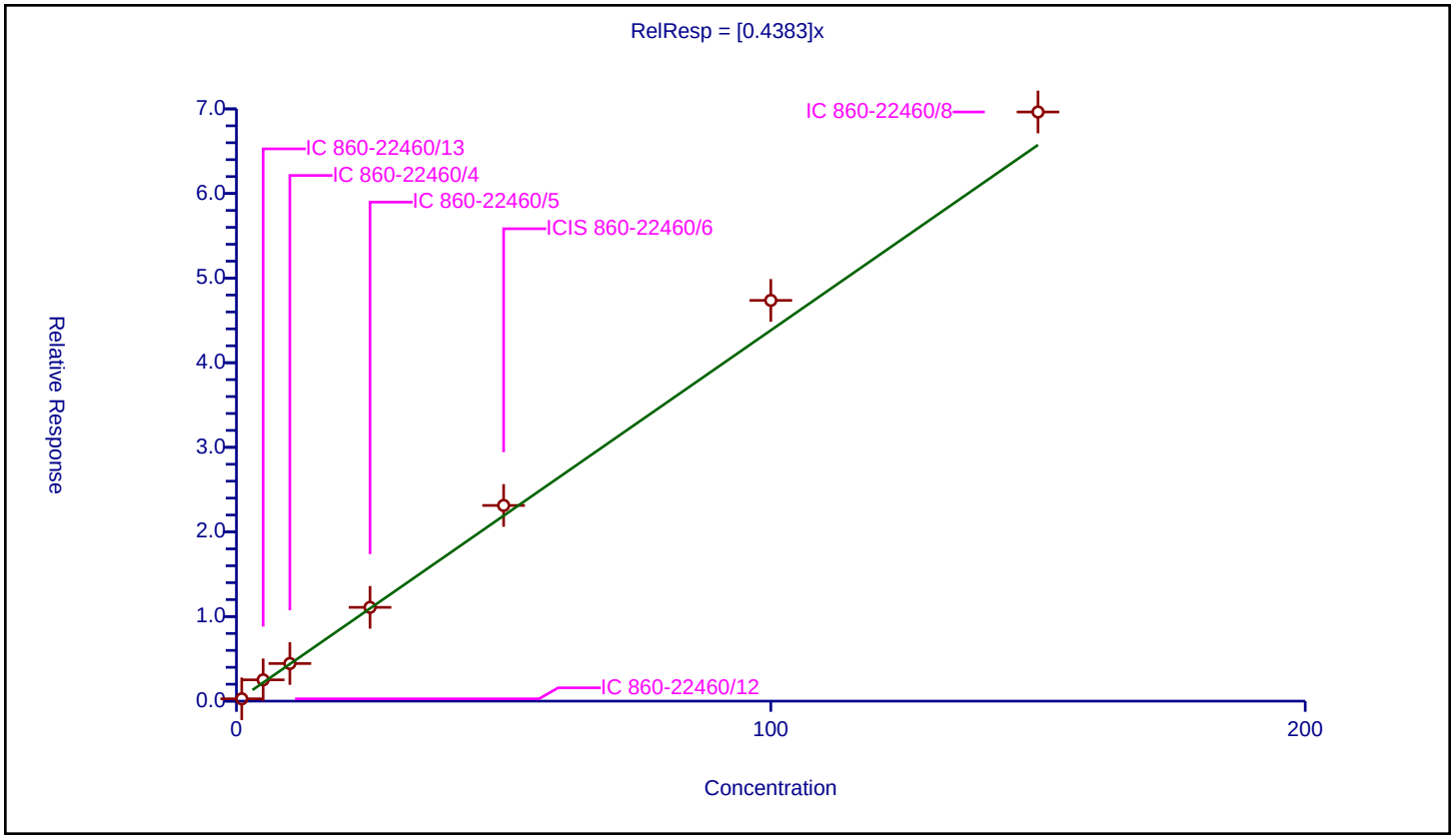
Curve Coefficients

Intercept:	0
Slope:	0.4383

Error Coefficients

Standard Error:	242000
Relative Standard Error:	16.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.972

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	0.27632	50.0	262739.0	0.27632	Y
2	IC 860-22460/13	5.0	2.515656	50.0	262675.0	0.503131	Y
3	IC 860-22460/4	10.0	4.446573	50.0	256321.0	0.444657	Y
4	IC 860-22460/5	25.0	11.085477	50.0	289983.0	0.443419	Y
5	ICIS 860-22460/6	50.0	23.130255	50.0	298276.0	0.462605	Y
6	IC 860-22460/10	100.0	47.366228	50.0	328749.0	0.473662	Y
7	IC 860-22460/8	150.0	69.636306	50.0	344273.0	0.464242	Y



Calibration / Acrolein

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

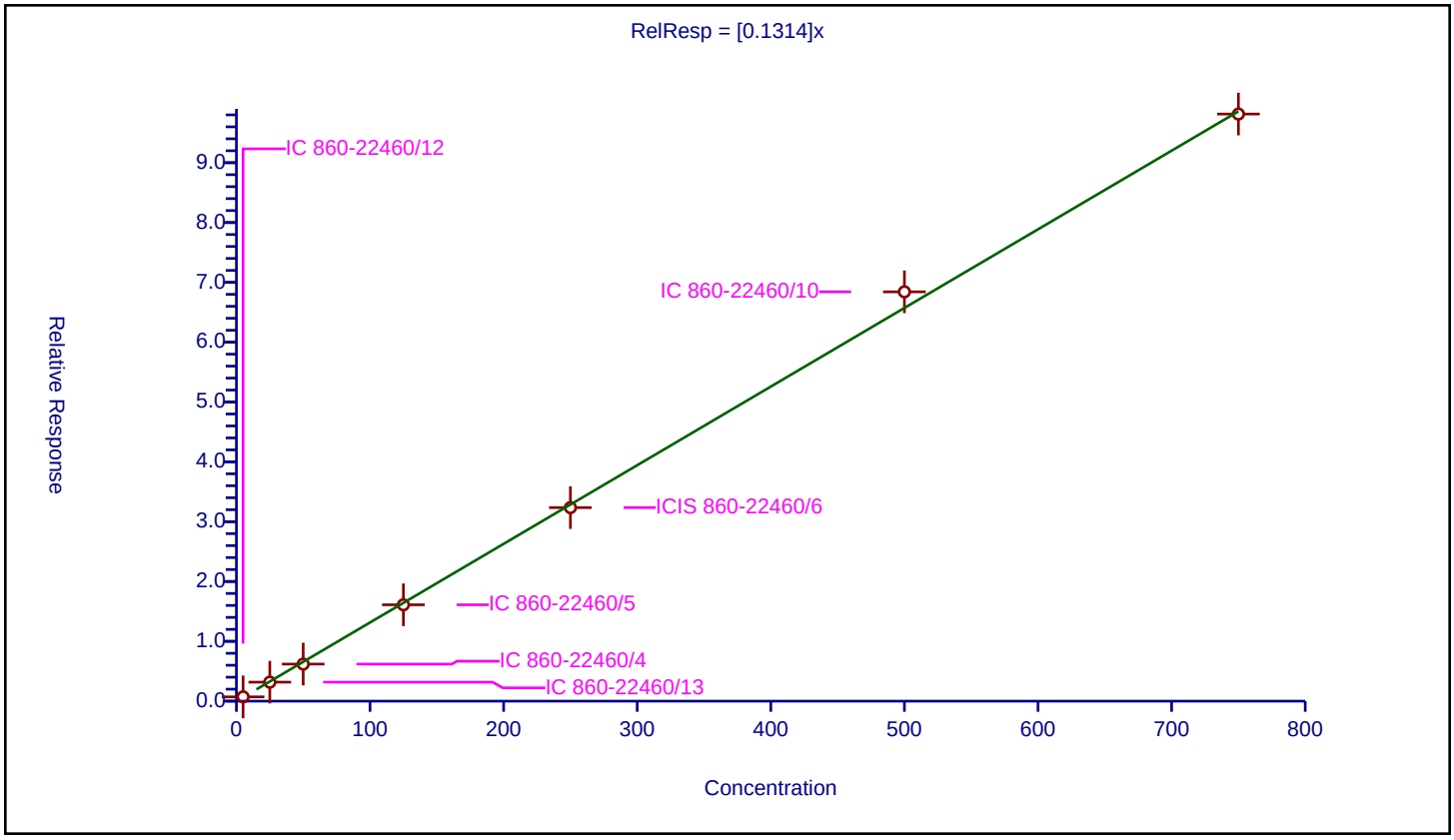
Curve Coefficients

Intercept:	0
Slope:	0.1314

Error Coefficients

Standard Error:	343000
Relative Standard Error:	4.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	5.0	0.715539	50.0	262739.0	0.143108	Y
2	IC 860-22460/13	25.0	3.178452	50.0	262675.0	0.127138	Y
3	IC 860-22460/4	50.0	6.196332	50.0	256321.0	0.123927	Y
4	IC 860-22460/5	125.0	16.106117	50.0	289983.0	0.128849	Y
5	ICIS 860-22460/6	250.0	32.35158	50.0	298276.0	0.129406	Y
6	IC 860-22460/10	500.0	68.420132	50.0	328749.0	0.13684	Y
7	IC 860-22460/8	750.0	98.137815	50.0	344273.0	0.13085	Y



Calibration / 1,1-Dichloroethene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

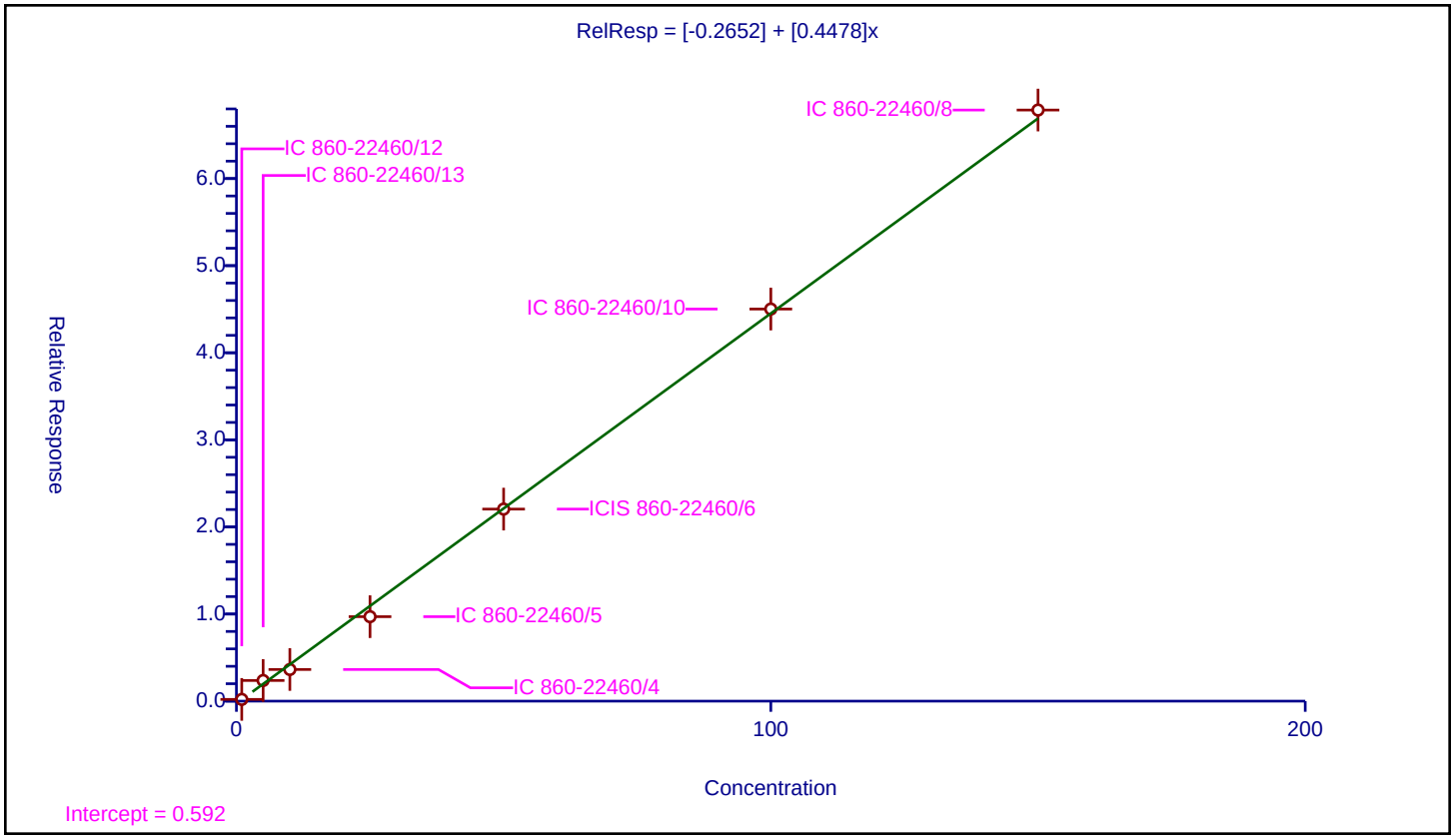
Curve Coefficients

Intercept:	-0.2652
Slope:	0.4478

Error Coefficients

Standard Error:	256000
Relative Standard Error:	11.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	0.200199	50.0	262739.0	0.200199	Y
2	IC 860-22460/13	5.0	2.370991	50.0	262675.0	0.474198	Y
3	IC 860-22460/4	10.0	3.635285	50.0	256321.0	0.363529	Y
4	IC 860-22460/5	25.0	9.697982	50.0	289983.0	0.387919	Y
5	ICIS 860-22460/6	50.0	22.050886	50.0	298276.0	0.441018	Y
6	IC 860-22460/10	100.0	45.01854	50.0	328749.0	0.450185	Y
7	IC 860-22460/8	150.0	67.869685	50.0	344273.0	0.452465	Y



Calibration / 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

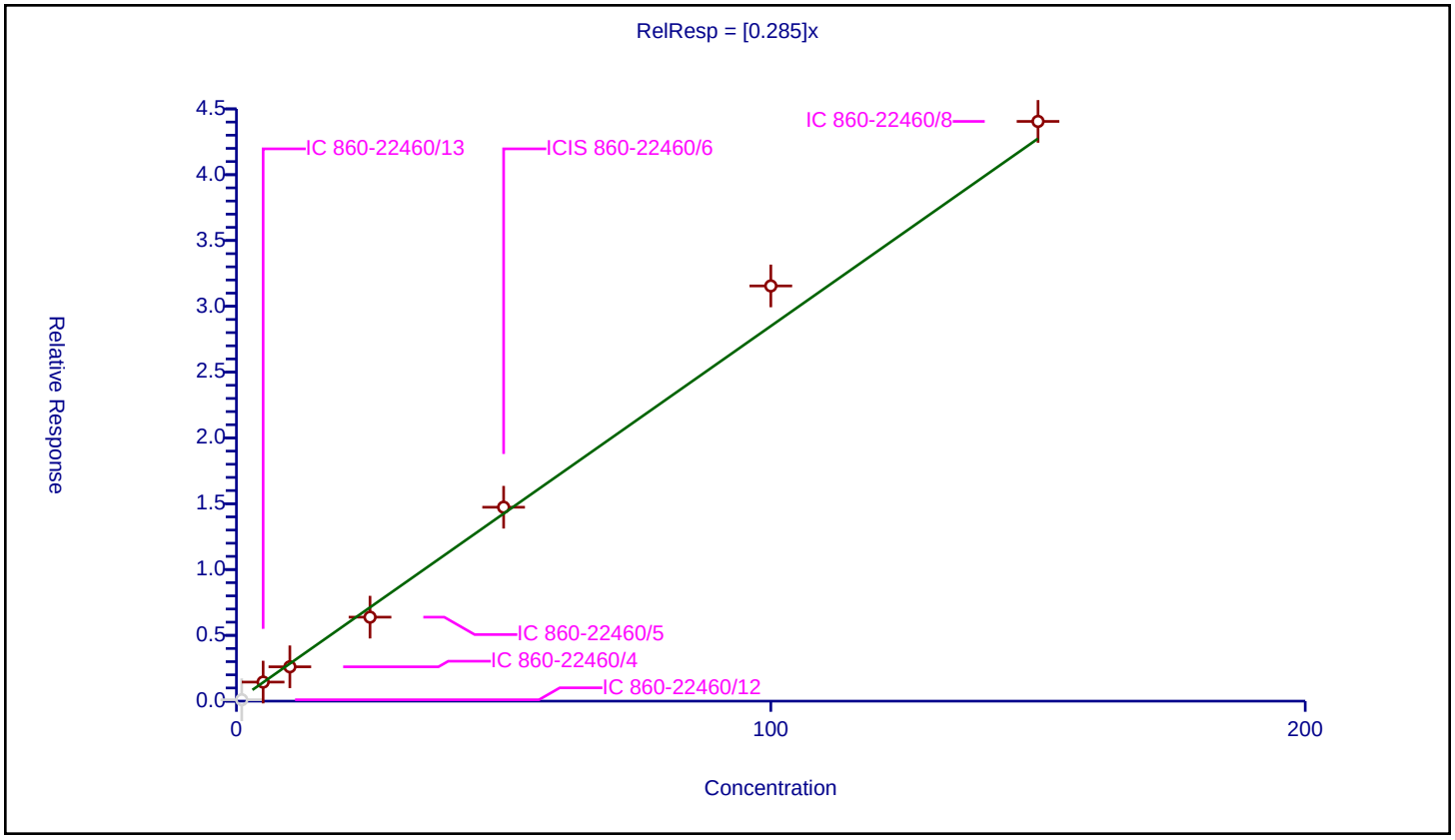
Curve Coefficients

Intercept:	0
Slope:	0.285

Error Coefficients

Standard Error:	170000
Relative Standard Error:	8.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	0.10695	50.0	262739.0	0.10695	N
2	IC 860-22460/13	5.0	1.448558	50.0	262675.0	0.289712	Y
3	IC 860-22460/4	10.0	2.610204	50.0	256321.0	0.26102	Y
4	IC 860-22460/5	25.0	6.381236	50.0	289983.0	0.255249	Y
5	ICIS 860-22460/6	50.0	14.734172	50.0	298276.0	0.294683	Y
6	IC 860-22460/10	100.0	31.548537	50.0	328749.0	0.315485	Y
7	IC 860-22460/8	150.0	44.049054	50.0	344273.0	0.29366	Y



Calibration / Acetone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

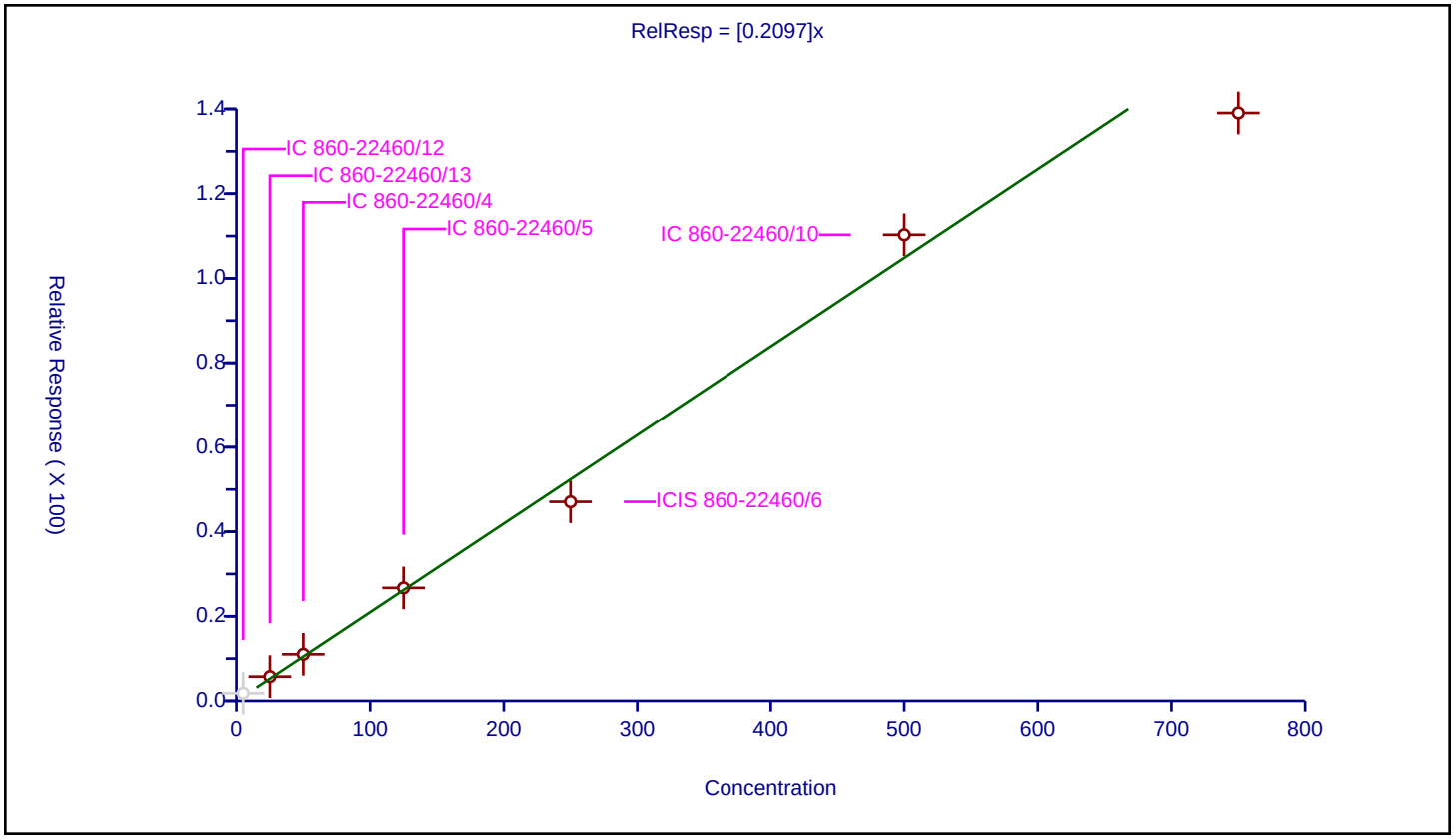
Curve Coefficients

Intercept:	0
Slope:	0.2097

Error Coefficients

Standard Error:	557000
Relative Standard Error:	8.8
Correlation Coefficient:	0.990
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	5.0	1.812445	50.0	262739.0	0.362489	N
2	IC 860-22460/13	25.0	5.740364	50.0	262675.0	0.229615	Y
3	IC 860-22460/4	50.0	11.017045	50.0	256321.0	0.220341	Y
4	IC 860-22460/5	125.0	26.711566	50.0	289983.0	0.213693	Y
5	ICIS 860-22460/6	250.0	47.082568	50.0	298276.0	0.18833	Y
6	IC 860-22460/10	500.0	110.295545	50.0	328749.0	0.220591	Y
7	IC 860-22460/8	750.0	139.051712	50.0	344273.0	0.185402	Y



Calibration / Iodomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

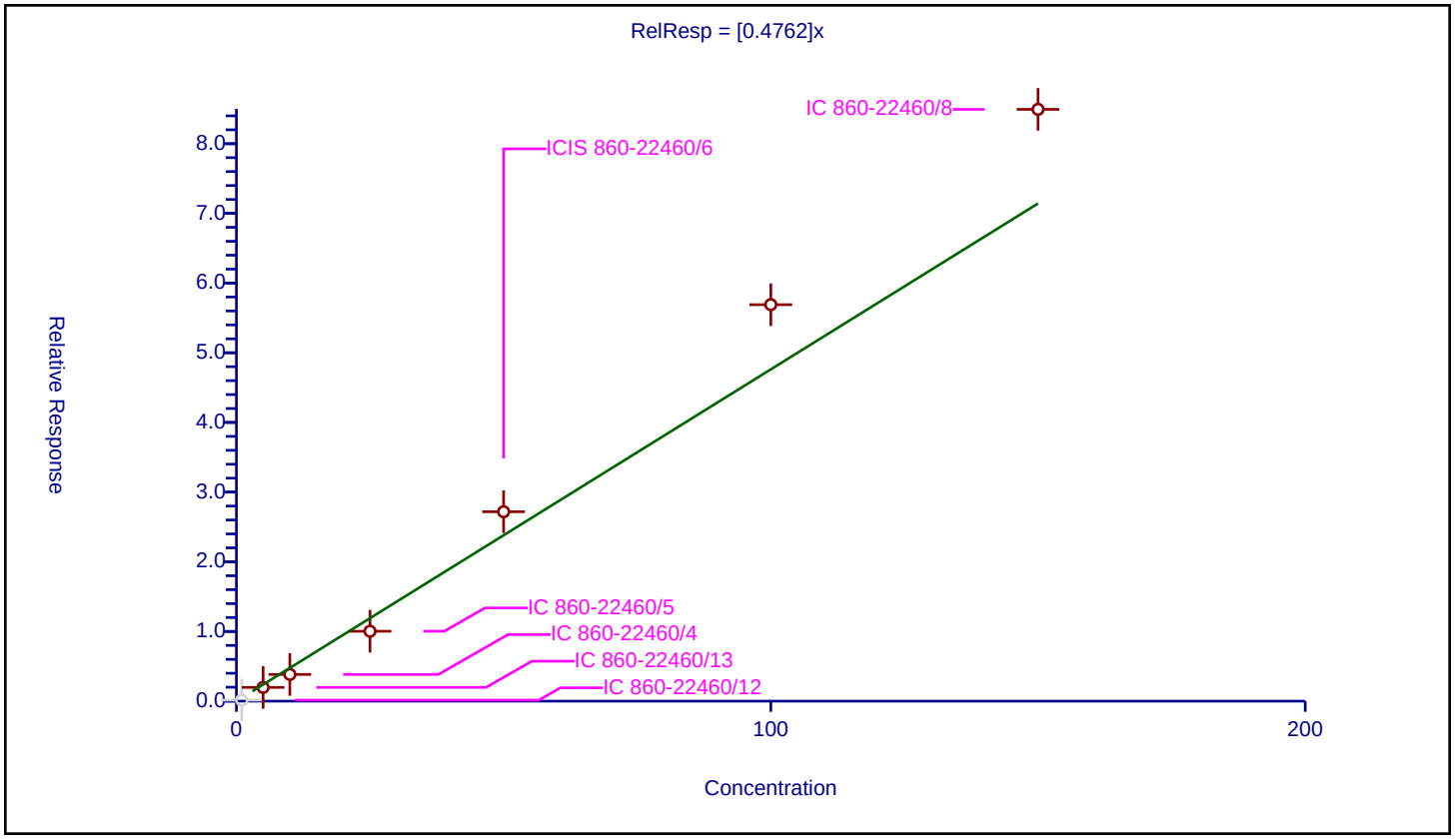
Curve Coefficients

Intercept:	0
Slope:	0.4762

Error Coefficients

Standard Error:	320000
Relative Standard Error:	19.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.955

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	0.152813	50.0	262739.0	0.152813	N
2	IC 860-22460/13	5.0	1.968592	50.0	262675.0	0.393718	Y
3	IC 860-22460/4	10.0	3.831914	50.0	256321.0	0.383191	Y
4	IC 860-22460/5	25.0	10.030416	50.0	289983.0	0.401217	Y
5	ICIS 860-22460/6	50.0	27.182207	50.0	298276.0	0.543644	Y
6	IC 860-22460/10	100.0	56.900857	50.0	328749.0	0.569009	Y
7	IC 860-22460/8	150.0	84.930709	50.0	344273.0	0.566205	Y



Calibration / Carbon disulfide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

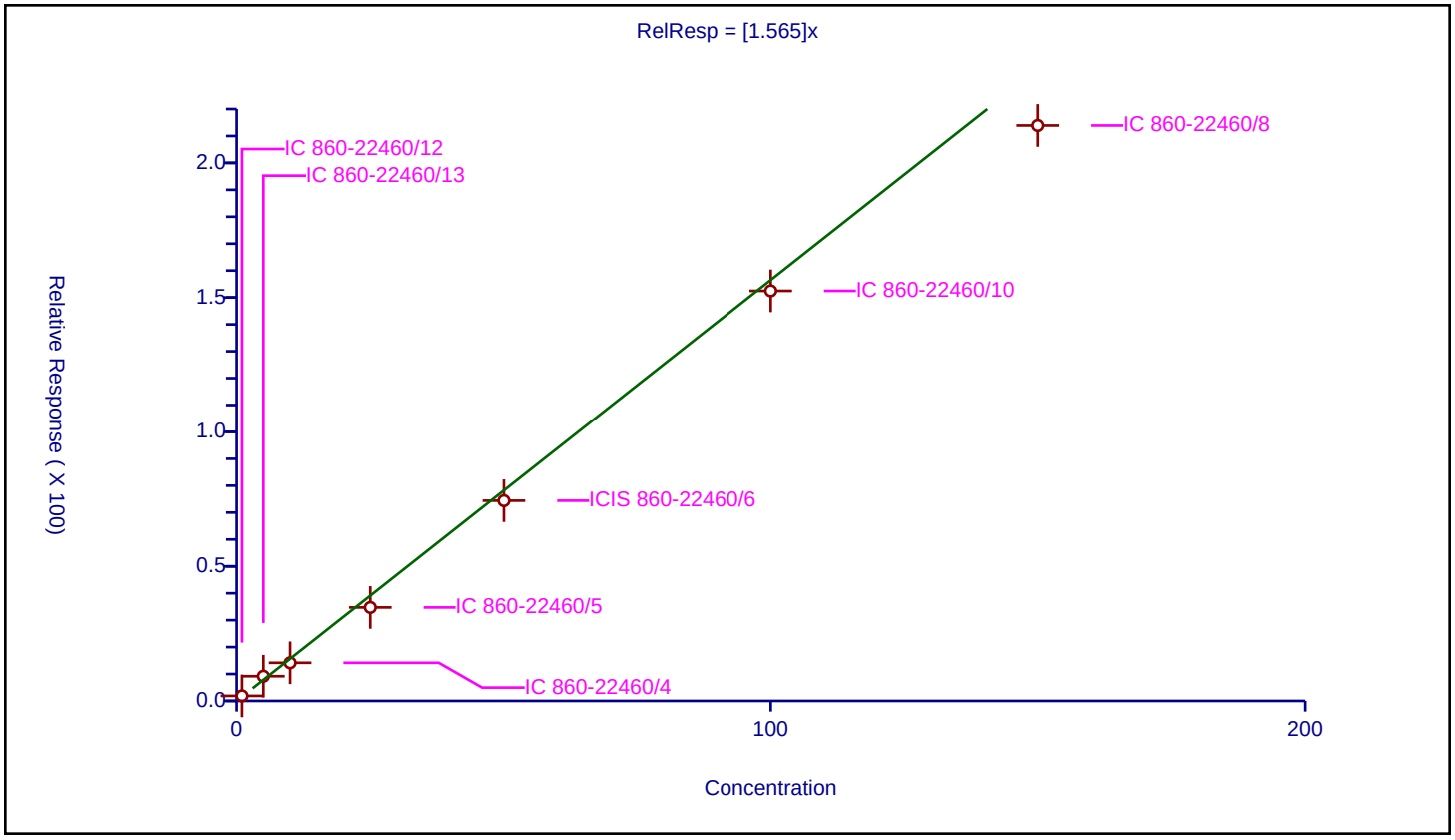
Curve Coefficients

Intercept:	0
Slope:	1.565

Error Coefficients

Standard Error:	755000
Relative Standard Error:	13.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	1.874103	50.0	262739.0	1.874103	Y
2	IC 860-22460/13	5.0	9.178452	50.0	262675.0	1.83569	Y
3	IC 860-22460/4	10.0	14.165831	50.0	256321.0	1.416583	Y
4	IC 860-22460/5	25.0	34.730139	50.0	289983.0	1.389206	Y
5	ICIS 860-22460/6	50.0	74.42637	50.0	298276.0	1.488527	Y
6	IC 860-22460/10	100.0	152.46708	50.0	328749.0	1.524671	Y
7	IC 860-22460/8	150.0	213.903356	50.0	344273.0	1.426022	Y



Calibration / Isopropyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

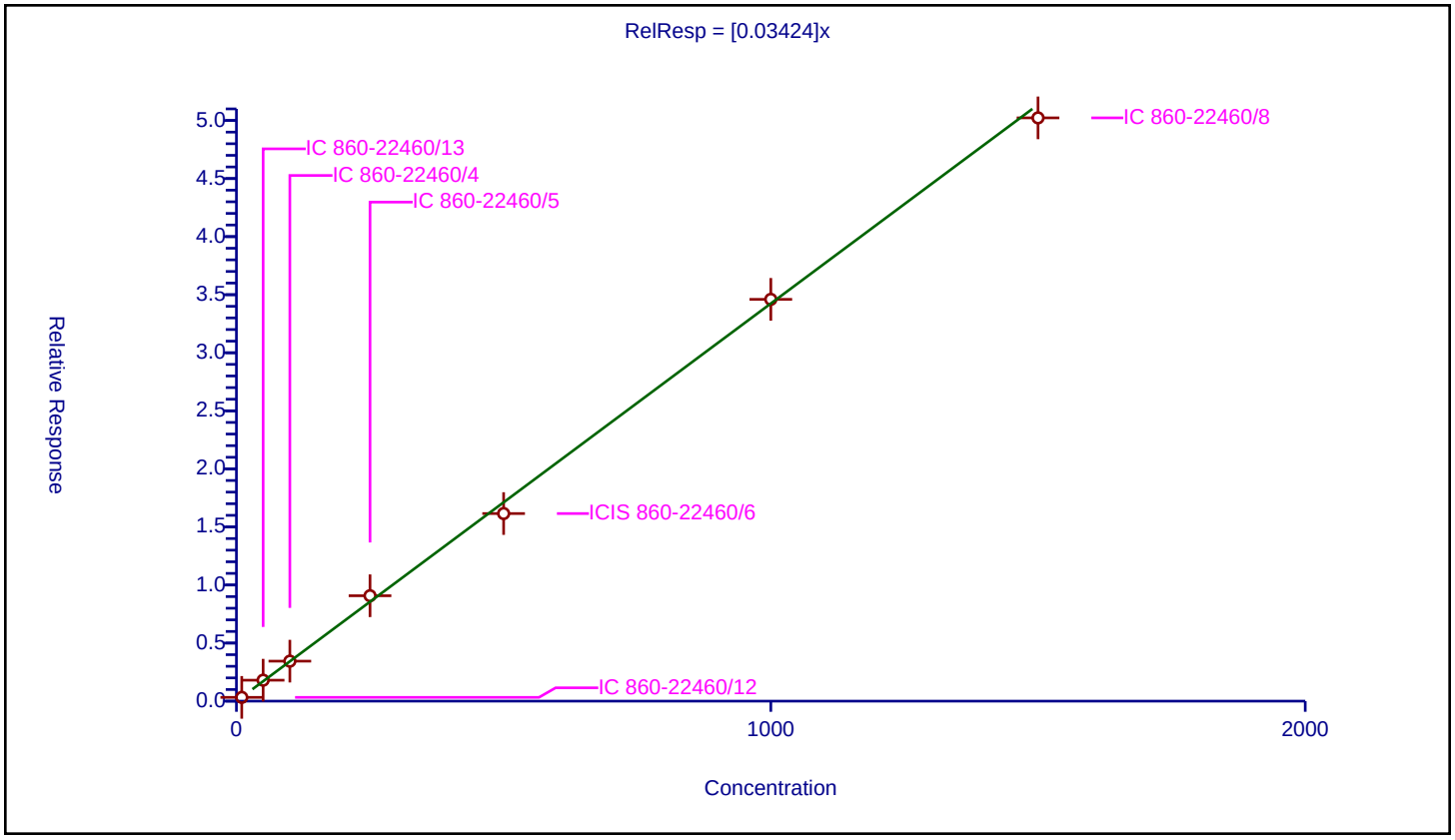
Curve Coefficients

Intercept:	0
Slope:	0.03424

Error Coefficients

Standard Error:	175000
Relative Standard Error:	4.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	10.0	0.324657	50.0	262739.0	0.032466	Y
2	IC 860-22460/13	50.0	1.804511	50.0	262675.0	0.03609	Y
3	IC 860-22460/4	100.0	3.443144	50.0	256321.0	0.034431	Y
4	IC 860-22460/5	250.0	9.075532	50.0	289983.0	0.036302	Y
5	ICIS 860-22460/6	500.0	16.153495	50.0	298276.0	0.032307	Y
6	IC 860-22460/10	1000.0	34.599345	50.0	328749.0	0.034599	Y
7	IC 860-22460/8	1500.0	50.227291	50.0	344273.0	0.033485	Y



Calibration / 3-Chloro-1-propene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

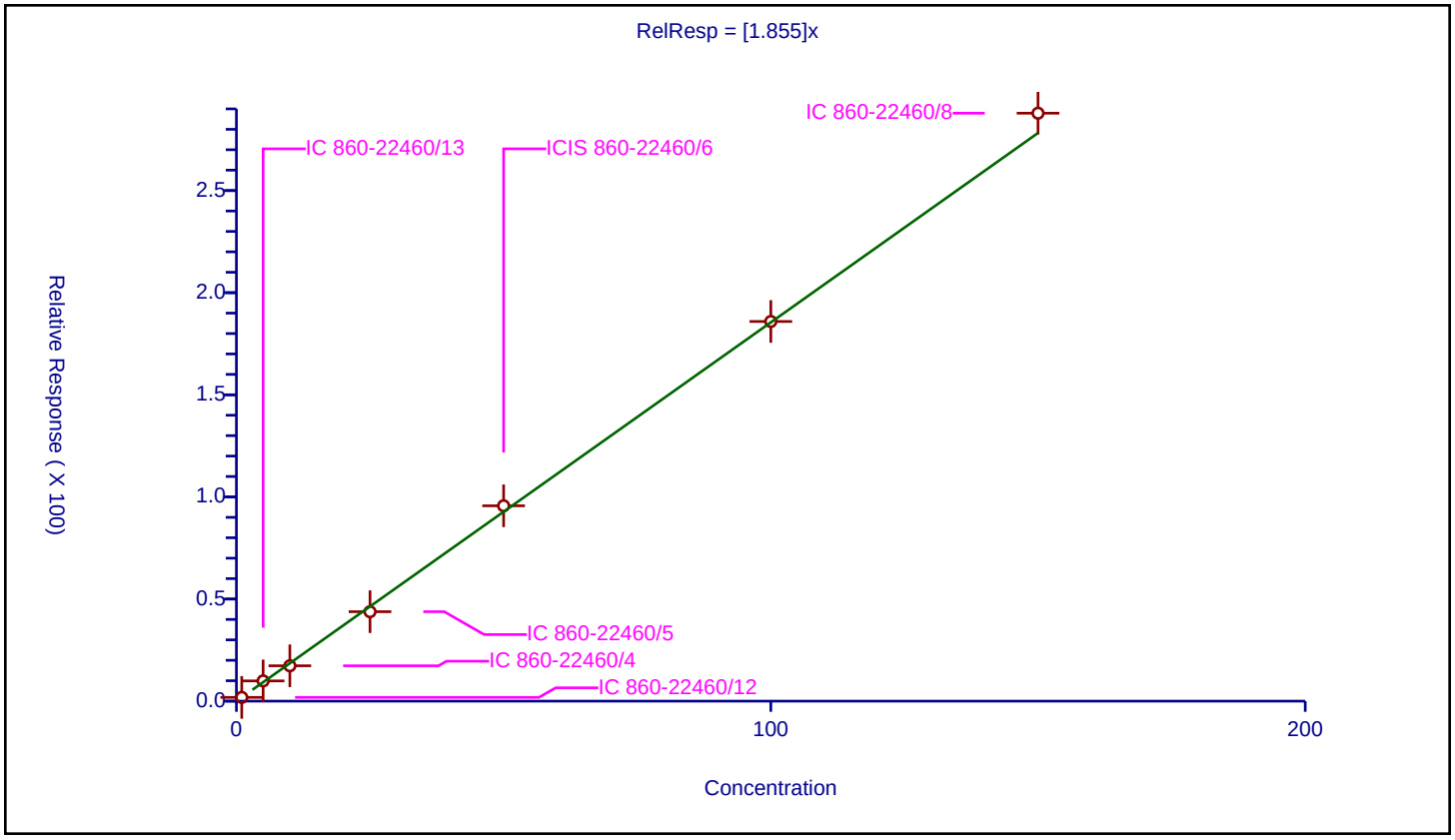
Curve Coefficients

Intercept:	0
Slope:	1.855

Error Coefficients

Standard Error:	985000
Relative Standard Error:	4.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	1.82805	50.0	262739.0	1.82805	Y
2	IC 860-22460/13	5.0	9.900447	50.0	262675.0	1.980089	Y
3	IC 860-22460/4	10.0	17.3074	50.0	256321.0	1.73074	Y
4	IC 860-22460/5	25.0	43.804464	50.0	289983.0	1.752179	Y
5	ICIS 860-22460/6	50.0	95.653019	50.0	298276.0	1.91306	Y
6	IC 860-22460/10	100.0	185.895622	50.0	328749.0	1.858956	Y
7	IC 860-22460/8	150.0	287.88447	50.0	344273.0	1.91923	Y



Calibration / Acetonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

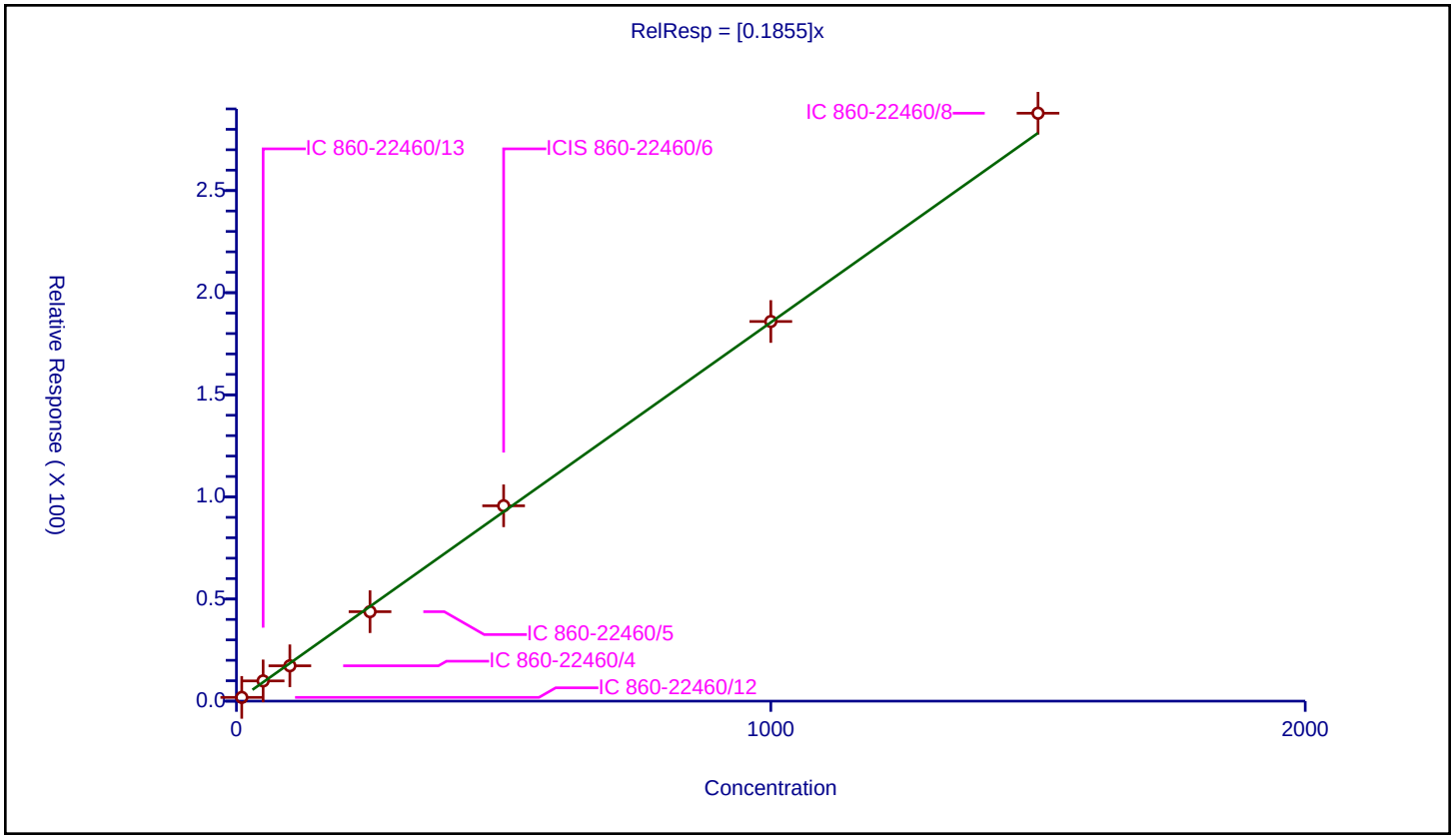
Curve Coefficients

Intercept:	0
Slope:	0.1855

Error Coefficients

Standard Error:	985000
Relative Standard Error:	4.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	10.0	1.82805	50.0	262739.0	0.182805	Y
2	IC 860-22460/13	50.0	9.900447	50.0	262675.0	0.198009	Y
3	IC 860-22460/4	100.0	17.3074	50.0	256321.0	0.173074	Y
4	IC 860-22460/5	250.0	43.804464	50.0	289983.0	0.175218	Y
5	ICIS 860-22460/6	500.0	95.653019	50.0	298276.0	0.191306	Y
6	IC 860-22460/10	1000.0	185.895622	50.0	328749.0	0.185896	Y
7	IC 860-22460/8	1500.0	287.88447	50.0	344273.0	0.191923	Y



Calibration / Methyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

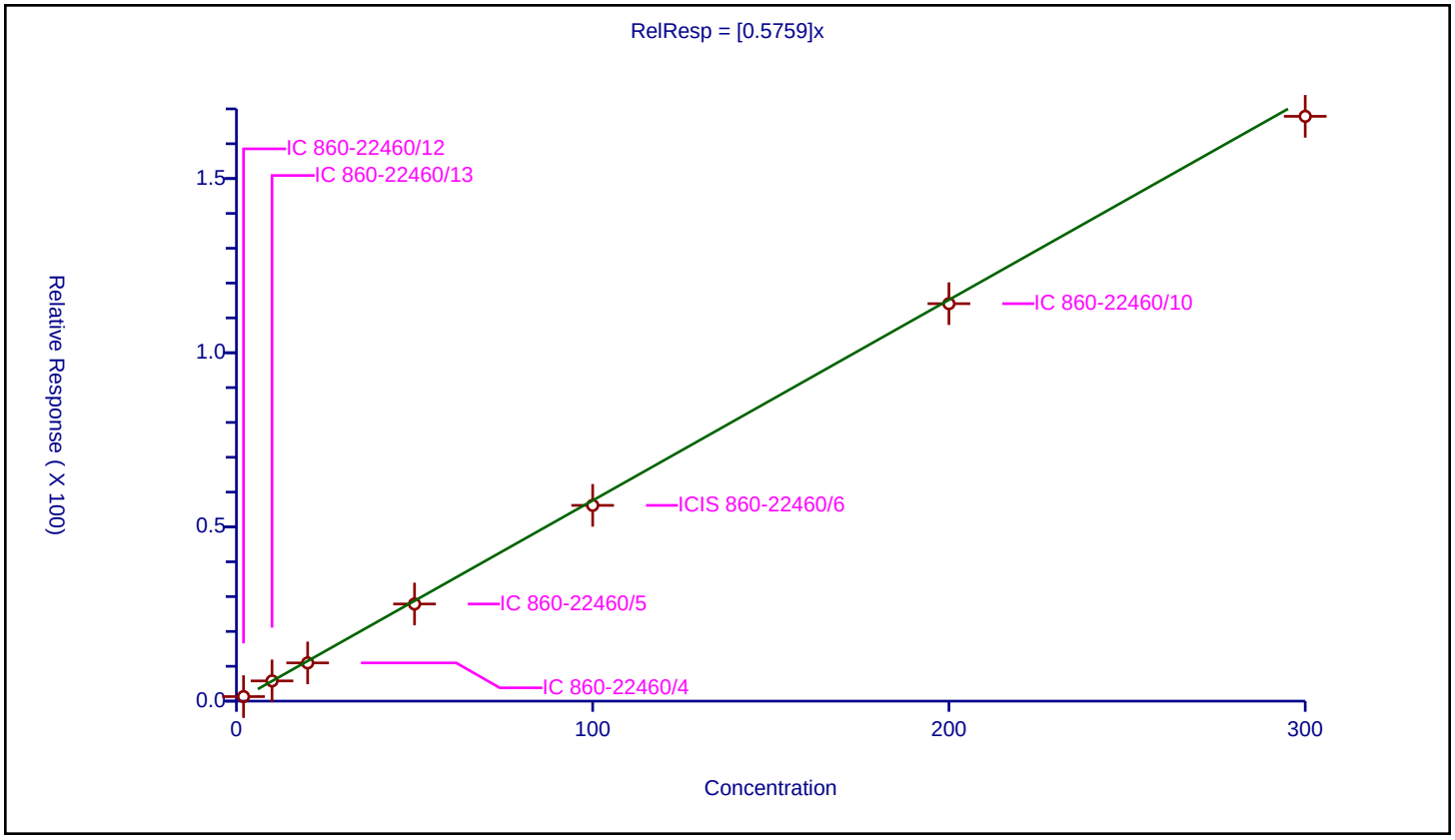
Curve Coefficients

Intercept:	0
Slope:	0.5759

Error Coefficients

Standard Error:	583000
Relative Standard Error:	6.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	2.0	1.305097	50.0	262739.0	0.652549	Y
2	IC 860-22460/13	10.0	5.804321	50.0	262675.0	0.580432	Y
3	IC 860-22460/4	20.0	10.977641	50.0	256321.0	0.548882	Y
4	IC 860-22460/5	50.0	27.886807	50.0	289983.0	0.557736	Y
5	ICIS 860-22460/6	100.0	56.195101	50.0	298276.0	0.561951	Y
6	IC 860-22460/10	200.0	114.089473	50.0	328749.0	0.570447	Y
7	IC 860-22460/8	300.0	167.864311	50.0	344273.0	0.559548	Y



Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

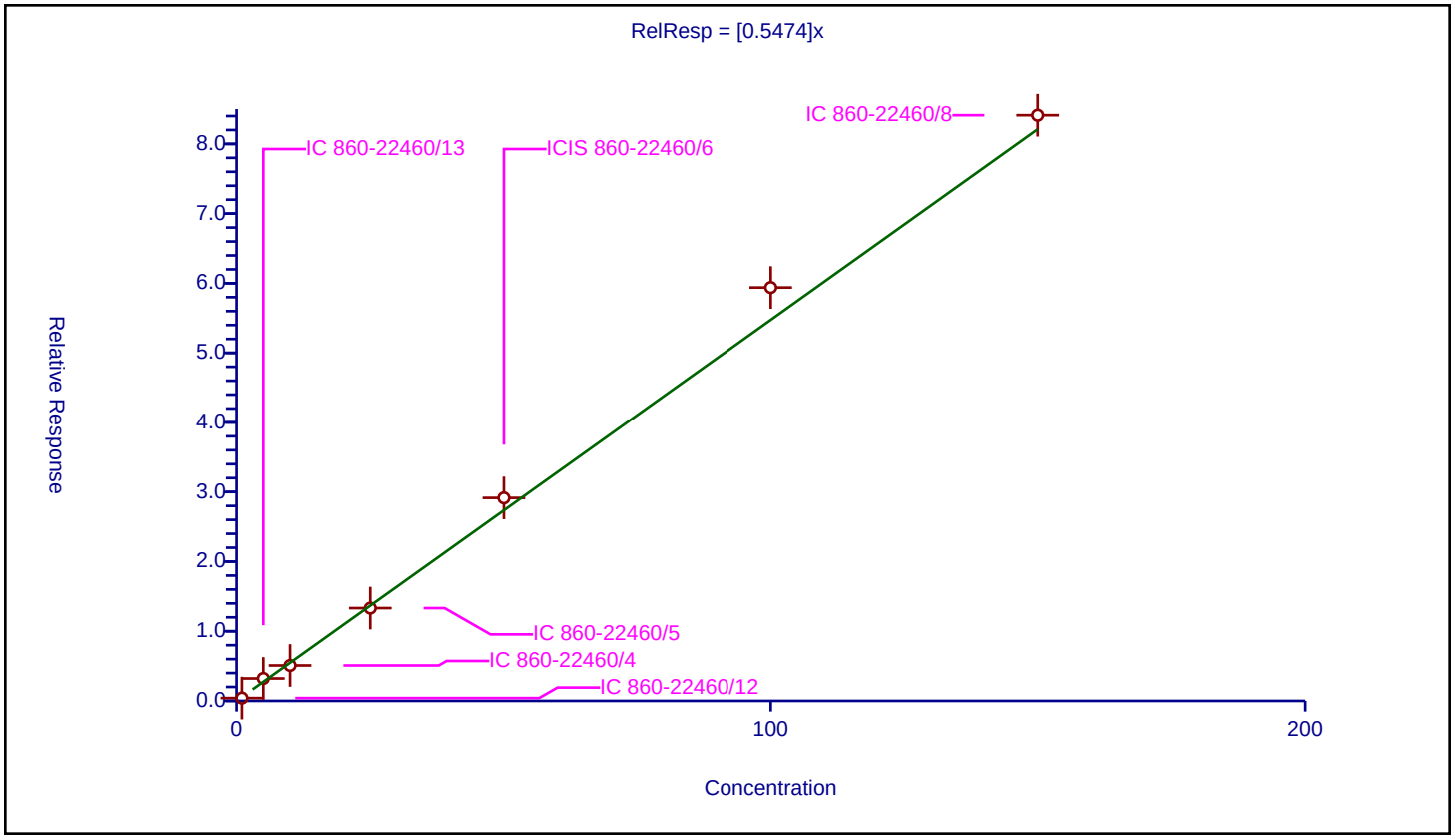
Curve Coefficients

Intercept:	0
Slope:	0.5474

Error Coefficients

Standard Error:	296000
Relative Standard Error:	13.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	0.407629	50.0	262739.0	0.407629	Y
2	IC 860-22460/13	5.0	3.221662	50.0	262675.0	0.644332	Y
3	IC 860-22460/4	10.0	5.087566	50.0	256321.0	0.508757	Y
4	IC 860-22460/5	25.0	13.327333	50.0	289983.0	0.533093	Y
5	ICIS 860-22460/6	50.0	29.153368	50.0	298276.0	0.583067	Y
6	IC 860-22460/10	100.0	59.388165	50.0	328749.0	0.593882	Y
7	IC 860-22460/8	150.0	84.117691	50.0	344273.0	0.560785	Y



Calibration / 2-Methyl-2-propanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

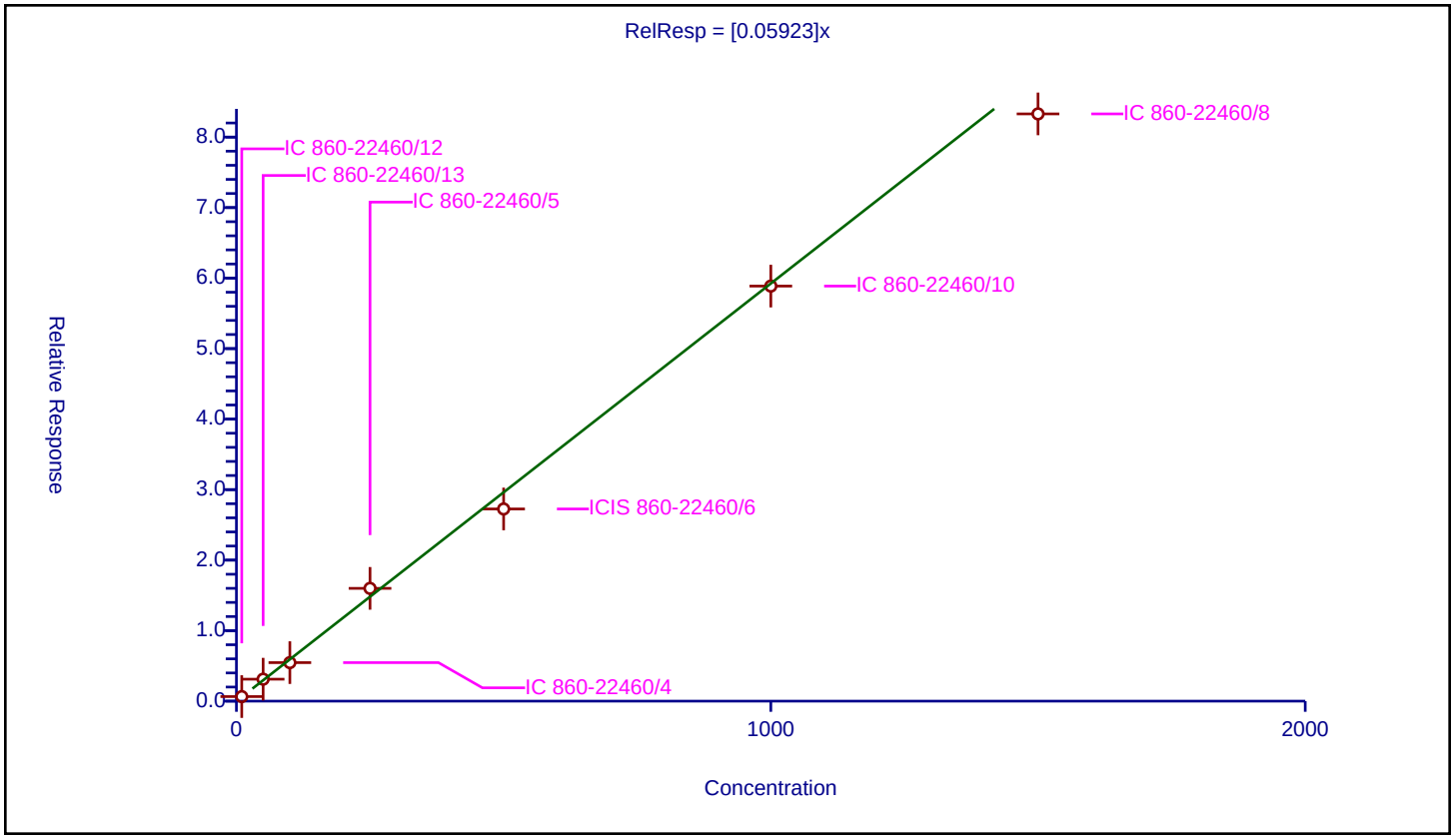
Curve Coefficients

Intercept:	0
Slope:	0.05923

Error Coefficients

Standard Error:	293000
Relative Standard Error:	7.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	10.0	0.647791	50.0	262739.0	0.064779	Y
2	IC 860-22460/13	50.0	3.115828	50.0	262675.0	0.062317	Y
3	IC 860-22460/4	100.0	5.465608	50.0	256321.0	0.054656	Y
4	IC 860-22460/5	250.0	15.995076	50.0	289983.0	0.06398	Y
5	ICIS 860-22460/6	500.0	27.257138	50.0	298276.0	0.054514	Y
6	IC 860-22460/10	1000.0	58.866035	50.0	328749.0	0.058866	Y
7	IC 860-22460/8	1500.0	83.291312	50.0	344273.0	0.055528	Y



Calibration / Acrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

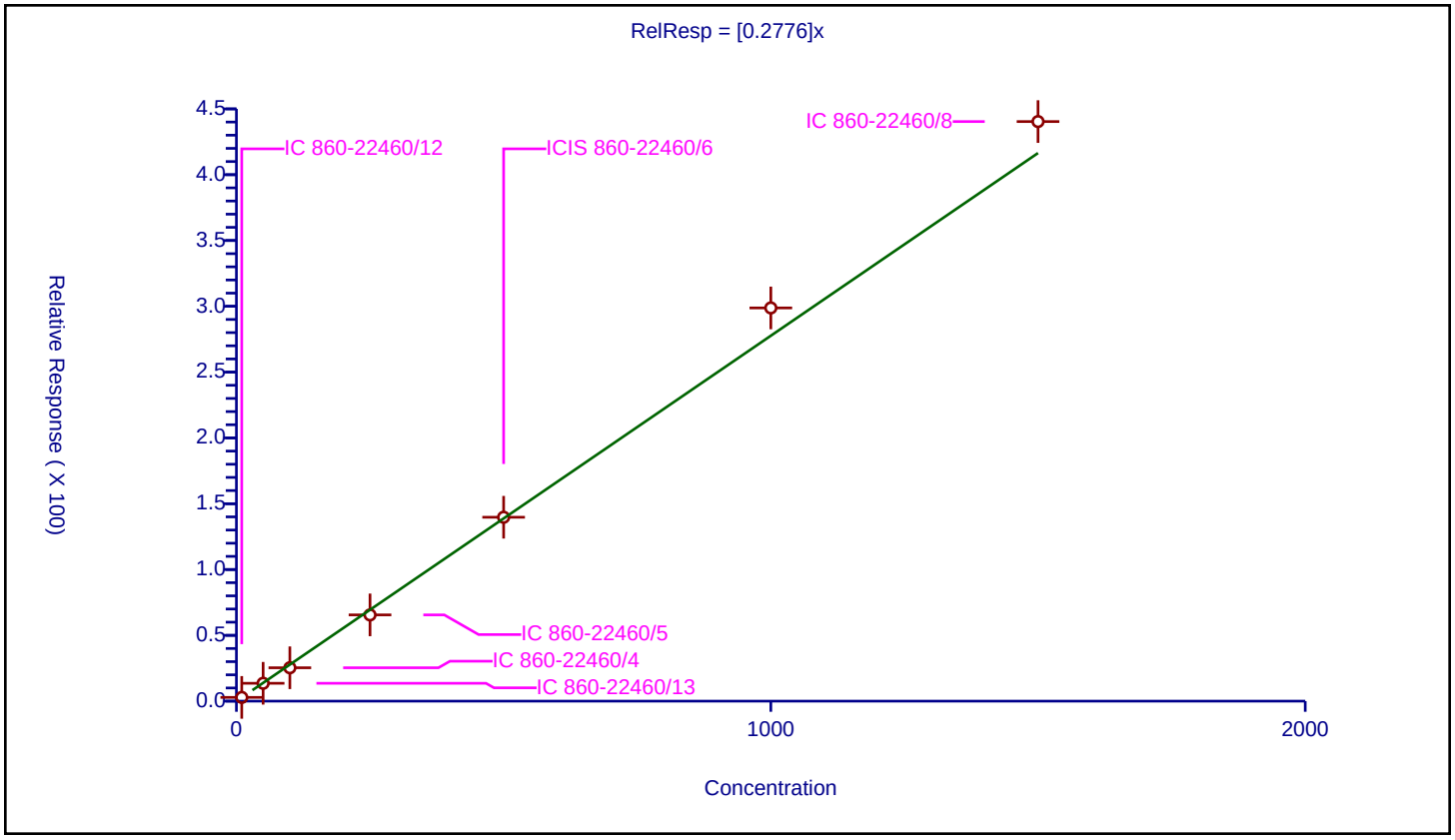
Curve Coefficients

Intercept:	0
Slope:	0.2776

Error Coefficients

Standard Error:	1520000
Relative Standard Error:	5.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	10.0	2.843506	50.0	262739.0	0.284351	Y
2	IC 860-22460/13	50.0	13.576092	50.0	262675.0	0.271522	Y
3	IC 860-22460/4	100.0	25.360583	50.0	256321.0	0.253606	Y
4	IC 860-22460/5	250.0	65.52729	50.0	289983.0	0.262109	Y
5	ICIS 860-22460/6	500.0	139.717577	50.0	298276.0	0.279435	Y
6	IC 860-22460/10	1000.0	298.775814	50.0	328749.0	0.298776	Y
7	IC 860-22460/8	1500.0	440.374645	50.0	344273.0	0.293583	Y



Calibration / trans-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

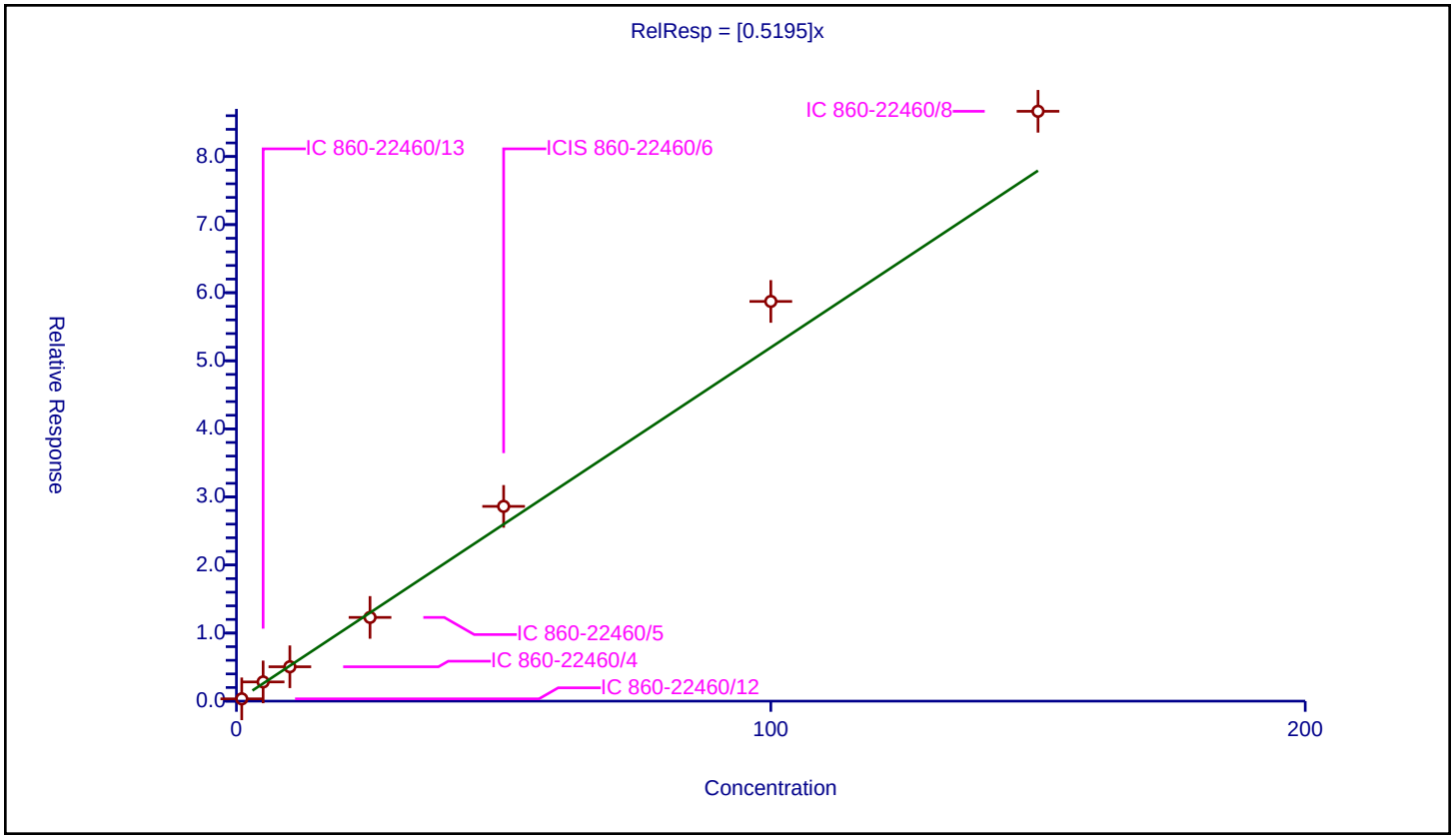
Curve Coefficients

Intercept:	0
Slope:	0.5195

Error Coefficients

Standard Error:	300000
Relative Standard Error:	16.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.972

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	0.338739	50.0	262739.0	0.338739	Y
2	IC 860-22460/13	5.0	2.820976	50.0	262675.0	0.564195	Y
3	IC 860-22460/4	10.0	5.047772	50.0	256321.0	0.504777	Y
4	IC 860-22460/5	25.0	12.299687	50.0	289983.0	0.491987	Y
5	ICIS 860-22460/6	50.0	28.611588	50.0	298276.0	0.572232	Y
6	IC 860-22460/10	100.0	58.718049	50.0	328749.0	0.58718	Y
7	IC 860-22460/8	150.0	86.648532	50.0	344273.0	0.577657	Y



Calibration / Methyl tert-butyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

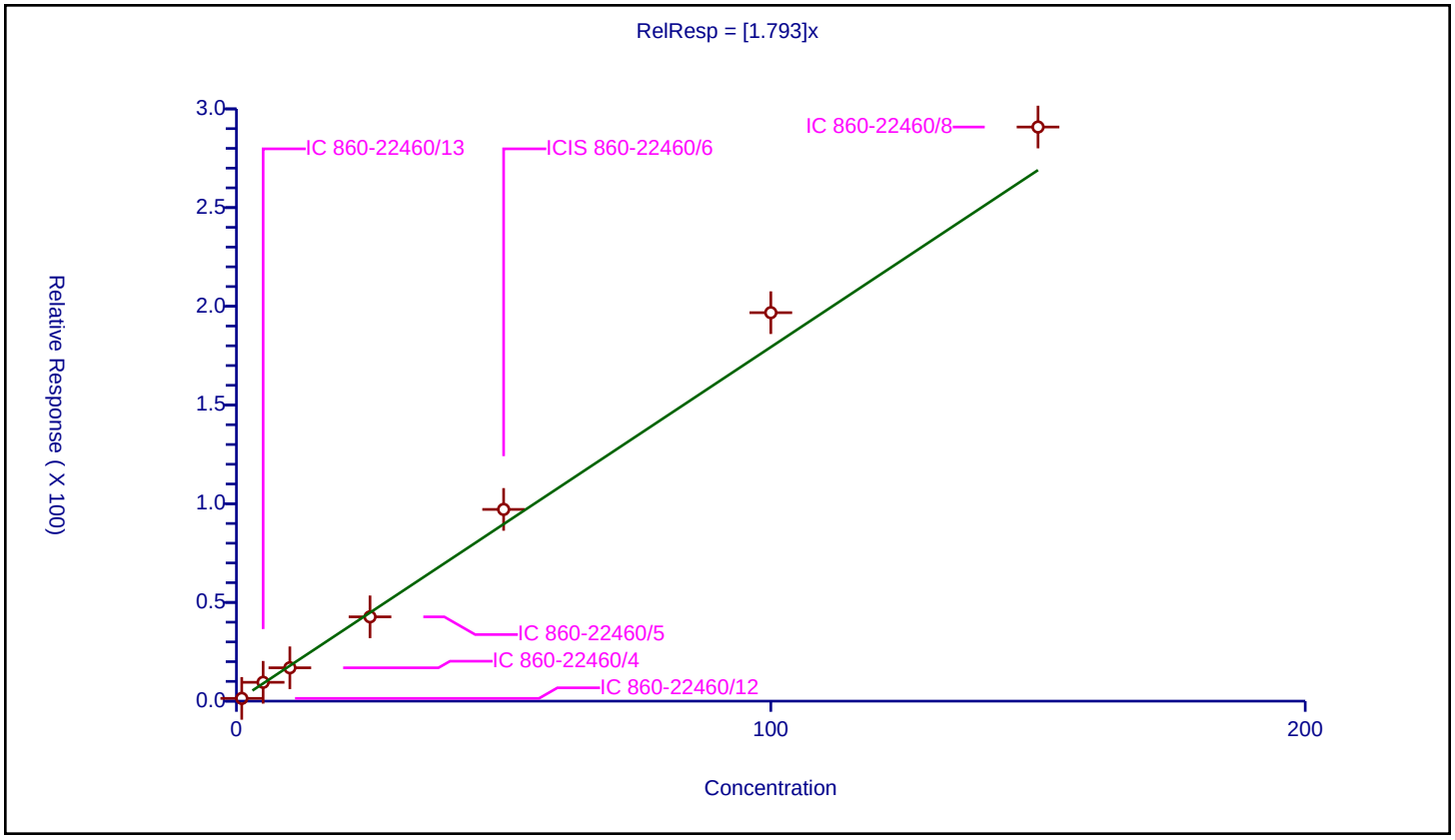
Curve Coefficients

Intercept:	0
Slope:	1.793

Error Coefficients

Standard Error:	1010000
Relative Standard Error:	11.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	1.398536	50.0	262739.0	1.398536	Y
2	IC 860-22460/13	5.0	9.539926	50.0	262675.0	1.907985	Y
3	IC 860-22460/4	10.0	16.898147	50.0	256321.0	1.689815	Y
4	IC 860-22460/5	25.0	42.703883	50.0	289983.0	1.708155	Y
5	ICIS 860-22460/6	50.0	97.121626	50.0	298276.0	1.942433	Y
6	IC 860-22460/10	100.0	196.780066	50.0	328749.0	1.967801	Y
7	IC 860-22460/8	150.0	290.813686	50.0	344273.0	1.938758	Y



Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

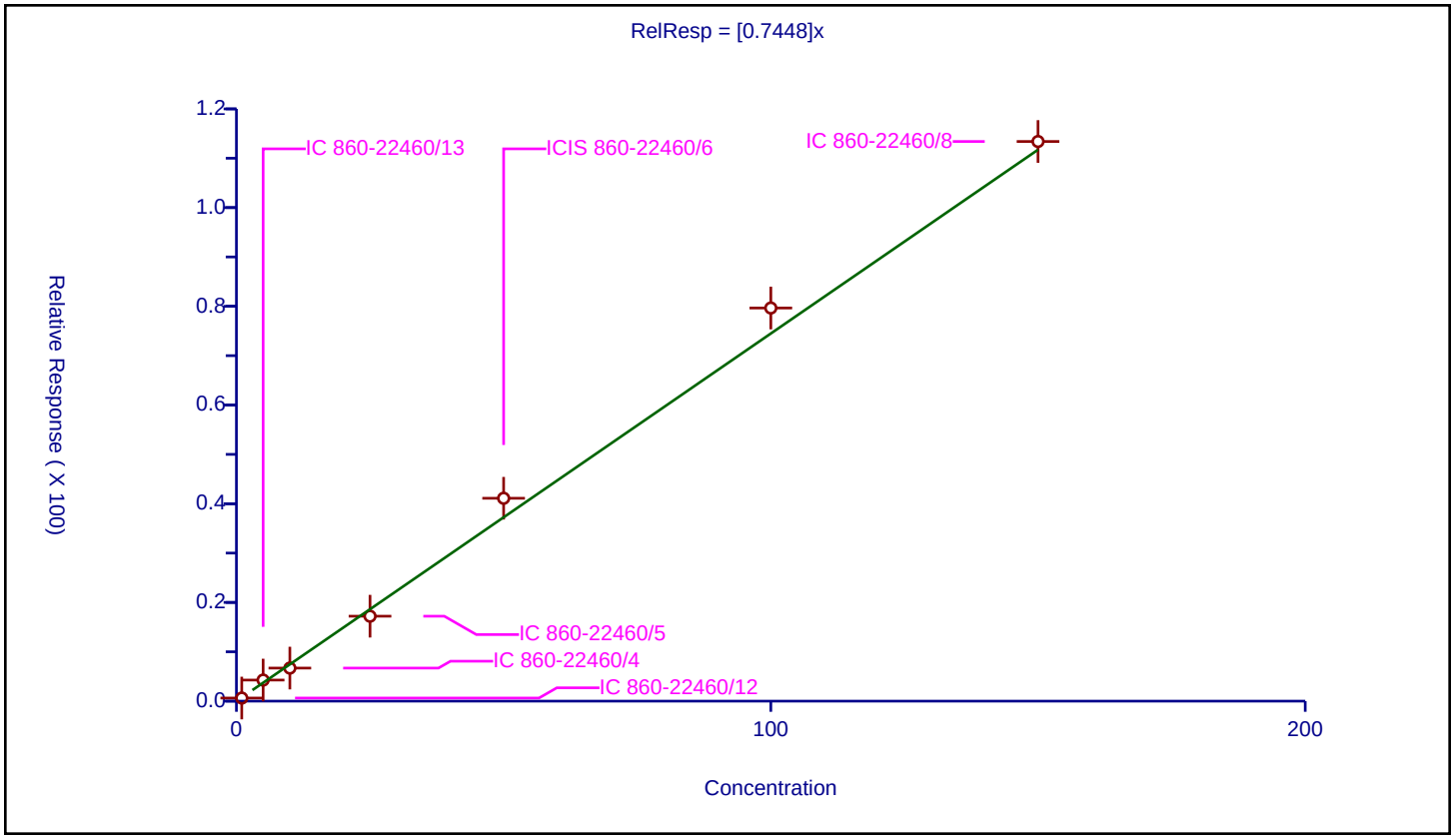
Curve Coefficients

Intercept:	0
Slope:	0.7448

Error Coefficients

Standard Error:	399000
Relative Standard Error:	11.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	0.626477	50.0	262739.0	0.626477	Y
2	IC 860-22460/13	5.0	4.27239	50.0	262675.0	0.854478	Y
3	IC 860-22460/4	10.0	6.698632	50.0	256321.0	0.669863	Y
4	IC 860-22460/5	25.0	17.211009	50.0	289983.0	0.68844	Y
5	ICIS 860-22460/6	50.0	41.107397	50.0	298276.0	0.822148	Y
6	IC 860-22460/10	100.0	79.654691	50.0	328749.0	0.796547	Y
7	IC 860-22460/8	150.0	113.394457	50.0	344273.0	0.755963	Y



Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

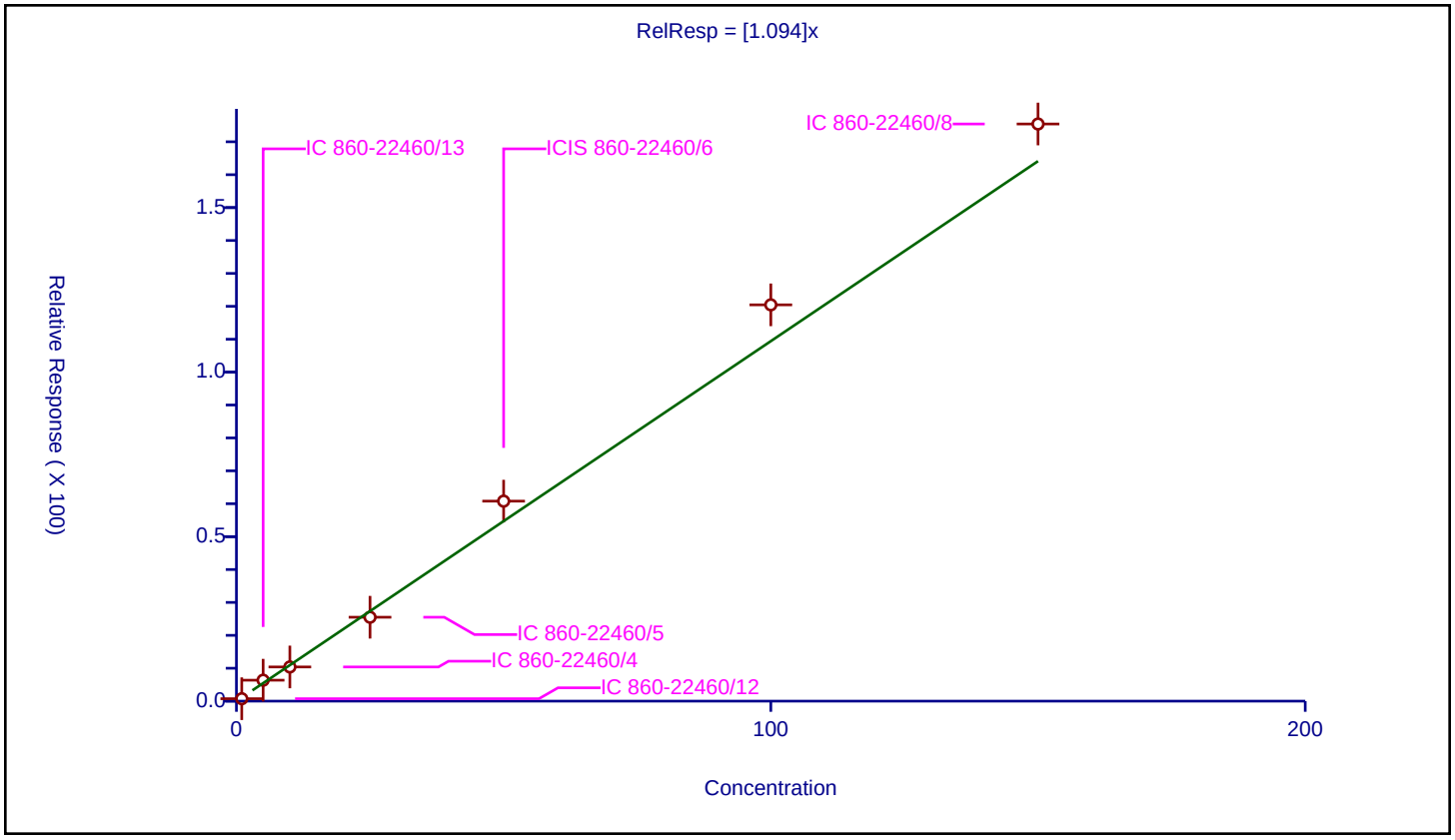
Curve Coefficients

Intercept:	0
Slope:	1.094

Error Coefficients

Standard Error:	611000
Relative Standard Error:	16.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.972

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	0.736853	50.0	262739.0	0.736853	Y
2	IC 860-22460/13	5.0	6.364709	50.0	262675.0	1.272942	Y
3	IC 860-22460/4	10.0	10.393023	50.0	256321.0	1.039302	Y
4	IC 860-22460/5	25.0	25.499253	50.0	289983.0	1.01997	Y
5	ICIS 860-22460/6	50.0	60.787492	50.0	298276.0	1.21575	Y
6	IC 860-22460/10	100.0	120.449188	50.0	328749.0	1.204492	Y
7	IC 860-22460/8	150.0	175.410938	50.0	344273.0	1.169406	Y



Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

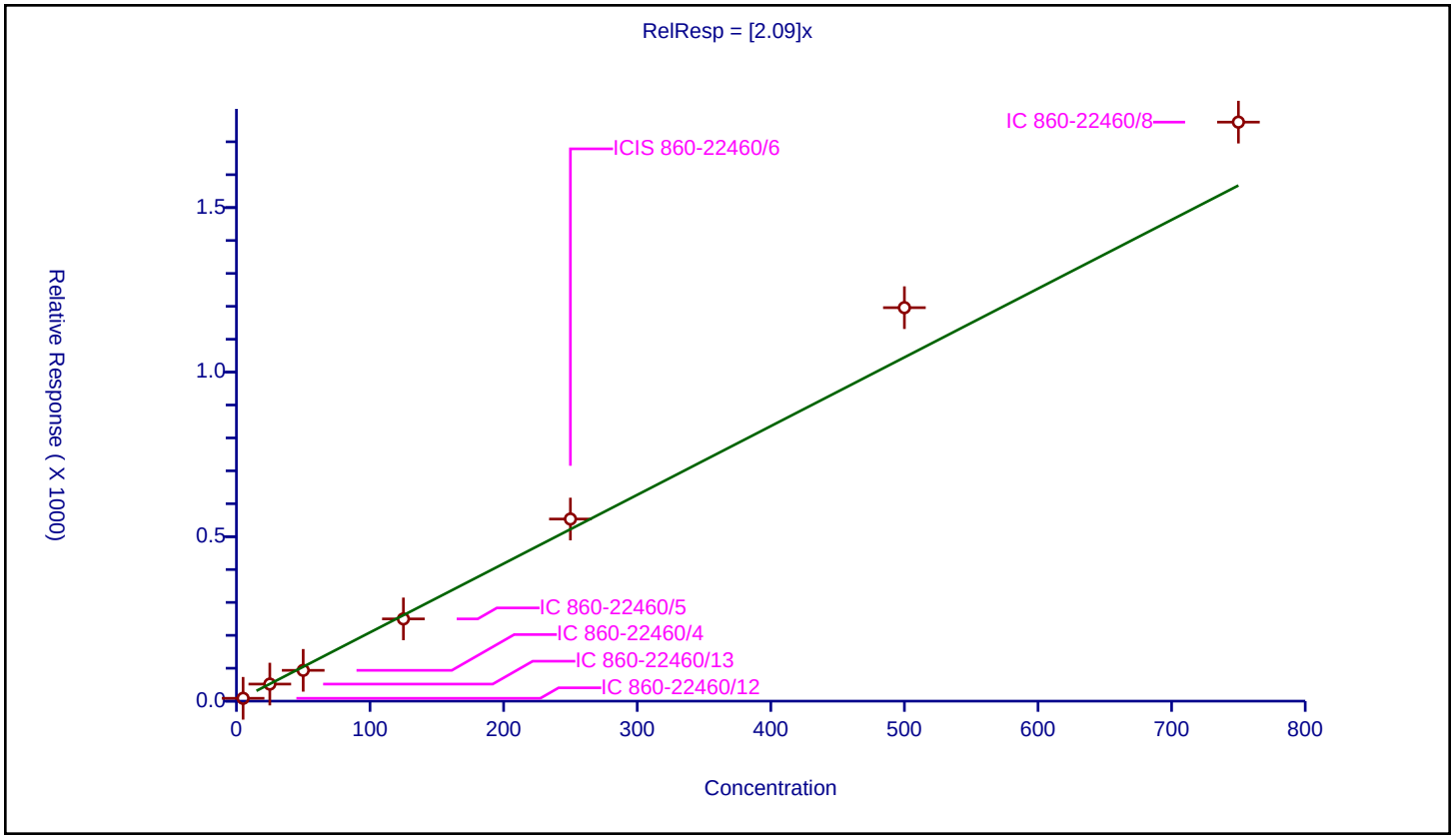
Curve Coefficients

Intercept:	0
Slope:	2.09

Error Coefficients

Standard Error:	6080000
Relative Standard Error:	11.7
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	5.0	8.652503	50.0	262739.0	1.730501	Y
2	IC 860-22460/13	25.0	51.82564	50.0	262675.0	2.073026	Y
3	IC 860-22460/4	50.0	93.62128	50.0	256321.0	1.872426	Y
4	IC 860-22460/5	125.0	249.950169	50.0	289983.0	1.999601	Y
5	ICIS 860-22460/6	250.0	553.477484	50.0	298276.0	2.21391	Y
6	IC 860-22460/10	500.0	1195.869645	50.0	328749.0	2.391739	Y
7	IC 860-22460/8	750.0	1759.804574	50.0	344273.0	2.346406	Y



Calibration / Isopropyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

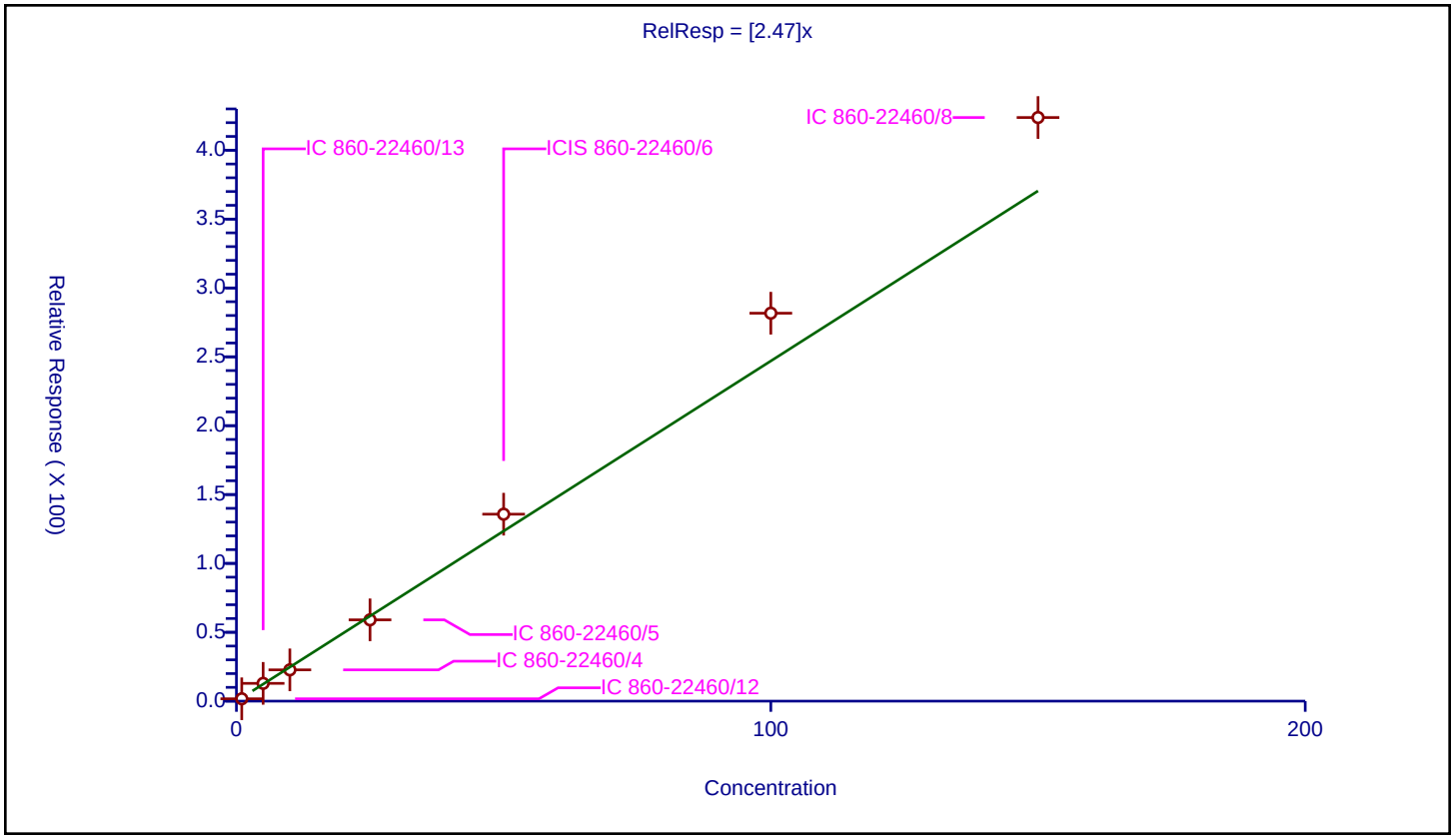
Curve Coefficients

Intercept:	0
Slope:	2.47

Error Coefficients

Standard Error:	1460000
Relative Standard Error:	16.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	1.718626	50.0	262739.0	1.718626	Y
2	IC 860-22460/13	5.0	12.905111	50.0	262675.0	2.581022	Y
3	IC 860-22460/4	10.0	22.712536	50.0	256321.0	2.271254	Y
4	IC 860-22460/5	25.0	59.020874	50.0	289983.0	2.360835	Y
5	ICIS 860-22460/6	50.0	135.73318	50.0	298276.0	2.714664	Y
6	IC 860-22460/10	100.0	281.664887	50.0	328749.0	2.816649	Y
7	IC 860-22460/8	150.0	423.732038	50.0	344273.0	2.82488	Y



Calibration / 2-Chloro-1,3-butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

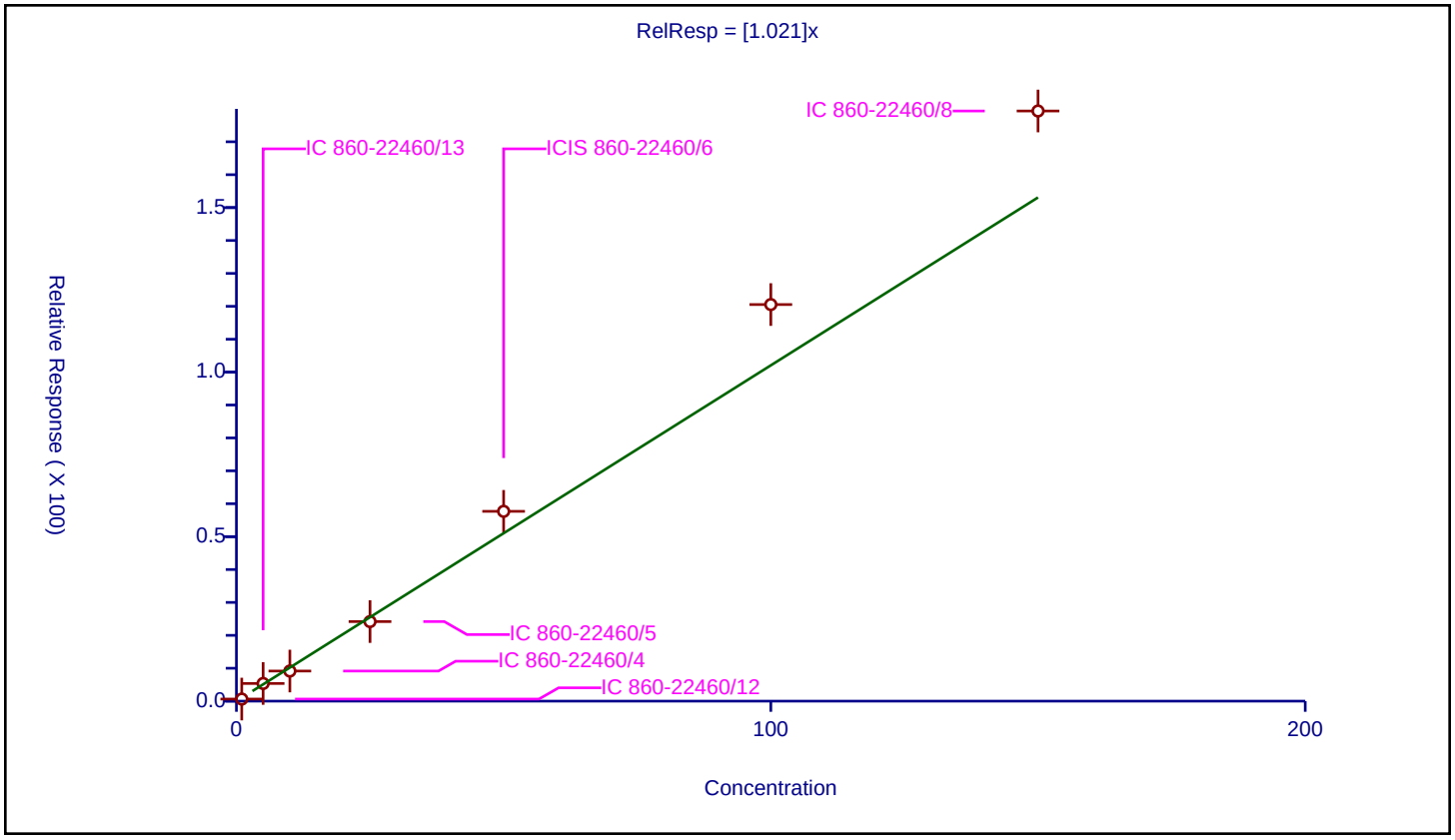
Curve Coefficients

Intercept:	0
Slope:	1.021

Error Coefficients

Standard Error:	618000
Relative Standard Error:	20.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.962

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	0.631425	50.0	262739.0	0.631425	Y
2	IC 860-22460/13	5.0	5.373941	50.0	262675.0	1.074788	Y
3	IC 860-22460/4	10.0	9.154537	50.0	256321.0	0.915454	Y
4	IC 860-22460/5	25.0	24.18159	50.0	289983.0	0.967264	Y
5	ICIS 860-22460/6	50.0	57.689522	50.0	298276.0	1.15379	Y
6	IC 860-22460/10	100.0	120.534359	50.0	328749.0	1.205344	Y
7	IC 860-22460/8	150.0	179.359985	50.0	344273.0	1.195733	Y



Calibration / Tert-butyl ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

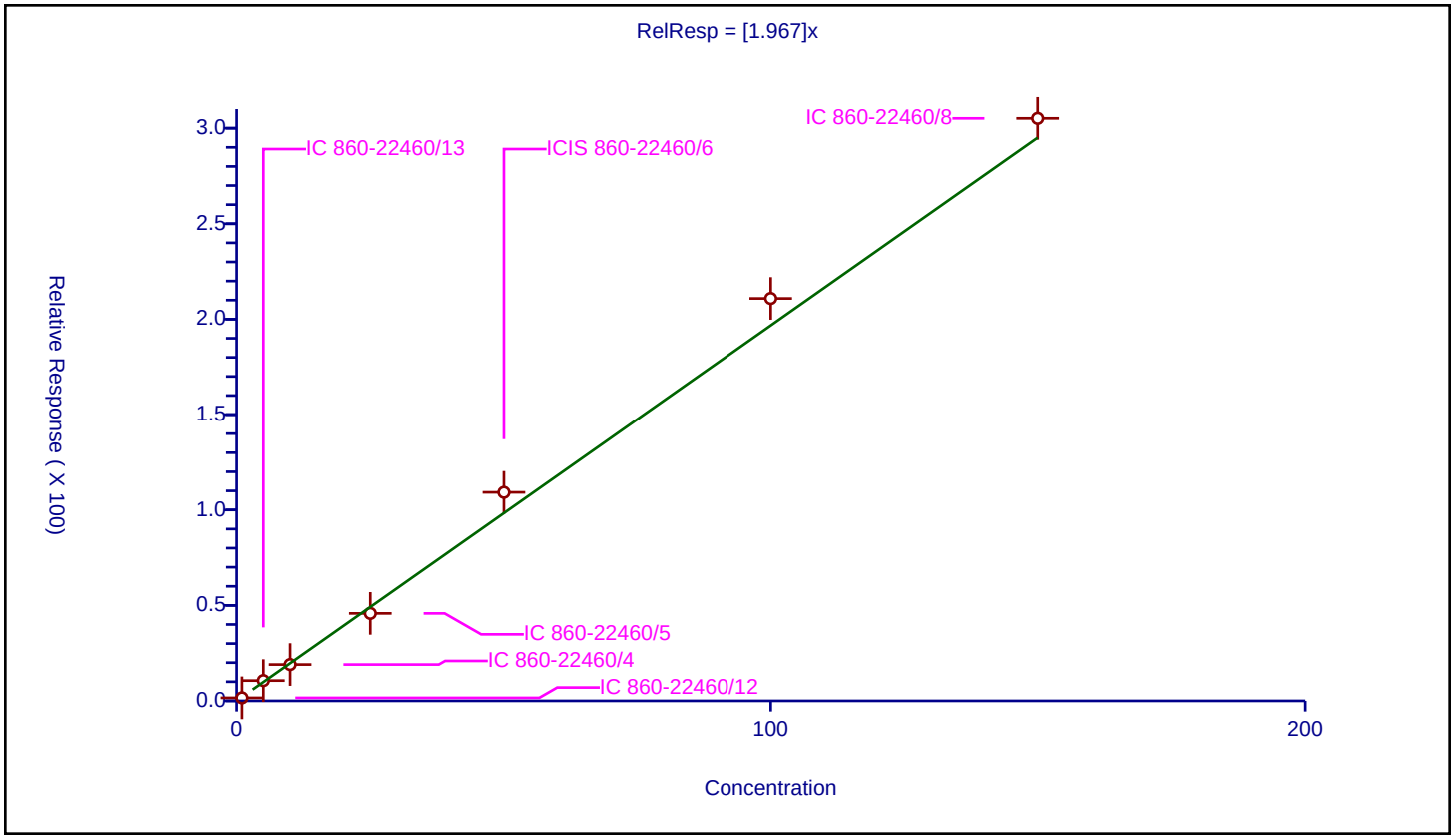
Curve Coefficients

Intercept:	0
Slope:	1.967

Error Coefficients

Standard Error:	1070000
Relative Standard Error:	10.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	1.587888	50.0	262739.0	1.587888	Y
2	IC 860-22460/13	5.0	10.601313	50.0	262675.0	2.120263	Y
3	IC 860-22460/4	10.0	19.007807	50.0	256321.0	1.900781	Y
4	IC 860-22460/5	25.0	45.817341	50.0	289983.0	1.832694	Y
5	ICIS 860-22460/6	50.0	109.236077	50.0	298276.0	2.184722	Y
6	IC 860-22460/10	100.0	210.868778	50.0	328749.0	2.108688	Y
7	IC 860-22460/8	150.0	305.15129	50.0	344273.0	2.034342	Y



Calibration / 2,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

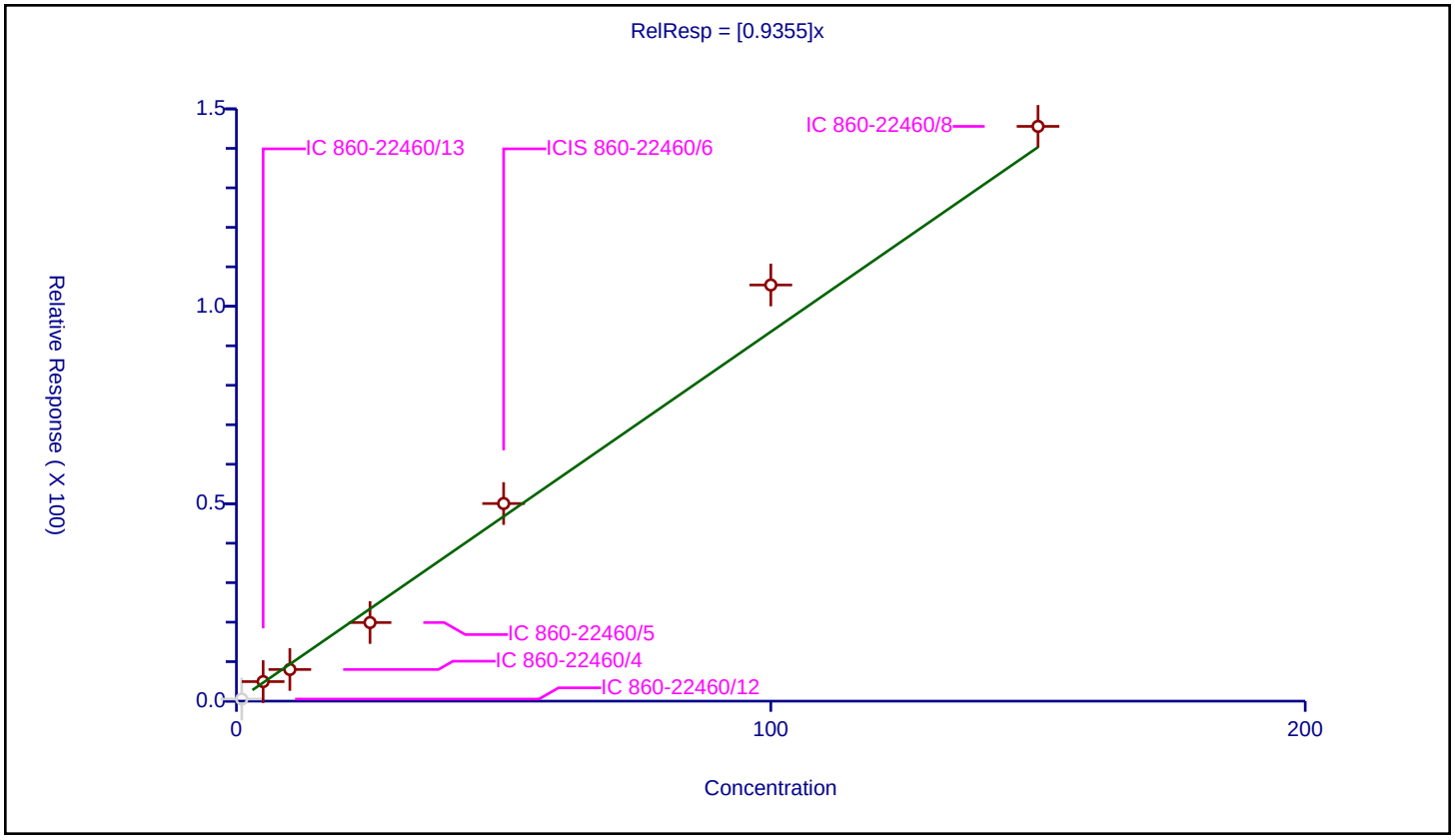
Curve Coefficients

Intercept:	0
Slope:	0.9355

Error Coefficients

Standard Error:	564000
Relative Standard Error:	11.7
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	0.530184	50.0	262739.0	0.530184	N
2	IC 860-22460/13	5.0	4.947749	50.0	262675.0	0.98955	Y
3	IC 860-22460/4	10.0	8.015145	50.0	256321.0	0.801515	Y
4	IC 860-22460/5	25.0	19.907374	50.0	289983.0	0.796295	Y
5	ICIS 860-22460/6	50.0	50.046769	50.0	298276.0	1.000935	Y
6	IC 860-22460/10	100.0	105.403058	50.0	328749.0	1.054031	Y
7	IC 860-22460/8	150.0	145.573571	50.0	344273.0	0.97049	Y



Calibration / cis-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

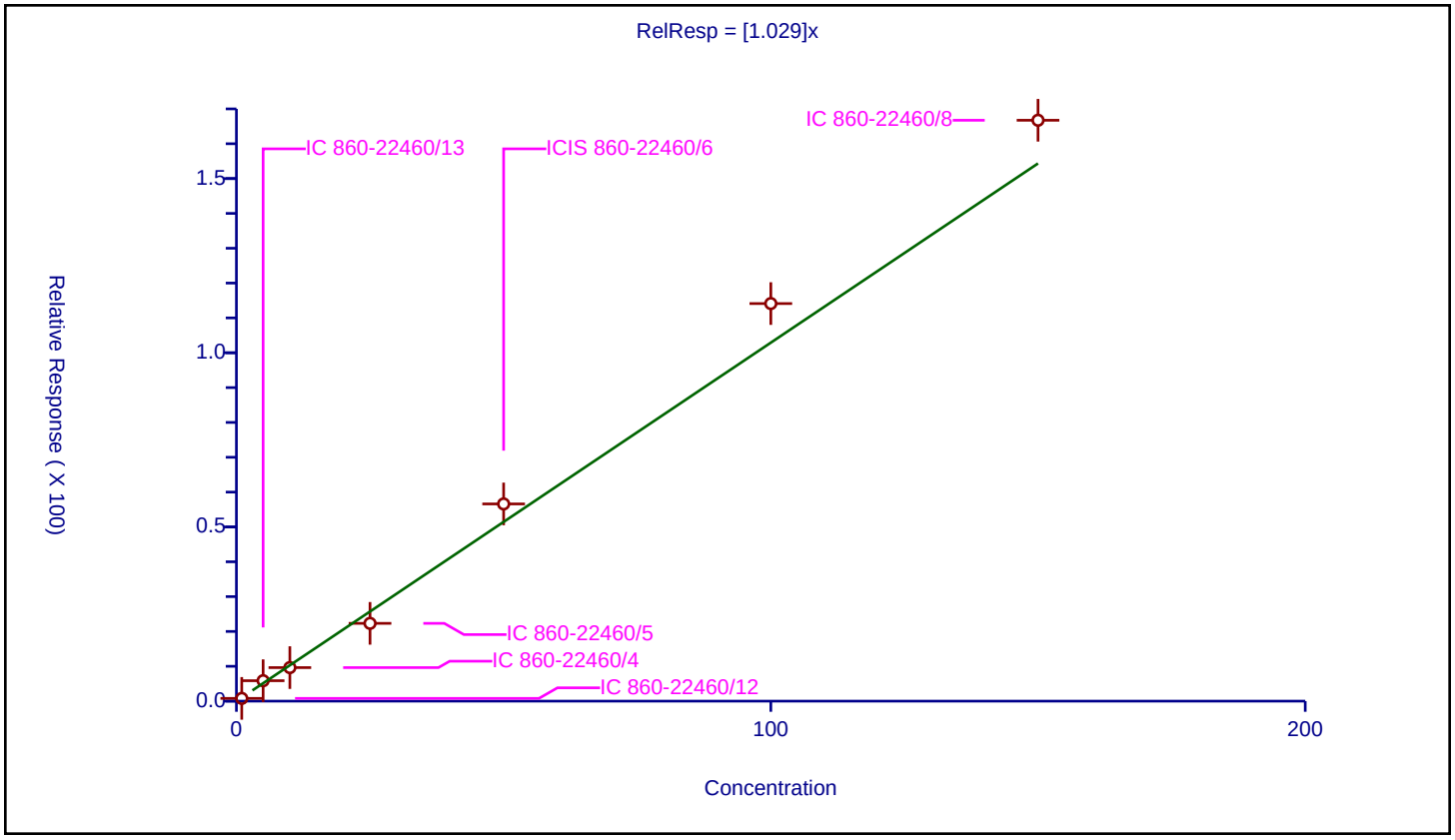
Curve Coefficients

Intercept:	0
Slope:	1.029

Error Coefficients

Standard Error:	579000
Relative Standard Error:	14.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	0.787854	50.0	262739.0	0.787854	Y
2	IC 860-22460/13	5.0	5.868849	50.0	262675.0	1.17377	Y
3	IC 860-22460/4	10.0	9.629527	50.0	256321.0	0.962953	Y
4	IC 860-22460/5	25.0	22.329068	50.0	289983.0	0.893163	Y
5	ICIS 860-22460/6	50.0	56.611159	50.0	298276.0	1.132223	Y
6	IC 860-22460/10	100.0	114.118674	50.0	328749.0	1.141187	Y
7	IC 860-22460/8	150.0	166.737299	50.0	344273.0	1.111582	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

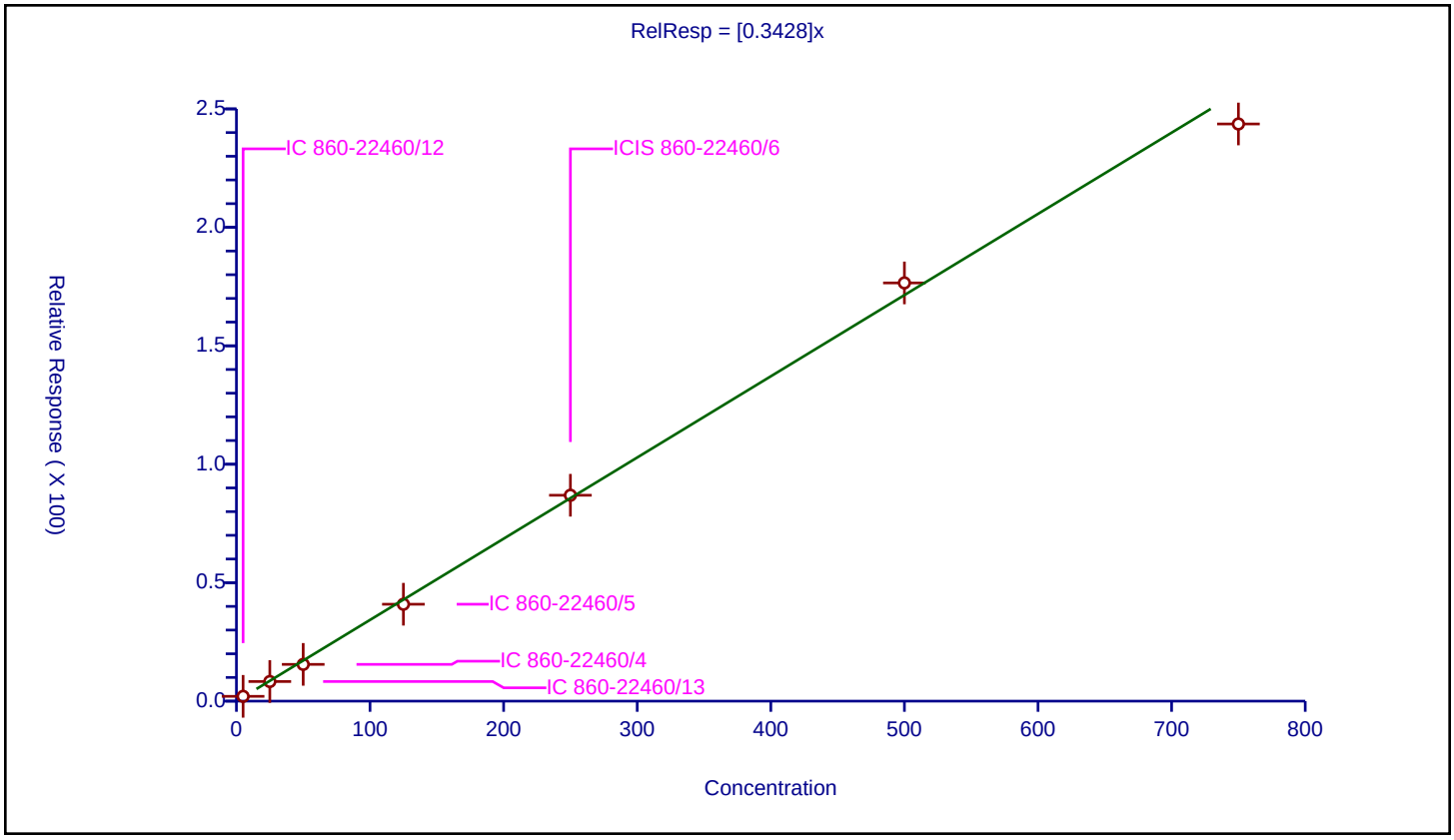
Curve Coefficients

Intercept:	0
Slope:	0.3428

Error Coefficients

Standard Error:	865000
Relative Standard Error:	9.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	5.0	2.026155	50.0	262739.0	0.405231	Y
2	IC 860-22460/13	25.0	8.279813	50.0	262675.0	0.331193	Y
3	IC 860-22460/4	50.0	15.519407	50.0	256321.0	0.310388	Y
4	IC 860-22460/5	125.0	40.903605	50.0	289983.0	0.327229	Y
5	ICIS 860-22460/6	250.0	86.907596	50.0	298276.0	0.34763	Y
6	IC 860-22460/10	500.0	176.545176	50.0	328749.0	0.35309	Y
7	IC 860-22460/8	750.0	243.632669	50.0	344273.0	0.324844	Y



Calibration / Ethyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

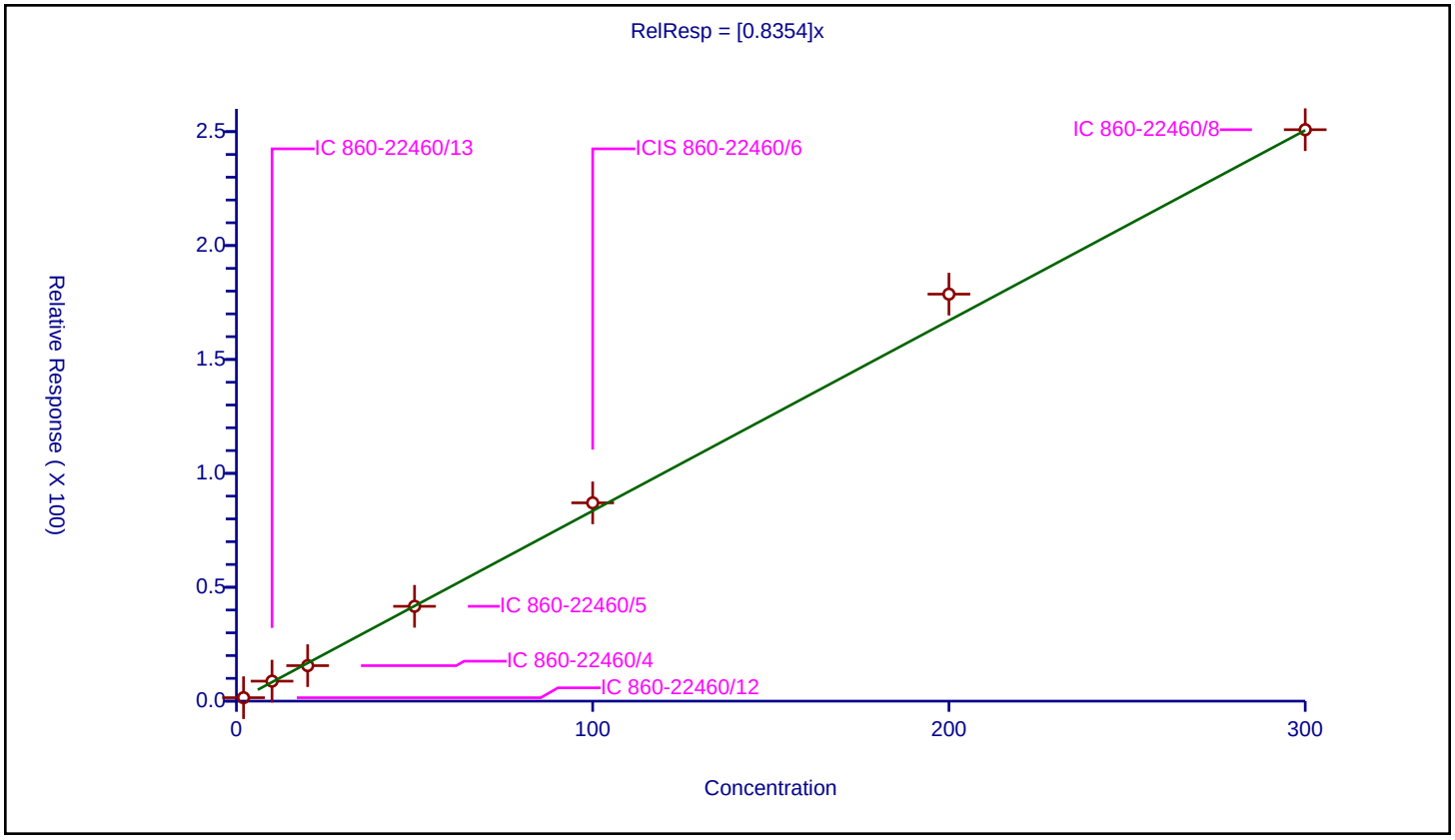
Curve Coefficients

Intercept:	0
Slope:	0.8354

Error Coefficients

Standard Error:	885000
Relative Standard Error:	6.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	2.0	1.515763	50.0	262739.0	0.757881	Y
2	IC 860-22460/13	10.0	8.77948	50.0	262675.0	0.877948	Y
3	IC 860-22460/4	20.0	15.579878	50.0	256321.0	0.778994	Y
4	IC 860-22460/5	50.0	41.630889	50.0	289983.0	0.832618	Y
5	ICIS 860-22460/6	100.0	87.052763	50.0	298276.0	0.870528	Y
6	IC 860-22460/10	200.0	178.677197	50.0	328749.0	0.893386	Y
7	IC 860-22460/8	300.0	250.868933	50.0	344273.0	0.83623	Y



Calibration / Propionitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

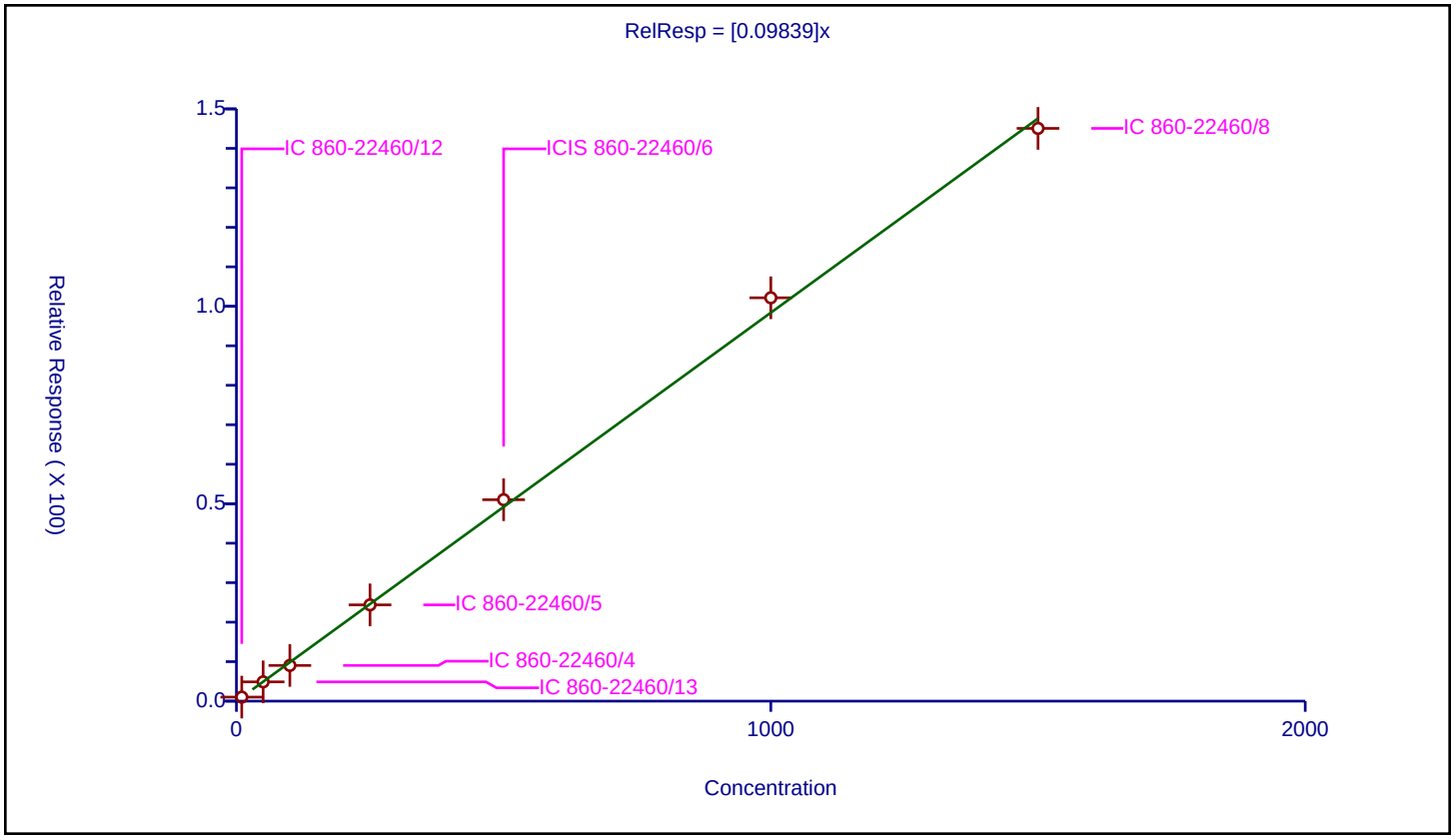
Curve Coefficients

Intercept:	0
Slope:	0.09839

Error Coefficients

Standard Error:	511000
Relative Standard Error:	4.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	10.0	1.022117	50.0	262739.0	0.102212	Y
2	IC 860-22460/13	50.0	4.881508	50.0	262675.0	0.09763	Y
3	IC 860-22460/4	100.0	9.043738	50.0	256321.0	0.090437	Y
4	IC 860-22460/5	250.0	24.38505	50.0	289983.0	0.09754	Y
5	ICIS 860-22460/6	500.0	51.011312	50.0	298276.0	0.102023	Y
6	IC 860-22460/10	1000.0	102.161527	50.0	328749.0	0.102162	Y
7	IC 860-22460/8	1500.0	145.059735	50.0	344273.0	0.096706	Y



Calibration / Chlorobromomethane

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

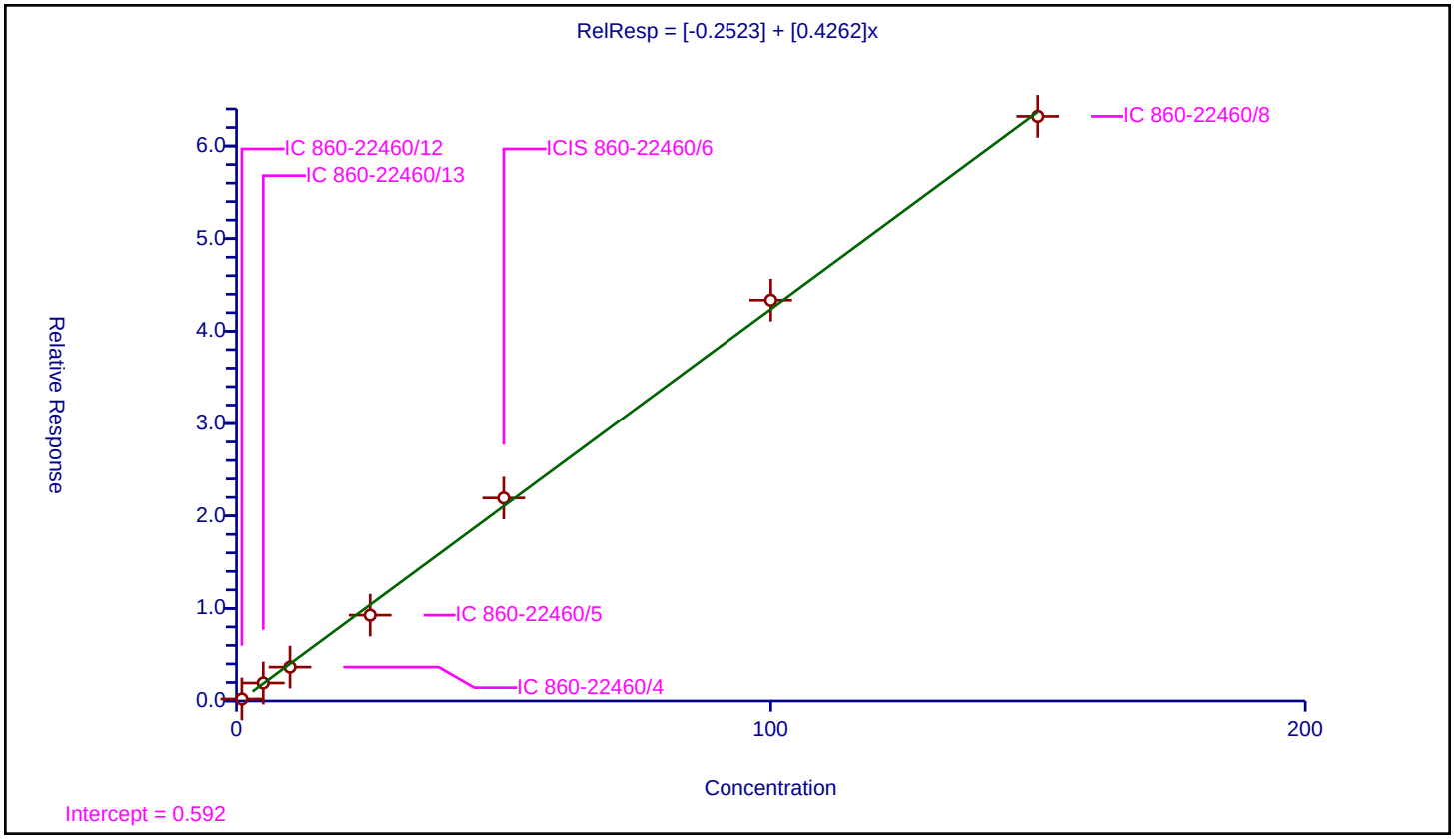
Curve Coefficients

Intercept:	-0.2523
Slope:	0.4262

Error Coefficients

Standard Error:	241000
Relative Standard Error:	8.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	0.217897	50.0	262739.0	0.217897	Y
2	IC 860-22460/13	5.0	1.941372	50.0	262675.0	0.388274	Y
3	IC 860-22460/4	10.0	3.655768	50.0	256321.0	0.365577	Y
4	IC 860-22460/5	25.0	9.272095	50.0	289983.0	0.370884	Y
5	ICIS 860-22460/6	50.0	21.938238	50.0	298276.0	0.438765	Y
6	IC 860-22460/10	100.0	43.3542	50.0	328749.0	0.433542	Y
7	IC 860-22460/8	150.0	63.199699	50.0	344273.0	0.421331	Y



Calibration / Methacrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

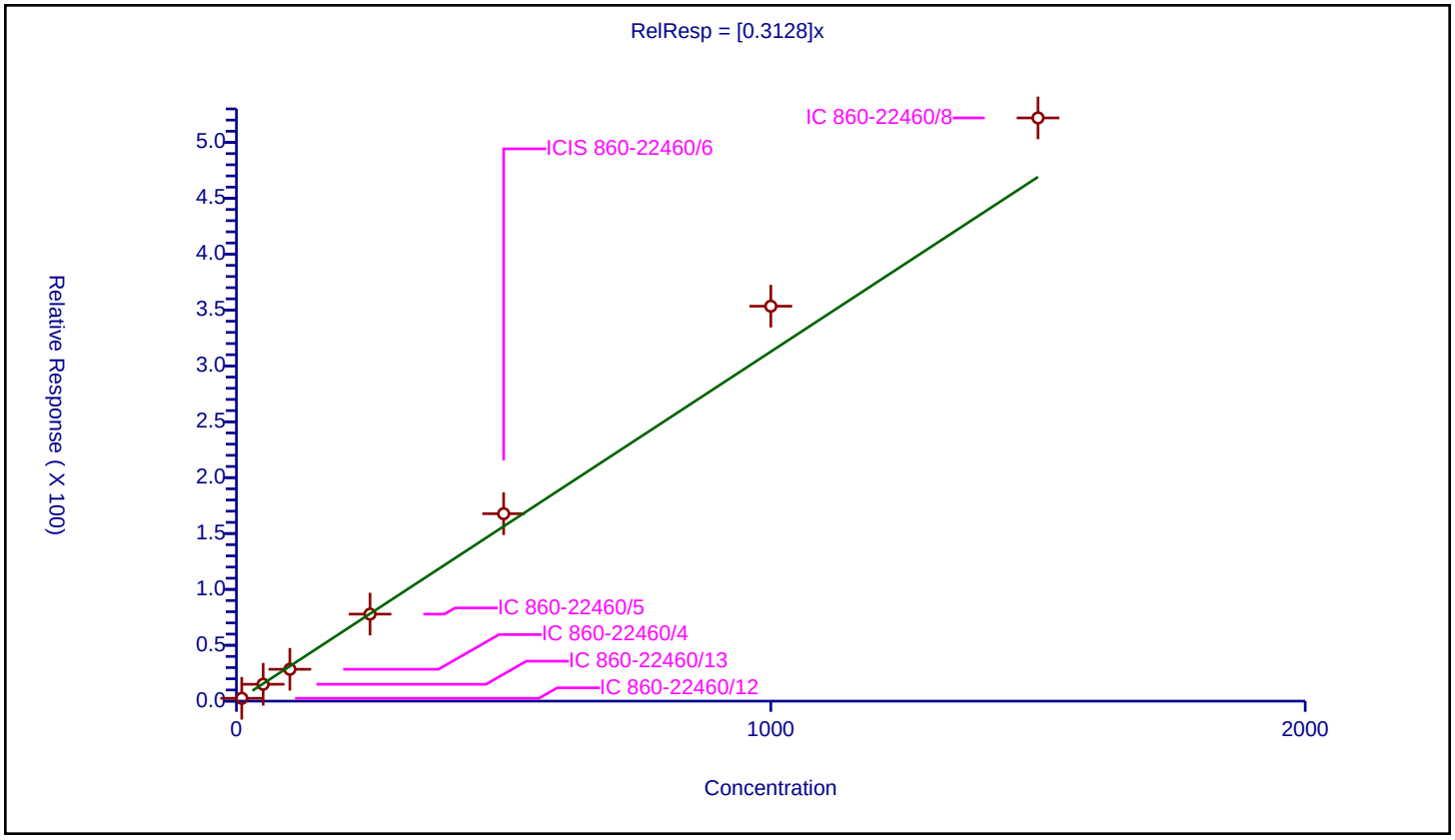
Curve Coefficients

Intercept:	0
Slope:	0.3128

Error Coefficients

Standard Error:	1800000
Relative Standard Error:	11.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	10.0	2.537309	50.0	262739.0	0.253731	Y
2	IC 860-22460/13	50.0	15.102122	50.0	262675.0	0.302042	Y
3	IC 860-22460/4	100.0	28.514636	50.0	256321.0	0.285146	Y
4	IC 860-22460/5	250.0	77.876289	50.0	289983.0	0.311505	Y
5	ICIS 860-22460/6	500.0	167.731229	50.0	298276.0	0.335462	Y
6	IC 860-22460/10	1000.0	353.428147	50.0	328749.0	0.353428	Y
7	IC 860-22460/8	1500.0	521.929254	50.0	344273.0	0.347953	Y



Calibration / Tetrahydrofuran

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

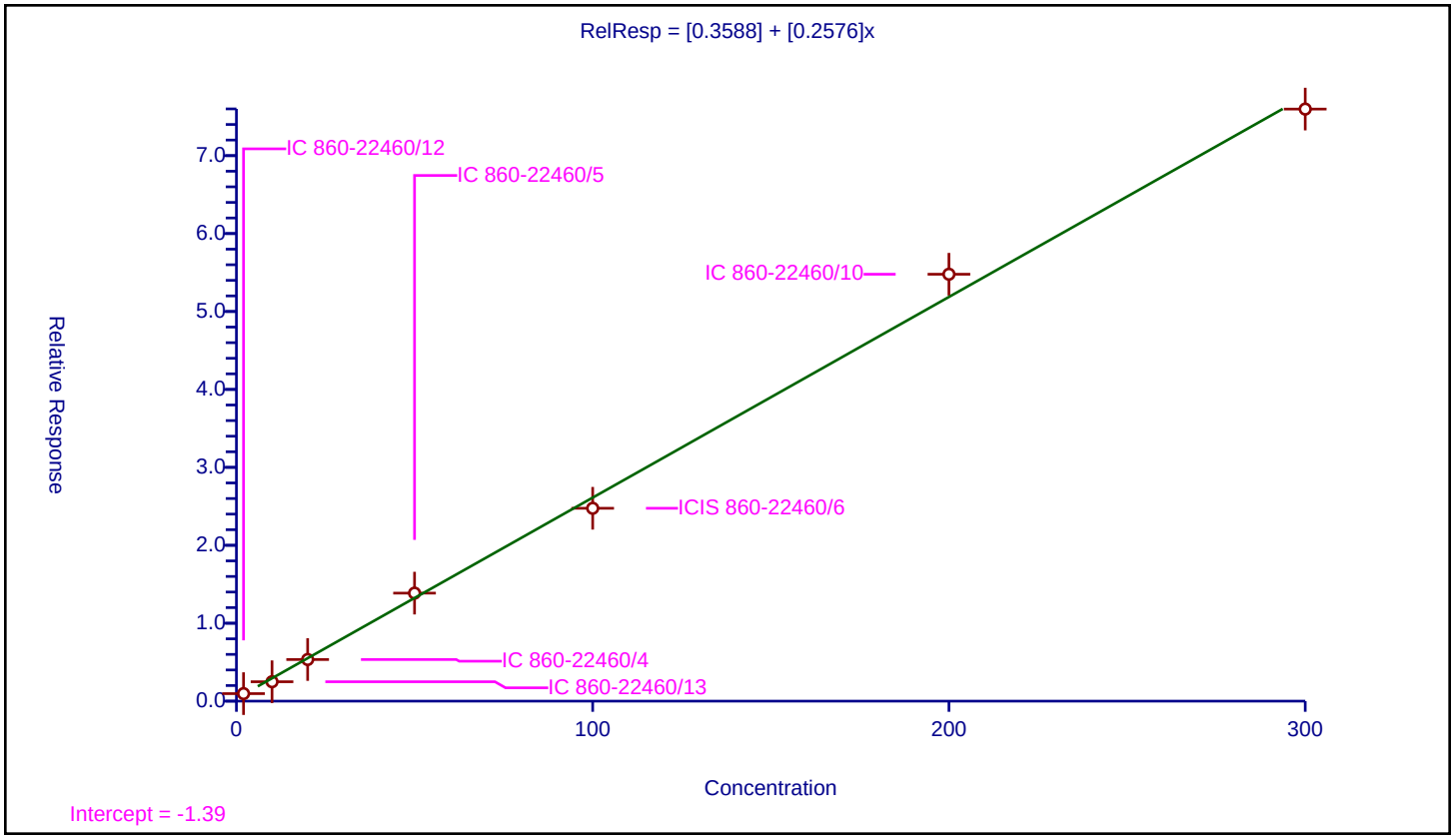
Curve Coefficients

Intercept:	0.3588
Slope:	0.2576

Error Coefficients

Standard Error:	294000
Relative Standard Error:	11.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	2.0	0.963884	50.0	262739.0	0.481942	Y
2	IC 860-22460/13	10.0	2.489578	50.0	262675.0	0.248958	Y
3	IC 860-22460/4	20.0	5.340959	50.0	256321.0	0.267048	Y
4	IC 860-22460/5	50.0	13.862192	50.0	289983.0	0.277244	Y
5	ICIS 860-22460/6	100.0	24.749058	50.0	298276.0	0.247491	Y
6	IC 860-22460/10	200.0	54.783437	50.0	328749.0	0.273917	Y
7	IC 860-22460/8	300.0	75.975461	50.0	344273.0	0.253252	Y



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

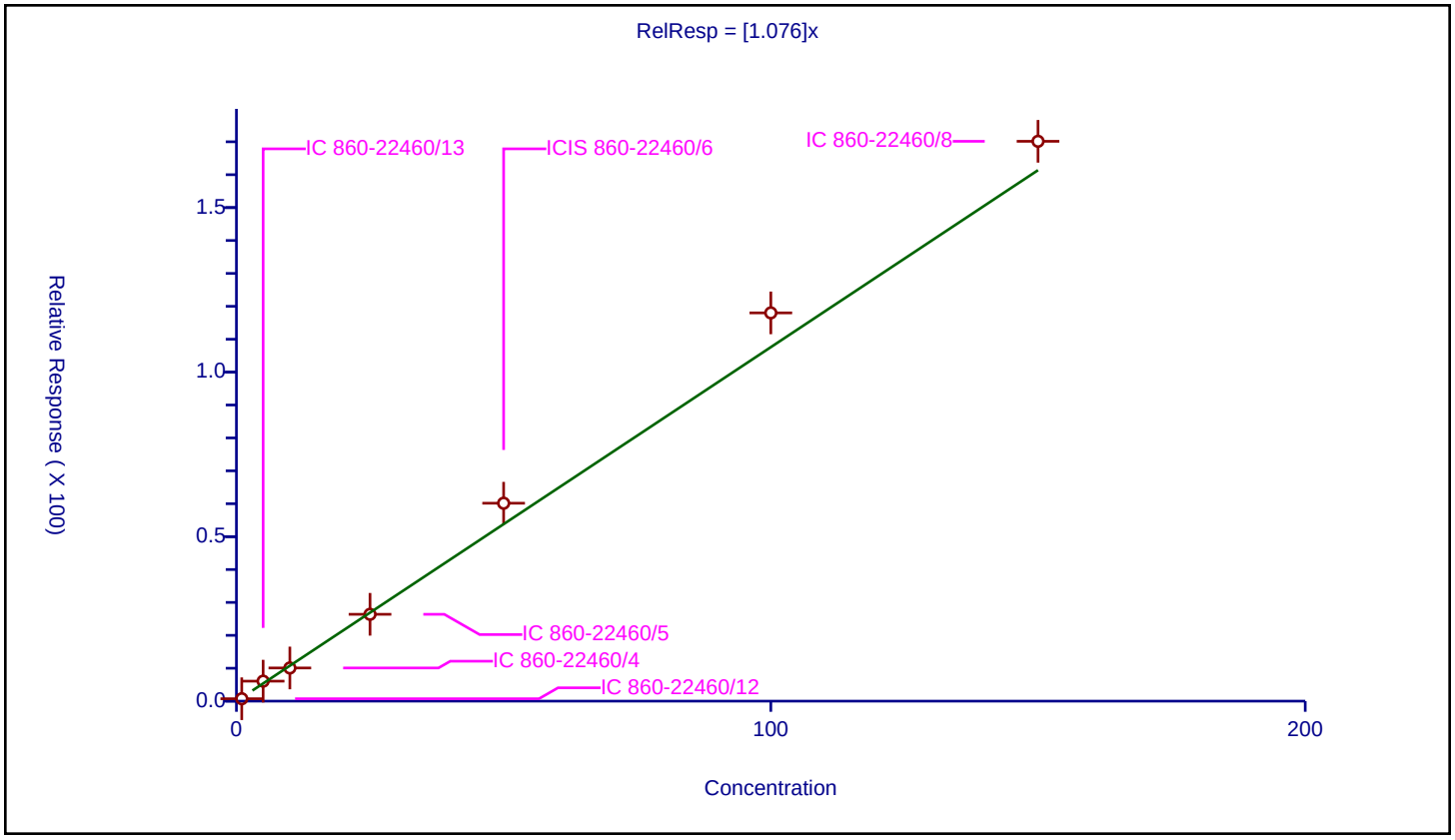
Curve Coefficients

Intercept:	0
Slope:	1.076

Error Coefficients

Standard Error:	596000
Relative Standard Error:	15.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	0.734379	50.0	262739.0	0.734379	Y
2	IC 860-22460/13	5.0	6.074427	50.0	262675.0	1.214885	Y
3	IC 860-22460/4	10.0	10.08345	50.0	256321.0	1.008345	Y
4	IC 860-22460/5	25.0	26.390685	50.0	289983.0	1.055627	Y
5	ICIS 860-22460/6	50.0	60.15955	50.0	298276.0	1.203191	Y
6	IC 860-22460/10	100.0	118.001119	50.0	328749.0	1.180011	Y
7	IC 860-22460/8	150.0	170.152176	50.0	344273.0	1.134348	Y



Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

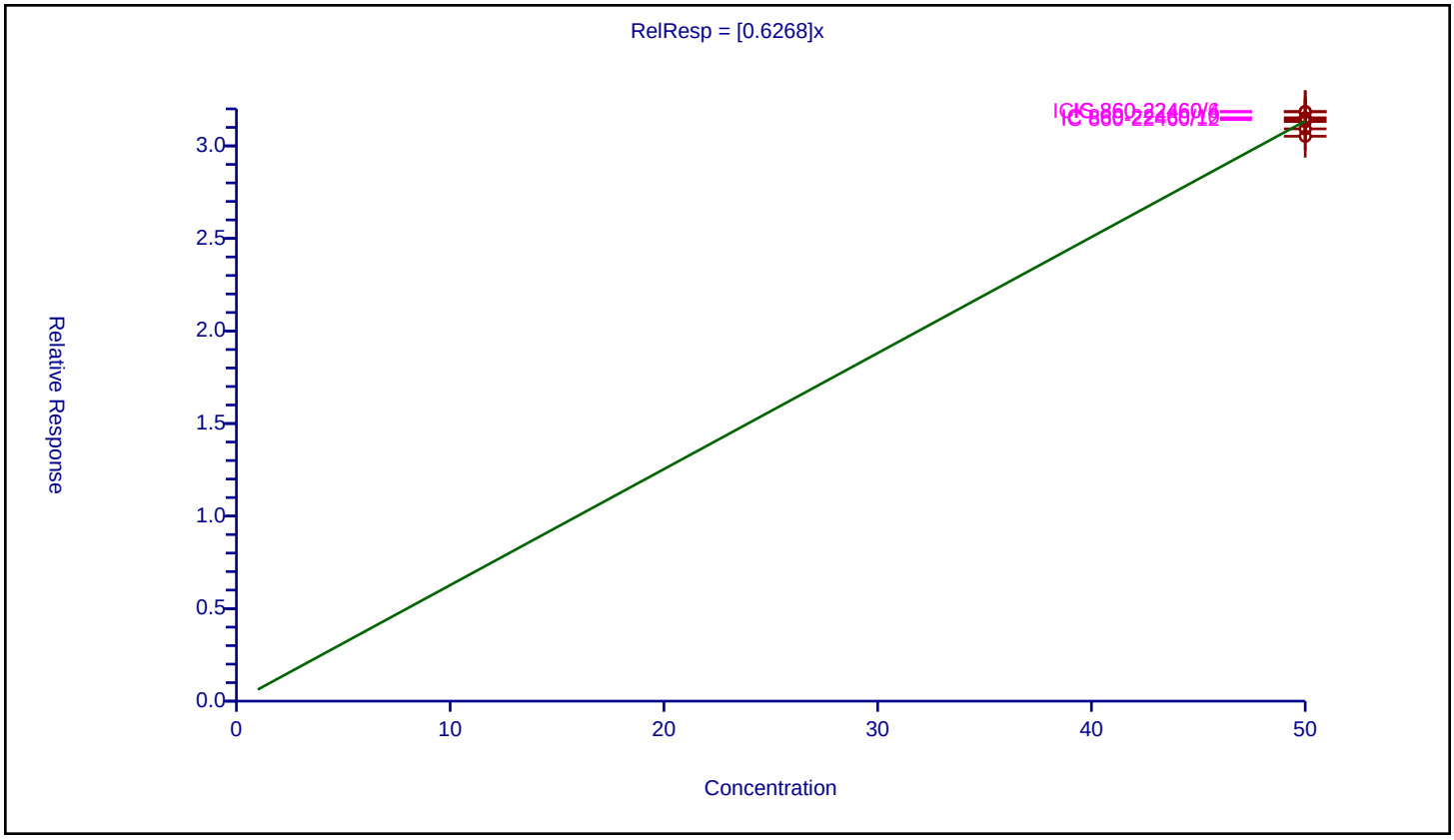
Curve Coefficients

Intercept:	0
Slope:	0.6268

Error Coefficients

Standard Error:	199000
Relative Standard Error:	1.5
Correlation Coefficient:	0.00000000000000000000
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/4	50.0	31.857124	50.0	256321.0	0.637142	Y
2	IC 860-22460/5	50.0	30.5211	50.0	289983.0	0.610422	Y
3	ICIS 860-22460/6	50.0	31.837795	50.0	298276.0	0.636756	Y
4	IC 860-22460/8	50.0	31.315555	50.0	344273.0	0.626311	Y
5	IC 860-22460/10	50.0	31.519183	50.0	328749.0	0.630384	Y
6	IC 860-22460/12	50.0	31.419393	50.0	262739.0	0.628388	Y
7	IC 860-22460/13	50.0	30.920148	50.0	262675.0	0.618403	Y



Calibration / 1,1,1-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

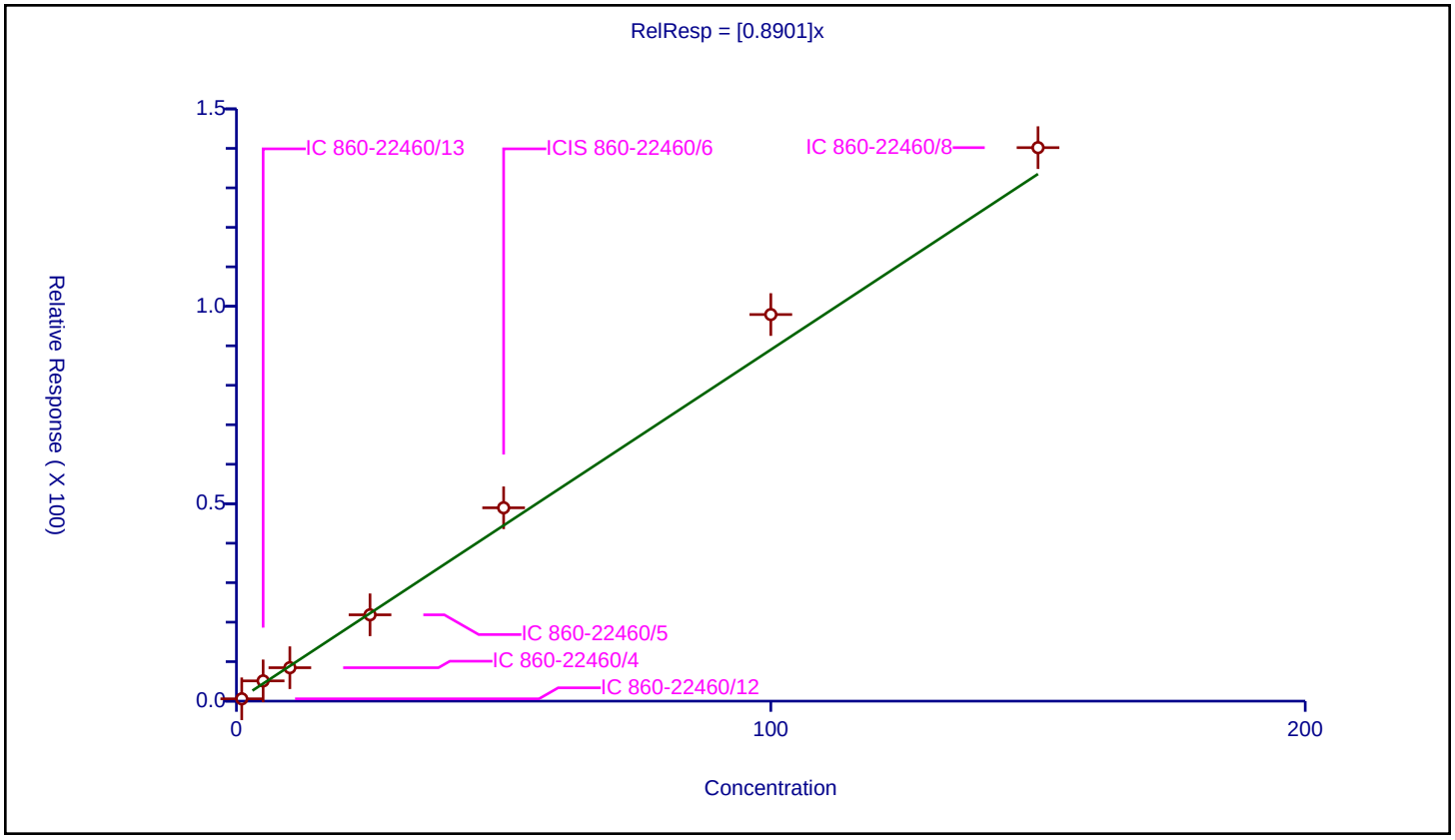
Curve Coefficients

Intercept:	0
Slope:	0.8901

Error Coefficients

Standard Error:	492000
Relative Standard Error:	16.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.973

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	0.589558	50.0	262739.0	0.589558	Y
2	IC 860-22460/13	5.0	5.132388	50.0	262675.0	1.026478	Y
3	IC 860-22460/4	10.0	8.471409	50.0	256321.0	0.847141	Y
4	IC 860-22460/5	25.0	21.863006	50.0	289983.0	0.87452	Y
5	ICIS 860-22460/6	50.0	48.969914	50.0	298276.0	0.979398	Y
6	IC 860-22460/10	100.0	97.91391	50.0	328749.0	0.979139	Y
7	IC 860-22460/8	150.0	140.183081	50.0	344273.0	0.934554	Y



Calibration / Cyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

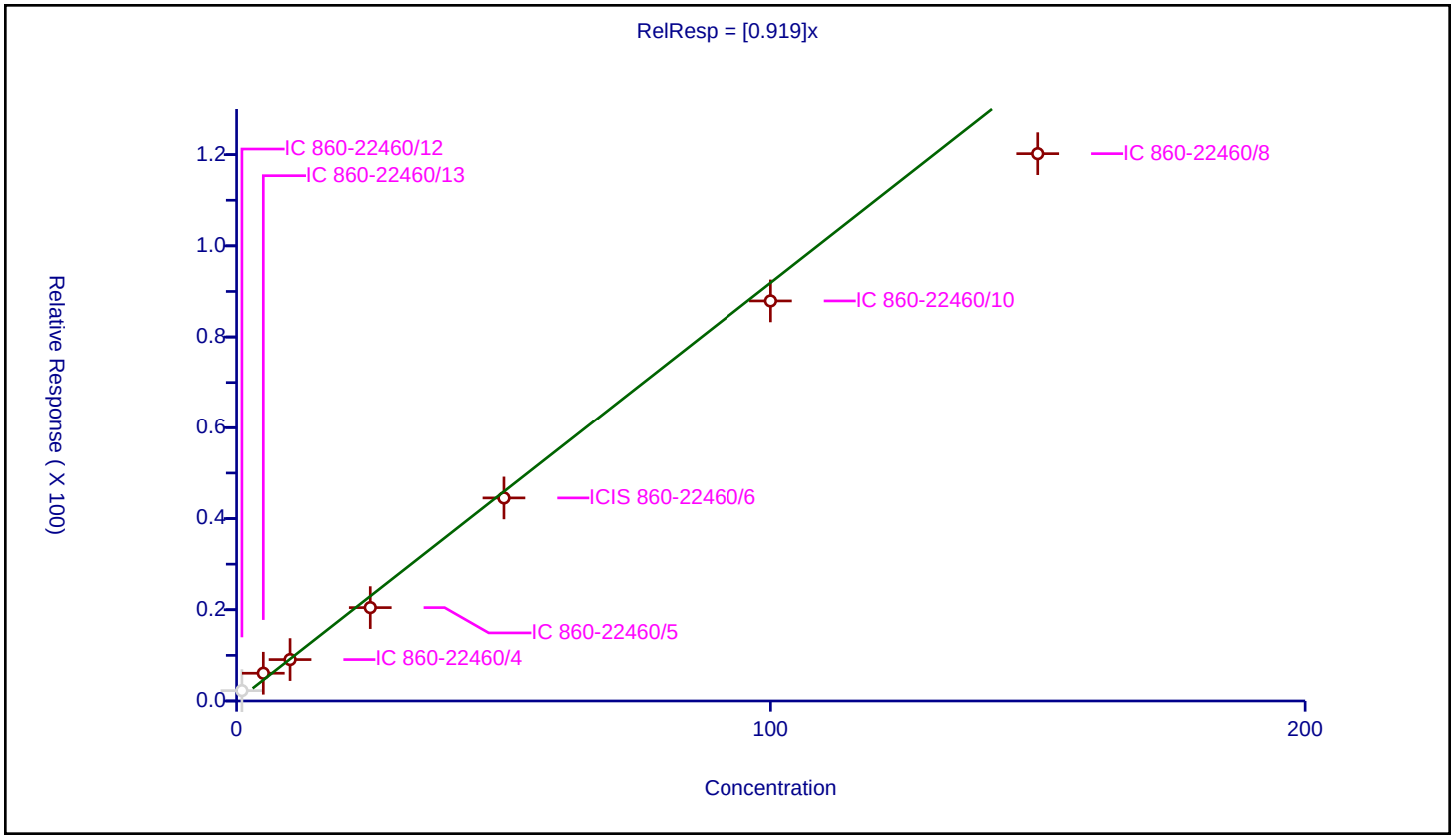
Curve Coefficients

Intercept:	0
Slope:	0.919

Error Coefficients

Standard Error:	470000
Relative Standard Error:	16.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.946

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	2.271456	50.0	262739.0	2.271456	N
2	IC 860-22460/13	5.0	6.083563	50.0	262675.0	1.216713	Y
3	IC 860-22460/4	10.0	9.074364	50.0	256321.0	0.907436	Y
4	IC 860-22460/5	25.0	20.472235	50.0	289983.0	0.818889	Y
5	ICIS 860-22460/6	50.0	44.525708	50.0	298276.0	0.890514	Y
6	IC 860-22460/10	100.0	87.92194	50.0	328749.0	0.879219	Y
7	IC 860-22460/8	150.0	120.216224	50.0	344273.0	0.801441	Y



Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

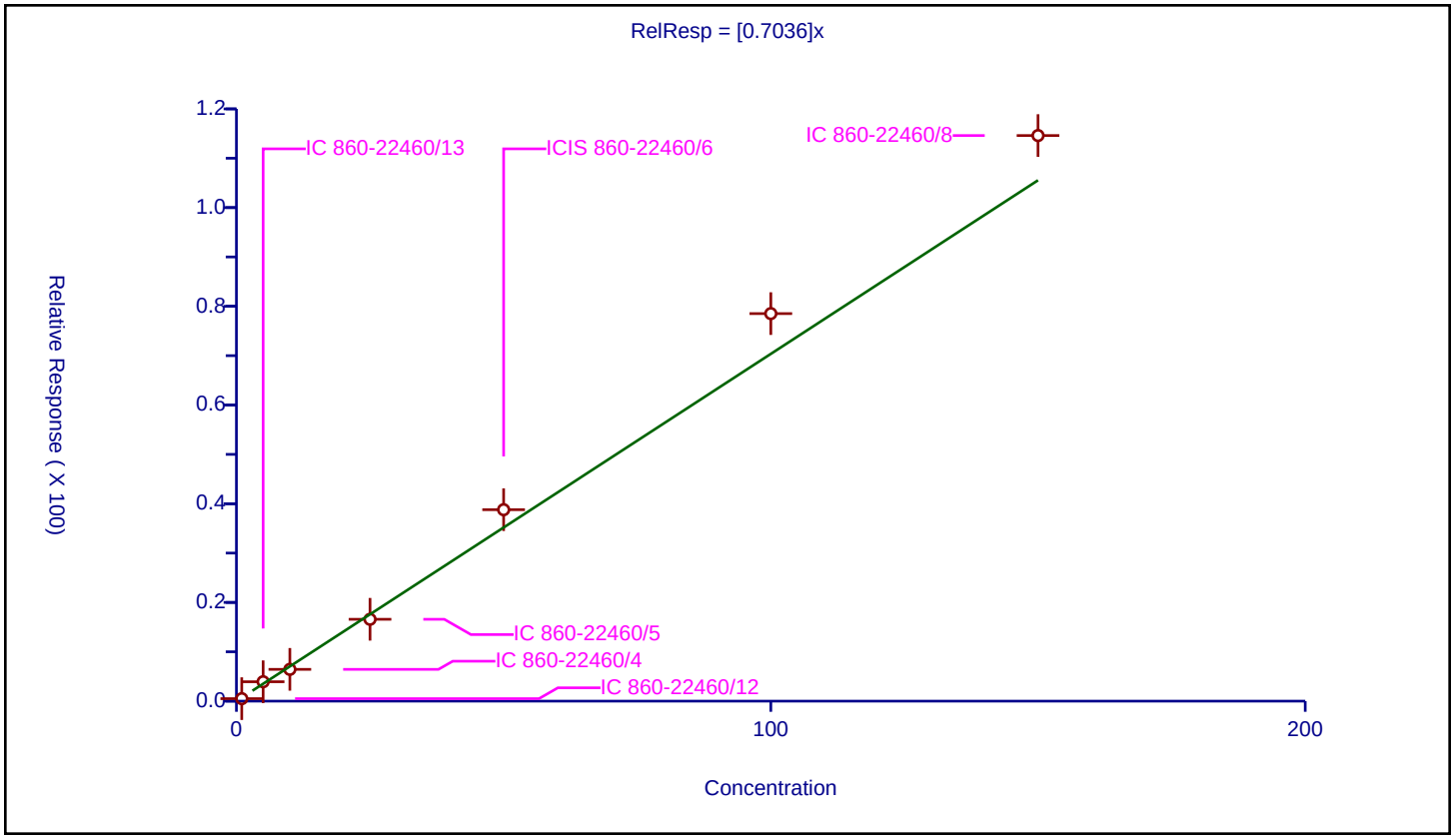
Curve Coefficients

Intercept:	0
Slope:	0.7036

Error Coefficients

Standard Error:	399000
Relative Standard Error:	15.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	0.506396	50.0	262739.0	0.506396	Y
2	IC 860-22460/13	5.0	3.932426	50.0	262675.0	0.786485	Y
3	IC 860-22460/4	10.0	6.438606	50.0	256321.0	0.643861	Y
4	IC 860-22460/5	25.0	16.585455	50.0	289983.0	0.663418	Y
5	ICIS 860-22460/6	50.0	38.790248	50.0	298276.0	0.775805	Y
6	IC 860-22460/10	100.0	78.52176	50.0	328749.0	0.785218	Y
7	IC 860-22460/8	150.0	114.595829	50.0	344273.0	0.763972	Y



Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

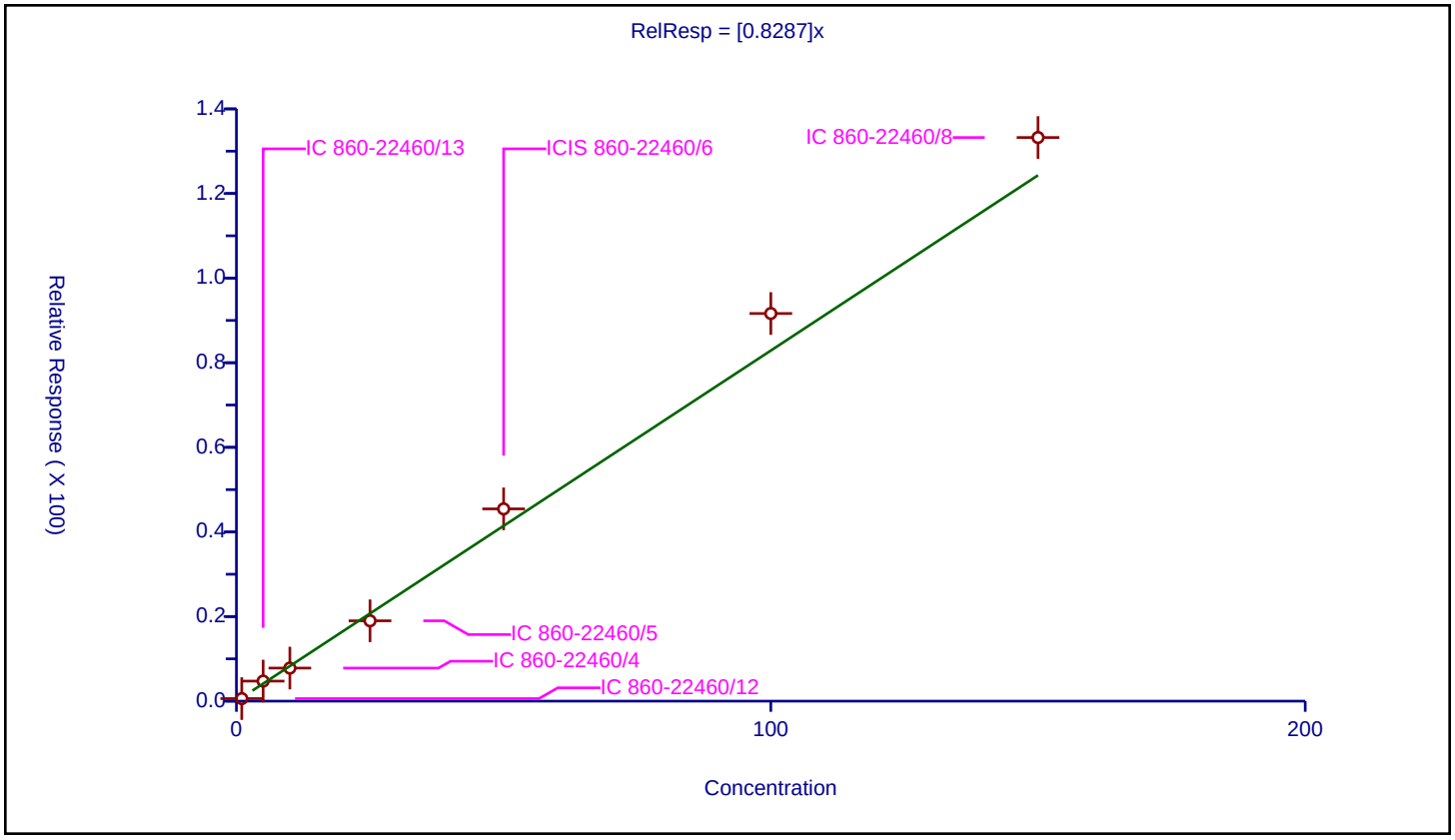
Curve Coefficients

Intercept:	0
Slope:	0.8287

Error Coefficients

Standard Error:	464000
Relative Standard Error:	14.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	0.598883	50.0	262739.0	0.598883	Y
2	IC 860-22460/13	5.0	4.737032	50.0	262675.0	0.947406	Y
3	IC 860-22460/4	10.0	7.814615	50.0	256321.0	0.781462	Y
4	IC 860-22460/5	25.0	18.993355	50.0	289983.0	0.759734	Y
5	ICIS 860-22460/6	50.0	45.444655	50.0	298276.0	0.908893	Y
6	IC 860-22460/10	100.0	91.631914	50.0	328749.0	0.916319	Y
7	IC 860-22460/8	150.0	133.234671	50.0	344273.0	0.888231	Y



Calibration / Isobutyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

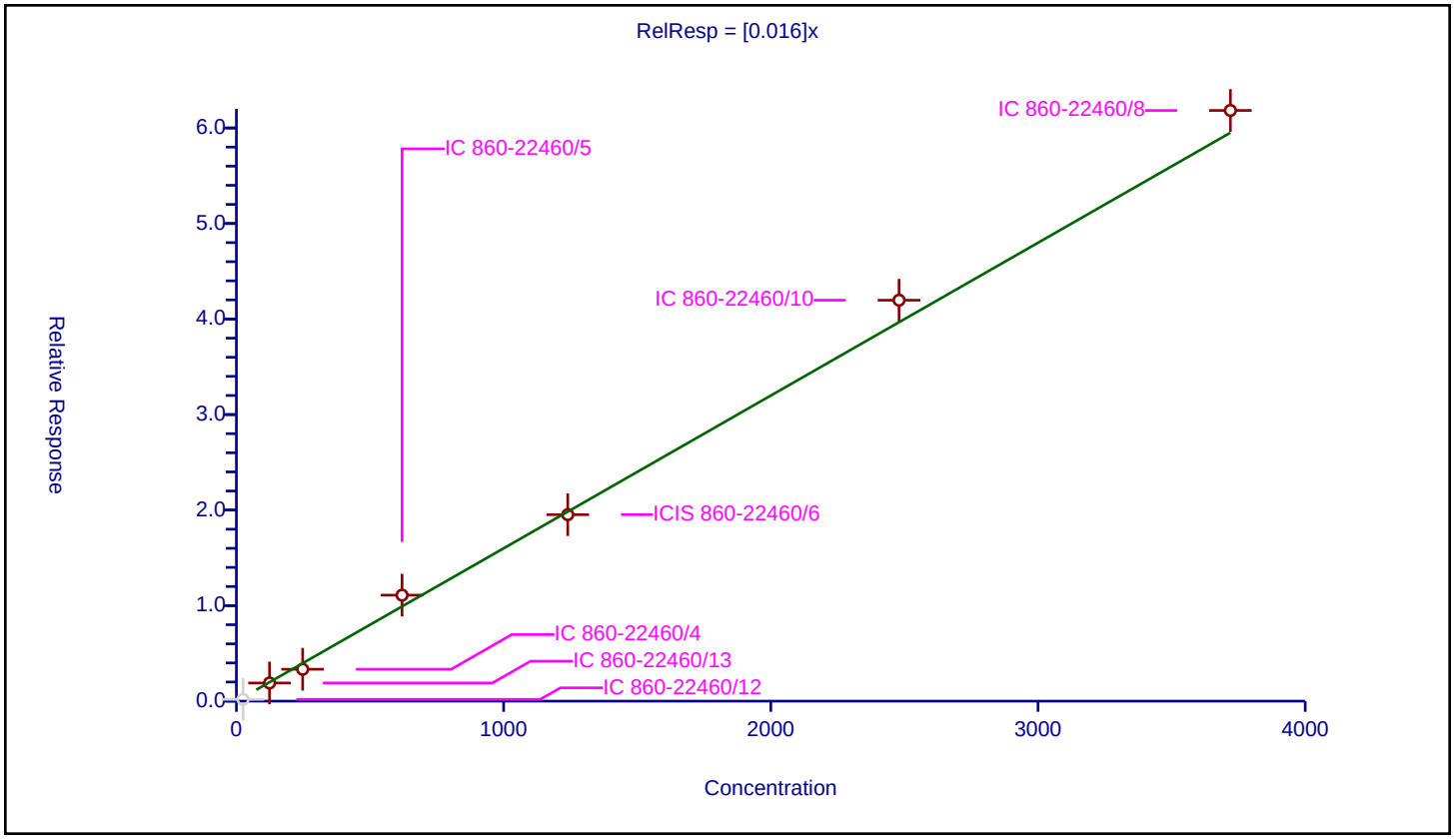
Curve Coefficients

Intercept:	0
Slope:	0.016

Error Coefficients

Standard Error:	397000
Relative Standard Error:	9.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	24.8	0.185049	50.0	473928.0	0.007462	N
2	IC 860-22460/13	124.0	1.899872	50.0	464584.0	0.015322	Y
3	IC 860-22460/4	248.0	3.339404	50.0	467853.0	0.013465	Y
4	IC 860-22460/5	620.0	11.094901	50.0	498319.0	0.017895	Y
5	ICIS 860-22460/6	1240.0	19.52175	50.0	525980.0	0.015743	Y
6	IC 860-22460/10	2480.0	41.973155	50.0	556383.0	0.016925	Y
7	IC 860-22460/8	3720.0	61.836641	50.0	579569.0	0.016623	Y



Calibration / 1,2-Dichloroethane-d4 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

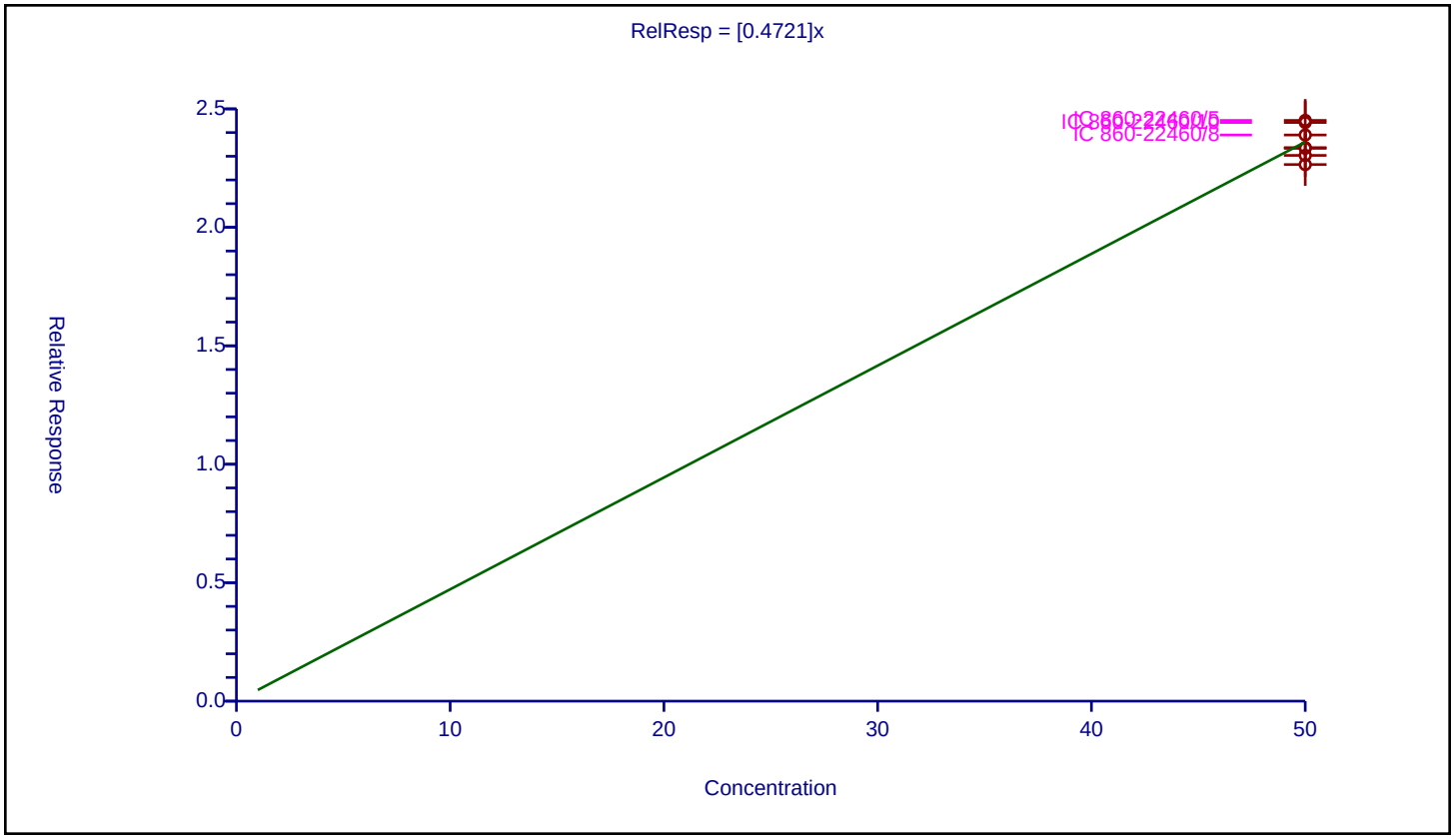
Curve Coefficients

Intercept:	0
Slope:	0.4721

Error Coefficients

Standard Error:	261000
Relative Standard Error:	3.0
Correlation Coefficient:	0.00000000000000000000
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/4	50.0	23.037044	50.0	467853.0	0.460741	Y
2	IC 860-22460/5	50.0	24.512912	50.0	498319.0	0.490258	Y
3	ICIS 860-22460/6	50.0	23.336153	50.0	525980.0	0.466723	Y
4	IC 860-22460/8	50.0	23.897931	50.0	579569.0	0.477959	Y
5	IC 860-22460/10	50.0	24.425351	50.0	556383.0	0.488507	Y
6	IC 860-22460/12	50.0	22.65017	50.0	473928.0	0.453003	Y
7	IC 860-22460/13	50.0	23.363913	50.0	464584.0	0.467278	Y



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

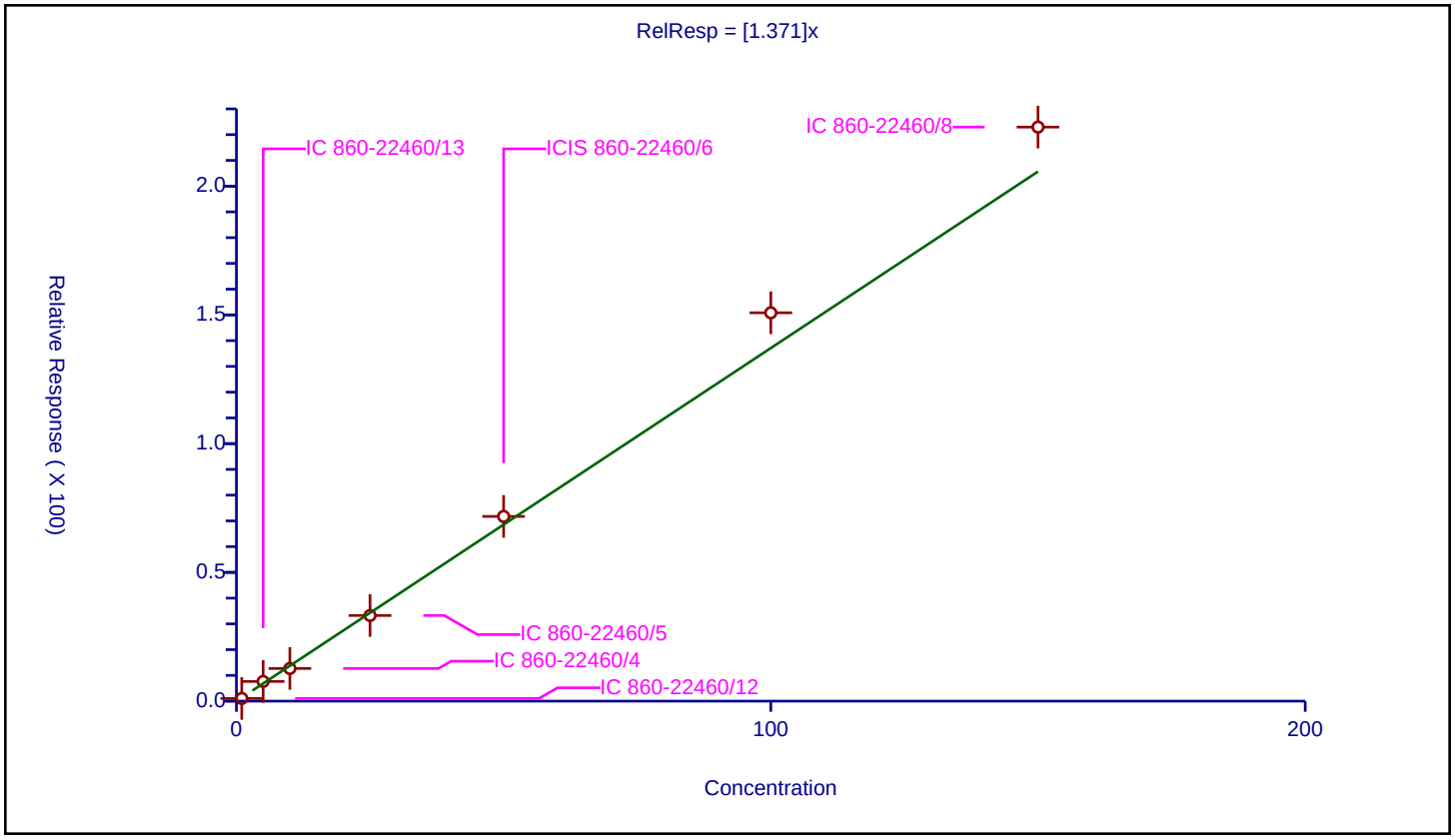
Curve Coefficients

Intercept:	0
Slope:	1.371

Error Coefficients

Standard Error:	1300000
Relative Standard Error:	12.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	1.039504	50.0	473928.0	1.039504	Y
2	IC 860-22460/13	5.0	7.651361	50.0	464584.0	1.530272	Y
3	IC 860-22460/4	10.0	12.68625	50.0	467853.0	1.268625	Y
4	IC 860-22460/5	25.0	33.25711	50.0	498319.0	1.330284	Y
5	ICIS 860-22460/6	50.0	71.740656	50.0	525980.0	1.434813	Y
6	IC 860-22460/10	100.0	150.818501	50.0	556383.0	1.508185	Y
7	IC 860-22460/8	150.0	222.933939	50.0	579569.0	1.486226	Y



Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

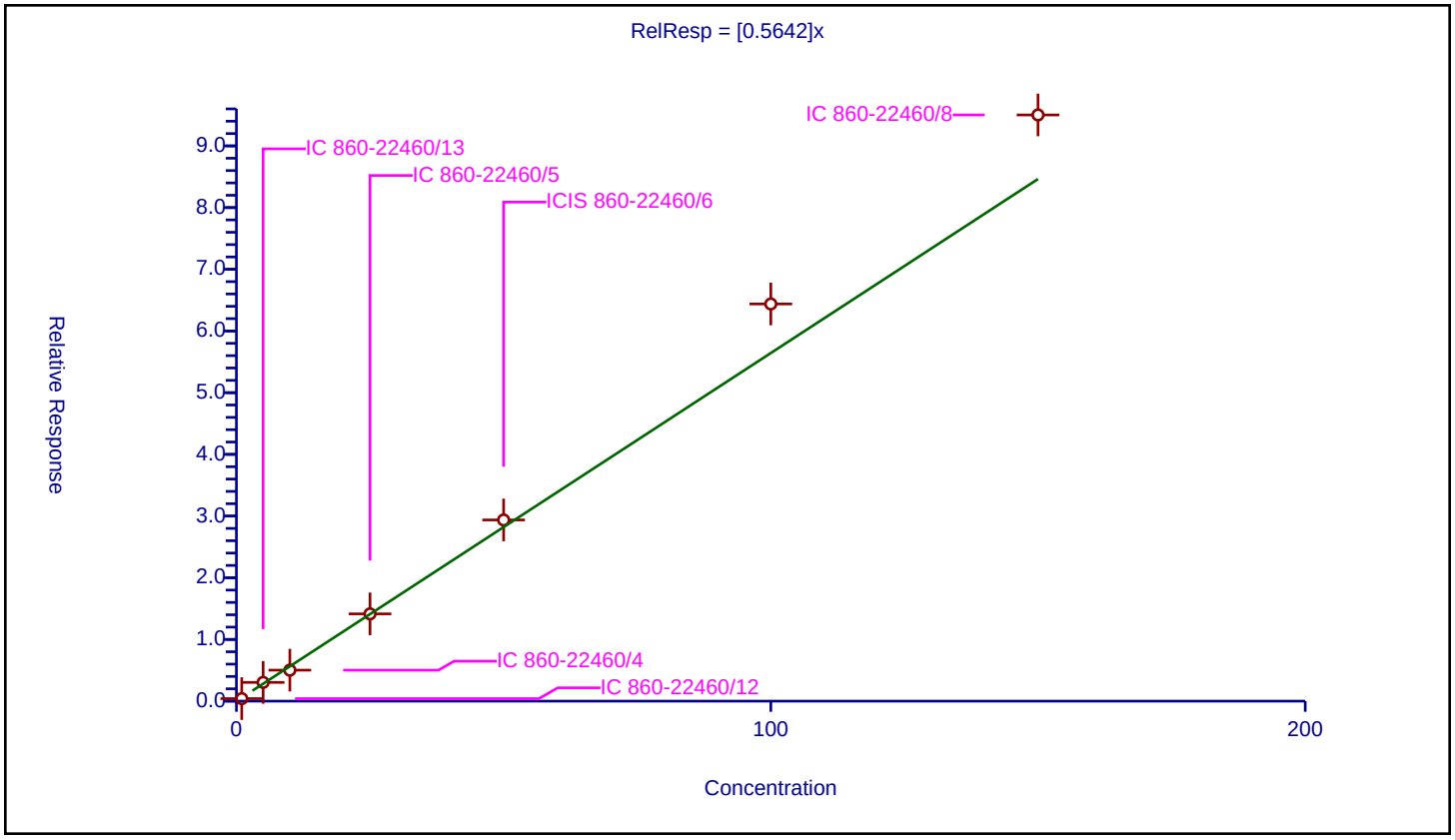
Curve Coefficients

Intercept:	0
Slope:	0.5642

Error Coefficients

Standard Error:	554000
Relative Standard Error:	14.7
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	0.408817	50.0	473928.0	0.408817	Y
2	IC 860-22460/13	5.0	3.038632	50.0	464584.0	0.607726	Y
3	IC 860-22460/4	10.0	5.025083	50.0	467853.0	0.502508	Y
4	IC 860-22460/5	25.0	14.147062	50.0	498319.0	0.565882	Y
5	ICIS 860-22460/6	50.0	29.368607	50.0	525980.0	0.587372	Y
6	IC 860-22460/10	100.0	64.379843	50.0	556383.0	0.643798	Y
7	IC 860-22460/8	150.0	95.015175	50.0	579569.0	0.633435	Y



Calibration / Isooctane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

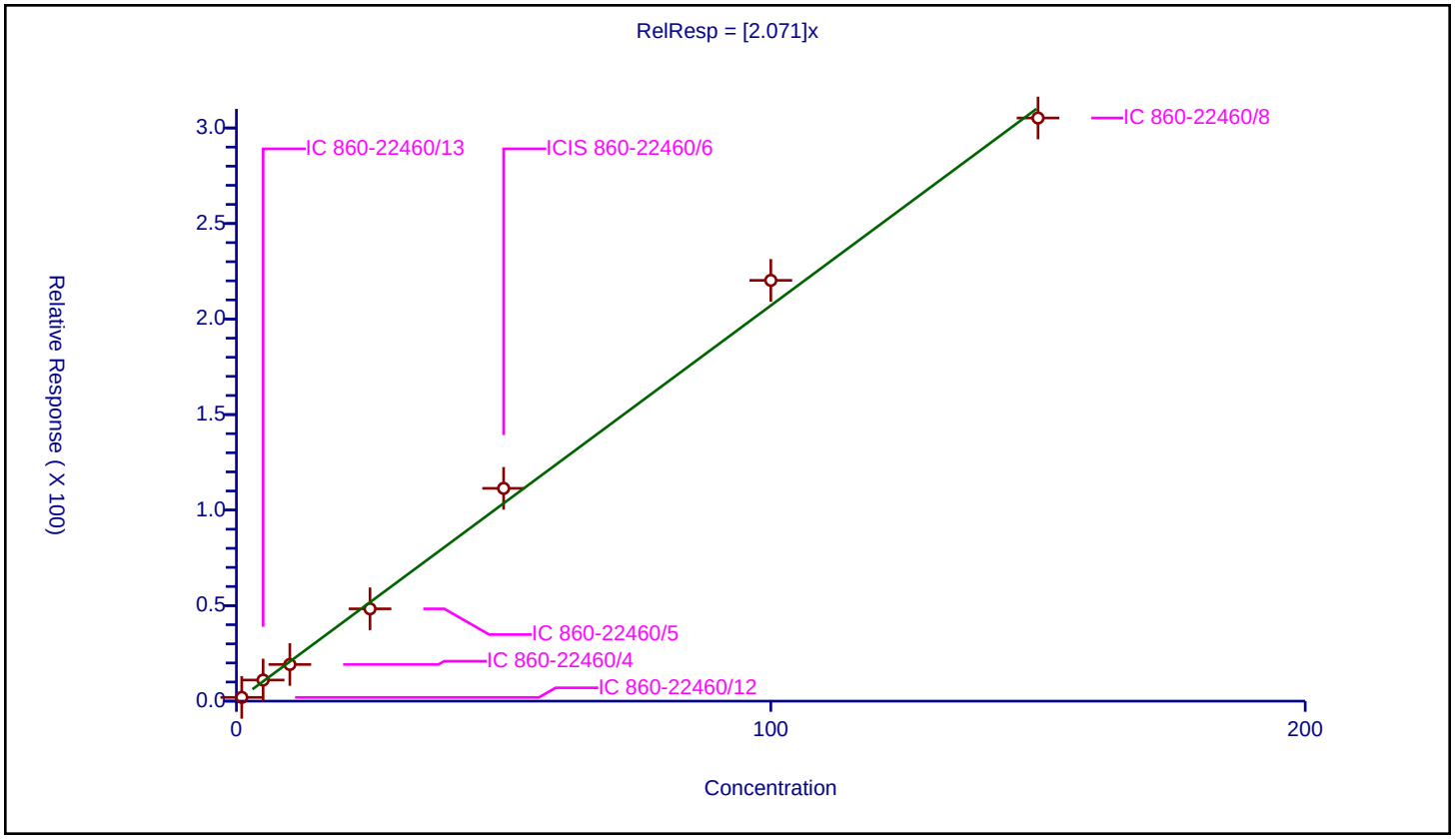
Curve Coefficients

Intercept:	0
Slope:	2.071

Error Coefficients

Standard Error:	1080000
Relative Standard Error:	6.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	1.965068	50.0	262739.0	1.965068	Y
2	IC 860-22460/13	5.0	11.054725	50.0	262675.0	2.210945	Y
3	IC 860-22460/4	10.0	19.208531	50.0	256321.0	1.920853	Y
4	IC 860-22460/5	25.0	48.327143	50.0	289983.0	1.933086	Y
5	ICIS 860-22460/6	50.0	111.378891	50.0	298276.0	2.227578	Y
6	IC 860-22460/10	100.0	220.24067	50.0	328749.0	2.202407	Y
7	IC 860-22460/8	150.0	305.235525	50.0	344273.0	2.034904	Y



Calibration / Tert-amyl methyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

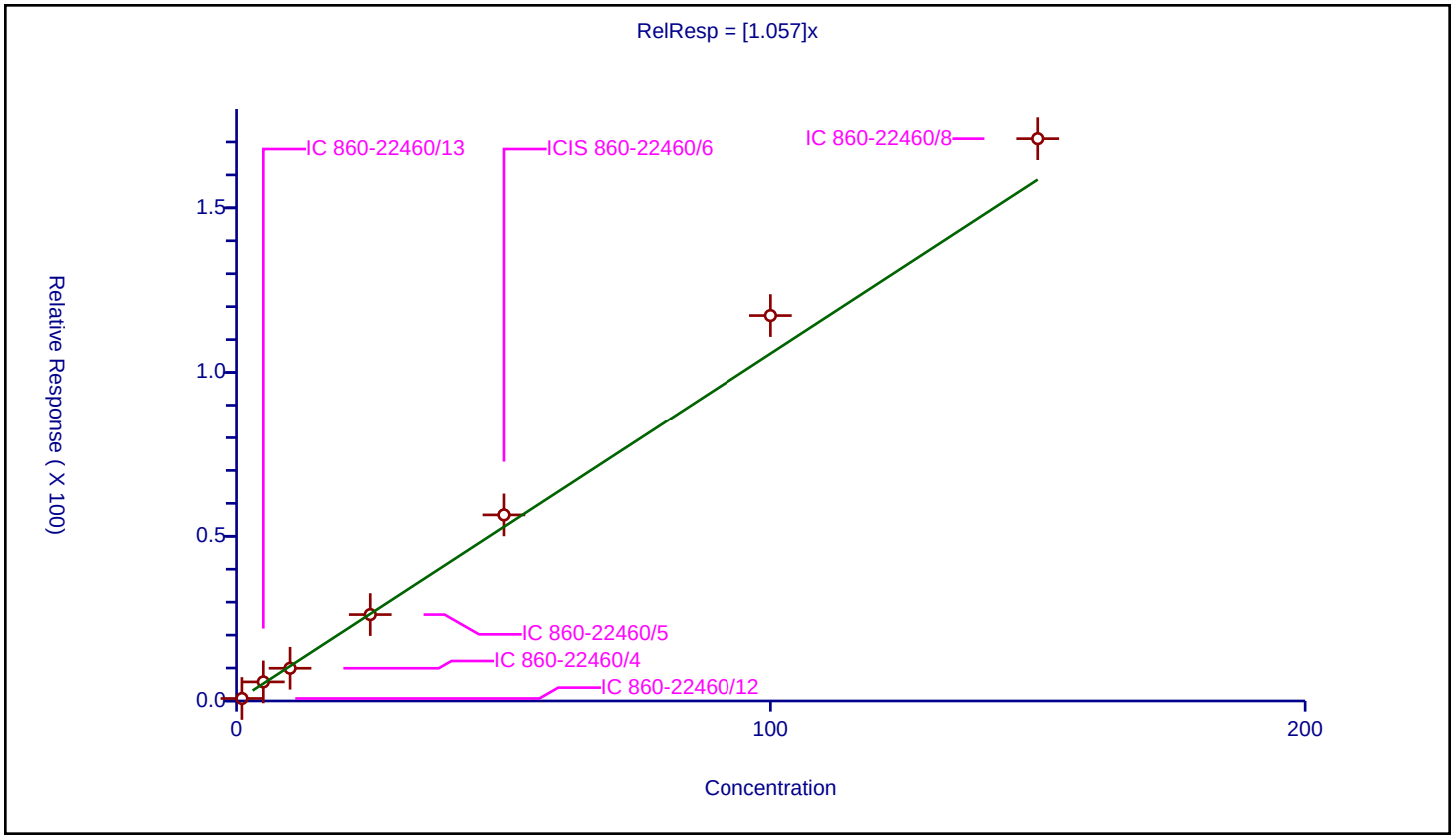
Curve Coefficients

Intercept:	0
Slope:	1.057

Error Coefficients

Standard Error:	1010000
Relative Standard Error:	13.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	0.757499	50.0	473928.0	0.757499	Y
2	IC 860-22460/13	5.0	5.788189	50.0	464584.0	1.157638	Y
3	IC 860-22460/4	10.0	9.936348	50.0	467853.0	0.993635	Y
4	IC 860-22460/5	25.0	26.233698	50.0	498319.0	1.049348	Y
5	ICIS 860-22460/6	50.0	56.487224	50.0	525980.0	1.129744	Y
6	IC 860-22460/10	100.0	117.298965	50.0	556383.0	1.17299	Y
7	IC 860-22460/8	150.0	171.00837	50.0	579569.0	1.140056	Y



Calibration / n-Butanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

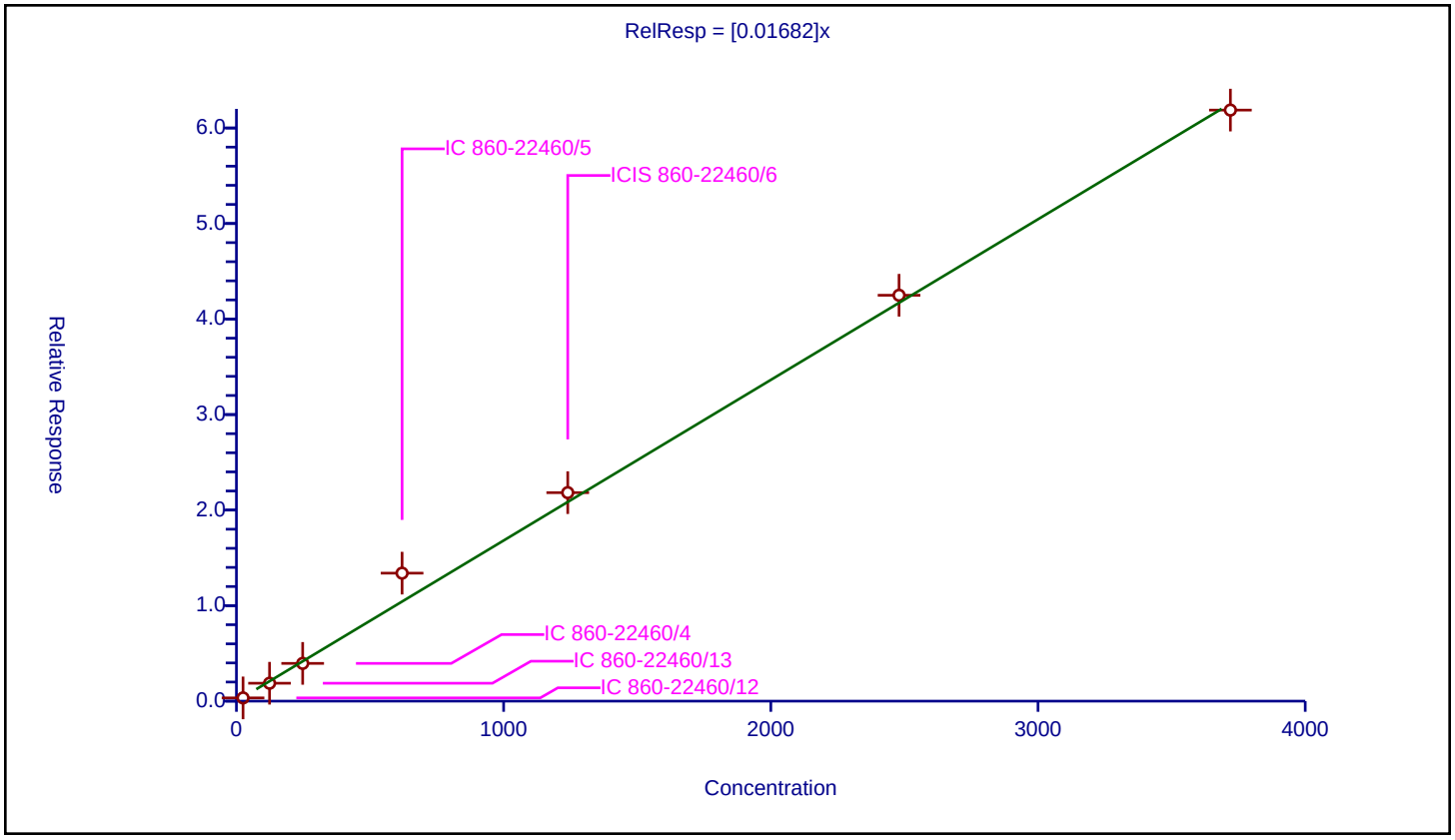
Curve Coefficients

Intercept:	0
Slope:	0.01682

Error Coefficients

Standard Error:	187000
Relative Standard Error:	14.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	24.8	0.338965	50.0	209166.0	0.013668	Y
2	IC 860-22460/13	124.0	1.875067	50.0	195433.0	0.015122	Y
3	IC 860-22460/4	248.0	3.952241	50.0	221950.0	0.015936	Y
4	IC 860-22460/5	620.0	13.398553	50.0	203772.0	0.021611	Y
5	ICIS 860-22460/6	1240.0	21.826717	50.0	257533.0	0.017602	Y
6	IC 860-22460/10	2480.0	42.490323	50.0	281843.0	0.017133	Y
7	IC 860-22460/8	3720.0	61.875365	50.0	298294.0	0.016633	Y



Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

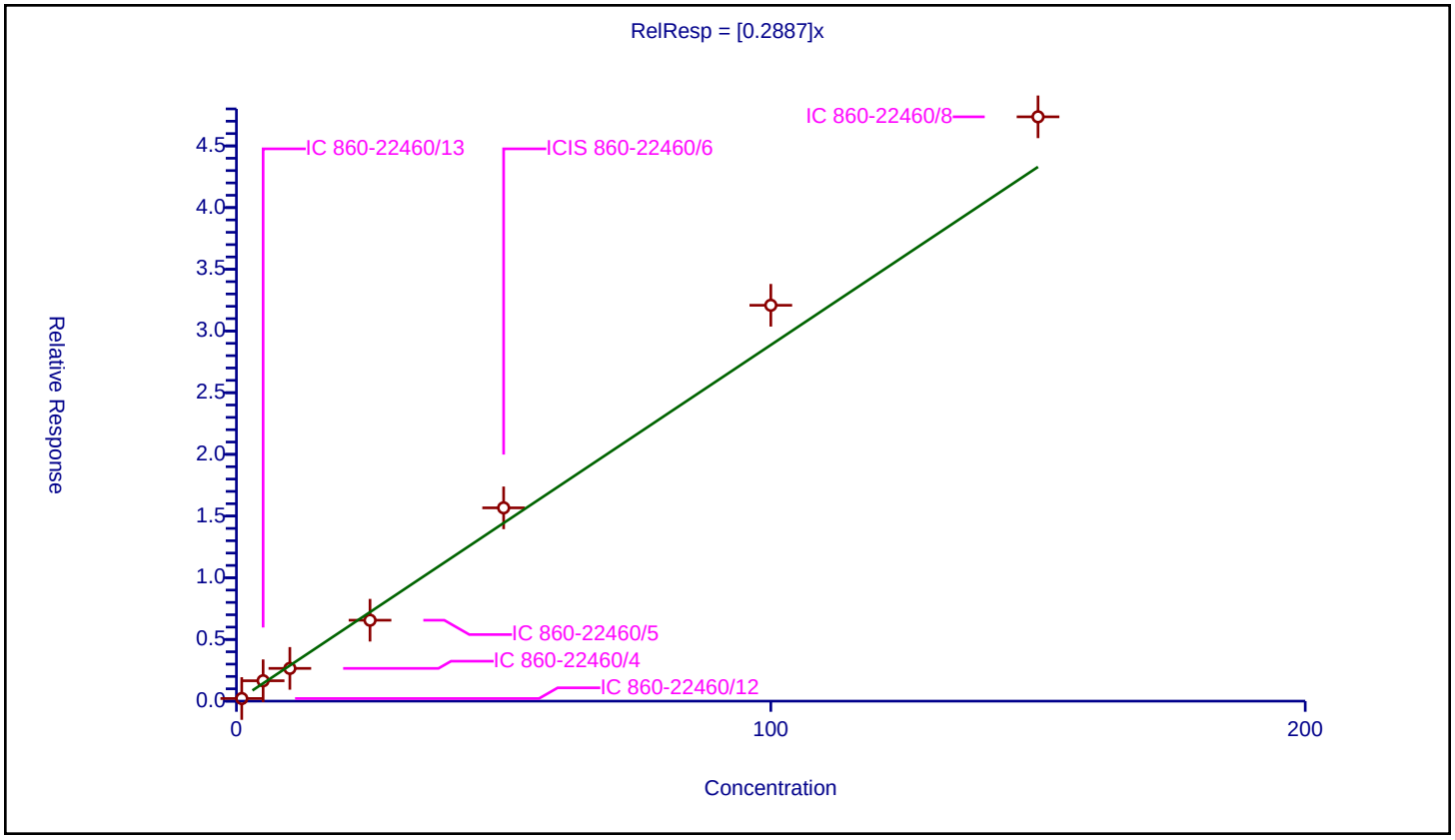
Curve Coefficients

Intercept:	0
Slope:	0.2887

Error Coefficients

Standard Error:	277000
Relative Standard Error:	14.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	0.21248	50.0	473928.0	0.21248	Y
2	IC 860-22460/13	5.0	1.652661	50.0	464584.0	0.330532	Y
3	IC 860-22460/4	10.0	2.655001	50.0	467853.0	0.2655	Y
4	IC 860-22460/5	25.0	6.557847	50.0	498319.0	0.262314	Y
5	ICIS 860-22460/6	50.0	15.666755	50.0	525980.0	0.313335	Y
6	IC 860-22460/10	100.0	32.084014	50.0	556383.0	0.32084	Y
7	IC 860-22460/8	150.0	47.356225	50.0	579569.0	0.315708	Y



Calibration / Methylcyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

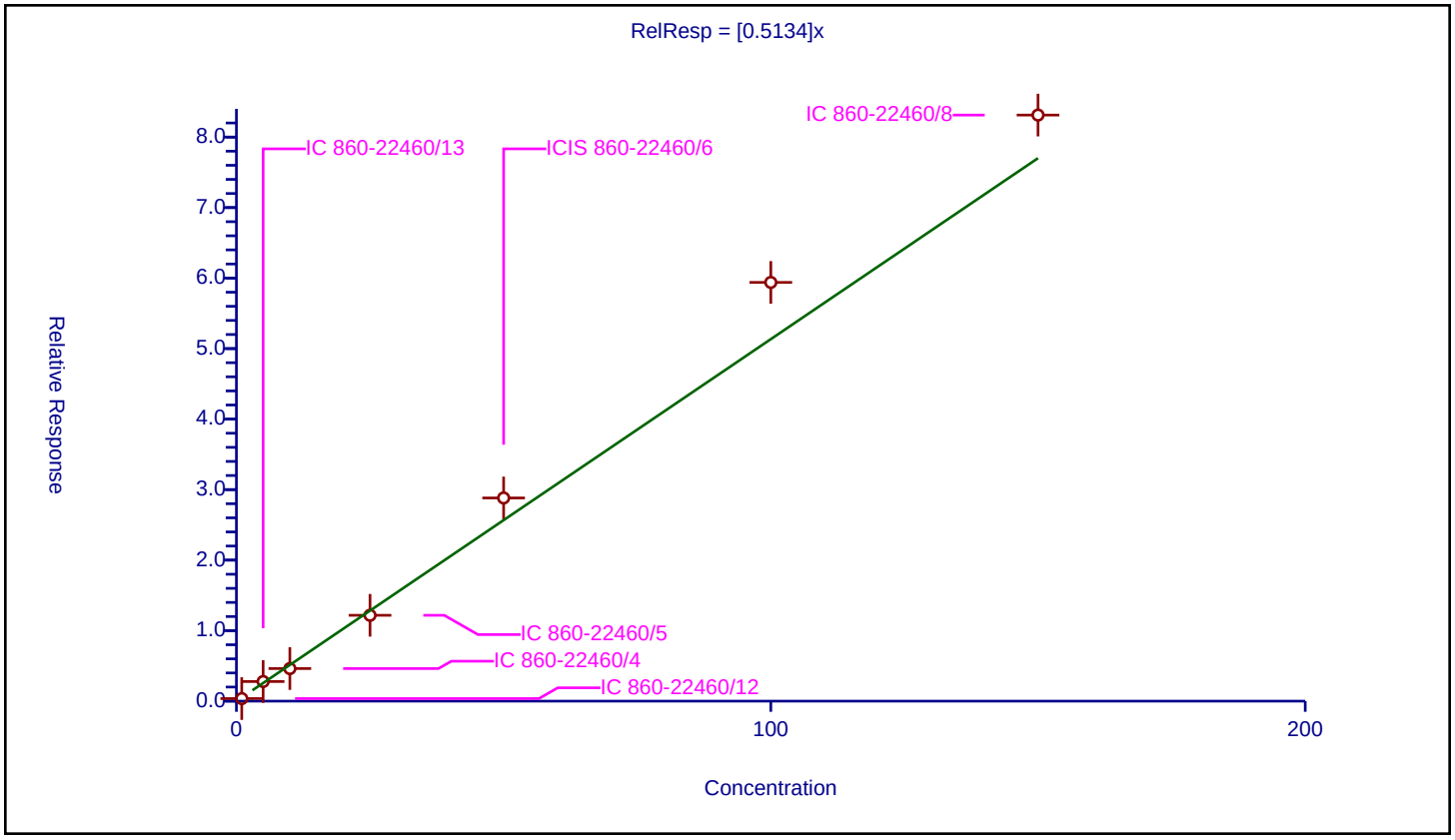
Curve Coefficients

Intercept:	0
Slope:	0.5134

Error Coefficients

Standard Error:	496000
Relative Standard Error:	15.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	0.36419	50.0	473928.0	0.36419	Y
2	IC 860-22460/13	5.0	2.780552	50.0	464584.0	0.55611	Y
3	IC 860-22460/4	10.0	4.620362	50.0	467853.0	0.462036	Y
4	IC 860-22460/5	25.0	12.177942	50.0	498319.0	0.487118	Y
5	ICIS 860-22460/6	50.0	28.818491	50.0	525980.0	0.57637	Y
6	IC 860-22460/10	100.0	59.389216	50.0	556383.0	0.593892	Y
7	IC 860-22460/8	150.0	83.124011	50.0	579569.0	0.55416	Y



Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

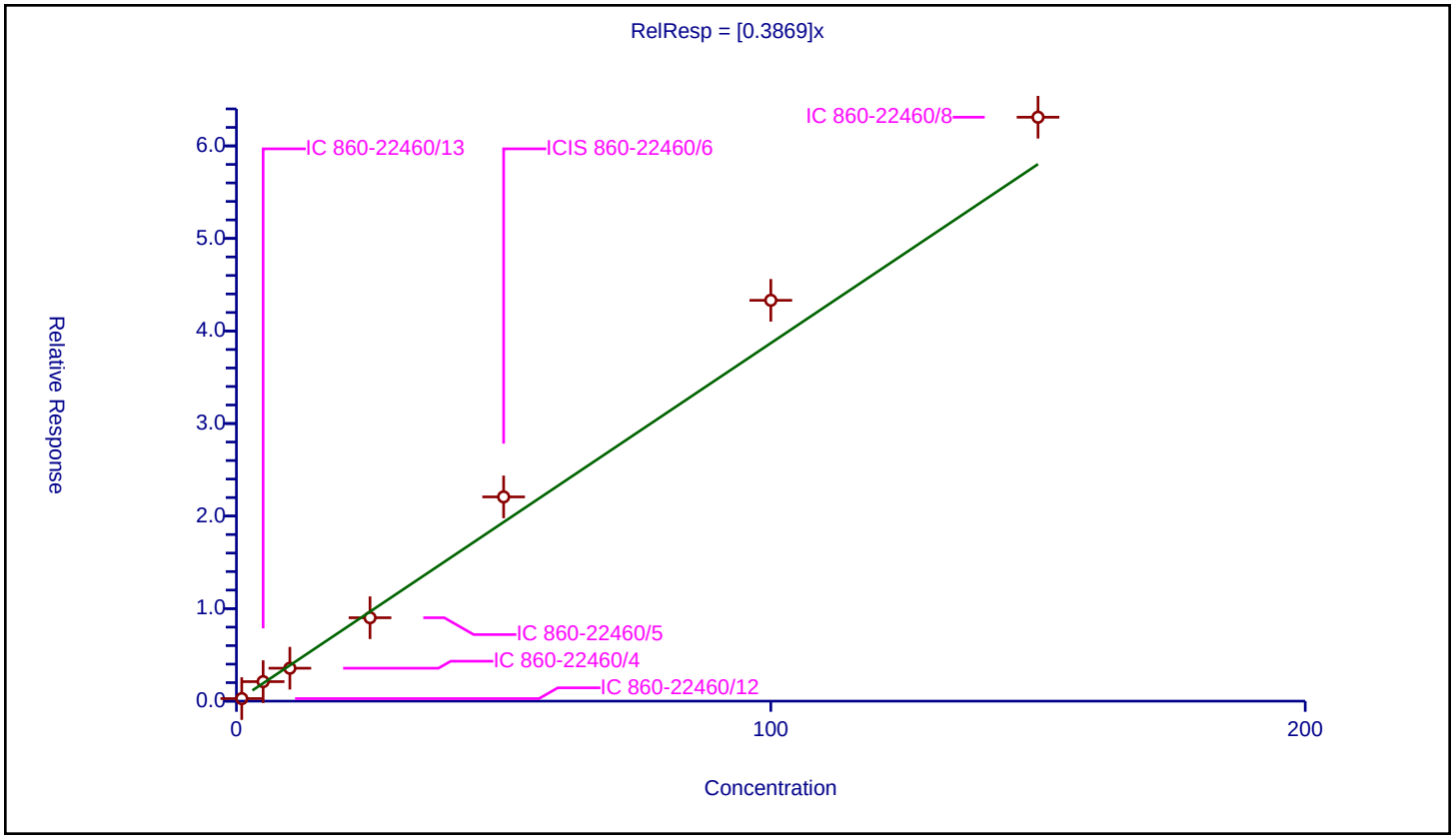
Curve Coefficients

Intercept:	0
Slope:	0.3869

Error Coefficients

Standard Error:	372000
Relative Standard Error:	15.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	0.274725	50.0	473928.0	0.274725	Y
2	IC 860-22460/13	5.0	2.108445	50.0	464584.0	0.421689	Y
3	IC 860-22460/4	10.0	3.558276	50.0	467853.0	0.355828	Y
4	IC 860-22460/5	25.0	9.014306	50.0	498319.0	0.360572	Y
5	ICIS 860-22460/6	50.0	22.071372	50.0	525980.0	0.441427	Y
6	IC 860-22460/10	100.0	43.315576	50.0	556383.0	0.433156	Y
7	IC 860-22460/8	150.0	63.098613	50.0	579569.0	0.420657	Y



Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

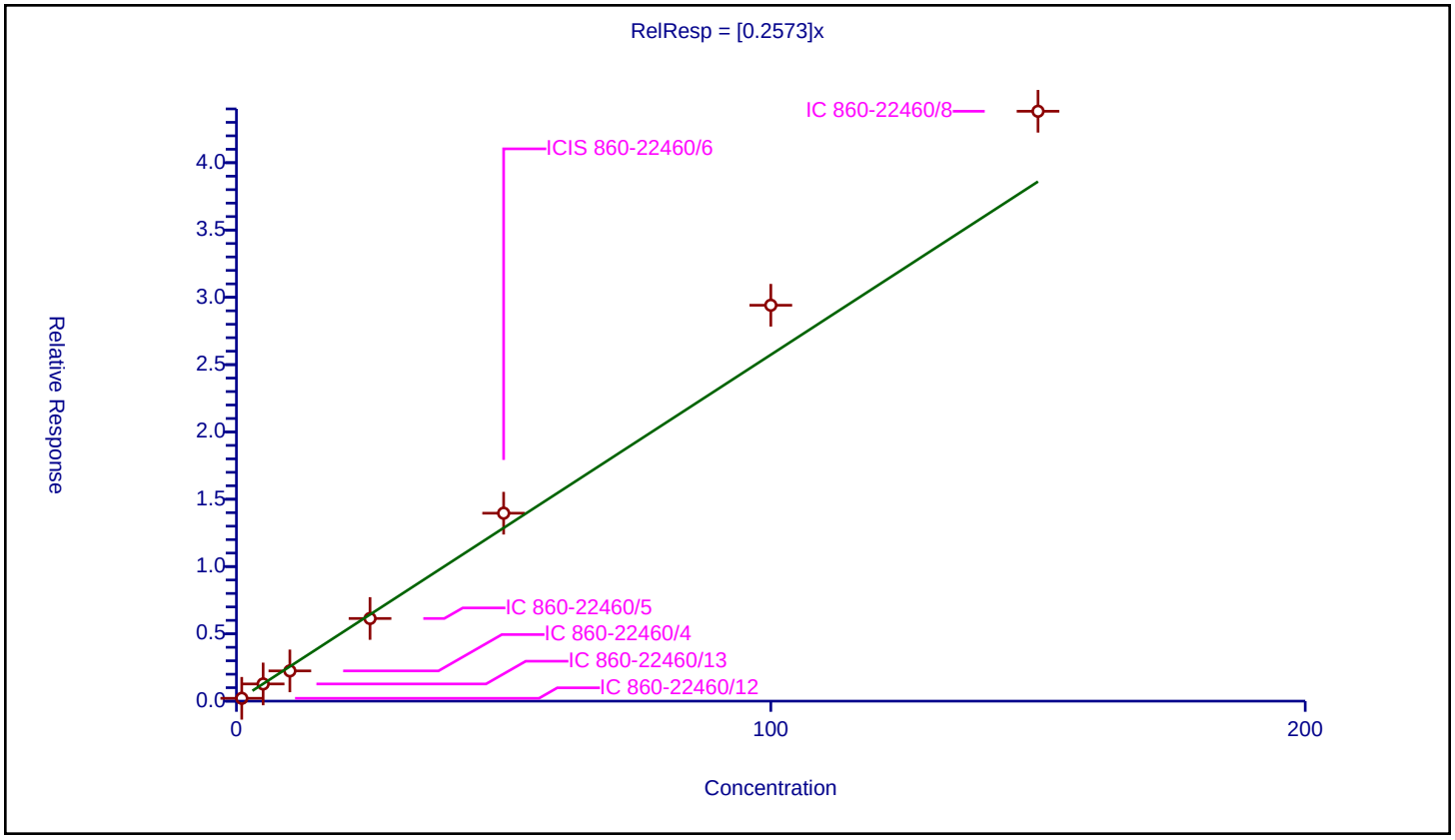
Curve Coefficients

Intercept:	0
Slope:	0.2573

Error Coefficients

Standard Error:	255000
Relative Standard Error:	12.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	0.209842	50.0	473928.0	0.209842	Y
2	IC 860-22460/13	5.0	1.278133	50.0	464584.0	0.255627	Y
3	IC 860-22460/4	10.0	2.247715	50.0	467853.0	0.224771	Y
4	IC 860-22460/5	25.0	6.140545	50.0	498319.0	0.245622	Y
5	ICIS 860-22460/6	50.0	13.963364	50.0	525980.0	0.279267	Y
6	IC 860-22460/10	100.0	29.412743	50.0	556383.0	0.294127	Y
7	IC 860-22460/8	150.0	43.823255	50.0	579569.0	0.292155	Y



Calibration / Methyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

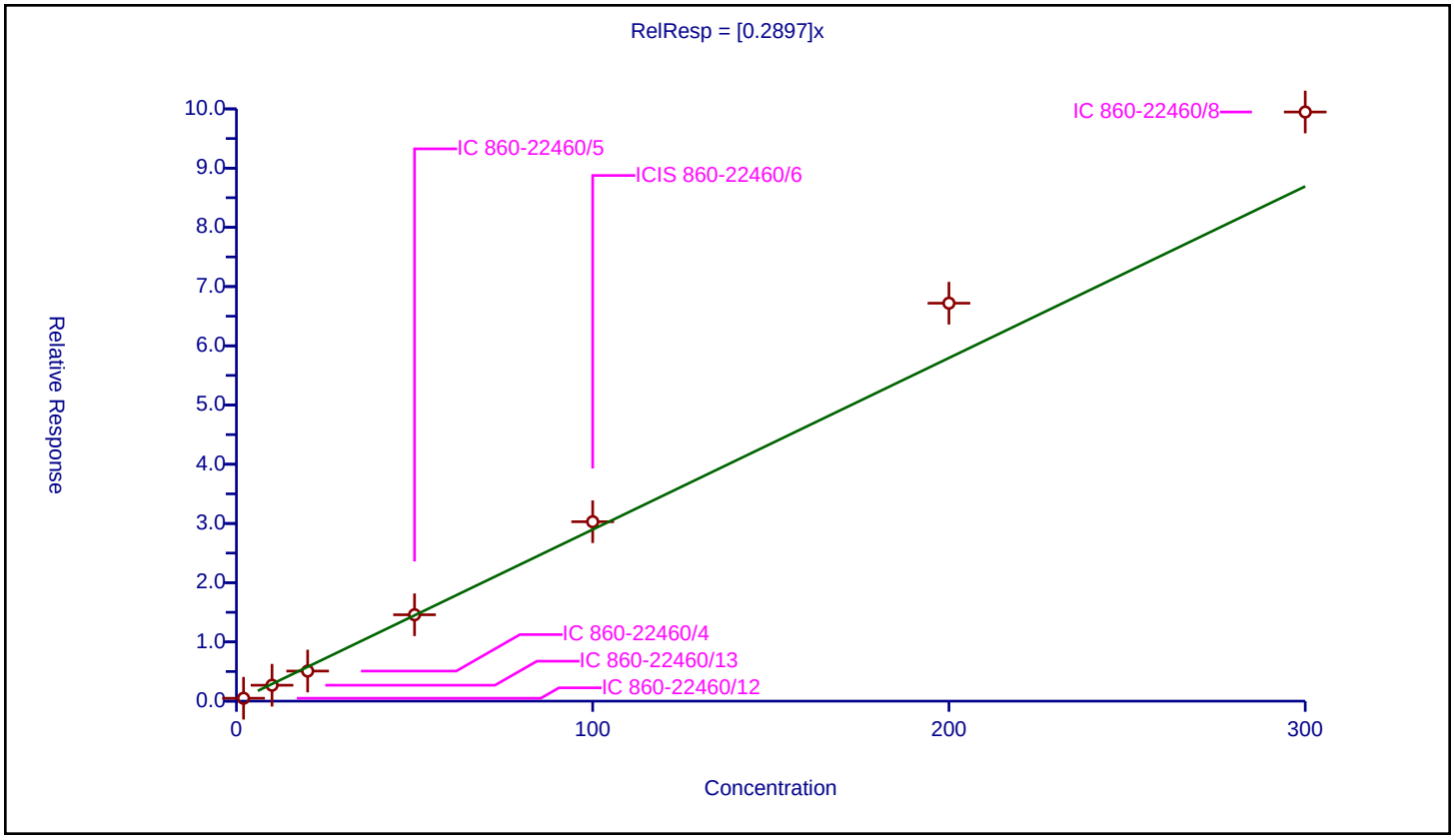
Curve Coefficients

Intercept:	0
Slope:	0.2897

Error Coefficients

Standard Error:	579000
Relative Standard Error:	12.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	2.0	0.486466	50.0	473928.0	0.243233	Y
2	IC 860-22460/13	10.0	2.685951	50.0	464584.0	0.268595	Y
3	IC 860-22460/4	20.0	5.080121	50.0	467853.0	0.254006	Y
4	IC 860-22460/5	50.0	14.587945	50.0	498319.0	0.291759	Y
5	ICIS 860-22460/6	100.0	30.293547	50.0	525980.0	0.302935	Y
6	IC 860-22460/10	200.0	67.194091	50.0	556383.0	0.33597	Y
7	IC 860-22460/8	300.0	99.475559	50.0	579569.0	0.331585	Y



Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

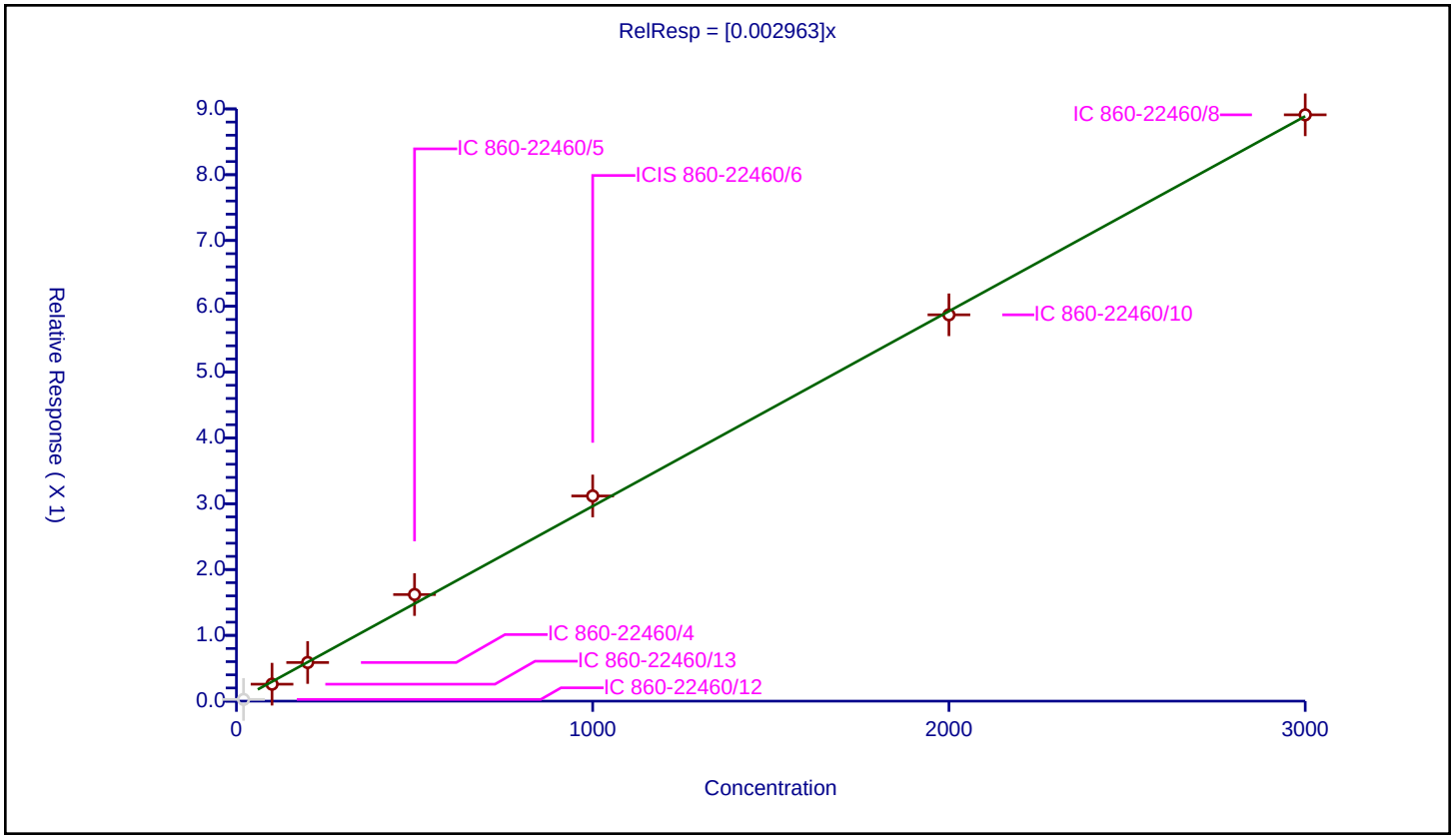
Curve Coefficients

Intercept:	0
Slope:	0.002963

Error Coefficients

Standard Error:	57100
Relative Standard Error:	7.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	20.0	0.025953	50.0	473928.0	0.001298	N
2	IC 860-22460/13	100.0	0.25765	50.0	464584.0	0.002576	Y
3	IC 860-22460/4	200.0	0.587257	50.0	467853.0	0.002936	Y
4	IC 860-22460/5	500.0	1.620047	50.0	498319.0	0.00324	Y
5	ICIS 860-22460/6	1000.0	3.118084	50.0	525980.0	0.003118	Y
6	IC 860-22460/10	2000.0	5.870956	50.0	556383.0	0.002935	Y
7	IC 860-22460/8	3000.0	8.910328	50.0	579569.0	0.00297	Y



Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

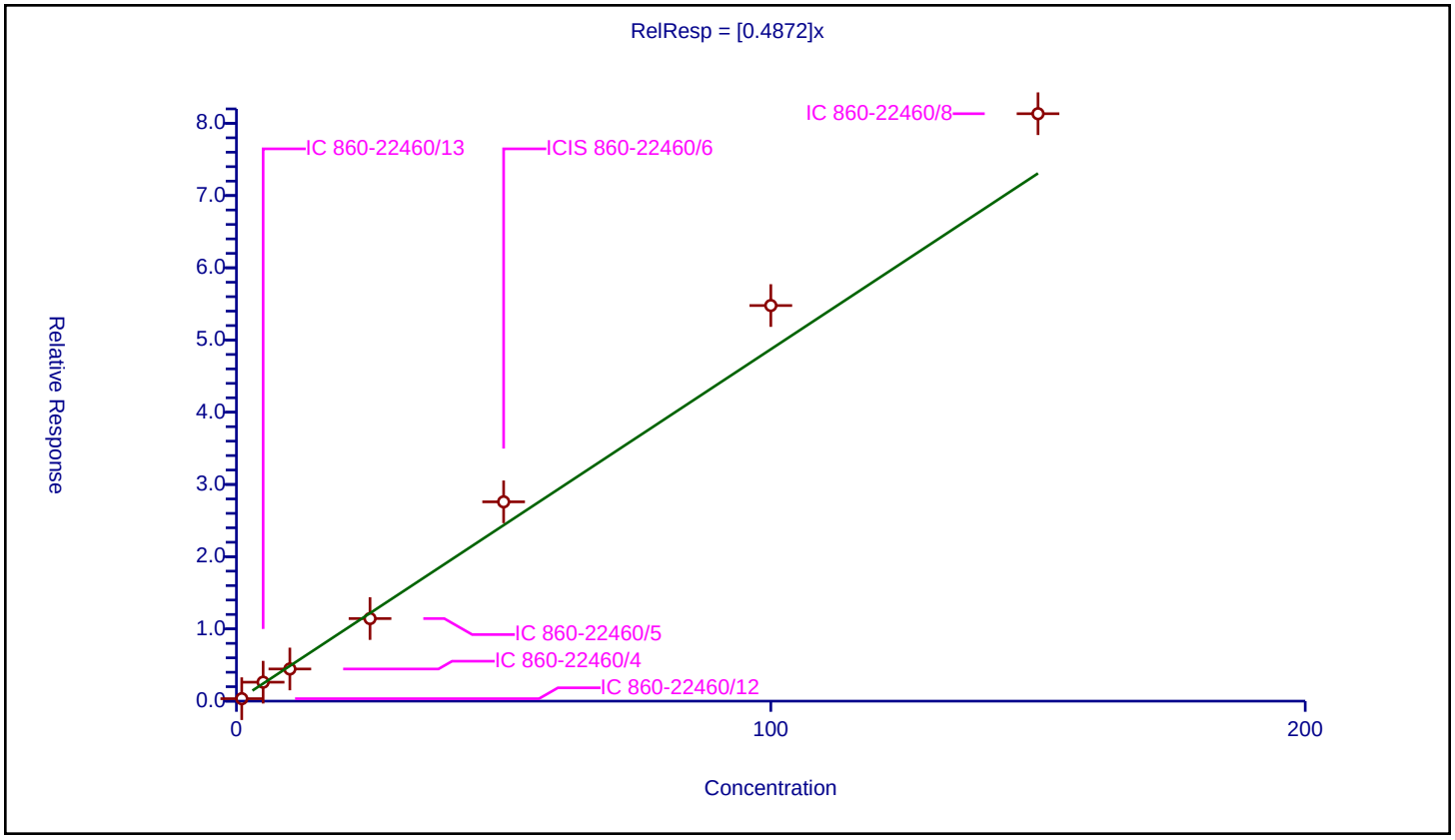
Curve Coefficients

Intercept:	0
Slope:	0.4872

Error Coefficients

Standard Error:	476000
Relative Standard Error:	16.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	0.34098	50.0	473928.0	0.34098	Y
2	IC 860-22460/13	5.0	2.624068	50.0	464584.0	0.524814	Y
3	IC 860-22460/4	10.0	4.453215	50.0	467853.0	0.445322	Y
4	IC 860-22460/5	25.0	11.431834	50.0	498319.0	0.457273	Y
5	ICIS 860-22460/6	50.0	27.595441	50.0	525980.0	0.551909	Y
6	IC 860-22460/10	100.0	54.775757	50.0	556383.0	0.547758	Y
7	IC 860-22460/8	150.0	81.334147	50.0	579569.0	0.542228	Y



Calibration / 2-Chloroethyl vinyl ether

Curve Type:	Quadratic
Weighting:	None
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

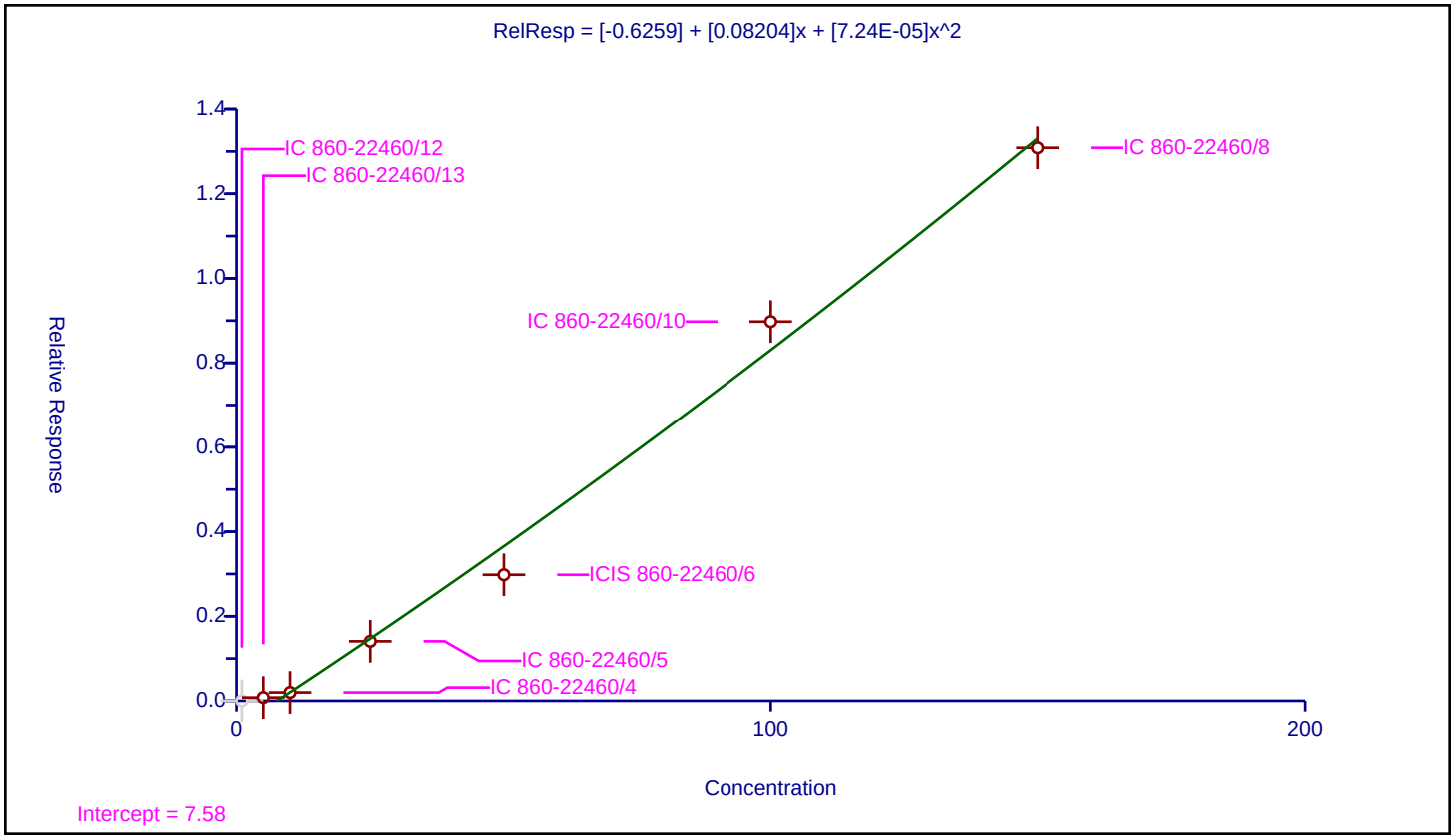
Curve Coefficients

Intercept:	-0.6259
Slope:	0.08204
Second Order:	7.24E-05

Error Coefficients

Standard Error:	107000
Relative Standard Error:	41.7
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	0.0	50.0	473928.0	0.0	N
2	IC 860-22460/13	5.0	0.077704	50.0	464584.0	0.015541	Y
3	IC 860-22460/4	10.0	0.198246	50.0	467853.0	0.019825	Y
4	IC 860-22460/5	25.0	1.407331	50.0	498319.0	0.056293	Y
5	ICIS 860-22460/6	50.0	2.981007	50.0	525980.0	0.05962	Y
6	IC 860-22460/10	100.0	8.97673	50.0	556383.0	0.089767	Y
7	IC 860-22460/8	150.0	13.086362	50.0	579569.0	0.087242	Y



Calibration / cis-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

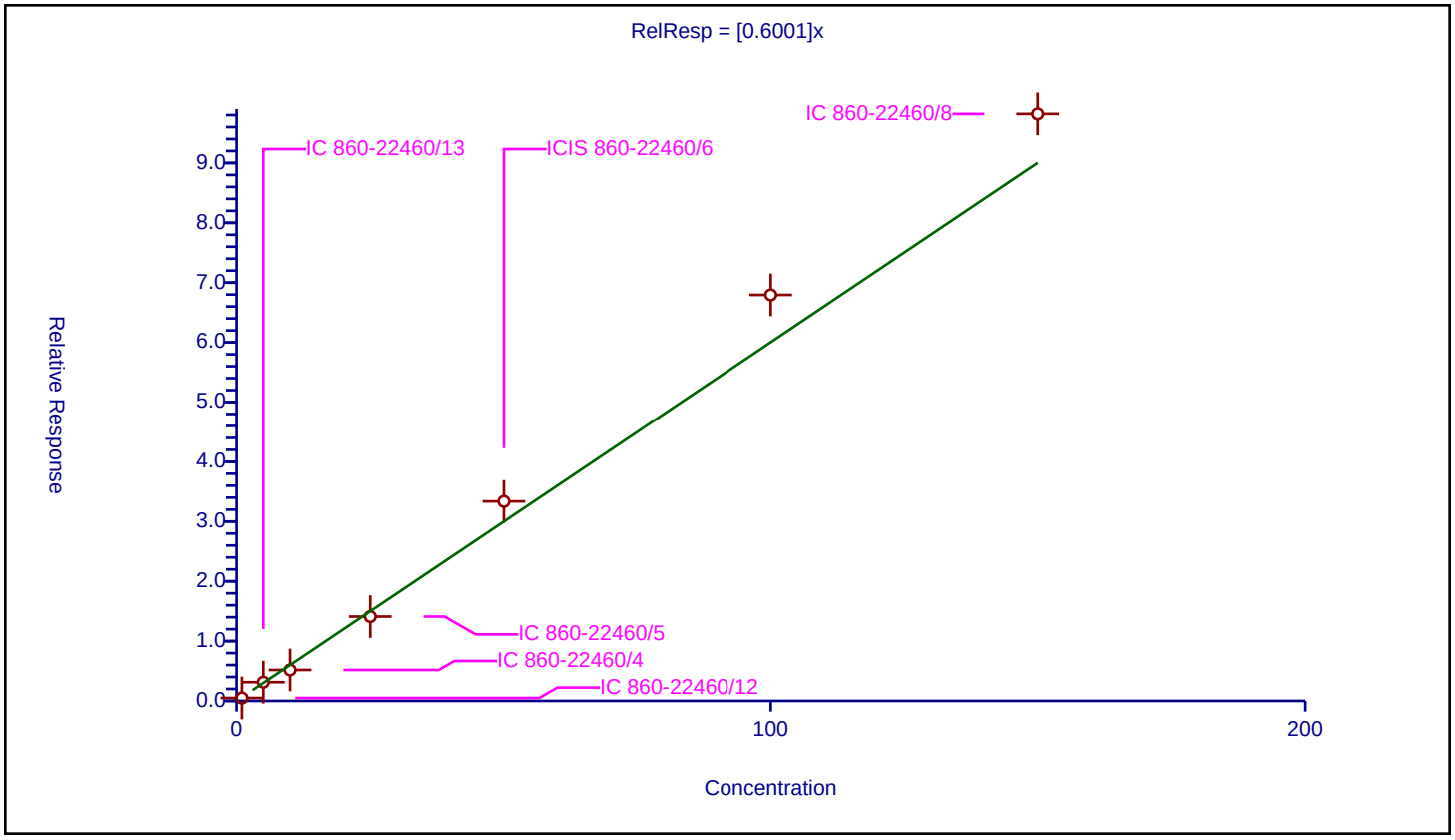
Curve Coefficients

Intercept:	0
Slope:	0.6001

Error Coefficients

Standard Error:	579000
Relative Standard Error:	12.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	0.491003	50.0	473928.0	0.491003	Y
2	IC 860-22460/13	5.0	3.133879	50.0	464584.0	0.626776	Y
3	IC 860-22460/4	10.0	5.174168	50.0	467853.0	0.517417	Y
4	IC 860-22460/5	25.0	14.108332	50.0	498319.0	0.564333	Y
5	ICIS 860-22460/6	50.0	33.371516	50.0	525980.0	0.66743	Y
6	IC 860-22460/10	100.0	67.941418	50.0	556383.0	0.679414	Y
7	IC 860-22460/8	150.0	98.190207	50.0	579569.0	0.654601	Y



Calibration / 4-Methyl-2-pentanone (MIBK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

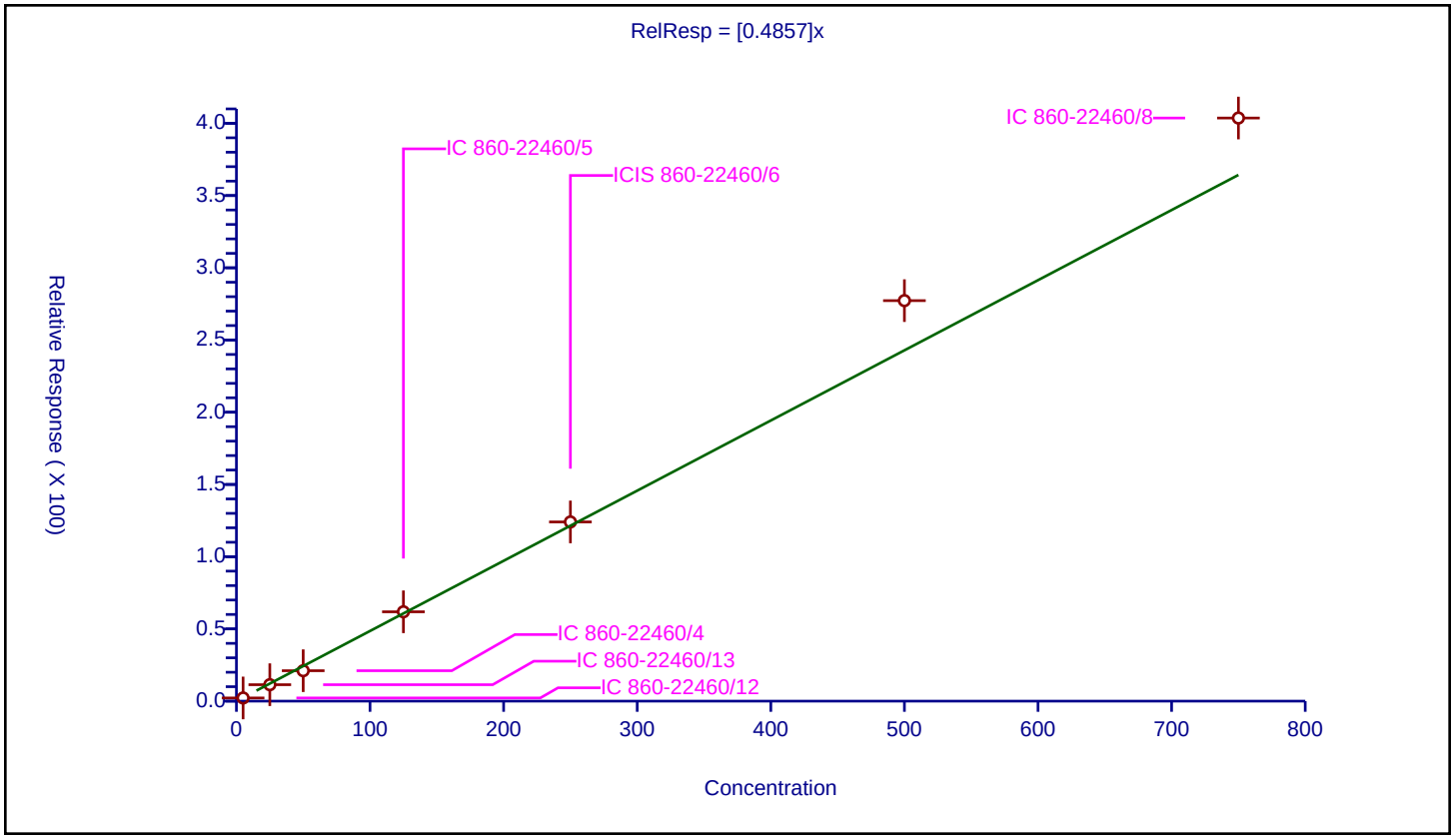
Curve Coefficients

Intercept:	0
Slope:	0.4857

Error Coefficients

Standard Error:	2360000
Relative Standard Error:	10.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	5.0	2.198541	50.0	473928.0	0.439708	Y
2	IC 860-22460/13	25.0	11.37749	50.0	464584.0	0.4551	Y
3	IC 860-22460/4	50.0	21.062919	50.0	467853.0	0.421258	Y
4	IC 860-22460/5	125.0	61.85014	50.0	498319.0	0.494801	Y
5	ICIS 860-22460/6	250.0	124.052245	50.0	525980.0	0.496209	Y
6	IC 860-22460/10	500.0	277.267368	50.0	556383.0	0.554535	Y
7	IC 860-22460/8	750.0	403.678423	50.0	579569.0	0.538238	Y



Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

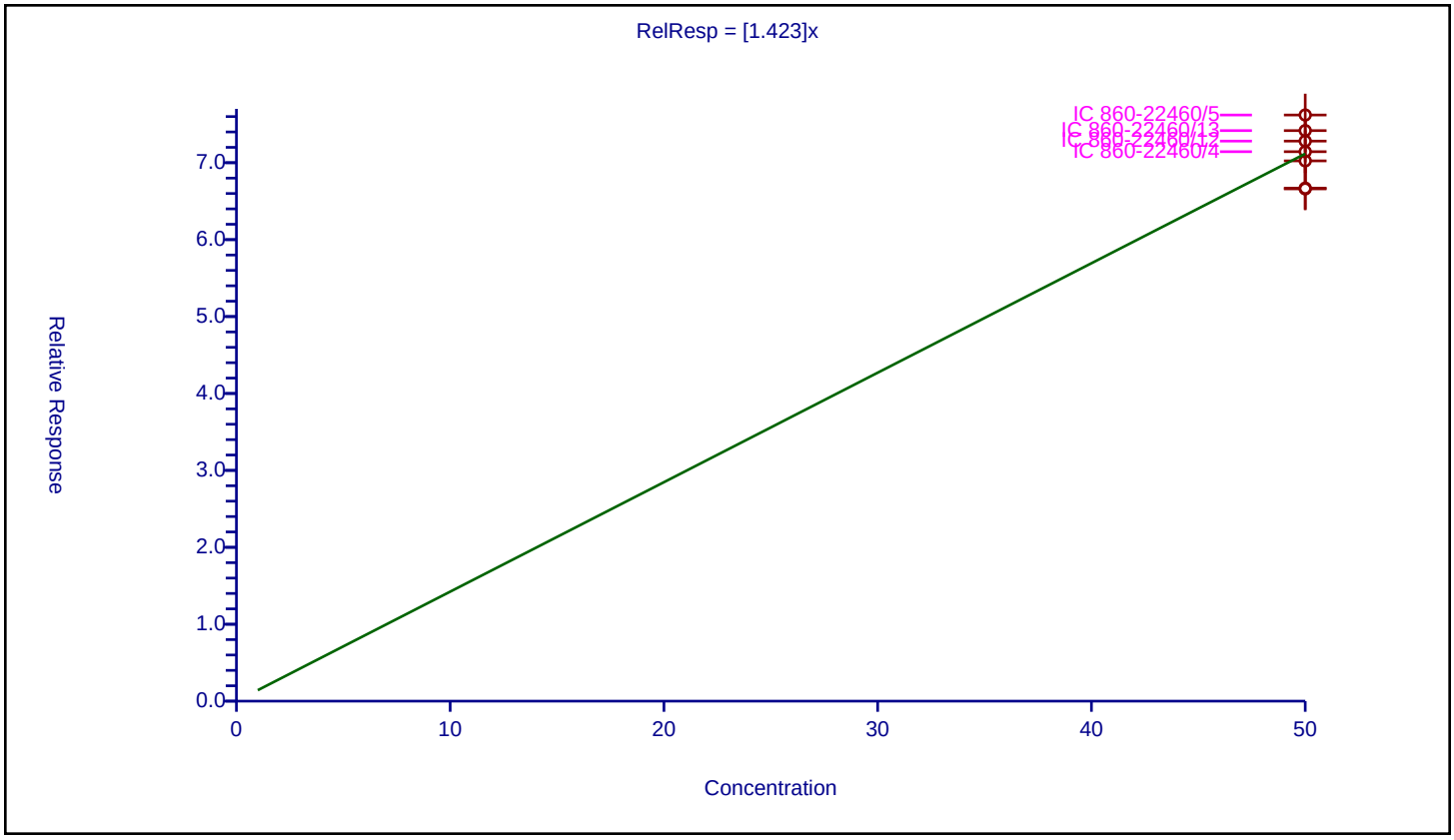
Curve Coefficients

Intercept:	0
Slope:	1.423

Error Coefficients

Standard Error:	758000
Relative Standard Error:	5.1
Correlation Coefficient:	0.00000000000000000000
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/4	50.0	71.436061	50.0	455893.0	1.428721	Y
2	IC 860-22460/5	50.0	76.20356	50.0	440921.0	1.524071	Y
3	ICIS 860-22460/6	50.0	70.240627	50.0	499446.0	1.404813	Y
4	IC 860-22460/8	50.0	66.600532	50.0	599026.0	1.332011	Y
5	IC 860-22460/10	50.0	66.698866	50.0	575590.0	1.333977	Y
6	IC 860-22460/12	50.0	72.811996	50.0	456512.0	1.45624	Y
7	IC 860-22460/13	50.0	74.17511	50.0	431512.0	1.483502	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

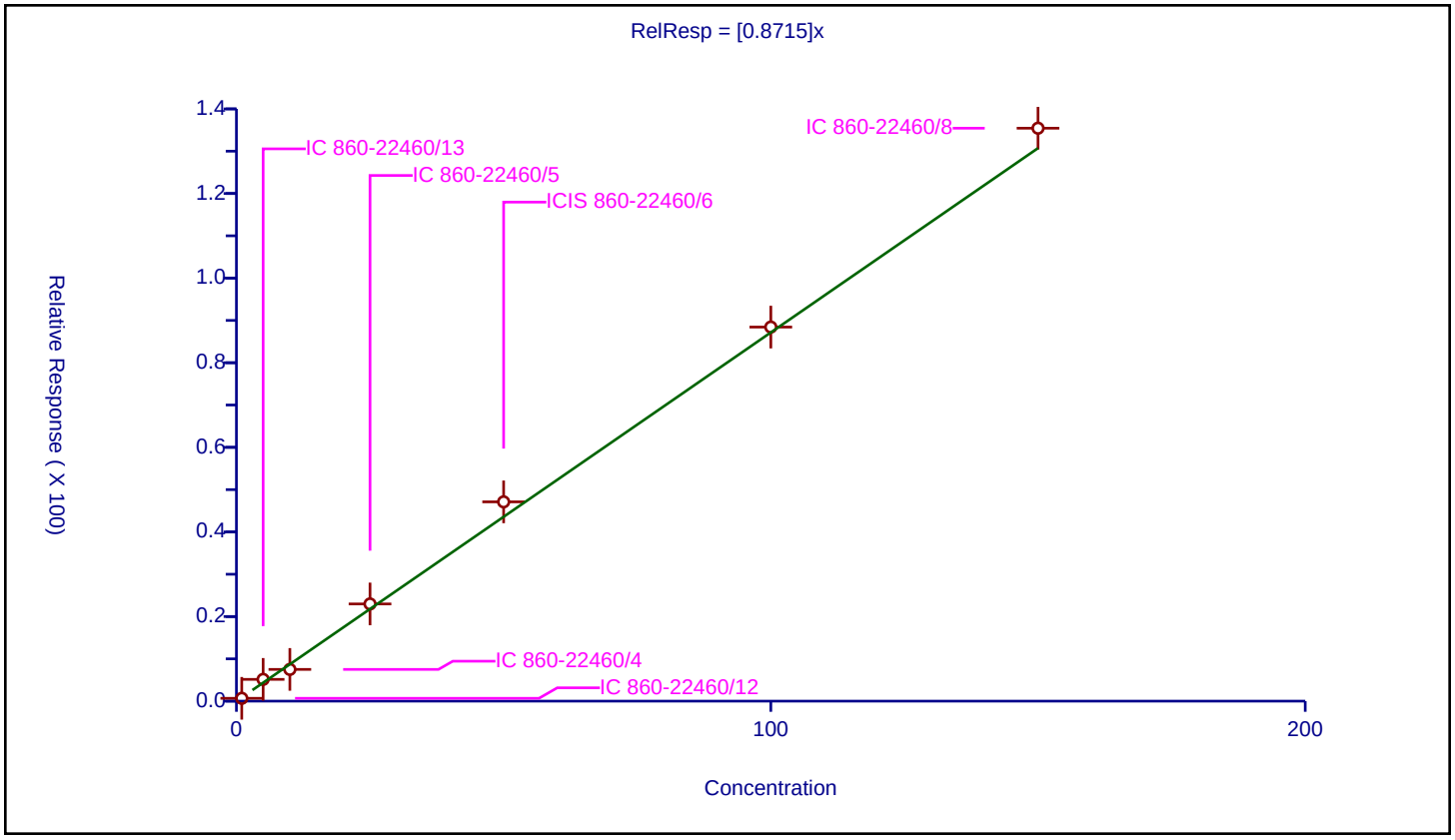
Curve Coefficients

Intercept:	0
Slope:	0.8715

Error Coefficients

Standard Error:	810000
Relative Standard Error:	13.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	0.672819	50.0	456512.0	0.672819	Y
2	IC 860-22460/13	5.0	5.144121	50.0	431512.0	1.028824	Y
3	IC 860-22460/4	10.0	7.50176	50.0	455893.0	0.750176	Y
4	IC 860-22460/5	25.0	22.975544	50.0	440921.0	0.919022	Y
5	ICIS 860-22460/6	50.0	47.109698	50.0	499446.0	0.942194	Y
6	IC 860-22460/10	100.0	88.424834	50.0	575590.0	0.884248	Y
7	IC 860-22460/8	150.0	135.43736	50.0	599026.0	0.902916	Y



Calibration / trans-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

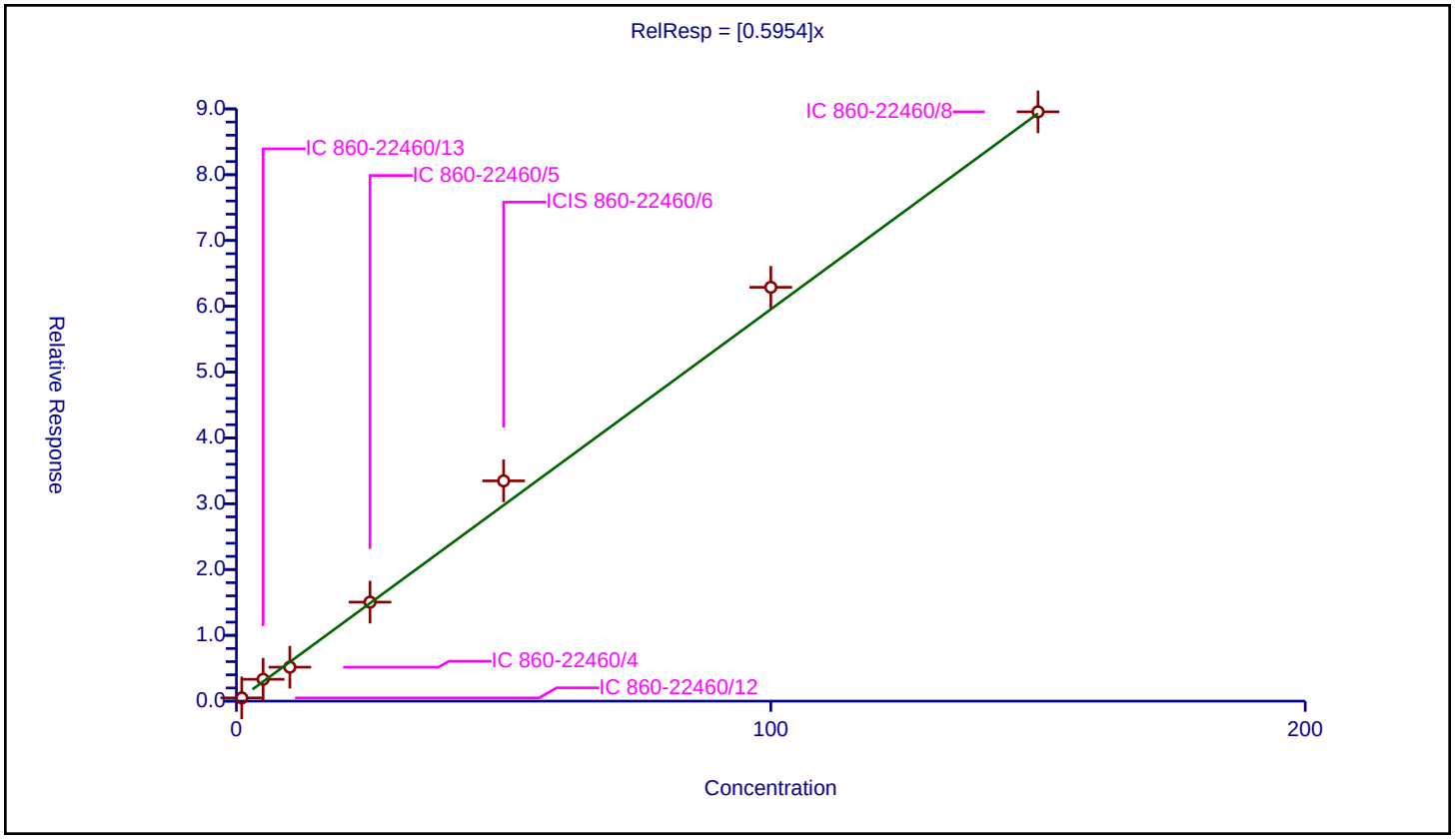
Curve Coefficients

Intercept:	0
Slope:	0.5954

Error Coefficients

Standard Error:	549000
Relative Standard Error:	11.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	0.490349	50.0	456512.0	0.490349	Y
2	IC 860-22460/13	5.0	3.319838	50.0	431512.0	0.663968	Y
3	IC 860-22460/4	10.0	5.163163	50.0	455893.0	0.516316	Y
4	IC 860-22460/5	25.0	15.044872	50.0	440921.0	0.601795	Y
5	ICIS 860-22460/6	50.0	33.475791	50.0	499446.0	0.669516	Y
6	IC 860-22460/10	100.0	62.888688	50.0	575590.0	0.628887	Y
7	IC 860-22460/8	150.0	89.554877	50.0	599026.0	0.597033	Y



Calibration / Ethyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

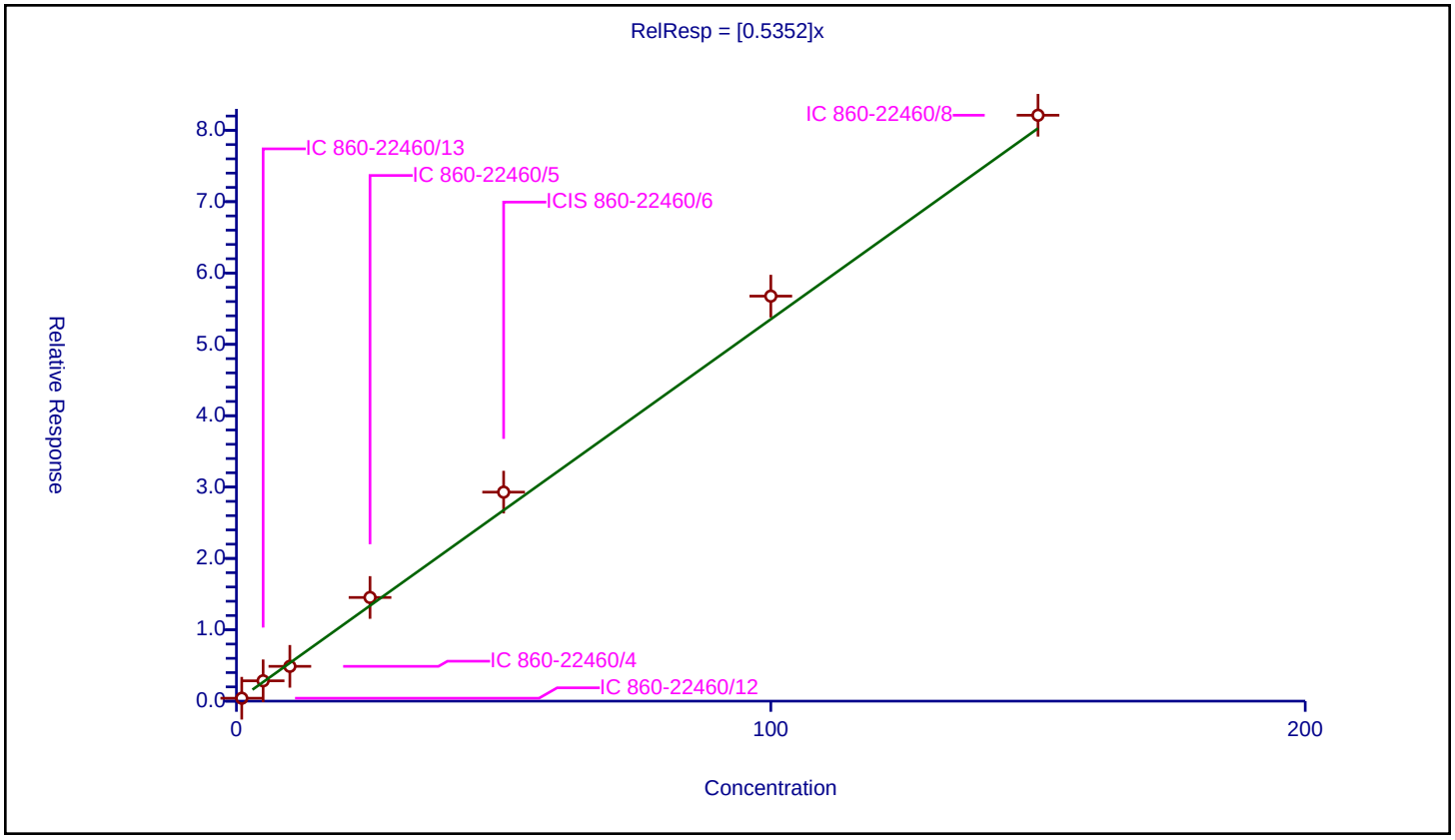
Curve Coefficients

Intercept:	0
Slope:	0.5352

Error Coefficients

Standard Error:	500000
Relative Standard Error:	12.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	0.407109	50.0	456512.0	0.407109	Y
2	IC 860-22460/13	5.0	2.848704	50.0	431512.0	0.569741	Y
3	IC 860-22460/4	10.0	4.876144	50.0	455893.0	0.487614	Y
4	IC 860-22460/5	25.0	14.527659	50.0	440921.0	0.581106	Y
5	ICIS 860-22460/6	50.0	29.292856	50.0	499446.0	0.585857	Y
6	IC 860-22460/10	100.0	56.760281	50.0	575590.0	0.567603	Y
7	IC 860-22460/8	150.0	82.109875	50.0	599026.0	0.547399	Y



Calibration / 1,1,2-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

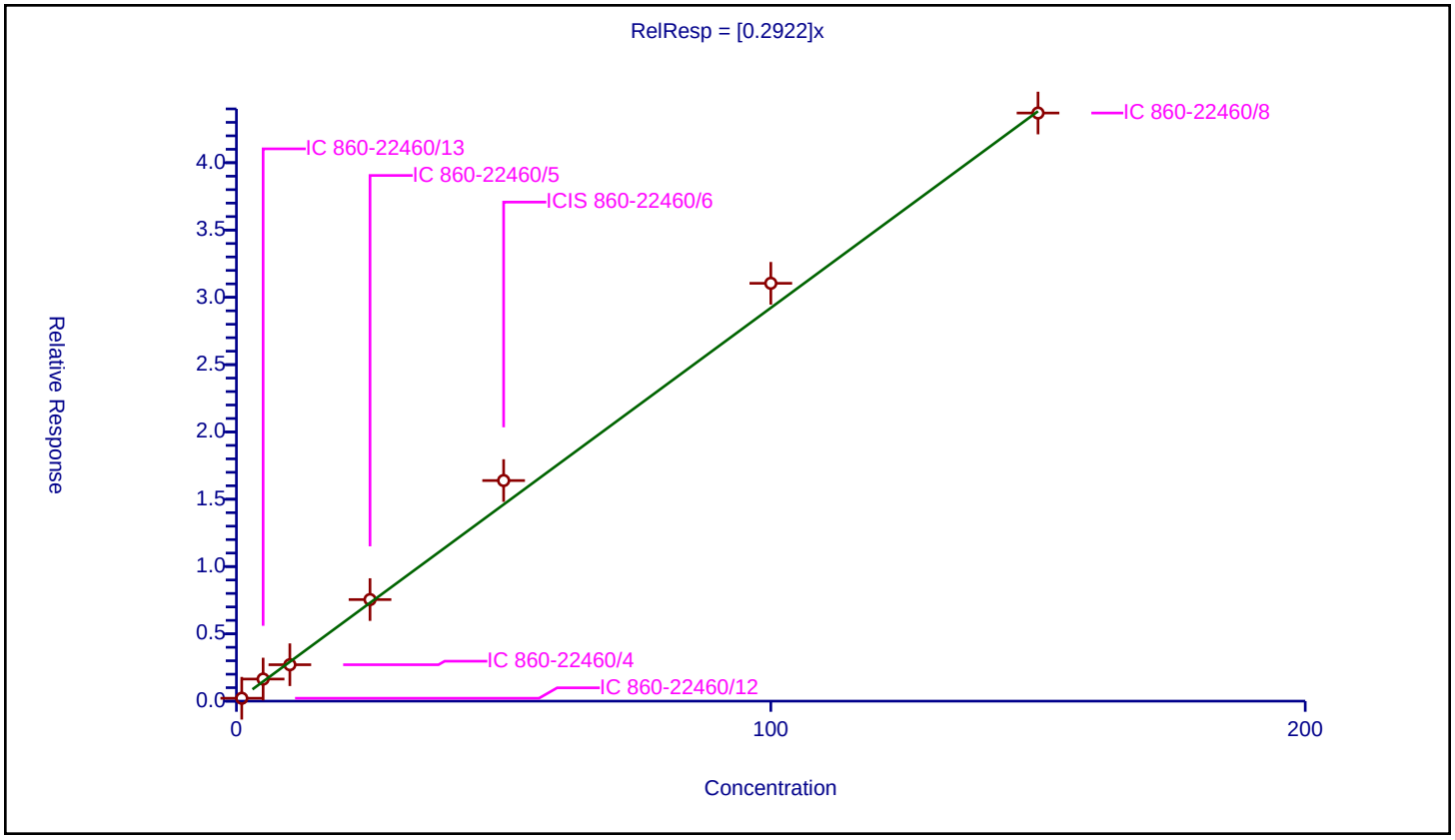
Curve Coefficients

Intercept:	0
Slope:	0.2922

Error Coefficients

Standard Error:	269000
Relative Standard Error:	13.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	0.215109	50.0	456512.0	0.215109	Y
2	IC 860-22460/13	5.0	1.640858	50.0	431512.0	0.328172	Y
3	IC 860-22460/4	10.0	2.705898	50.0	455893.0	0.27059	Y
4	IC 860-22460/5	25.0	7.546817	50.0	440921.0	0.301873	Y
5	ICIS 860-22460/6	50.0	16.388458	50.0	499446.0	0.327769	Y
6	IC 860-22460/10	100.0	31.043799	50.0	575590.0	0.310438	Y
7	IC 860-22460/8	150.0	43.692928	50.0	599026.0	0.291286	Y



Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

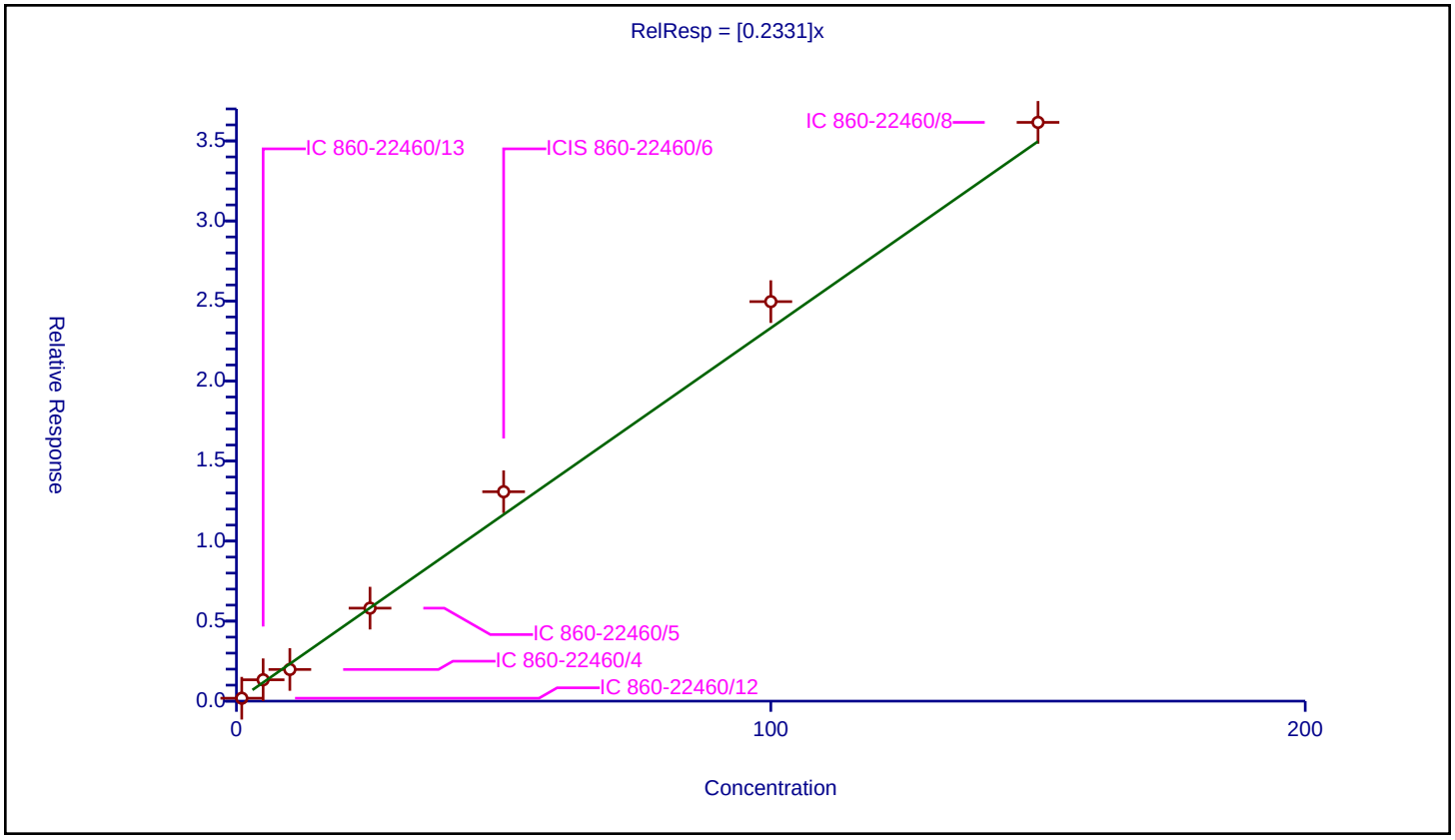
Curve Coefficients

Intercept:	0
Slope:	0.2331

Error Coefficients

Standard Error:	220000
Relative Standard Error:	13.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	0.182032	50.0	456512.0	0.182032	Y
2	IC 860-22460/13	5.0	1.336116	50.0	431512.0	0.267223	Y
3	IC 860-22460/4	10.0	1.979851	50.0	455893.0	0.197985	Y
4	IC 860-22460/5	25.0	5.809317	50.0	440921.0	0.232373	Y
5	ICIS 860-22460/6	50.0	13.082395	50.0	499446.0	0.261648	Y
6	IC 860-22460/10	100.0	24.959172	50.0	575590.0	0.249592	Y
7	IC 860-22460/8	150.0	36.158113	50.0	599026.0	0.241054	Y



Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

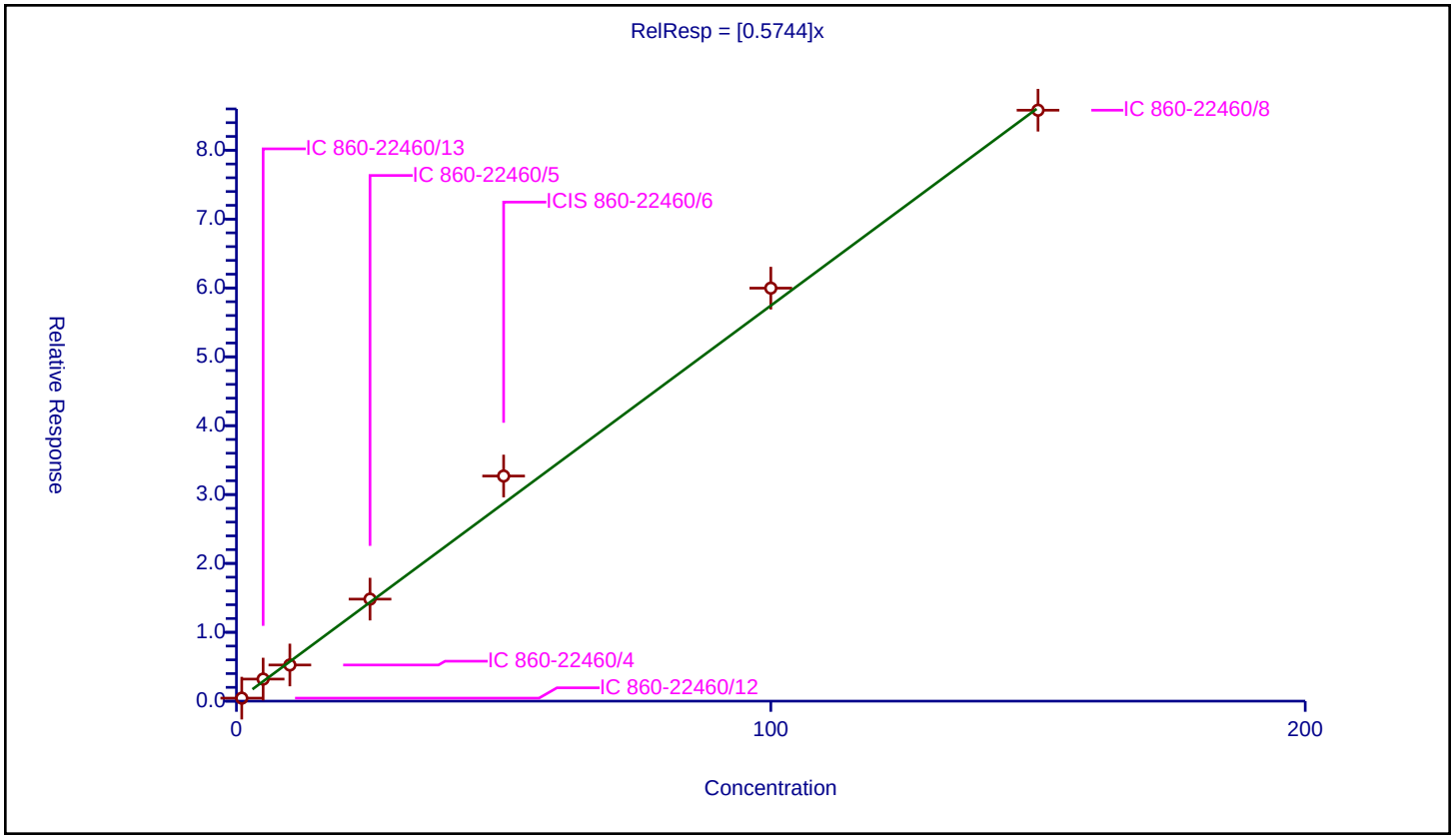
Curve Coefficients

Intercept:	0
Slope:	0.5744

Error Coefficients

Standard Error:	526000
Relative Standard Error:	12.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	0.436462	50.0	456512.0	0.436462	Y
2	IC 860-22460/13	5.0	3.203735	50.0	431512.0	0.640747	Y
3	IC 860-22460/4	10.0	5.251561	50.0	455893.0	0.525156	Y
4	IC 860-22460/5	25.0	14.814899	50.0	440921.0	0.592596	Y
5	ICIS 860-22460/6	50.0	32.688419	50.0	499446.0	0.653768	Y
6	IC 860-22460/10	100.0	59.970378	50.0	575590.0	0.599704	Y
7	IC 860-22460/8	150.0	85.808546	50.0	599026.0	0.572057	Y



Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

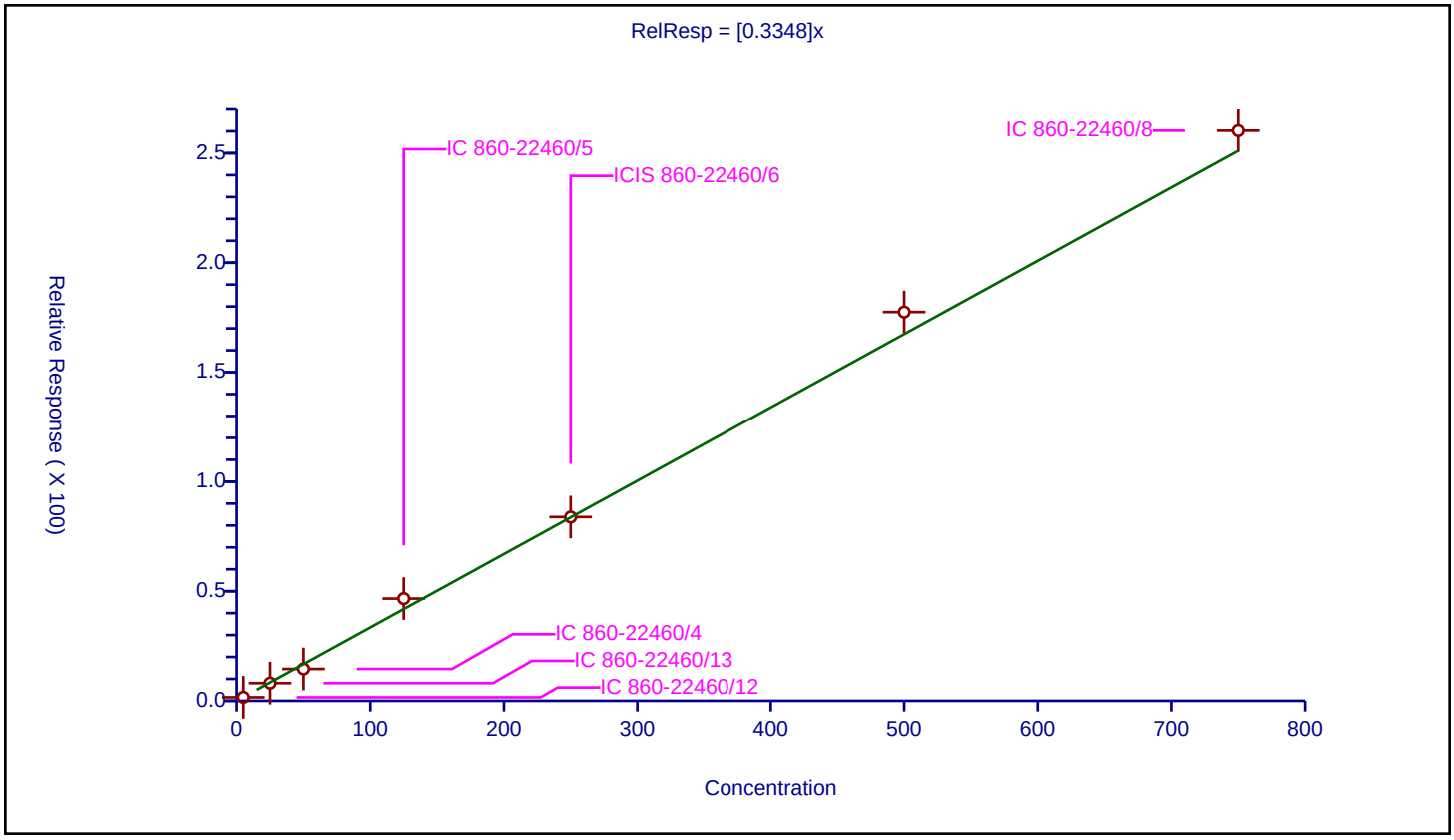
Curve Coefficients

Intercept:	0
Slope:	0.3348

Error Coefficients

Standard Error:	1570000
Relative Standard Error:	8.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	5.0	1.597548	50.0	456512.0	0.31951	Y
2	IC 860-22460/13	25.0	8.072081	50.0	431512.0	0.322883	Y
3	IC 860-22460/4	50.0	14.526545	50.0	455893.0	0.290531	Y
4	IC 860-22460/5	125.0	46.635679	50.0	440921.0	0.373085	Y
5	ICIS 860-22460/6	250.0	83.862119	50.0	499446.0	0.335448	Y
6	IC 860-22460/10	500.0	177.48684	50.0	575590.0	0.354974	Y
7	IC 860-22460/8	750.0	260.289036	50.0	599026.0	0.347052	Y



Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

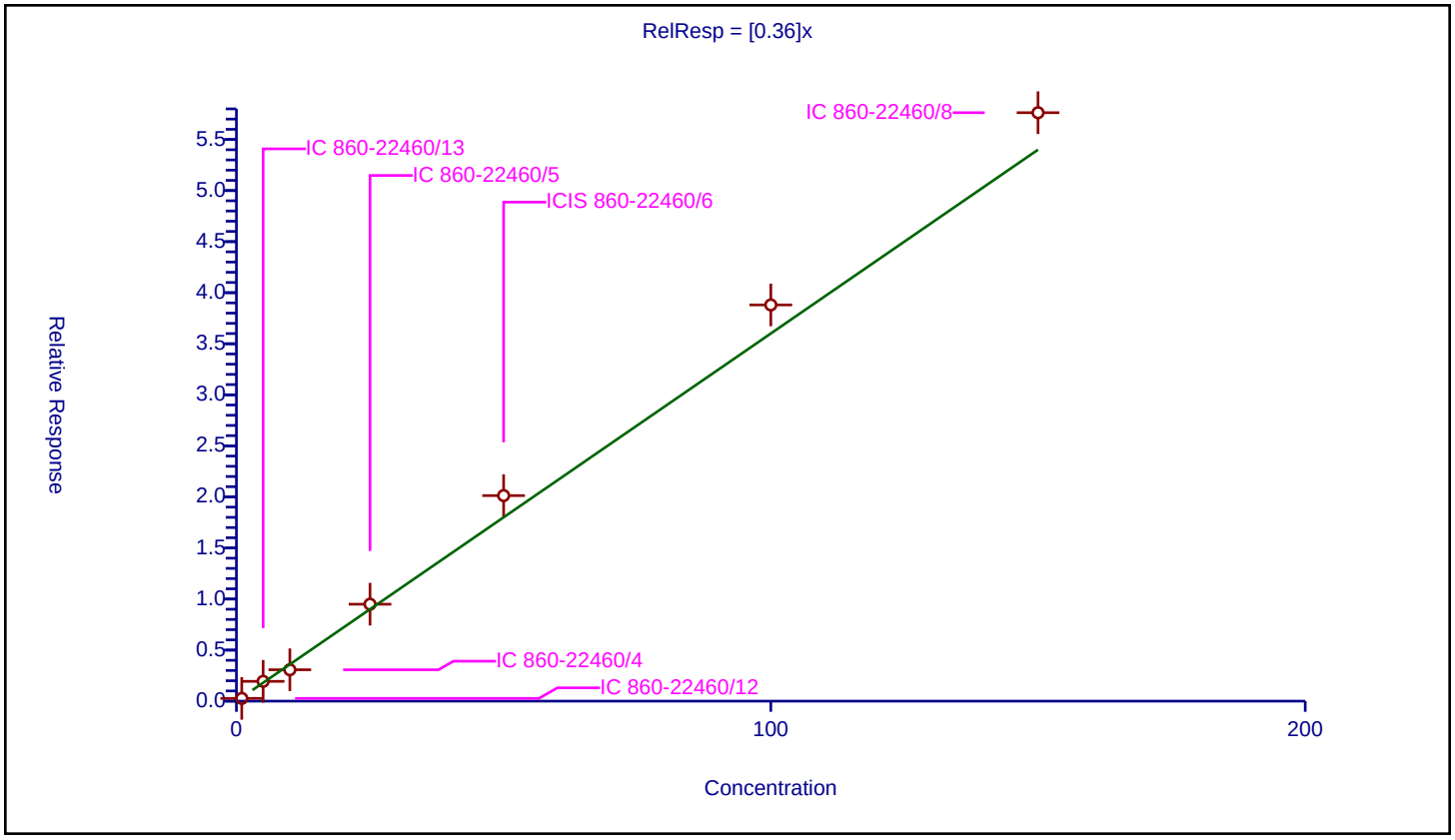
Curve Coefficients

Intercept:	0
Slope:	0.36

Error Coefficients

Standard Error:	348000
Relative Standard Error:	13.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	0.270639	50.0	456512.0	0.270639	Y
2	IC 860-22460/13	5.0	1.938417	50.0	431512.0	0.387683	Y
3	IC 860-22460/4	10.0	3.073857	50.0	455893.0	0.307386	Y
4	IC 860-22460/5	25.0	9.492063	50.0	440921.0	0.379683	Y
5	ICIS 860-22460/6	50.0	20.129604	50.0	499446.0	0.402592	Y
6	IC 860-22460/10	100.0	38.802707	50.0	575590.0	0.388027	Y
7	IC 860-22460/8	150.0	57.628133	50.0	599026.0	0.384188	Y



Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

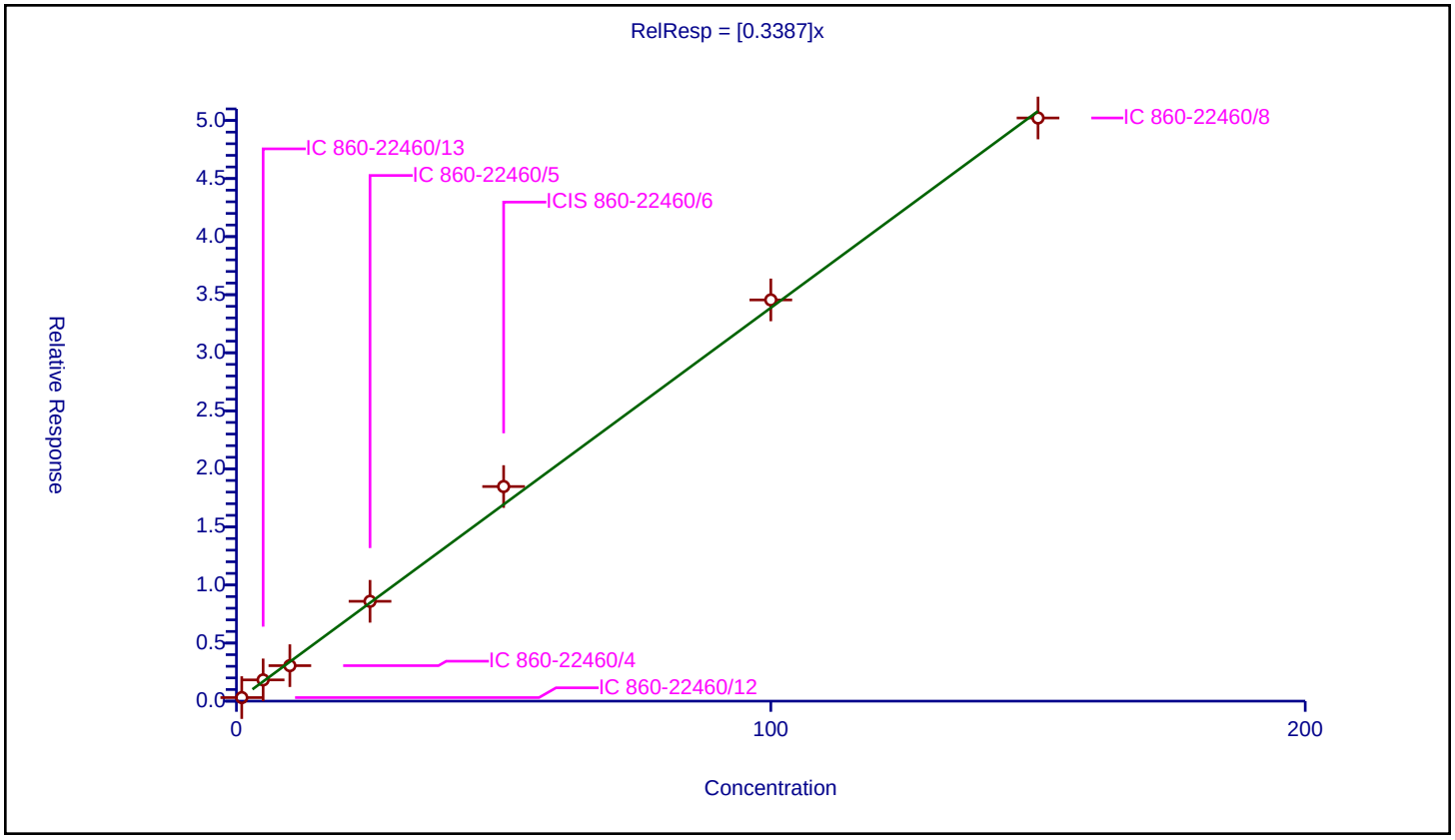
Curve Coefficients

Intercept:	0
Slope:	0.3387

Error Coefficients

Standard Error:	306000
Relative Standard Error:	7.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	0.306016	50.0	456512.0	0.306016	Y
2	IC 860-22460/13	5.0	1.828223	50.0	431512.0	0.365645	Y
3	IC 860-22460/4	10.0	3.055322	50.0	455893.0	0.305532	Y
4	IC 860-22460/5	25.0	8.596892	50.0	440921.0	0.343876	Y
5	ICIS 860-22460/6	50.0	18.479075	50.0	499446.0	0.369581	Y
6	IC 860-22460/10	100.0	34.550027	50.0	575590.0	0.3455	Y
7	IC 860-22460/8	150.0	50.21752	50.0	599026.0	0.334783	Y



Calibration / 1-Chlorohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

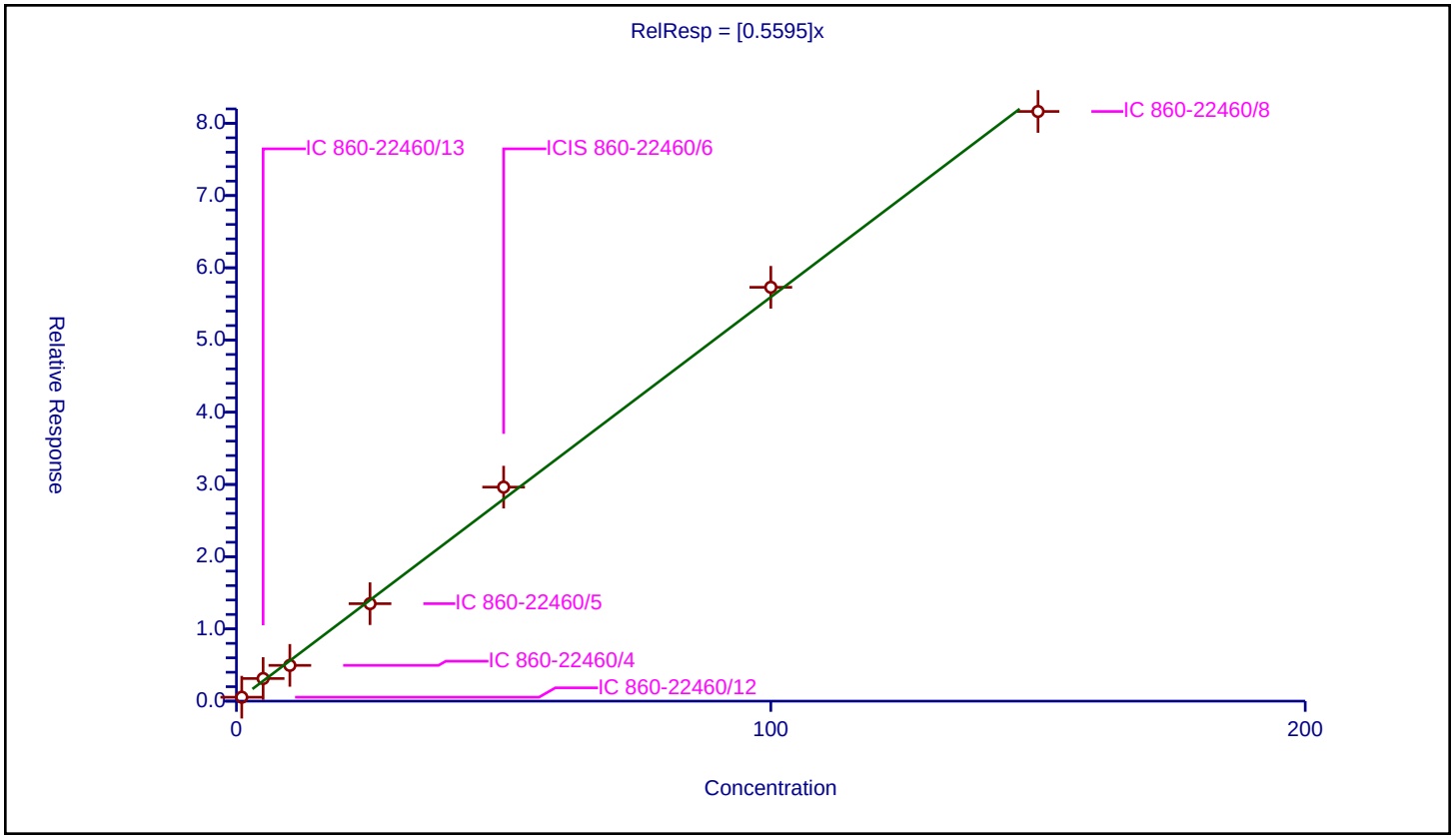
Curve Coefficients

Intercept:	0
Slope:	0.5595

Error Coefficients

Standard Error:	499000
Relative Standard Error:	7.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	0.544893	50.0	456512.0	0.544893	Y
2	IC 860-22460/13	5.0	3.133285	50.0	431512.0	0.626657	Y
3	IC 860-22460/4	10.0	4.950284	50.0	455893.0	0.495028	Y
4	IC 860-22460/5	25.0	13.493233	50.0	440921.0	0.539729	Y
5	ICIS 860-22460/6	50.0	29.631031	50.0	499446.0	0.592621	Y
6	IC 860-22460/10	100.0	57.301117	50.0	575590.0	0.573011	Y
7	IC 860-22460/8	150.0	81.641531	50.0	599026.0	0.544277	Y



Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

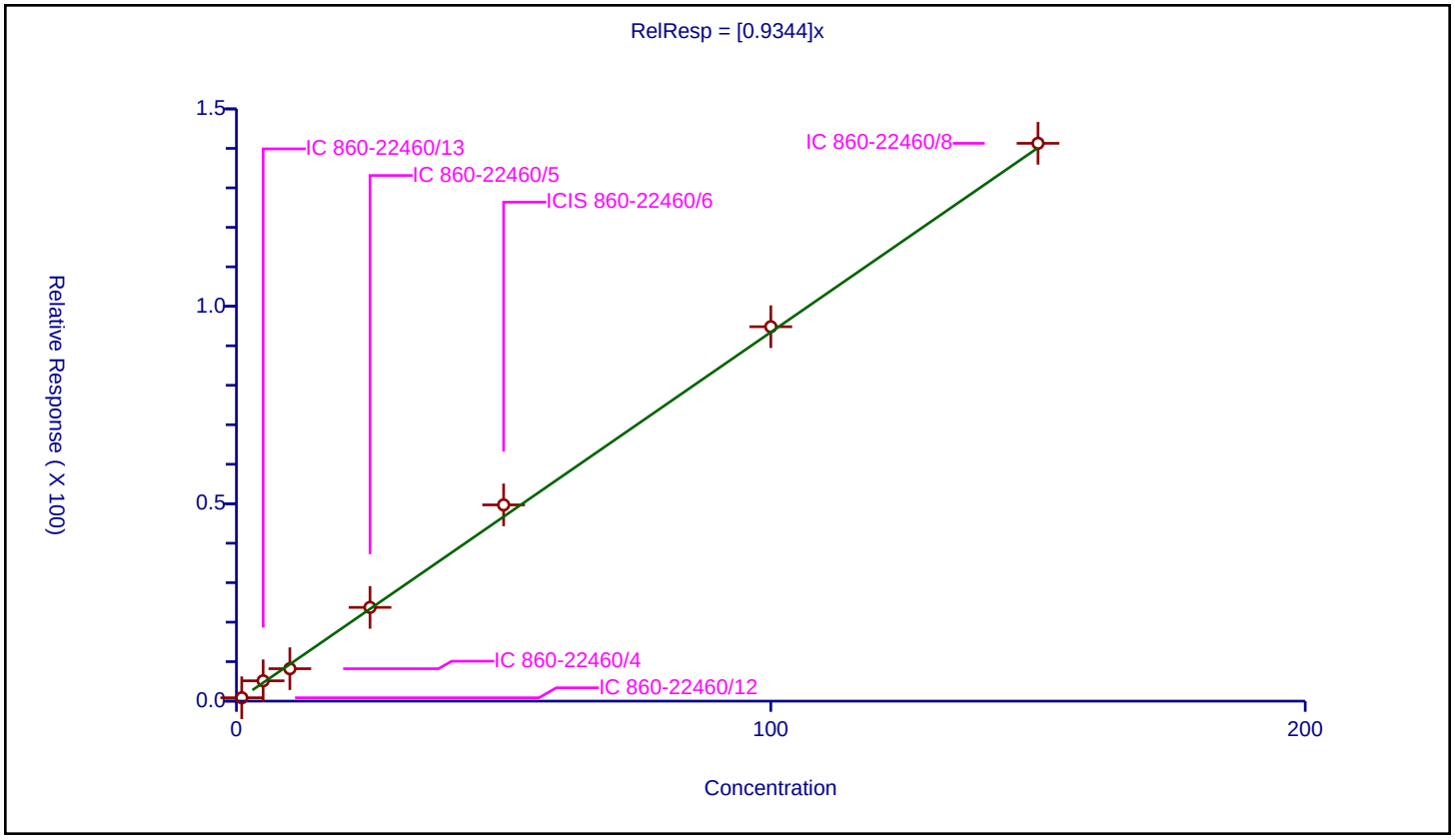
Curve Coefficients

Intercept:	0
Slope:	0.9344

Error Coefficients

Standard Error:	852000
Relative Standard Error:	7.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	0.85529	50.0	456512.0	0.85529	Y
2	IC 860-22460/13	5.0	5.151189	50.0	431512.0	1.030238	Y
3	IC 860-22460/4	10.0	8.214318	50.0	455893.0	0.821432	Y
4	IC 860-22460/5	25.0	23.739513	50.0	440921.0	0.949581	Y
5	ICIS 860-22460/6	50.0	49.703672	50.0	499446.0	0.994073	Y
6	IC 860-22460/10	100.0	94.836255	50.0	575590.0	0.948363	Y
7	IC 860-22460/8	150.0	141.282265	50.0	599026.0	0.941882	Y



Calibration / 1,1,1,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

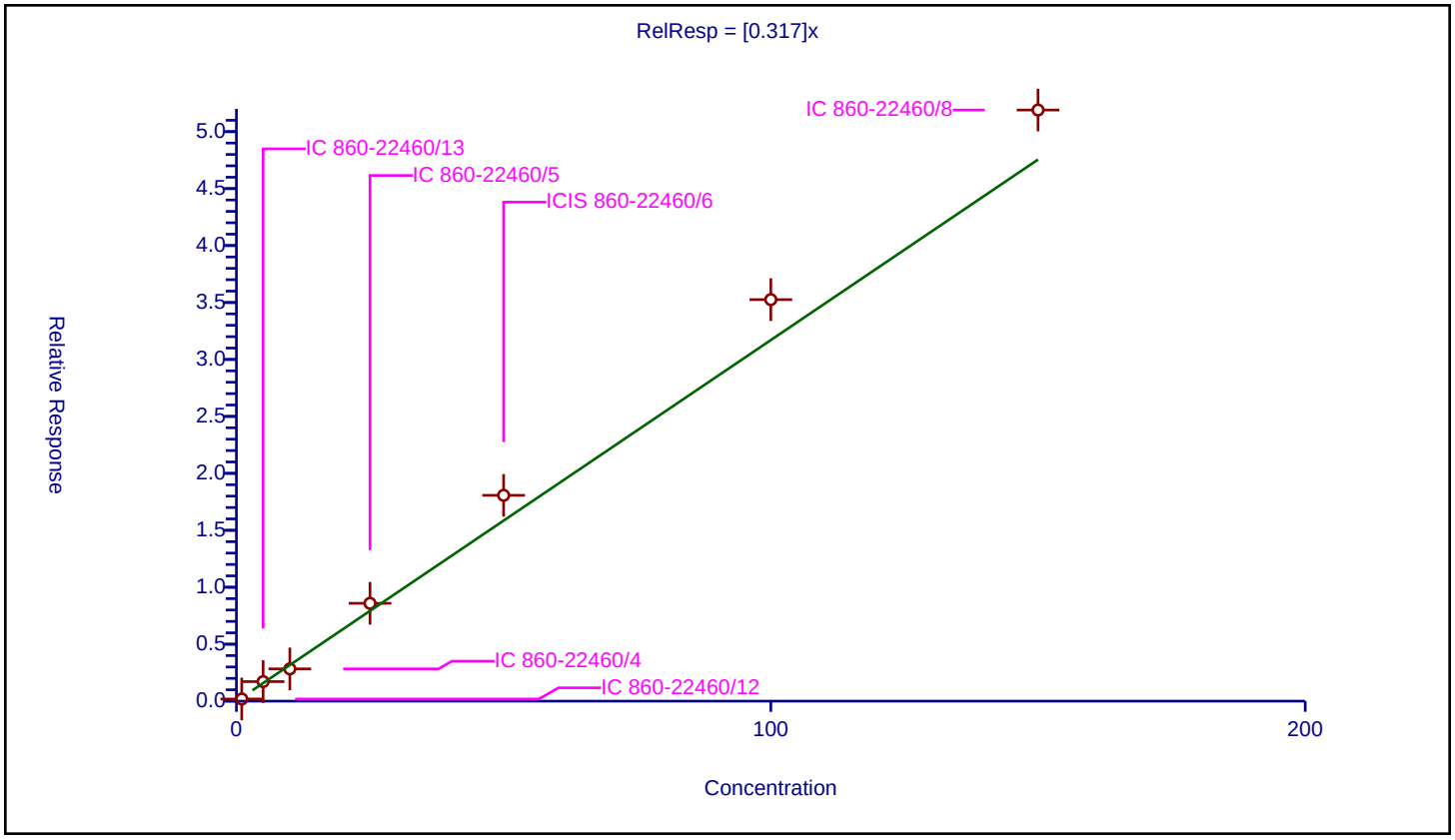
Curve Coefficients

Intercept:	0
Slope:	0.317

Error Coefficients

Standard Error:	314000
Relative Standard Error:	19.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.964

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	0.189042	50.0	456512.0	0.189042	Y
2	IC 860-22460/13	5.0	1.715364	50.0	431512.0	0.343073	Y
3	IC 860-22460/4	10.0	2.834108	50.0	455893.0	0.283411	Y
4	IC 860-22460/5	25.0	8.58884	50.0	440921.0	0.343554	Y
5	ICIS 860-22460/6	50.0	18.071023	50.0	499446.0	0.36142	Y
6	IC 860-22460/10	100.0	35.254521	50.0	575590.0	0.352545	Y
7	IC 860-22460/8	150.0	51.900502	50.0	599026.0	0.346003	Y



Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

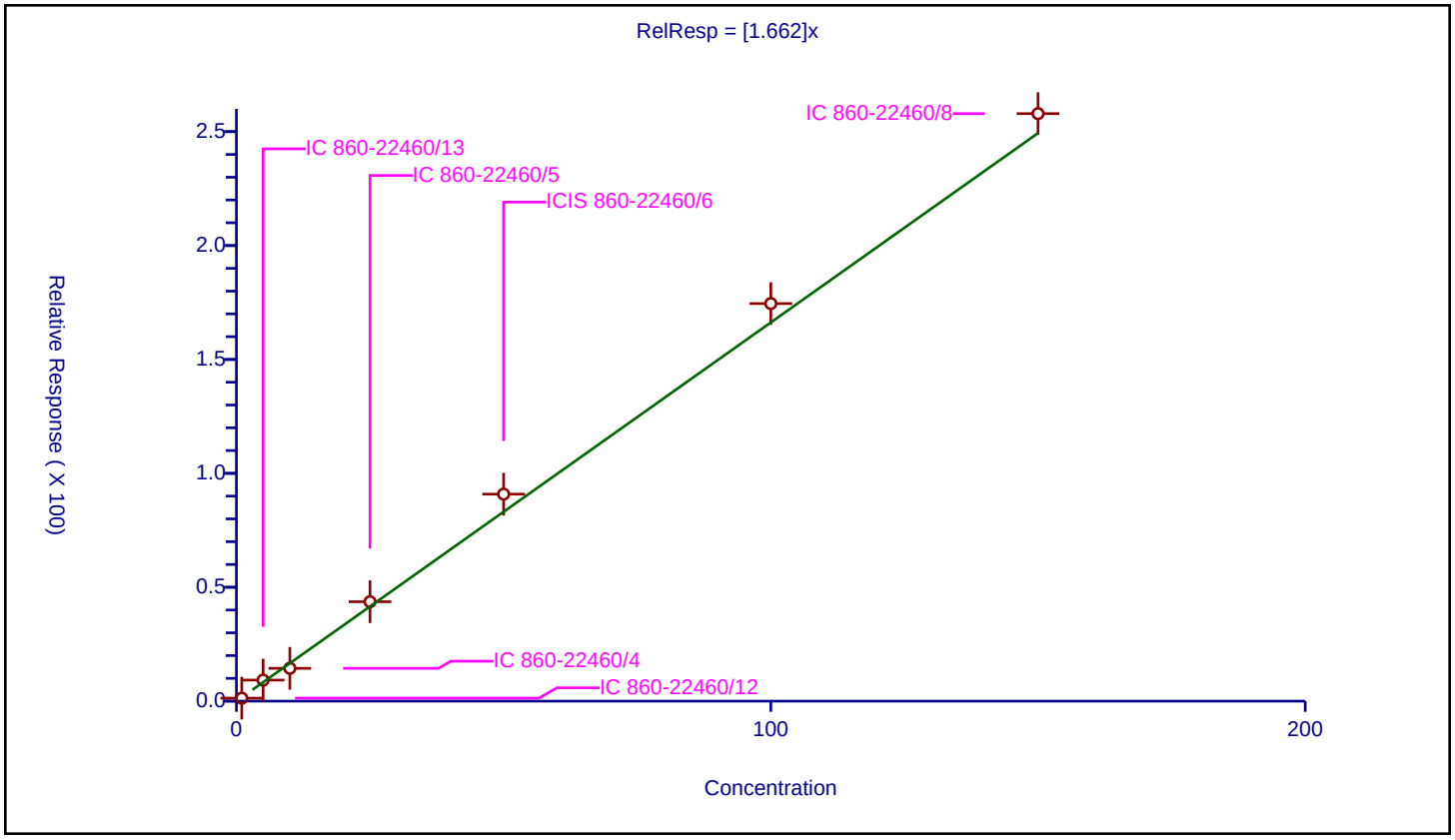
Curve Coefficients

Intercept:	0
Slope:	1.662

Error Coefficients

Standard Error:	1560000
Relative Standard Error:	12.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	1.319461	50.0	456512.0	1.319461	Y
2	IC 860-22460/13	5.0	9.242848	50.0	431512.0	1.84857	Y
3	IC 860-22460/4	10.0	14.411057	50.0	455893.0	1.441106	Y
4	IC 860-22460/5	25.0	43.642399	50.0	440921.0	1.745696	Y
5	ICIS 860-22460/6	50.0	90.862976	50.0	499446.0	1.81726	Y
6	IC 860-22460/10	100.0	174.538734	50.0	575590.0	1.745387	Y
7	IC 860-22460/8	150.0	257.922861	50.0	599026.0	1.719486	Y



Calibration / m-Xylene & p-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

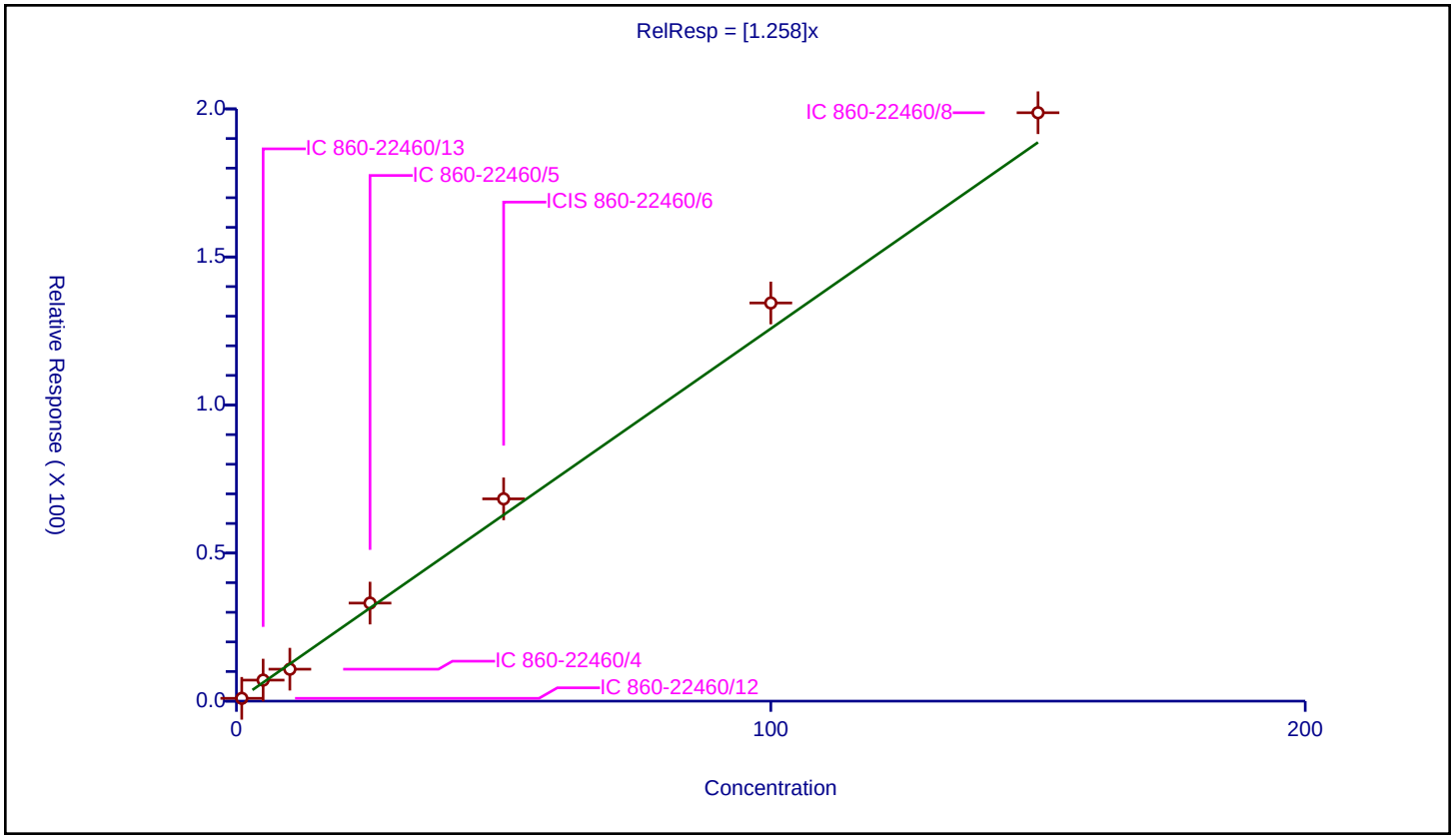
Curve Coefficients

Intercept:	0
Slope:	1.258

Error Coefficients

Standard Error:	1200000
Relative Standard Error:	13.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	0.946306	50.0	456512.0	0.946306	Y
2	IC 860-22460/13	5.0	7.102583	50.0	431512.0	1.420517	Y
3	IC 860-22460/4	10.0	10.792883	50.0	455893.0	1.079288	Y
4	IC 860-22460/5	25.0	33.112621	50.0	440921.0	1.324505	Y
5	ICIS 860-22460/6	50.0	68.306083	50.0	499446.0	1.366122	Y
6	IC 860-22460/10	100.0	134.454647	50.0	575590.0	1.344546	Y
7	IC 860-22460/8	150.0	198.706233	50.0	599026.0	1.324708	Y



Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

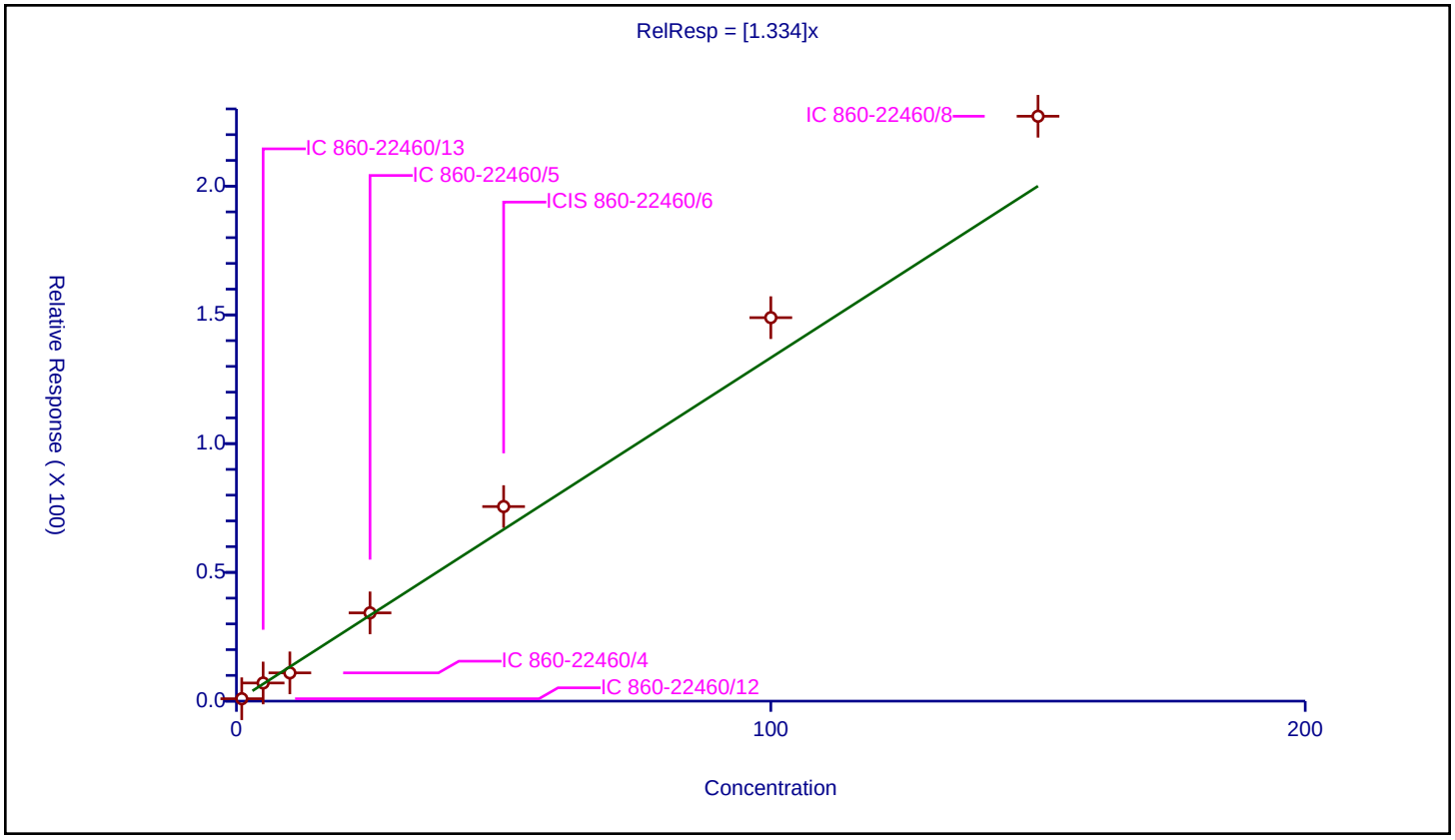
Curve Coefficients

Intercept:	0
Slope:	1.334

Error Coefficients

Standard Error:	1360000
Relative Standard Error:	16.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.972

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	0.94072	50.0	456512.0	0.94072	Y
2	IC 860-22460/13	5.0	7.050441	50.0	431512.0	1.410088	Y
3	IC 860-22460/4	10.0	10.981963	50.0	455893.0	1.098196	Y
4	IC 860-22460/5	25.0	34.281765	50.0	440921.0	1.371271	Y
5	ICIS 860-22460/6	50.0	75.560922	50.0	499446.0	1.511218	Y
6	IC 860-22460/10	100.0	148.92962	50.0	575590.0	1.489296	Y
7	IC 860-22460/8	150.0	227.146818	50.0	599026.0	1.514312	Y



Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

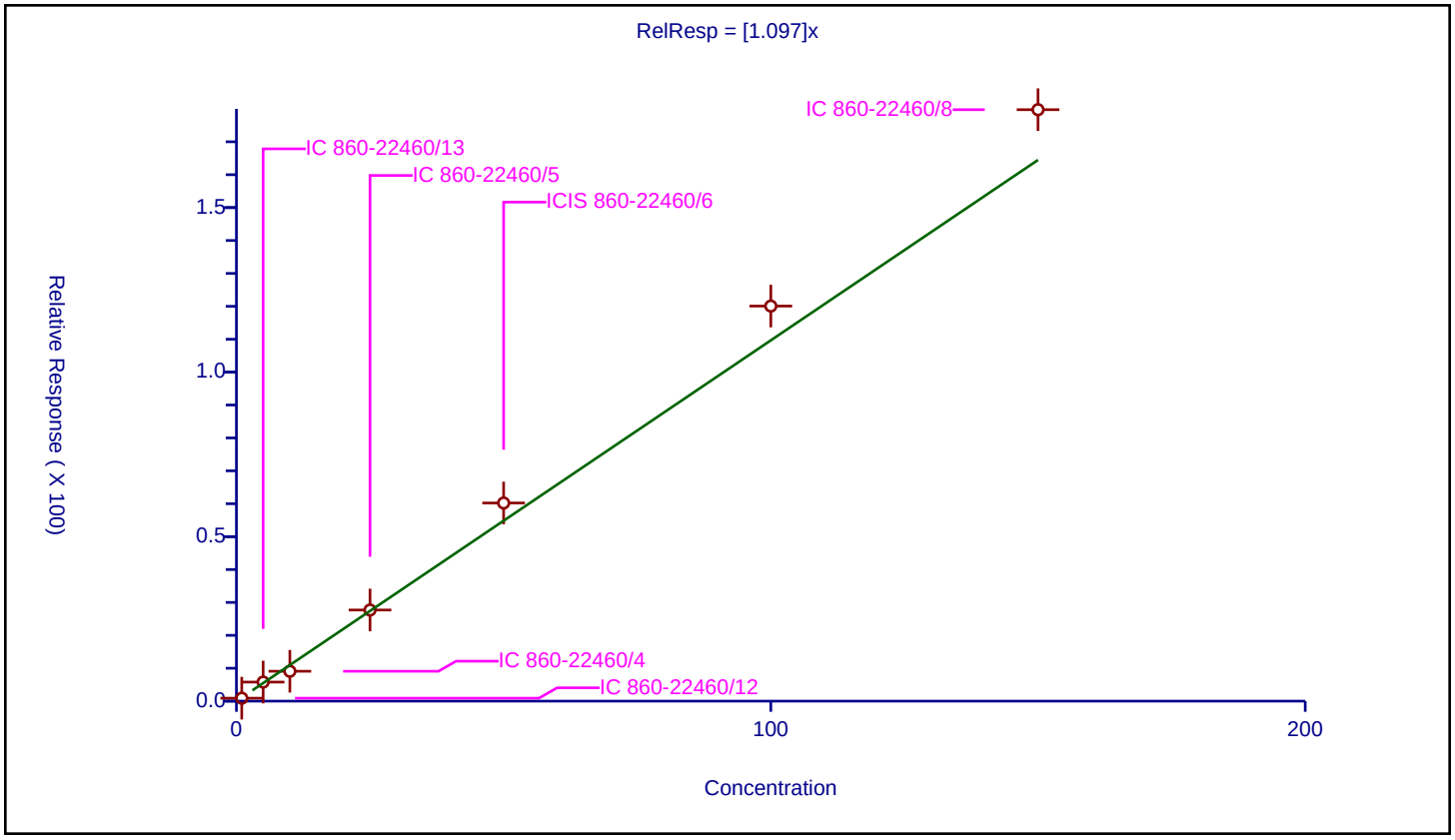
Curve Coefficients

Intercept:	0
Slope:	1.097

Error Coefficients

Standard Error:	1080000
Relative Standard Error:	12.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	0.897348	50.0	456512.0	0.897348	Y
2	IC 860-22460/13	5.0	5.791728	50.0	431512.0	1.158346	Y
3	IC 860-22460/4	10.0	9.085575	50.0	455893.0	0.908557	Y
4	IC 860-22460/5	25.0	27.697252	50.0	440921.0	1.10789	Y
5	ICIS 860-22460/6	50.0	60.221926	50.0	499446.0	1.204439	Y
6	IC 860-22460/10	100.0	120.07792	50.0	575590.0	1.200779	Y
7	IC 860-22460/8	150.0	179.753717	50.0	599026.0	1.198358	Y



Calibration / Bromoform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

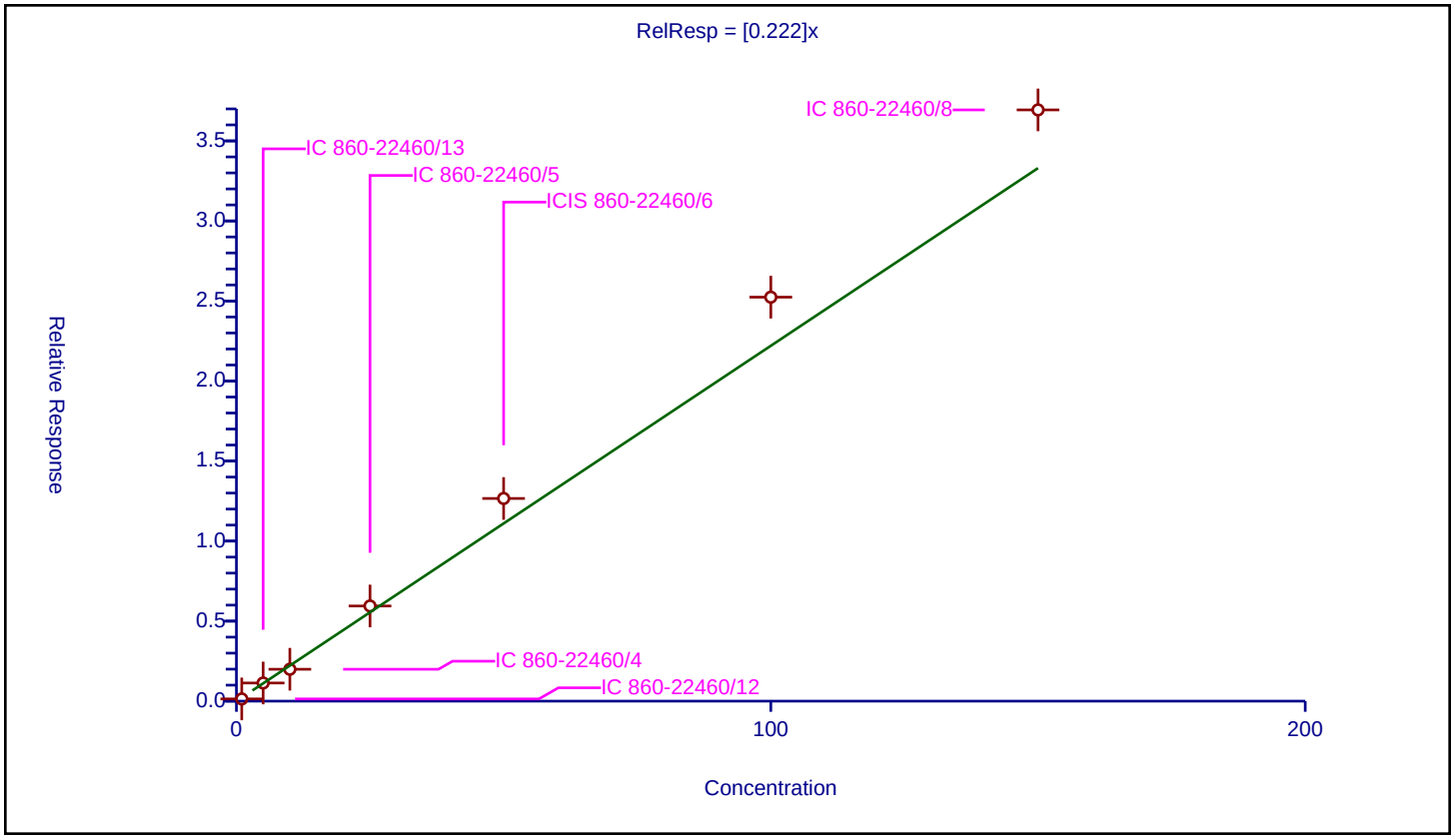
Curve Coefficients

Intercept:	0
Slope:	0.222

Error Coefficients

Standard Error:	223000
Relative Standard Error:	18.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.967

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	0.138441	50.0	456512.0	0.138441	Y
2	IC 860-22460/13	5.0	1.133572	50.0	431512.0	0.226714	Y
3	IC 860-22460/4	10.0	1.992134	50.0	455893.0	0.199213	Y
4	IC 860-22460/5	25.0	5.944716	50.0	440921.0	0.237789	Y
5	ICIS 860-22460/6	50.0	12.661429	50.0	499446.0	0.253229	Y
6	IC 860-22460/10	100.0	25.237495	50.0	575590.0	0.252375	Y
7	IC 860-22460/8	150.0	36.936627	50.0	599026.0	0.246244	Y



Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

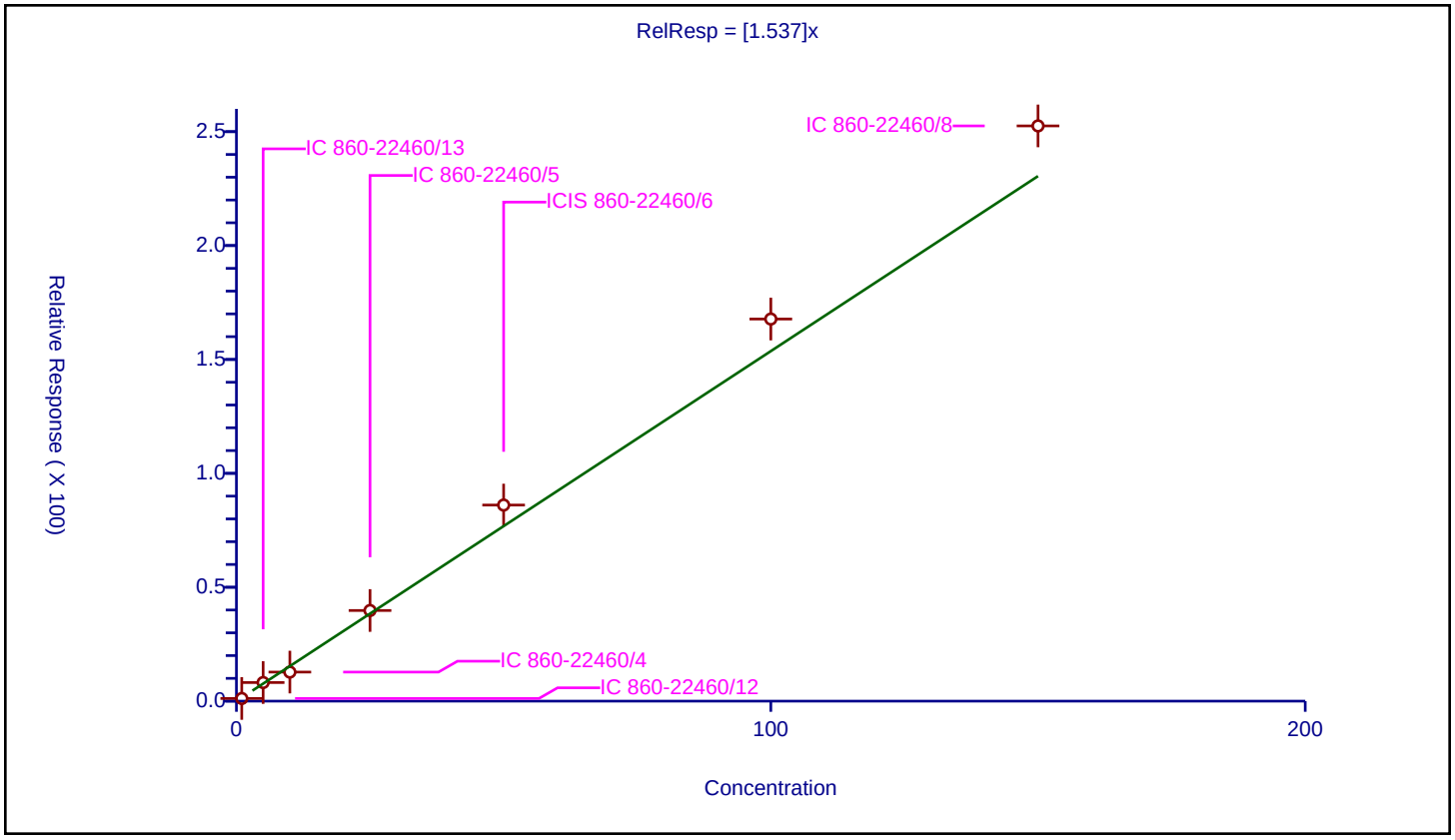
Curve Coefficients

Intercept:	0
Slope:	1.537

Error Coefficients

Standard Error:	1510000
Relative Standard Error:	14.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	1.17182	50.0	456512.0	1.17182	Y
2	IC 860-22460/13	5.0	8.169761	50.0	431512.0	1.633952	Y
3	IC 860-22460/4	10.0	12.757489	50.0	455893.0	1.275749	Y
4	IC 860-22460/5	25.0	39.791709	50.0	440921.0	1.591668	Y
5	ICIS 860-22460/6	50.0	86.084782	50.0	499446.0	1.721696	Y
6	IC 860-22460/10	100.0	167.745531	50.0	575590.0	1.677455	Y
7	IC 860-22460/8	150.0	252.532778	50.0	599026.0	1.683552	Y



Calibration / Cyclohexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

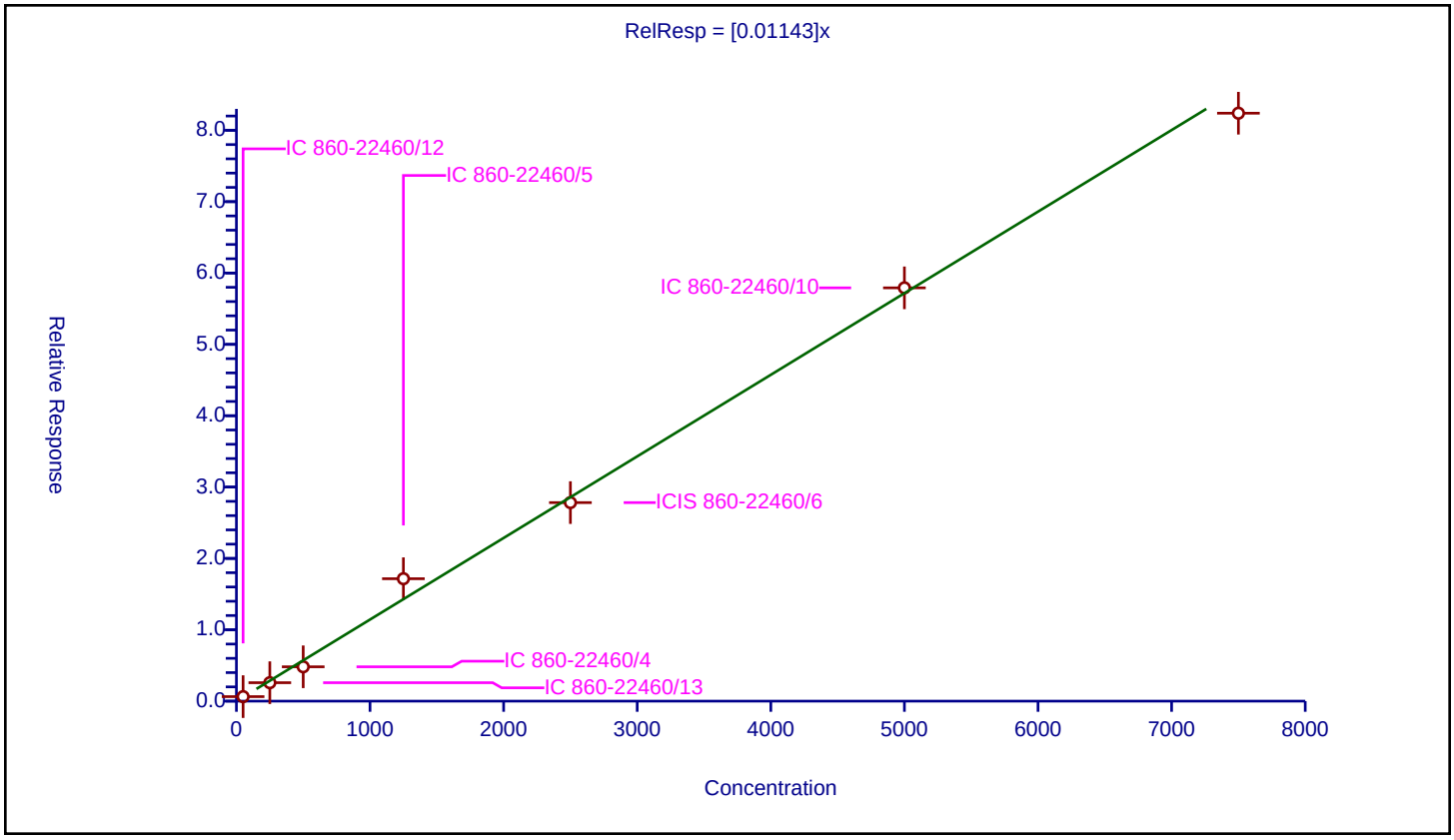
Curve Coefficients

Intercept:	0
Slope:	0.01143

Error Coefficients

Standard Error:	504000
Relative Standard Error:	12.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	50.0	0.632075	50.0	456512.0	0.012642	Y
2	IC 860-22460/13	250.0	2.58498	50.0	431512.0	0.01034	Y
3	IC 860-22460/4	500.0	4.811984	50.0	455893.0	0.009624	Y
4	IC 860-22460/5	1250.0	17.157609	50.0	440921.0	0.013726	Y
5	ICIS 860-22460/6	2500.0	27.82463	50.0	499446.0	0.01113	Y
6	IC 860-22460/10	5000.0	57.920916	50.0	575590.0	0.011584	Y
7	IC 860-22460/8	7500.0	82.394838	50.0	599026.0	0.010986	Y



Calibration / 4-Bromofluorobenzene (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

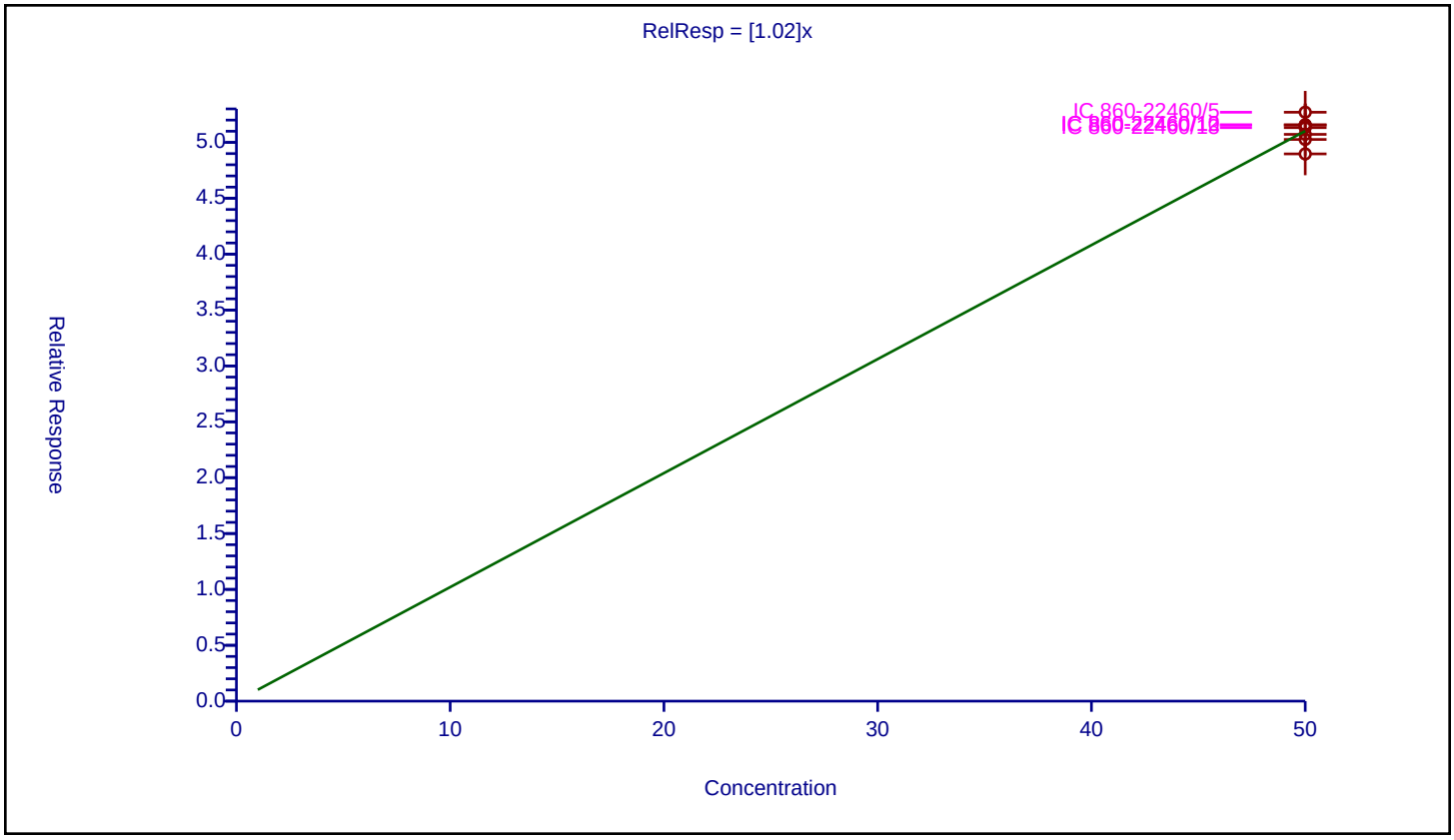
Curve Coefficients

Intercept:	0
Slope:	1.02

Error Coefficients

Standard Error:	265000
Relative Standard Error:	2.3
Correlation Coefficient:	0.00000000000000000000
Coefficient of Determination (Adjusted):	0.000000000000000222

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/4	50.0	50.722009	50.0	221950.0	1.01444	Y
2	IC 860-22460/5	50.0	52.699586	50.0	203772.0	1.053992	Y
3	ICIS 860-22460/6	50.0	48.972947	50.0	257533.0	0.979459	Y
4	IC 860-22460/8	50.0	50.263666	50.0	298294.0	1.005273	Y
5	IC 860-22460/10	50.0	51.578538	50.0	281843.0	1.031571	Y
6	IC 860-22460/12	50.0	51.549965	50.0	209166.0	1.030999	Y
7	IC 860-22460/13	50.0	51.31861	50.0	195433.0	1.026372	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

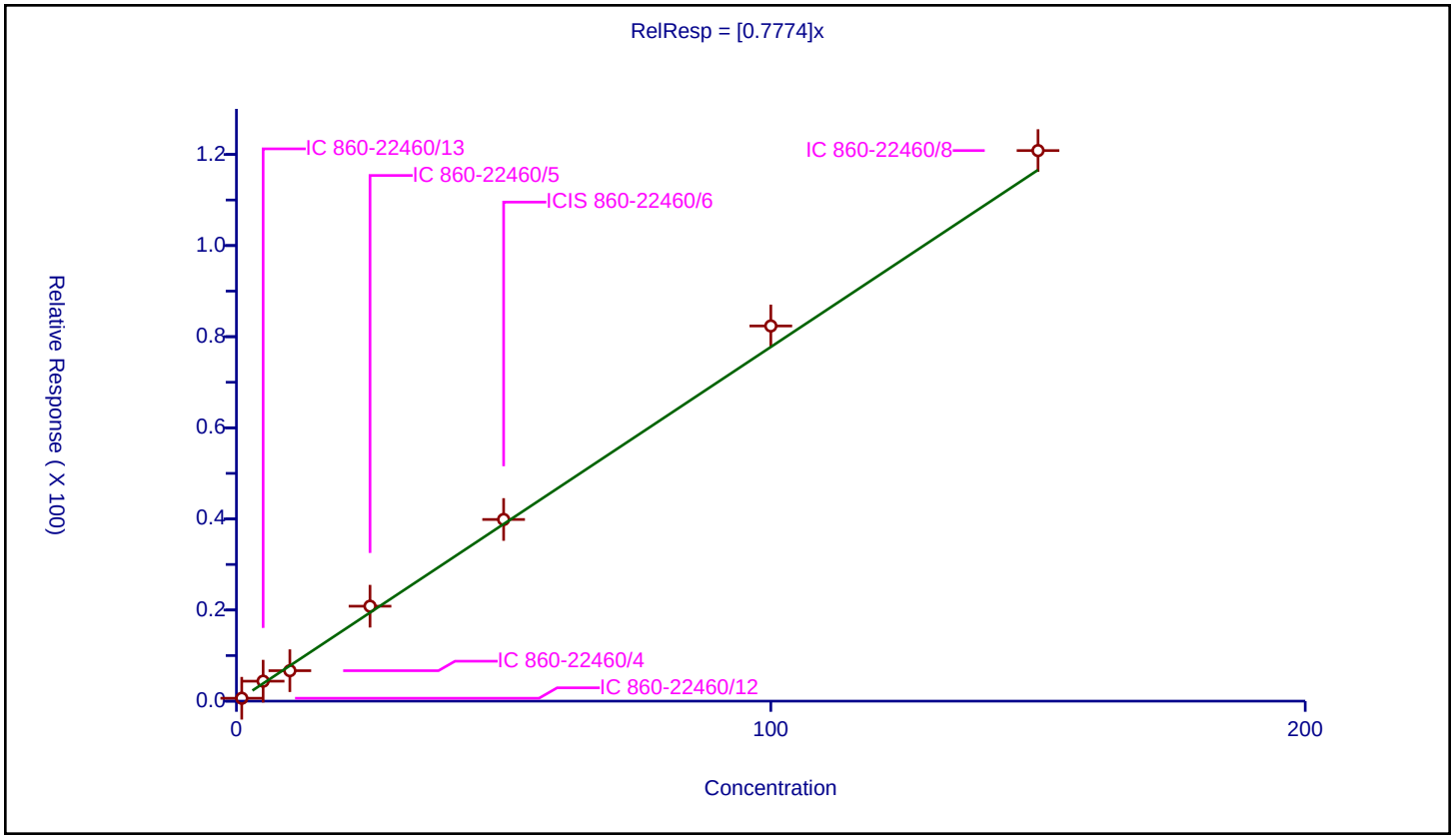
Curve Coefficients

Intercept:	0
Slope:	0.7774

Error Coefficients

Standard Error:	362000
Relative Standard Error:	11.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	0.636337	50.0	209166.0	0.636337	Y
2	IC 860-22460/13	5.0	4.381297	50.0	195433.0	0.876259	Y
3	IC 860-22460/4	10.0	6.687542	50.0	221950.0	0.668754	Y
4	IC 860-22460/5	25.0	20.841676	50.0	203772.0	0.833667	Y
5	ICIS 860-22460/6	50.0	39.873531	50.0	257533.0	0.797471	Y
6	IC 860-22460/10	100.0	82.354006	50.0	281843.0	0.82354	Y
7	IC 860-22460/8	150.0	120.848894	50.0	298294.0	0.805659	Y



Calibration / 1,1,2,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

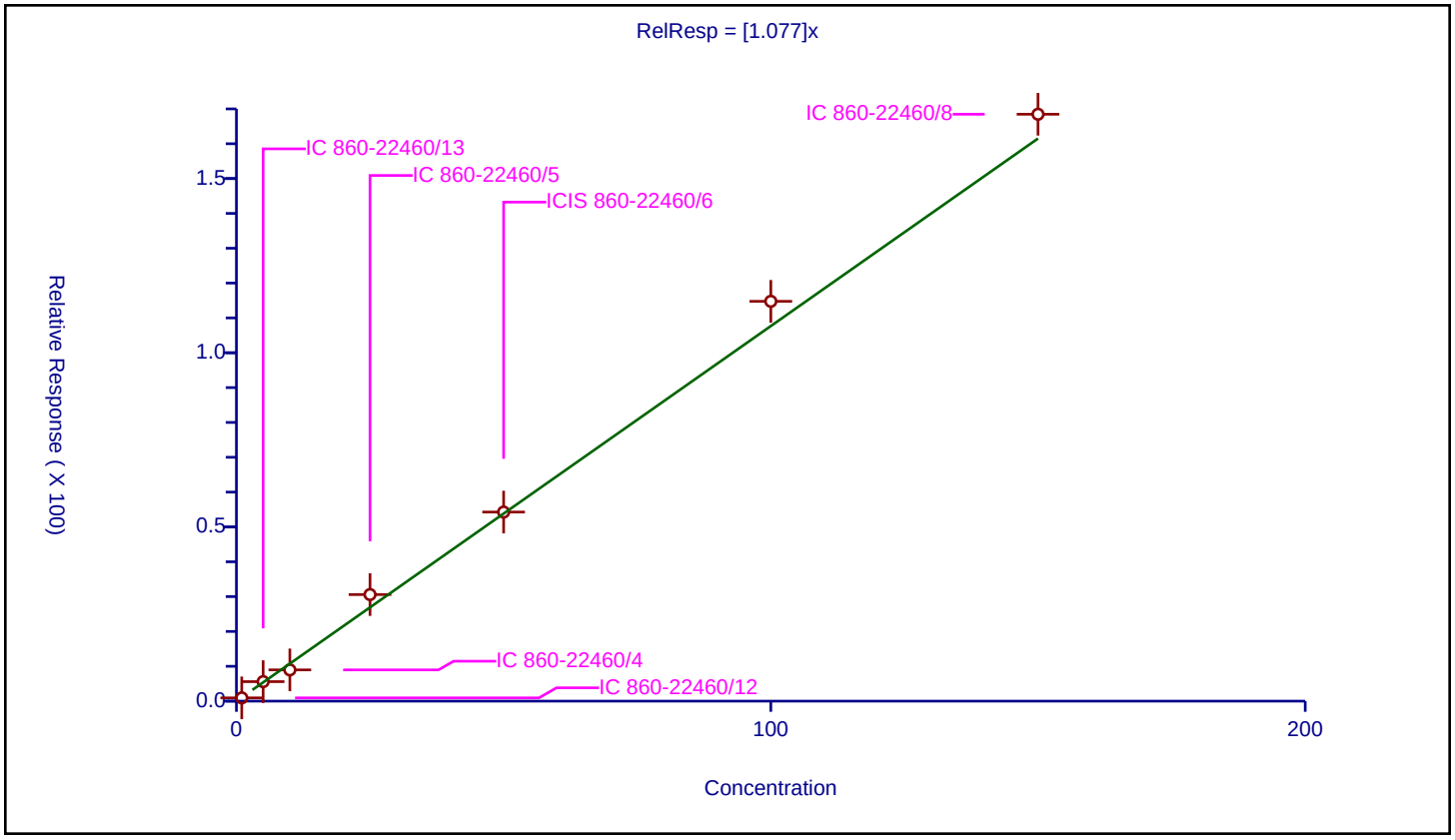
Curve Coefficients

Intercept:	0
Slope:	1.077

Error Coefficients

Standard Error:	504000
Relative Standard Error:	10.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	0.939923	50.0	209166.0	0.939923	Y
2	IC 860-22460/13	5.0	5.596547	50.0	195433.0	1.119309	Y
3	IC 860-22460/4	10.0	8.97522	50.0	221950.0	0.897522	Y
4	IC 860-22460/5	25.0	30.592034	50.0	203772.0	1.223681	Y
5	ICIS 860-22460/6	50.0	54.275569	50.0	257533.0	1.085511	Y
6	IC 860-22460/10	100.0	114.765667	50.0	281843.0	1.147657	Y
7	IC 860-22460/8	150.0	168.462825	50.0	298294.0	1.123086	Y



Calibration / 1,2,3-Trichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

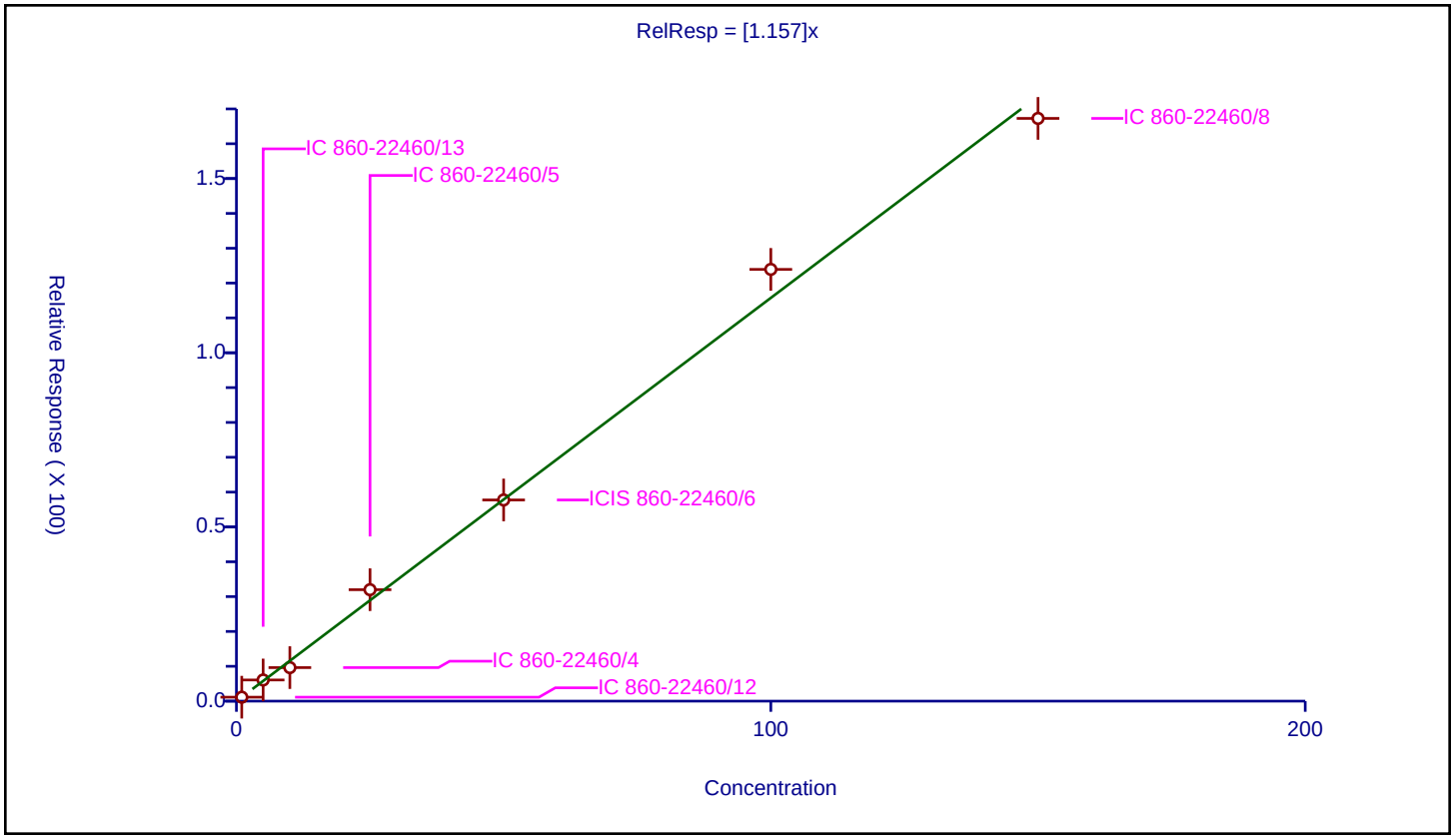
Curve Coefficients

Intercept:	0
Slope:	1.157

Error Coefficients

Standard Error:	515000
Relative Standard Error:	9.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	1.13594	50.0	209166.0	1.13594	Y
2	IC 860-22460/13	5.0	6.072414	50.0	195433.0	1.214483	Y
3	IC 860-22460/4	10.0	9.628069	50.0	221950.0	0.962807	Y
4	IC 860-22460/5	25.0	31.990165	50.0	203772.0	1.279607	Y
5	ICIS 860-22460/6	50.0	57.745998	50.0	257533.0	1.15492	Y
6	IC 860-22460/10	100.0	123.927328	50.0	281843.0	1.239273	Y
7	IC 860-22460/8	150.0	167.268366	50.0	298294.0	1.115122	Y



Calibration / trans-1,4-Dichloro-2-butene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

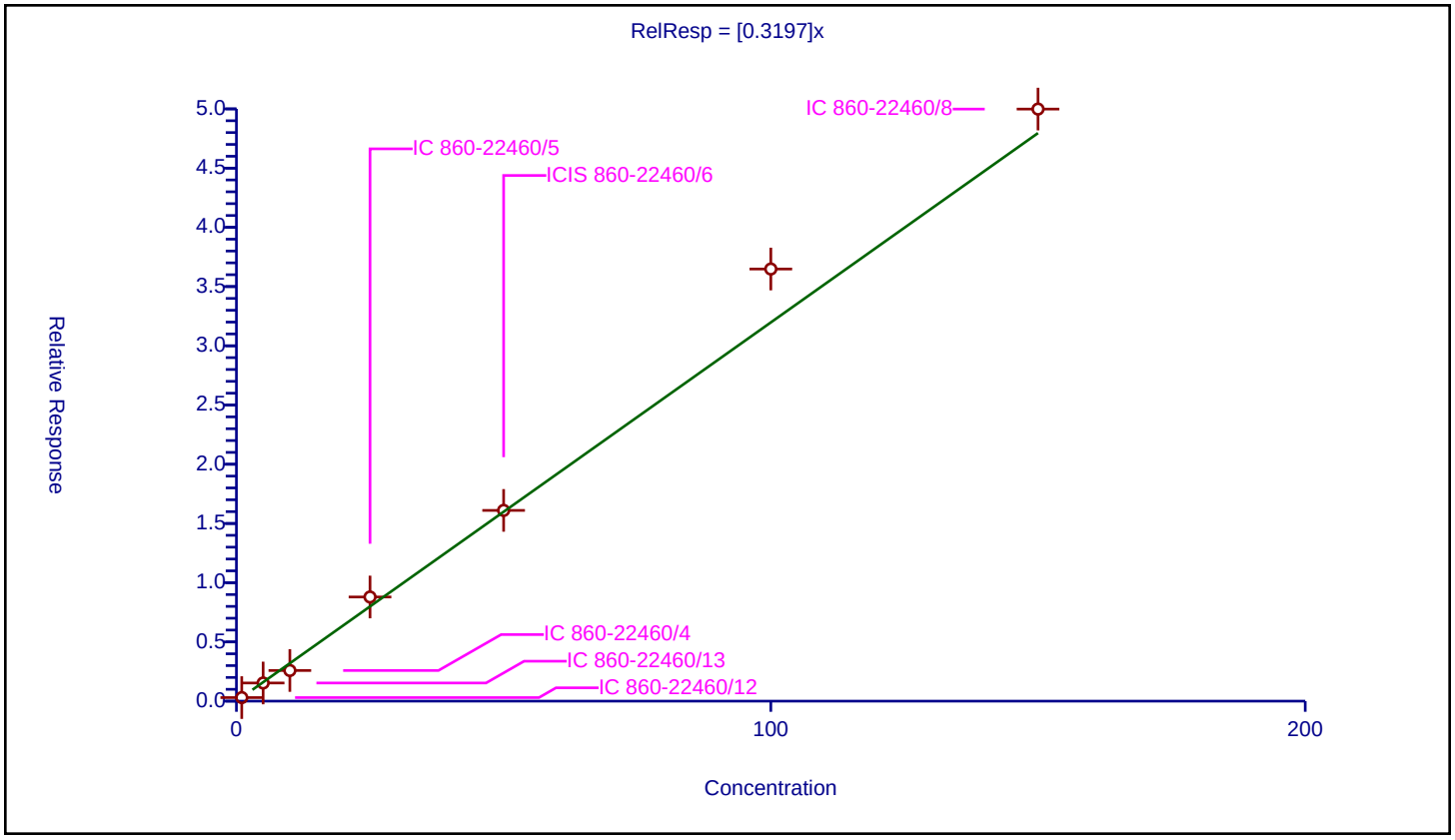
Curve Coefficients

Intercept:	0
Slope:	0.3197

Error Coefficients

Standard Error:	152000
Relative Standard Error:	11.1
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	0.301196	50.0	209166.0	0.301196	Y
2	IC 860-22460/13	5.0	1.531983	50.0	195433.0	0.306397	Y
3	IC 860-22460/4	10.0	2.586168	50.0	221950.0	0.258617	Y
4	IC 860-22460/5	25.0	8.792916	50.0	203772.0	0.351717	Y
5	ICIS 860-22460/6	50.0	16.102208	50.0	257533.0	0.322044	Y
6	IC 860-22460/10	100.0	36.480594	50.0	281843.0	0.364806	Y
7	IC 860-22460/8	150.0	49.984747	50.0	298294.0	0.333232	Y



Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

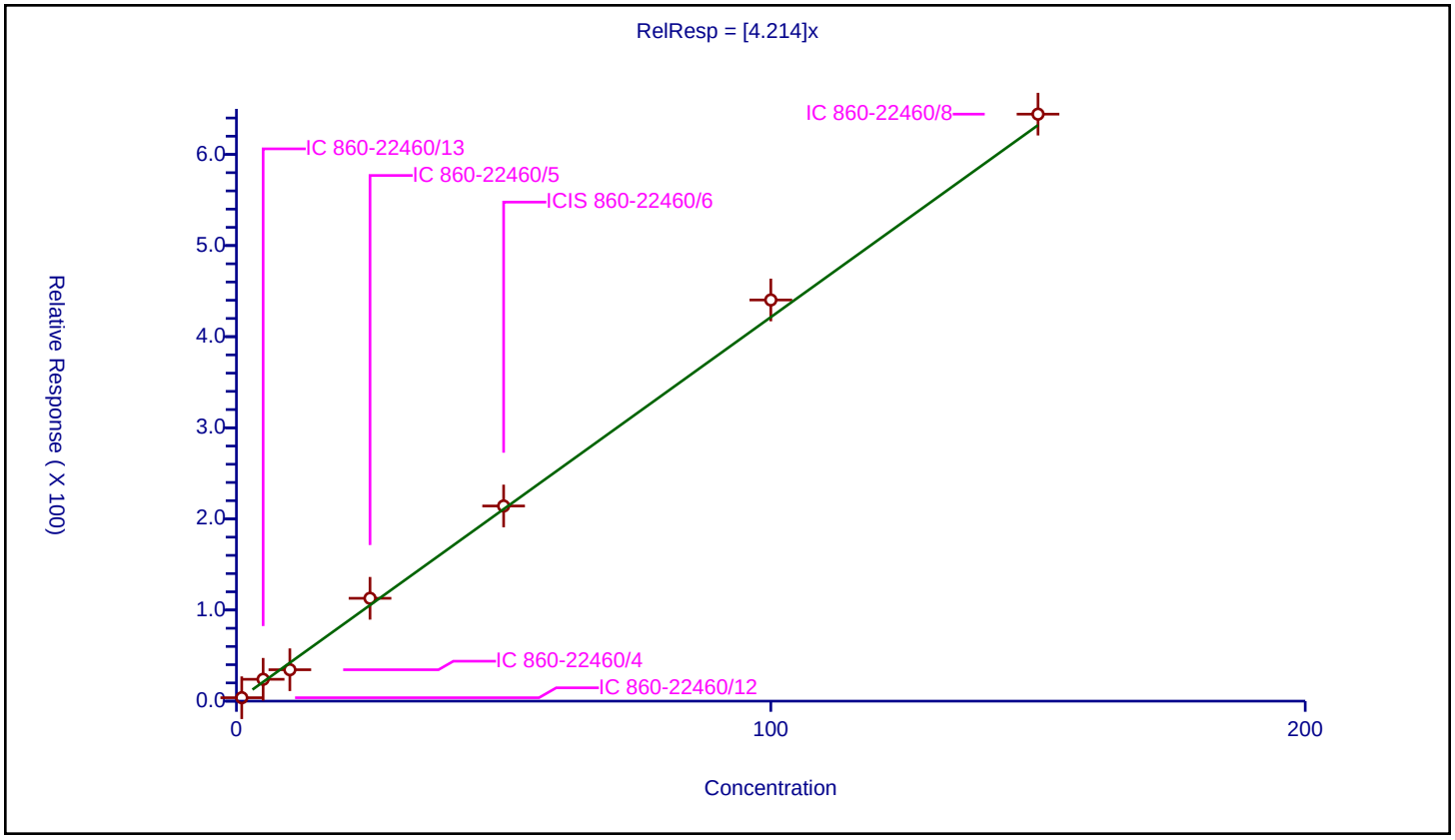
Curve Coefficients

Intercept:	0
Slope:	4.214

Error Coefficients

Standard Error:	1930000
Relative Standard Error:	10.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	3.758976	50.0	209166.0	3.758976	Y
2	IC 860-22460/13	5.0	23.985714	50.0	195433.0	4.797143	Y
3	IC 860-22460/4	10.0	34.477585	50.0	221950.0	3.447759	Y
4	IC 860-22460/5	25.0	112.886707	50.0	203772.0	4.515468	Y
5	ICIS 860-22460/6	50.0	214.186531	50.0	257533.0	4.283731	Y
6	IC 860-22460/10	100.0	440.291758	50.0	281843.0	4.402918	Y
7	IC 860-22460/8	150.0	644.254159	50.0	298294.0	4.295028	Y



Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

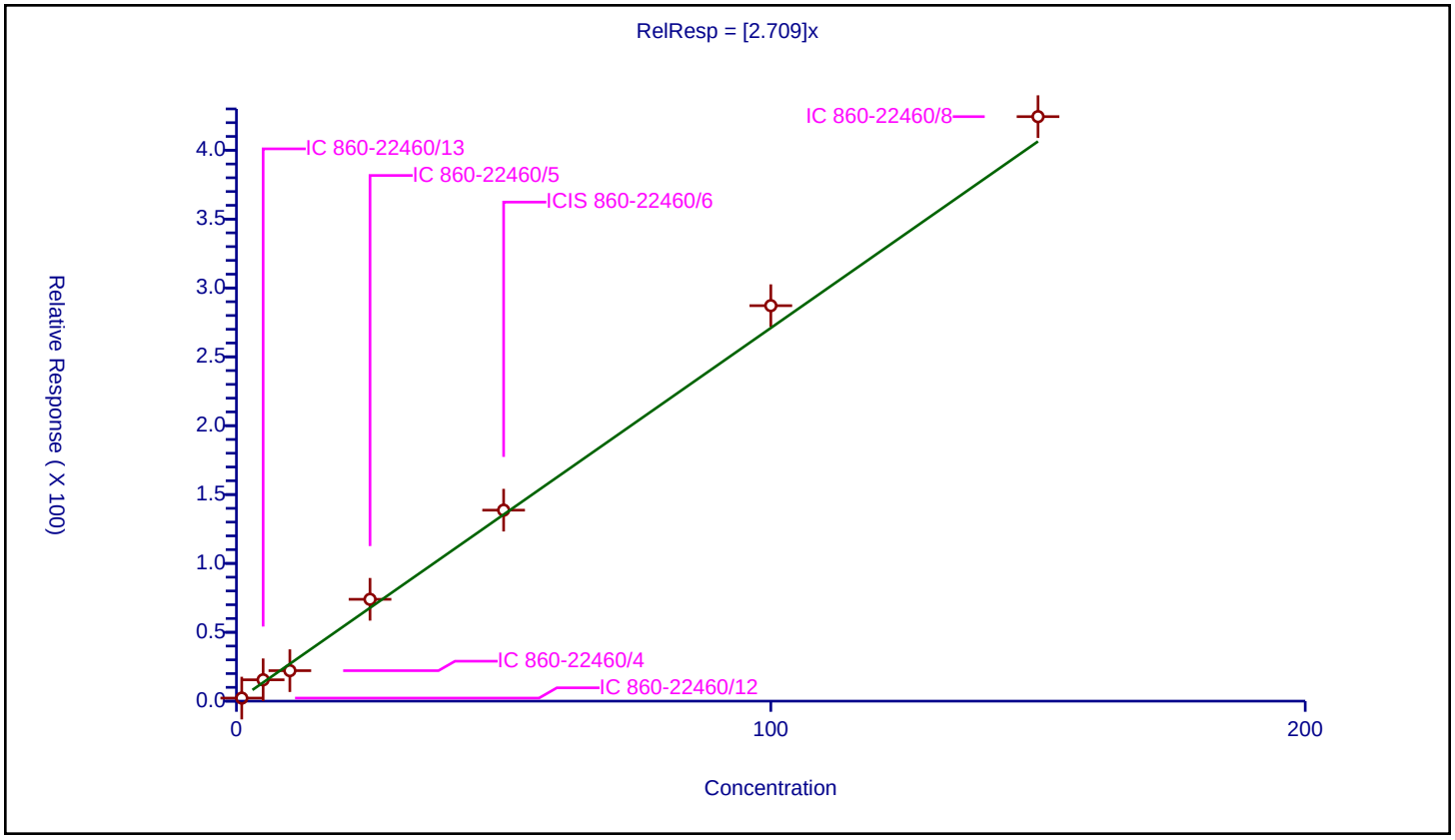
Curve Coefficients

Intercept:	0
Slope:	2.709

Error Coefficients

Standard Error:	1270000
Relative Standard Error:	13.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	2.223354	50.0	209166.0	2.223354	Y
2	IC 860-22460/13	5.0	15.490219	50.0	195433.0	3.098044	Y
3	IC 860-22460/4	10.0	22.134039	50.0	221950.0	2.213404	Y
4	IC 860-22460/5	25.0	73.930668	50.0	203772.0	2.957227	Y
5	ICIS 860-22460/6	50.0	138.65427	50.0	257533.0	2.773085	Y
6	IC 860-22460/10	100.0	287.128472	50.0	281843.0	2.871285	Y
7	IC 860-22460/8	150.0	424.379471	50.0	298294.0	2.829196	Y



Calibration / 4-Ethyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

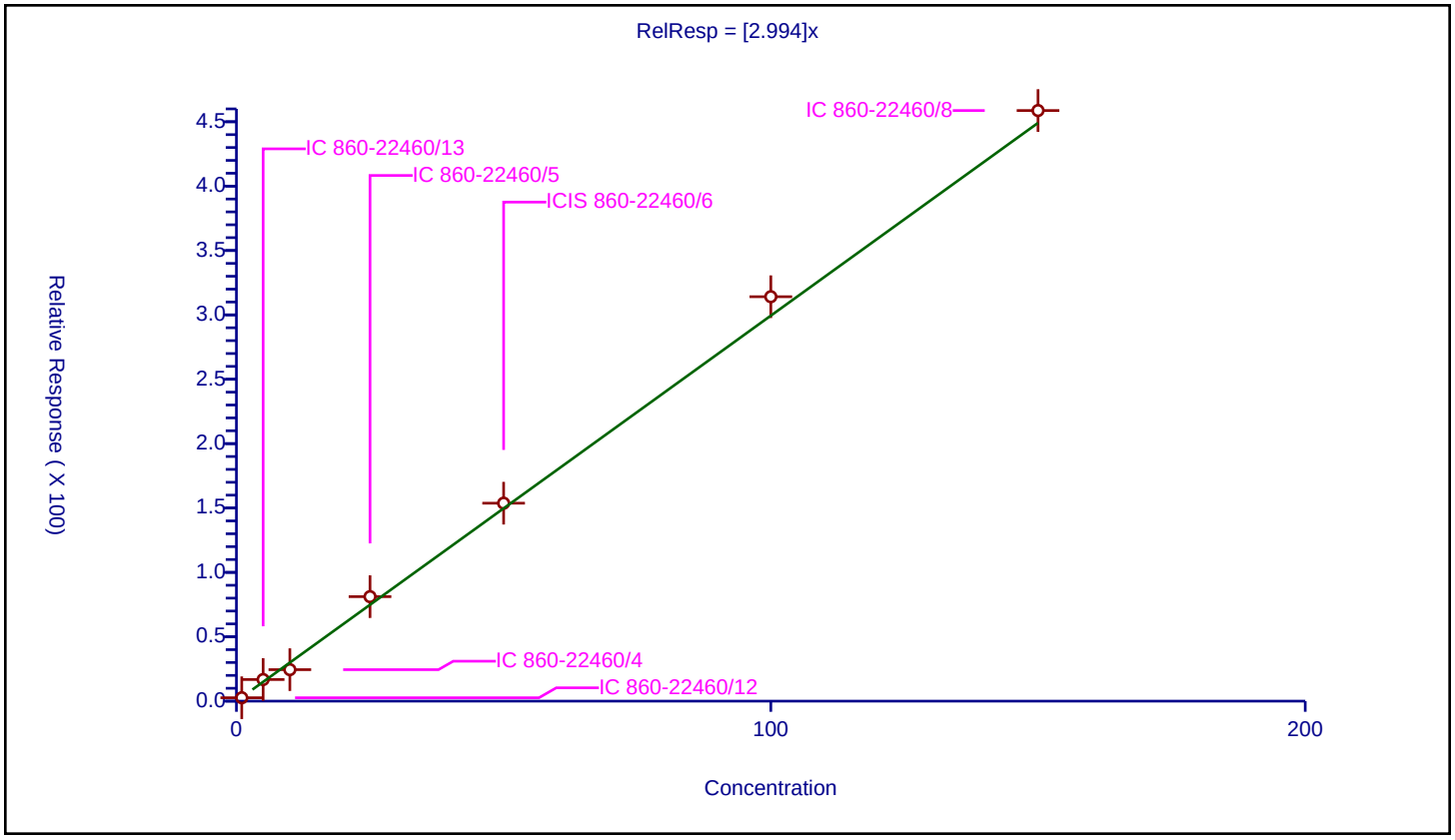
Curve Coefficients

Intercept:	0
Slope:	2.994

Error Coefficients

Standard Error:	1380000
Relative Standard Error:	11.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	2.633793	50.0	209166.0	2.633793	Y
2	IC 860-22460/13	5.0	16.791432	50.0	195433.0	3.358286	Y
3	IC 860-22460/4	10.0	24.45303	50.0	221950.0	2.445303	Y
4	IC 860-22460/5	25.0	81.158353	50.0	203772.0	3.246334	Y
5	ICIS 860-22460/6	50.0	153.745539	50.0	257533.0	3.074911	Y
6	IC 860-22460/10	100.0	314.118853	50.0	281843.0	3.141189	Y
7	IC 860-22460/8	150.0	458.713216	50.0	298294.0	3.058088	Y



Calibration / 1,3,5-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

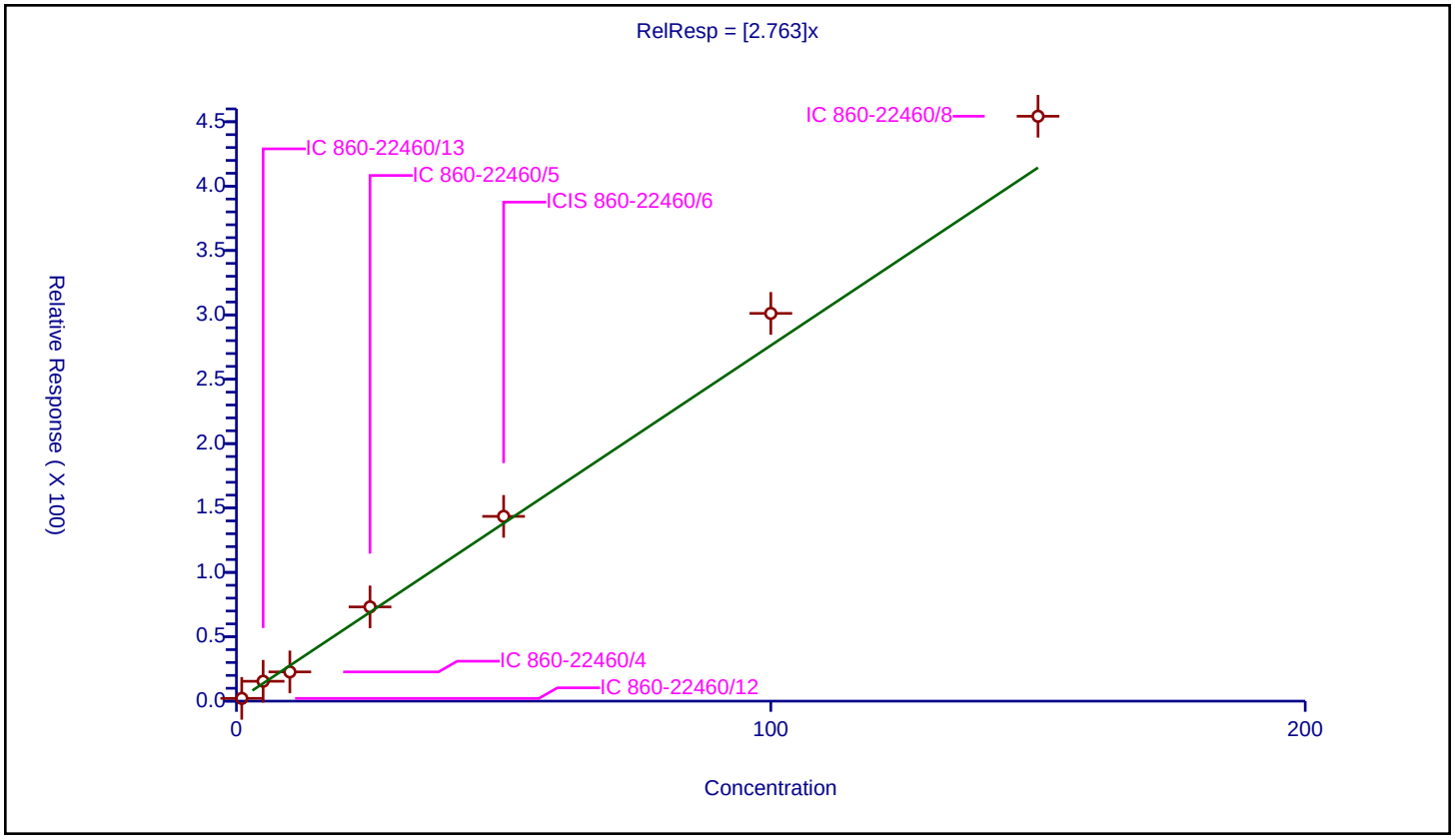
Curve Coefficients

Intercept:	0
Slope:	2.763

Error Coefficients

Standard Error:	1350000
Relative Standard Error:	14.1
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	2.139688	50.0	209166.0	2.139688	Y
2	IC 860-22460/13	5.0	15.446214	50.0	195433.0	3.089243	Y
3	IC 860-22460/4	10.0	22.706691	50.0	221950.0	2.270669	Y
4	IC 860-22460/5	25.0	73.185472	50.0	203772.0	2.927419	Y
5	ICIS 860-22460/6	50.0	143.514423	50.0	257533.0	2.870288	Y
6	IC 860-22460/10	100.0	301.163946	50.0	281843.0	3.011639	Y
7	IC 860-22460/8	150.0	454.298444	50.0	298294.0	3.028656	Y



Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

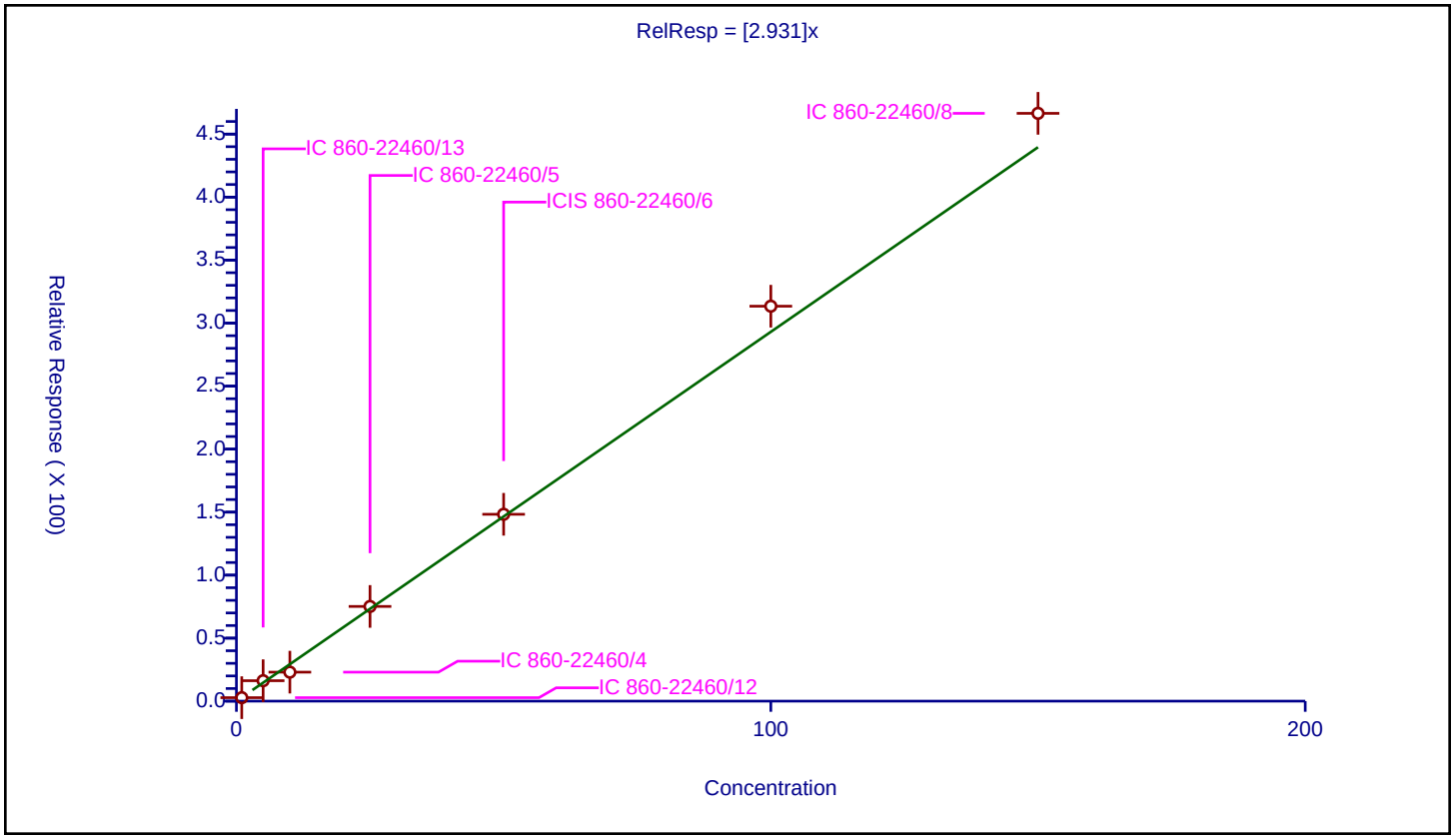
Curve Coefficients

Intercept:	0
Slope:	2.931

Error Coefficients

Standard Error:	1390000
Relative Standard Error:	10.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	2.751642	50.0	209166.0	2.751642	Y
2	IC 860-22460/13	5.0	16.221928	50.0	195433.0	3.244386	Y
3	IC 860-22460/4	10.0	23.011264	50.0	221950.0	2.301126	Y
4	IC 860-22460/5	25.0	75.160719	50.0	203772.0	3.006429	Y
5	ICIS 860-22460/6	50.0	148.29284	50.0	257533.0	2.965857	Y
6	IC 860-22460/10	100.0	313.43035	50.0	281843.0	3.134303	Y
7	IC 860-22460/8	150.0	466.472675	50.0	298294.0	3.109818	Y



Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

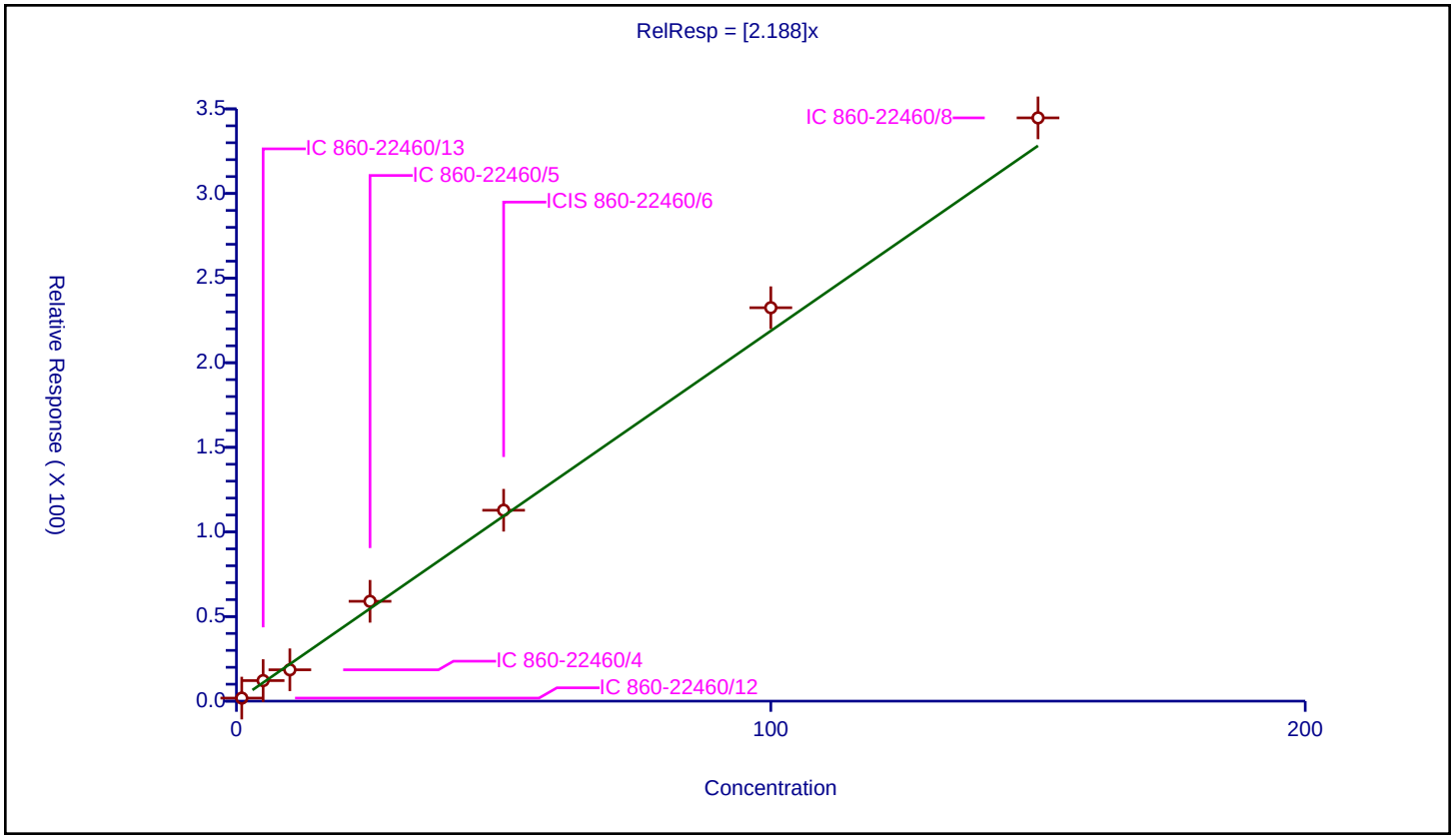
Curve Coefficients

Intercept:	0
Slope:	2.188

Error Coefficients

Standard Error:	1030000
Relative Standard Error:	11.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	1.794747	50.0	209166.0	1.794747	Y
2	IC 860-22460/13	5.0	12.143804	50.0	195433.0	2.428761	Y
3	IC 860-22460/4	10.0	18.536382	50.0	221950.0	1.853638	Y
4	IC 860-22460/5	25.0	59.000991	50.0	203772.0	2.36004	Y
5	ICIS 860-22460/6	50.0	112.815833	50.0	257533.0	2.256317	Y
6	IC 860-22460/10	100.0	232.506928	50.0	281843.0	2.325069	Y
7	IC 860-22460/8	150.0	344.691144	50.0	298294.0	2.297941	Y



Calibration / 1,2,4-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

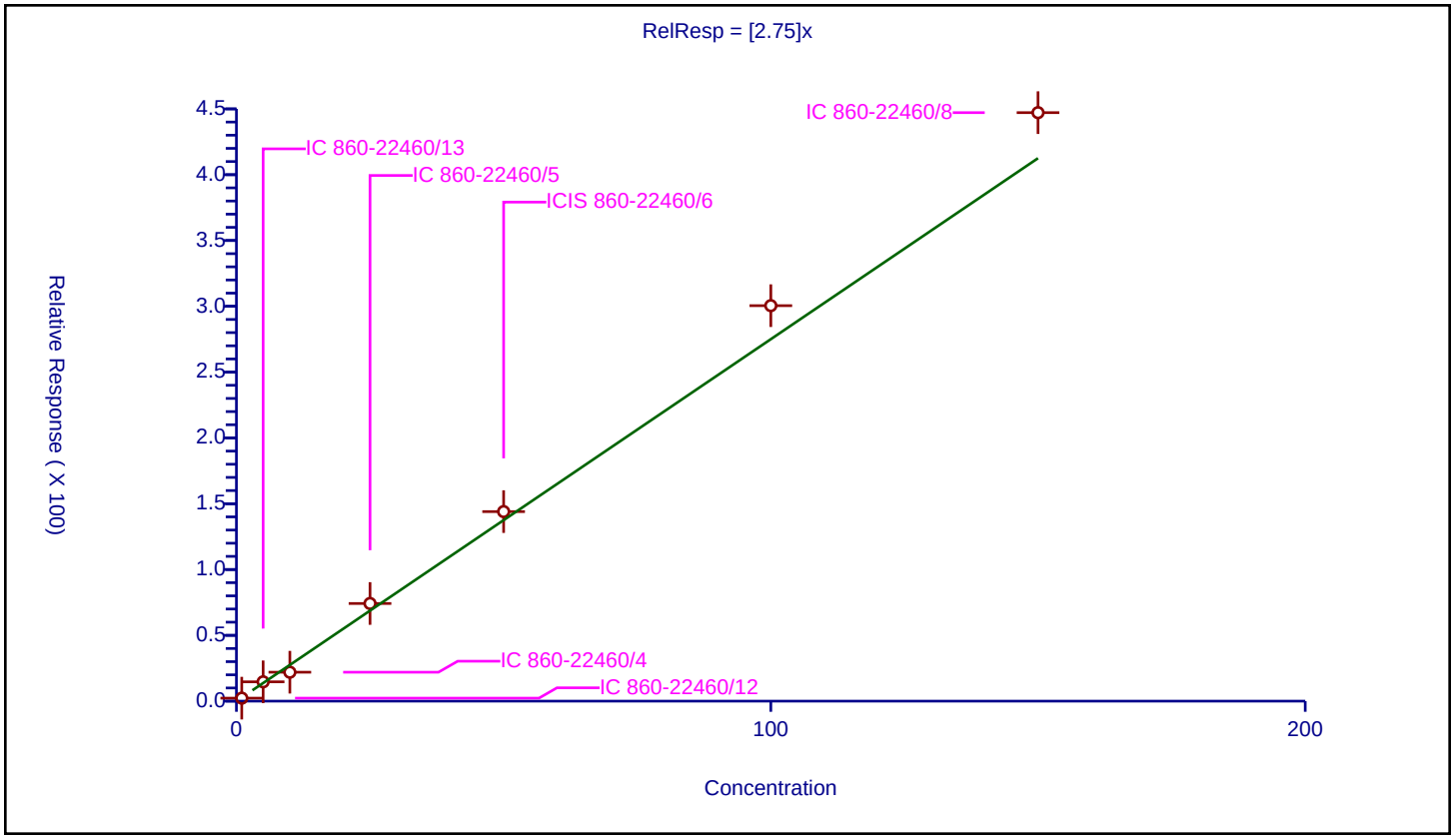
Curve Coefficients

Intercept:	0
Slope:	2.75

Error Coefficients

Standard Error:	1330000
Relative Standard Error:	12.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	2.283354	50.0	209166.0	2.283354	Y
2	IC 860-22460/13	5.0	14.674339	50.0	195433.0	2.934868	Y
3	IC 860-22460/4	10.0	21.98333	50.0	221950.0	2.198333	Y
4	IC 860-22460/5	25.0	74.206466	50.0	203772.0	2.968259	Y
5	ICIS 860-22460/6	50.0	144.026008	50.0	257533.0	2.88052	Y
6	IC 860-22460/10	100.0	300.497617	50.0	281843.0	3.004976	Y
7	IC 860-22460/8	150.0	447.139735	50.0	298294.0	2.980932	Y



Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

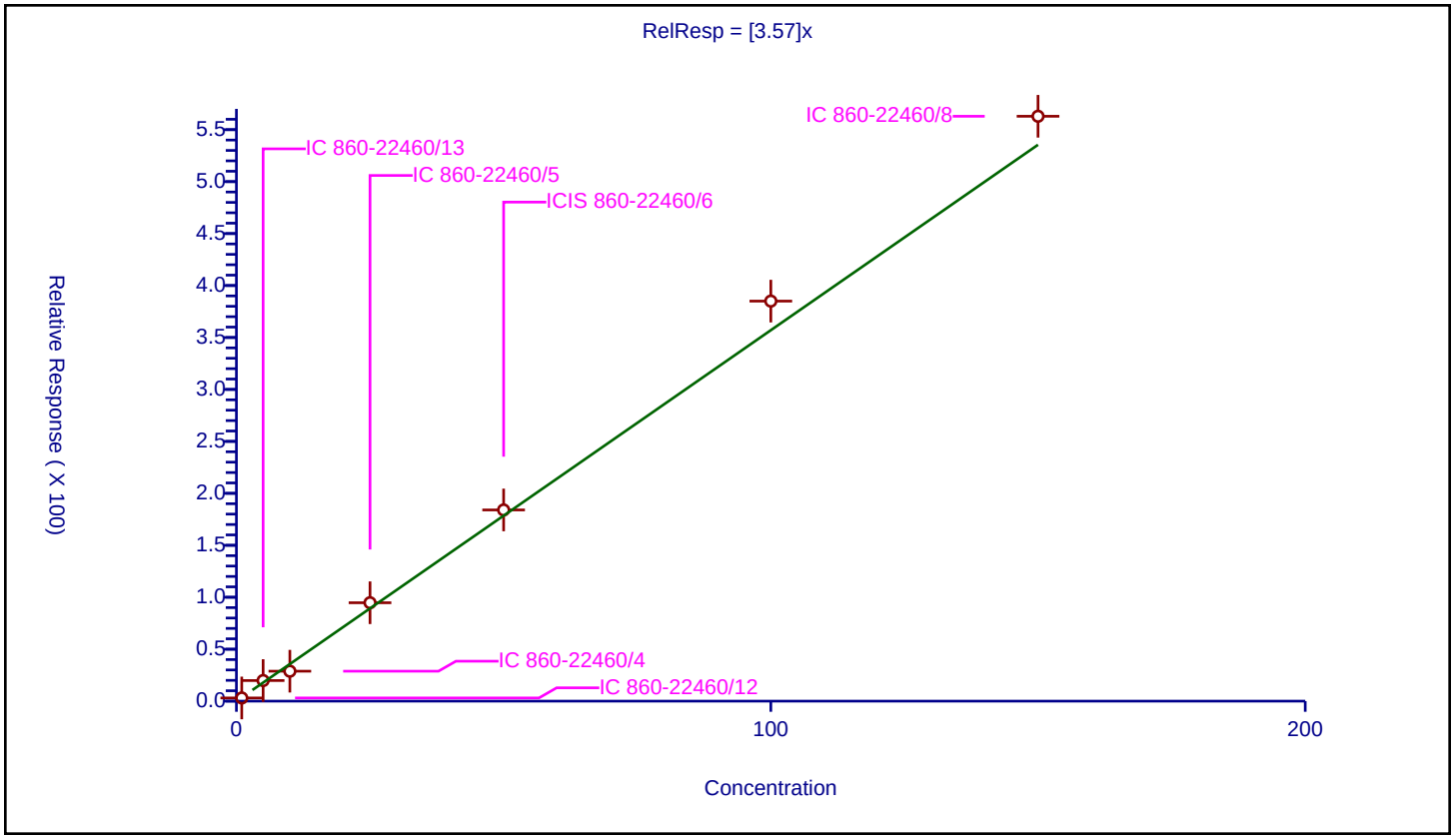
Curve Coefficients

Intercept:	0
Slope:	3.57

Error Coefficients

Standard Error:	1690000
Relative Standard Error:	11.7
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	3.068615	50.0	209166.0	3.068615	Y
2	IC 860-22460/13	5.0	19.82879	50.0	195433.0	3.965758	Y
3	IC 860-22460/4	10.0	28.833296	50.0	221950.0	2.88333	Y
4	IC 860-22460/5	25.0	94.70732	50.0	203772.0	3.788293	Y
5	ICIS 860-22460/6	50.0	184.006516	50.0	257533.0	3.68013	Y
6	IC 860-22460/10	100.0	385.013642	50.0	281843.0	3.850136	Y
7	IC 860-22460/8	150.0	562.903042	50.0	298294.0	3.752687	Y



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

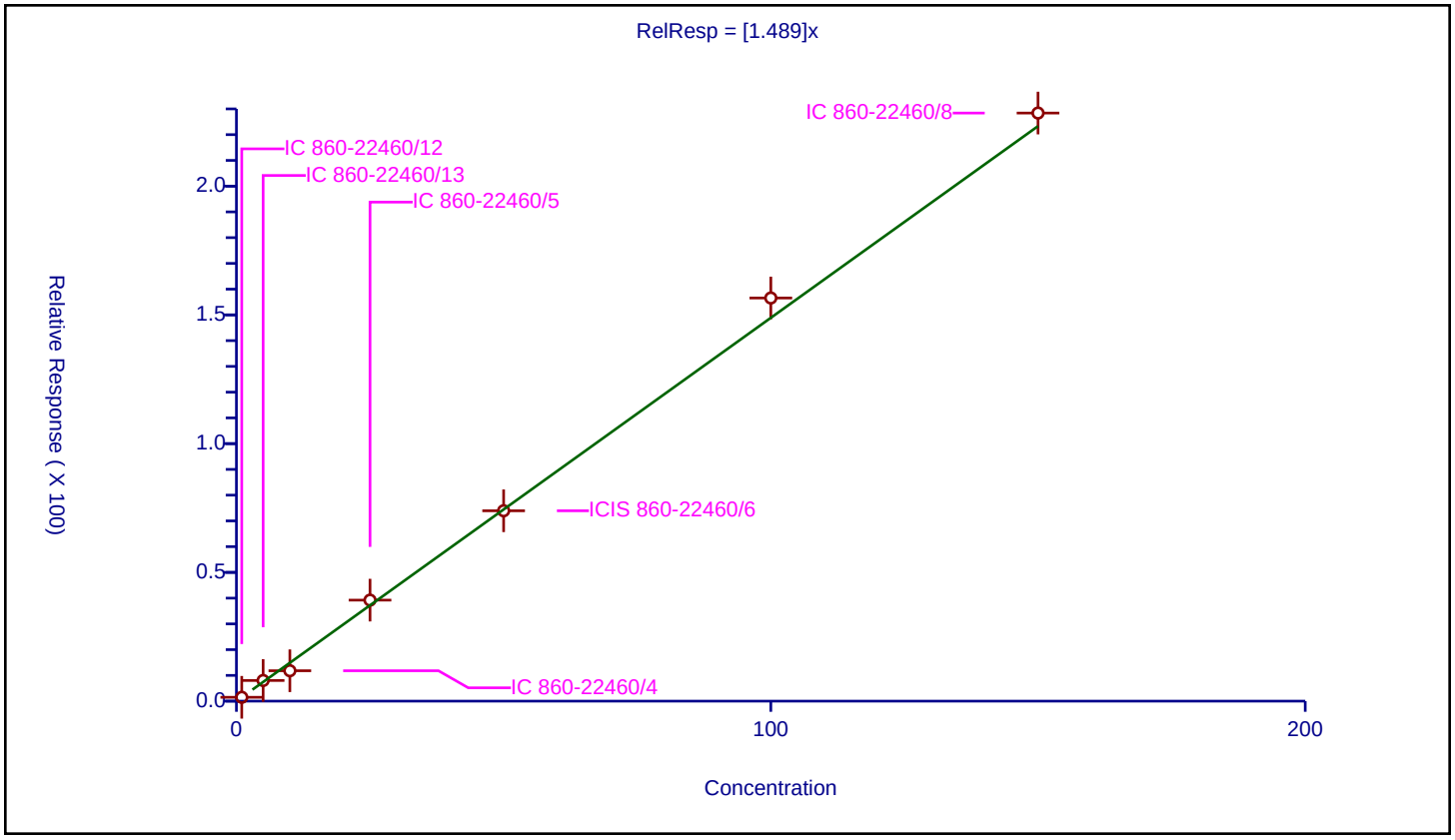
Curve Coefficients

Intercept:	0
Slope:	1.489

Error Coefficients

Standard Error:	684000
Relative Standard Error:	9.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	1.499049	50.0	209166.0	1.499049	Y
2	IC 860-22460/13	5.0	8.022954	50.0	195433.0	1.604591	Y
3	IC 860-22460/4	10.0	11.811444	50.0	221950.0	1.181144	Y
4	IC 860-22460/5	25.0	39.225458	50.0	203772.0	1.569018	Y
5	ICIS 860-22460/6	50.0	73.927225	50.0	257533.0	1.478544	Y
6	IC 860-22460/10	100.0	156.559326	50.0	281843.0	1.565593	Y
7	IC 860-22460/8	150.0	228.389609	50.0	298294.0	1.522597	Y



Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

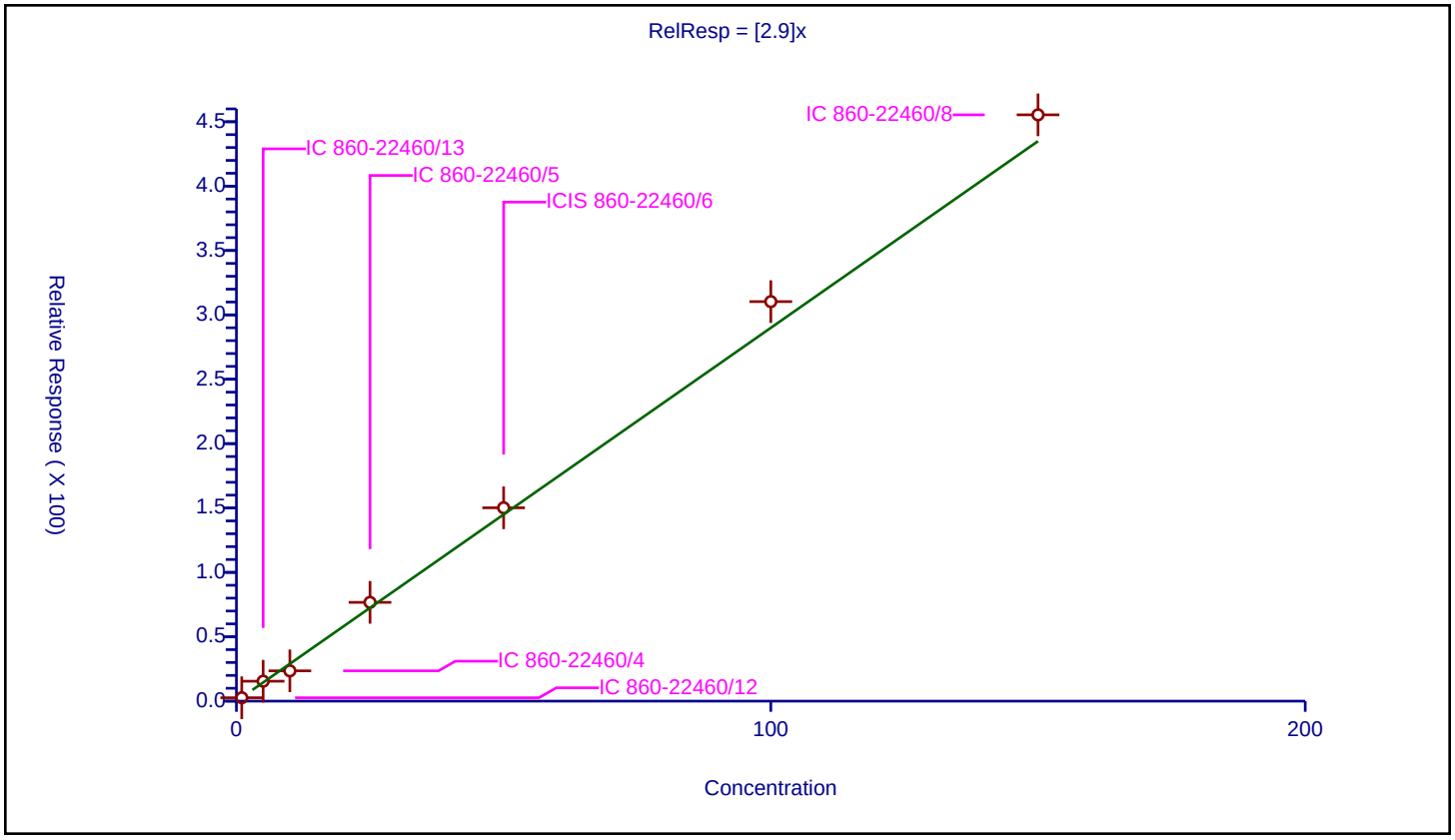
Curve Coefficients

Intercept:	0
Slope:	2.9

Error Coefficients

Standard Error:	1360000
Relative Standard Error:	10.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	2.63714	50.0	209166.0	2.63714	Y
2	IC 860-22460/13	5.0	15.475636	50.0	195433.0	3.095127	Y
3	IC 860-22460/4	10.0	23.530525	50.0	221950.0	2.353052	Y
4	IC 860-22460/5	25.0	76.721041	50.0	203772.0	3.068842	Y
5	ICIS 860-22460/6	50.0	150.175317	50.0	257533.0	3.003506	Y
6	IC 860-22460/10	100.0	310.318511	50.0	281843.0	3.103185	Y
7	IC 860-22460/8	150.0	455.394845	50.0	298294.0	3.035966	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

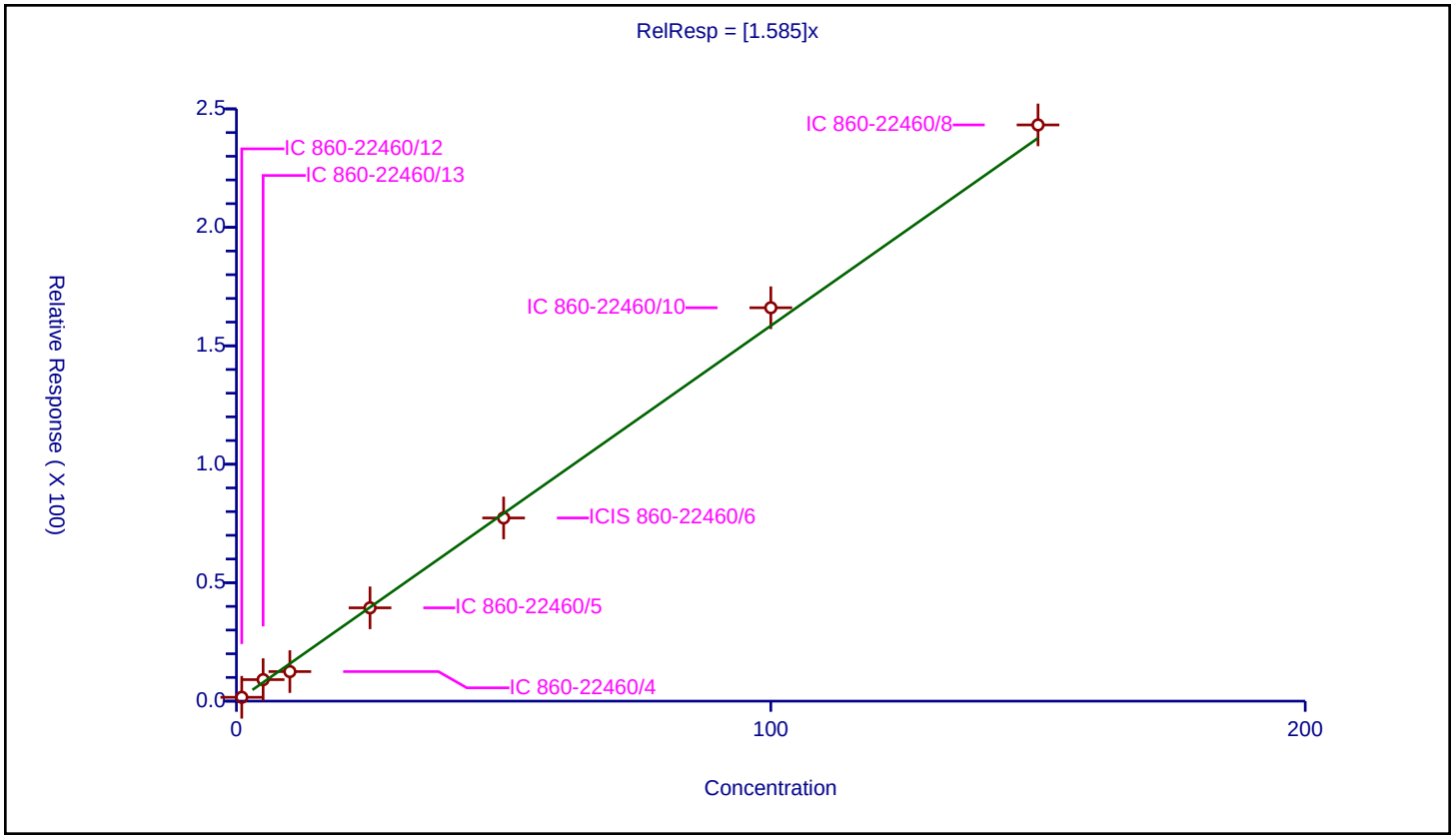
Curve Coefficients

Intercept:	0
Slope:	1.585

Error Coefficients

Standard Error:	727000
Relative Standard Error:	10.8
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	1.625742	50.0	209166.0	1.625742	Y
2	IC 860-22460/13	5.0	9.074465	50.0	195433.0	1.814893	Y
3	IC 860-22460/4	10.0	12.475783	50.0	221950.0	1.247578	Y
4	IC 860-22460/5	25.0	39.386177	50.0	203772.0	1.575447	Y
5	ICIS 860-22460/6	50.0	77.326595	50.0	257533.0	1.546532	Y
6	IC 860-22460/10	100.0	166.063908	50.0	281843.0	1.660639	Y
7	IC 860-22460/8	150.0	243.228493	50.0	298294.0	1.621523	Y



Calibration / Dicyclopentadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

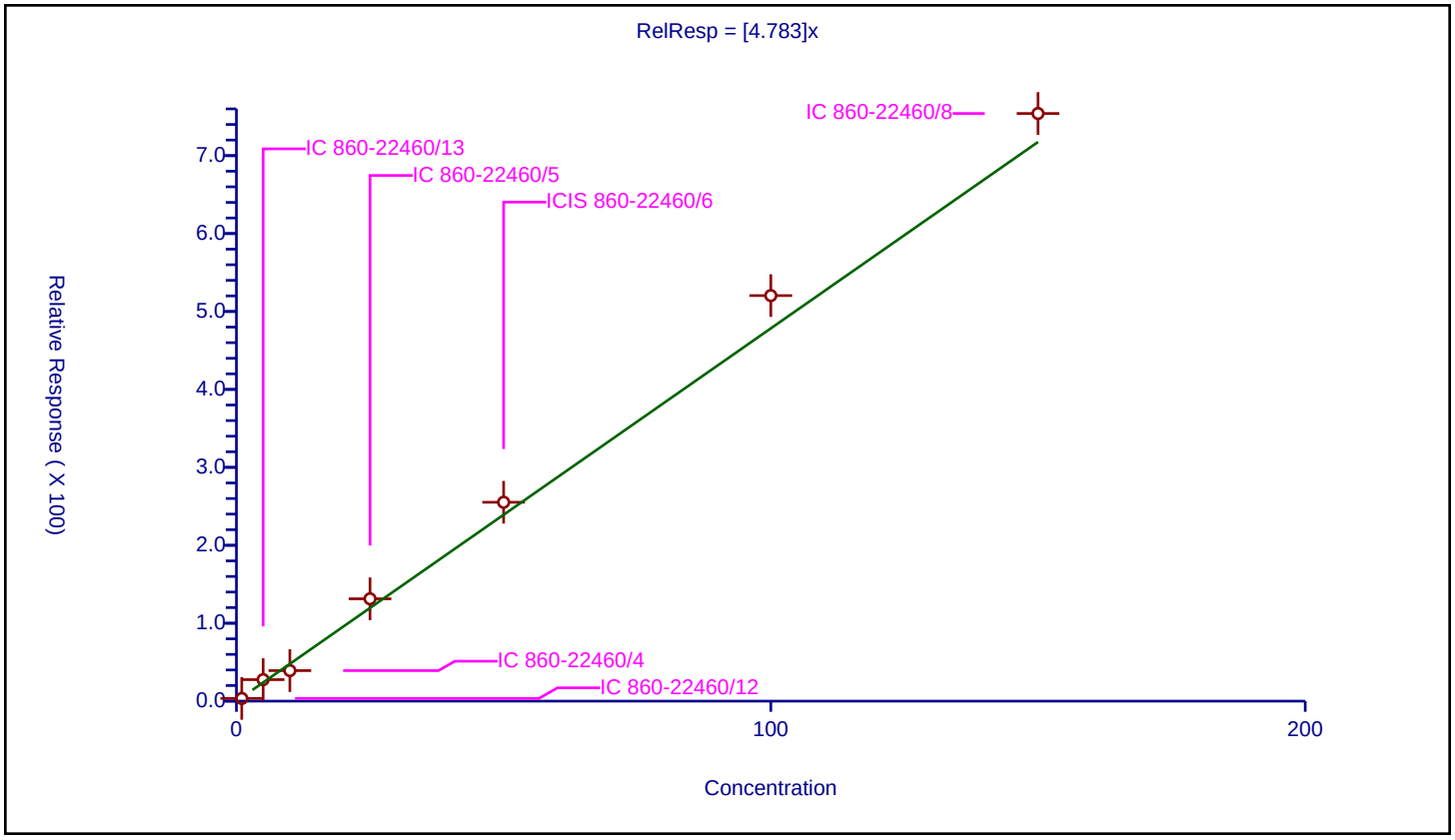
Curve Coefficients

Intercept:	0
Slope:	4.783

Error Coefficients

Standard Error:	2270000
Relative Standard Error:	16.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.974

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	3.456824	50.0	209166.0	3.456824	Y
2	IC 860-22460/13	5.0	27.592321	50.0	195433.0	5.518464	Y
3	IC 860-22460/4	10.0	39.189457	50.0	221950.0	3.918946	Y
4	IC 860-22460/5	25.0	131.329133	50.0	203772.0	5.253165	Y
5	ICIS 860-22460/6	50.0	255.228068	50.0	257533.0	5.104561	Y
6	IC 860-22460/10	100.0	520.425911	50.0	281843.0	5.204259	Y
7	IC 860-22460/8	150.0	754.073833	50.0	298294.0	5.027159	Y



Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

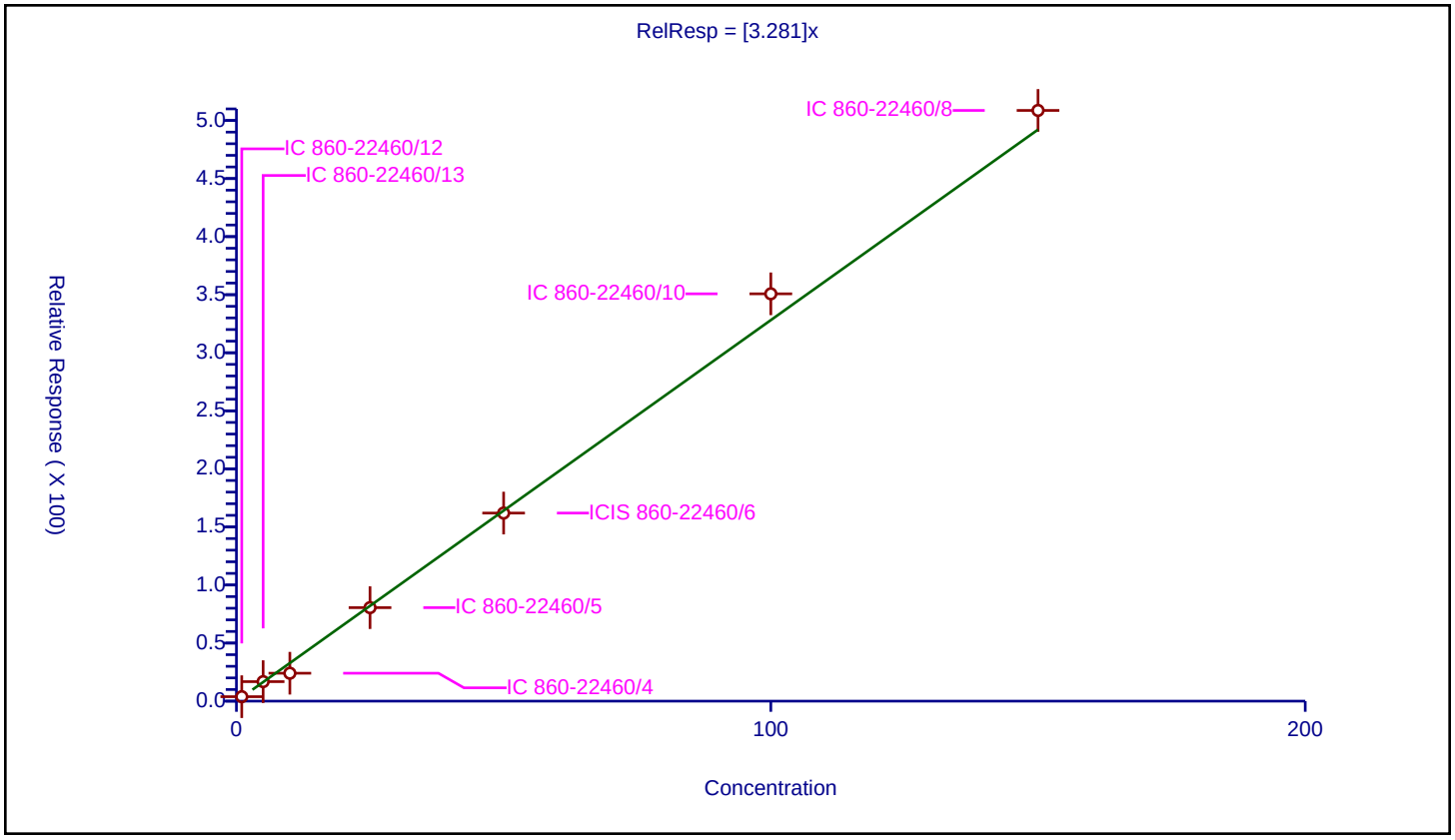
Curve Coefficients

Intercept:	0
Slope:	3.281

Error Coefficients

Standard Error:	1520000
Relative Standard Error:	13.4
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	3.844315	50.0	209166.0	3.844315	Y
2	IC 860-22460/13	5.0	16.799619	50.0	195433.0	3.359924	Y
3	IC 860-22460/4	10.0	24.045956	50.0	221950.0	2.404596	Y
4	IC 860-22460/5	25.0	80.517932	50.0	203772.0	3.220717	Y
5	ICIS 860-22460/6	50.0	161.950701	50.0	257533.0	3.239014	Y
6	IC 860-22460/10	100.0	350.767449	50.0	281843.0	3.507674	Y
7	IC 860-22460/8	150.0	508.678854	50.0	298294.0	3.391192	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

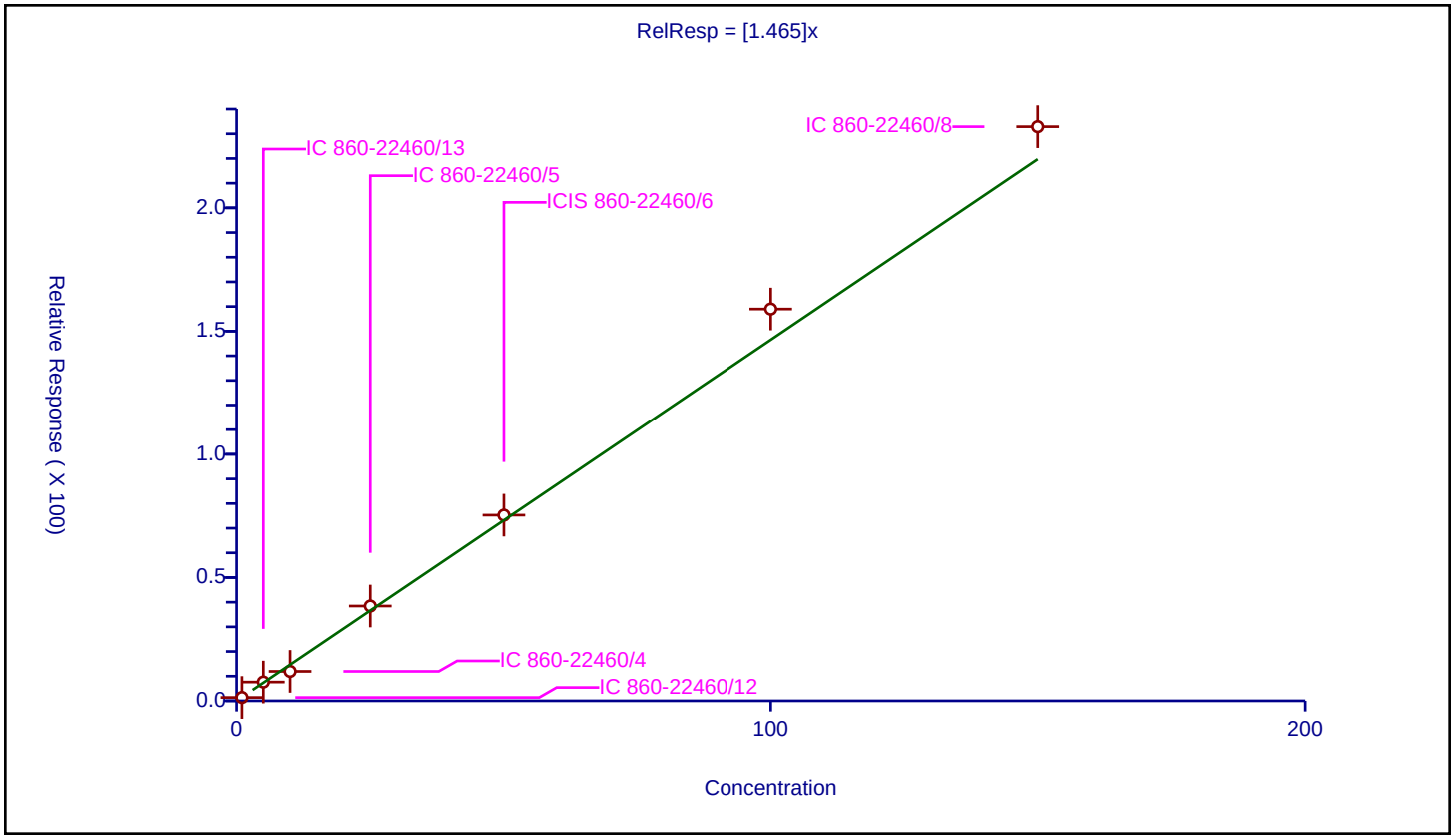
Curve Coefficients

Intercept:	0
Slope:	1.465

Error Coefficients

Standard Error:	697000
Relative Standard Error:	9.7
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	1.351558	50.0	209166.0	1.351558	Y
2	IC 860-22460/13	5.0	7.612327	50.0	195433.0	1.522465	Y
3	IC 860-22460/4	10.0	11.929489	50.0	221950.0	1.192949	Y
4	IC 860-22460/5	25.0	38.445665	50.0	203772.0	1.537827	Y
5	ICIS 860-22460/6	50.0	75.308213	50.0	257533.0	1.506164	Y
6	IC 860-22460/10	100.0	158.980709	50.0	281843.0	1.589807	Y
7	IC 860-22460/8	150.0	232.878972	50.0	298294.0	1.552526	Y



Calibration / 1,2-Dibromo-3-Chloropropane

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

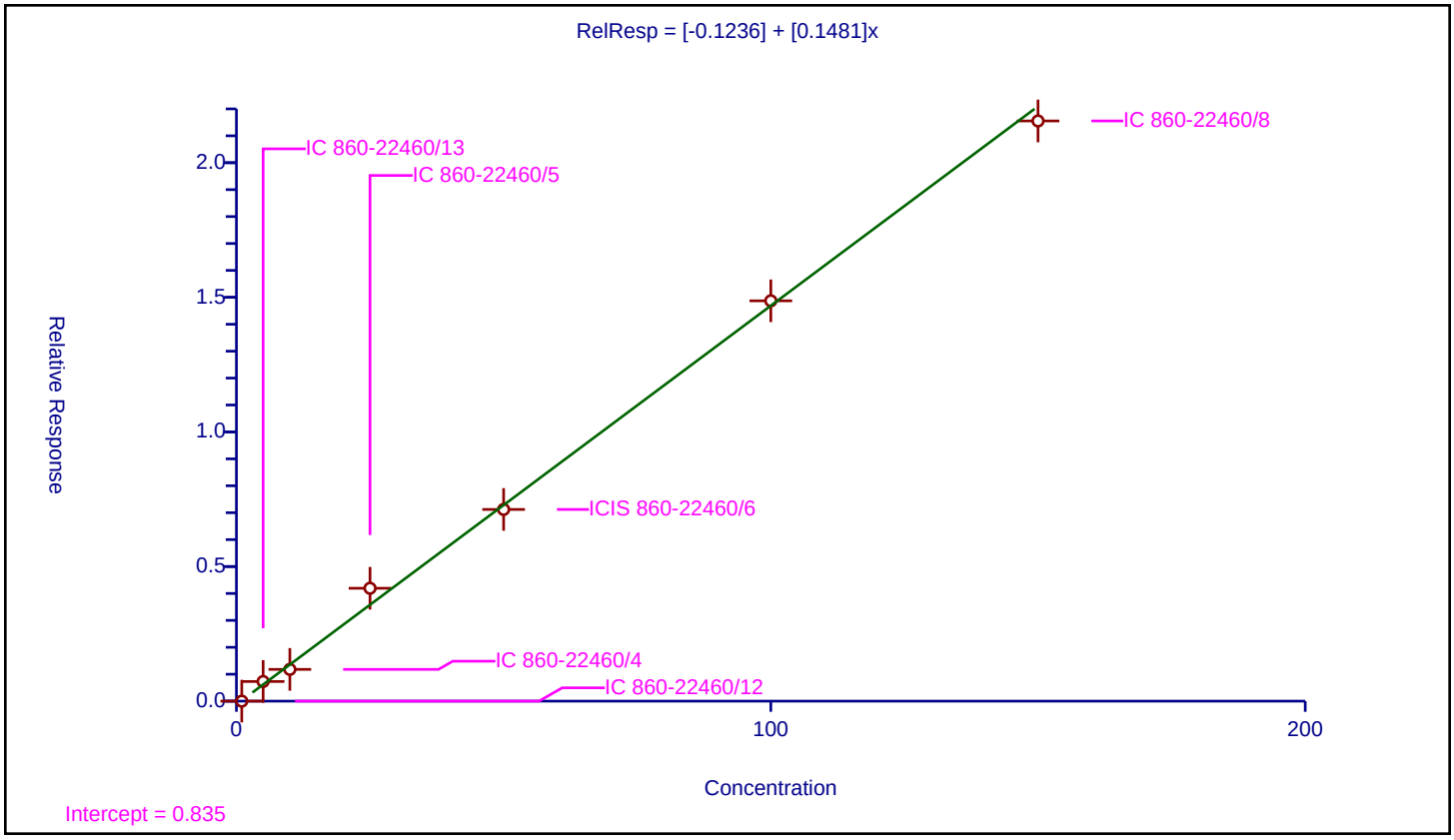
Curve Coefficients

Intercept:	-0.1236
Slope:	0.1481

Error Coefficients

Standard Error:	71000
Relative Standard Error:	13.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	0.000239	50.0	209166.0	0.000239	Y
2	IC 860-22460/13	5.0	0.729662	50.0	195433.0	0.145932	Y
3	IC 860-22460/4	10.0	1.17977	50.0	221950.0	0.117977	Y
4	IC 860-22460/5	25.0	4.193658	50.0	203772.0	0.167746	Y
5	ICIS 860-22460/6	50.0	7.120835	50.0	257533.0	0.142417	Y
6	IC 860-22460/10	100.0	14.87069	50.0	281843.0	0.148707	Y
7	IC 860-22460/8	150.0	21.551557	50.0	298294.0	0.143677	Y



Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

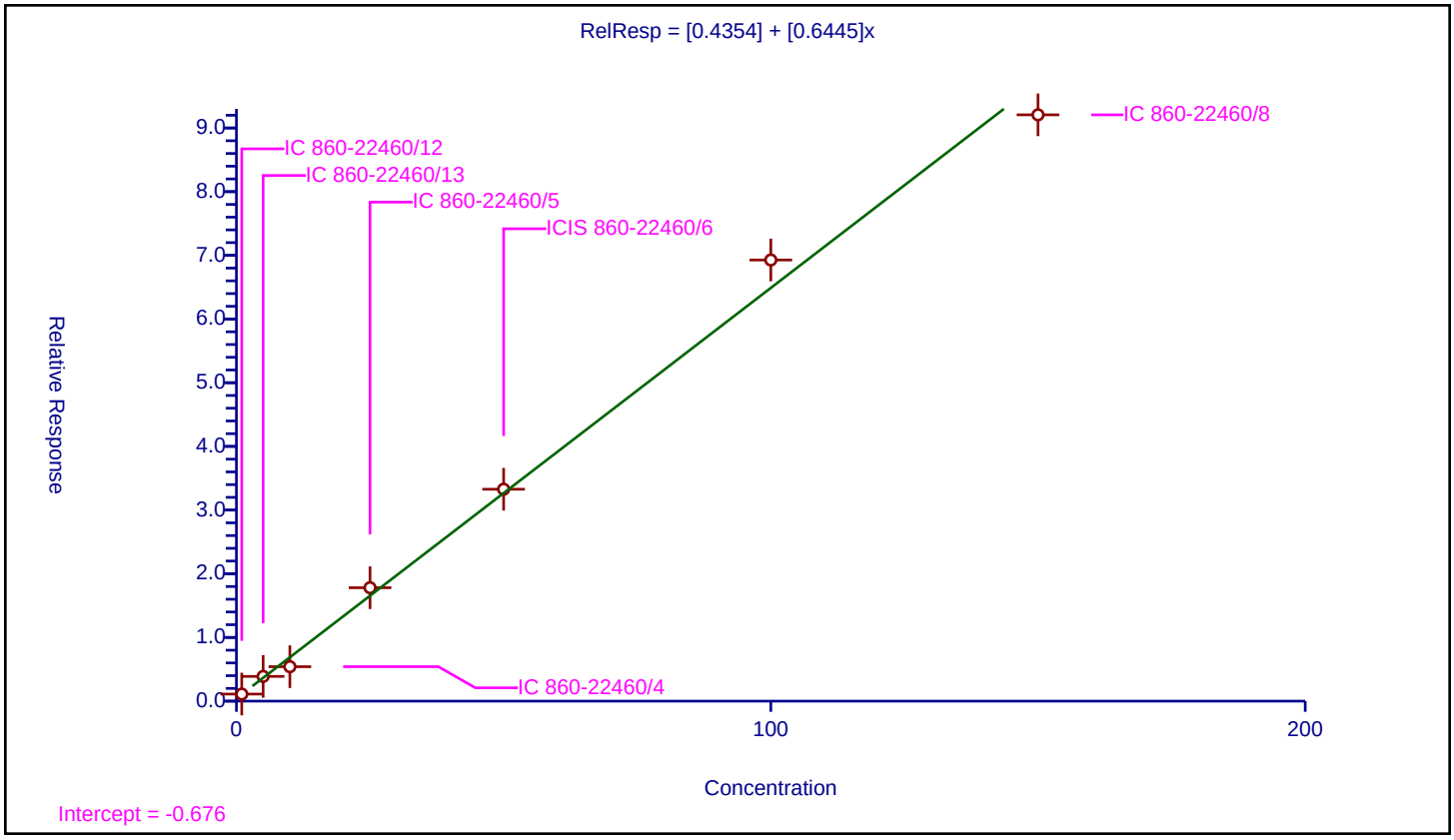
Curve Coefficients

Intercept:	0.4354
Slope:	0.6445

Error Coefficients

Standard Error:	313000
Relative Standard Error:	12.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	1.109167	50.0	209166.0	1.109167	Y
2	IC 860-22460/13	5.0	3.881637	50.0	195433.0	0.776327	Y
3	IC 860-22460/4	10.0	5.411579	50.0	221950.0	0.541158	Y
4	IC 860-22460/5	25.0	17.811819	50.0	203772.0	0.712473	Y
5	ICIS 860-22460/6	50.0	33.277095	50.0	257533.0	0.665542	Y
6	IC 860-22460/10	100.0	69.274738	50.0	281843.0	0.692747	Y
7	IC 860-22460/8	150.0	92.06806	50.0	298294.0	0.613787	Y



Calibration / Hexachlorobutadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

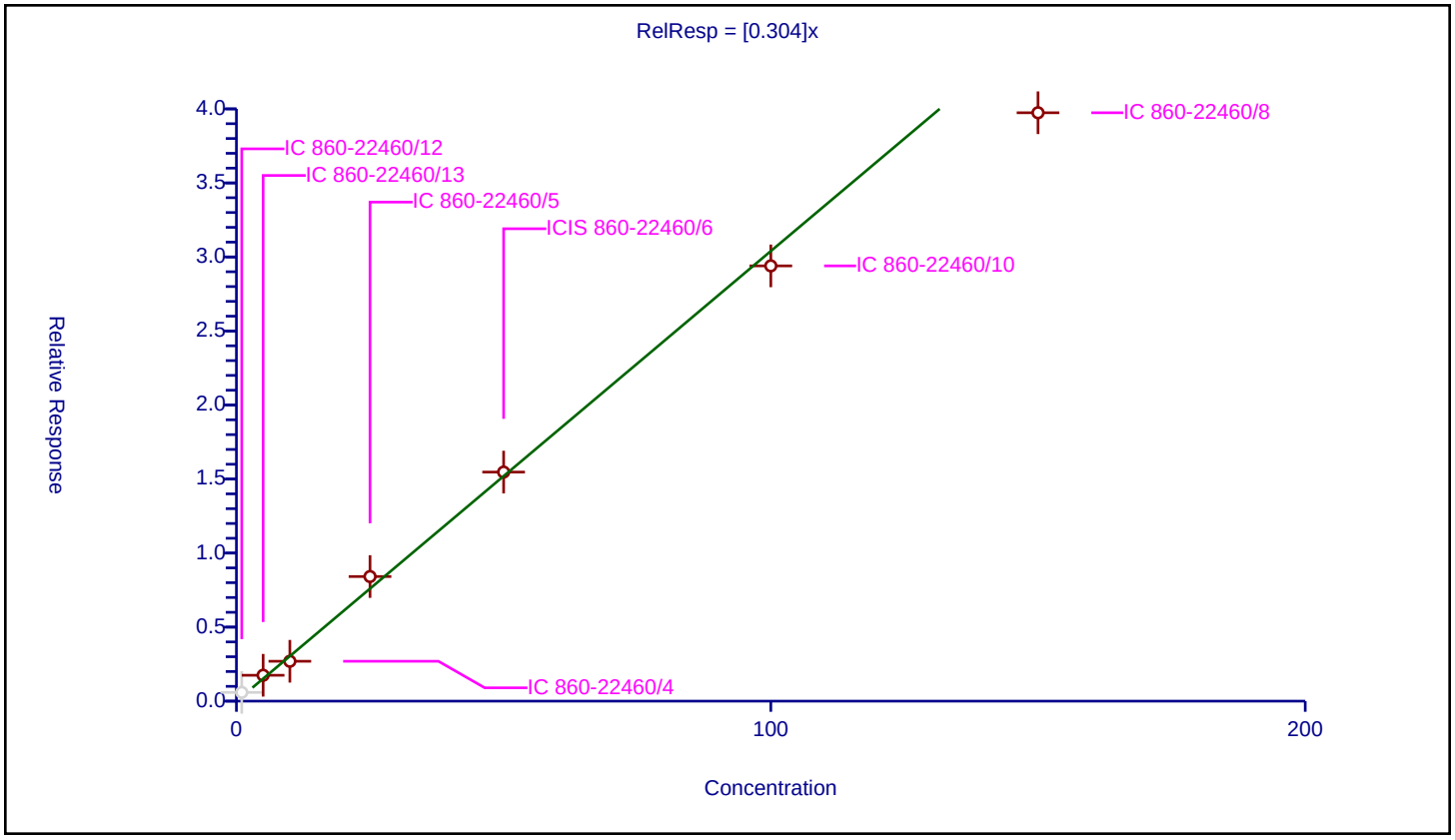
Curve Coefficients

Intercept:	0
Slope:	0.304

Error Coefficients

Standard Error:	135000
Relative Standard Error:	11.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	0.591396	50.0	209166.0	0.591396	N
2	IC 860-22460/13	5.0	1.747658	50.0	195433.0	0.349532	Y
3	IC 860-22460/4	10.0	2.692949	50.0	221950.0	0.269295	Y
4	IC 860-22460/5	25.0	8.415042	50.0	203772.0	0.336602	Y
5	ICIS 860-22460/6	50.0	15.47025	50.0	257533.0	0.309405	Y
6	IC 860-22460/10	100.0	29.39704	50.0	281843.0	0.29397	Y
7	IC 860-22460/8	150.0	39.739653	50.0	298294.0	0.264931	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

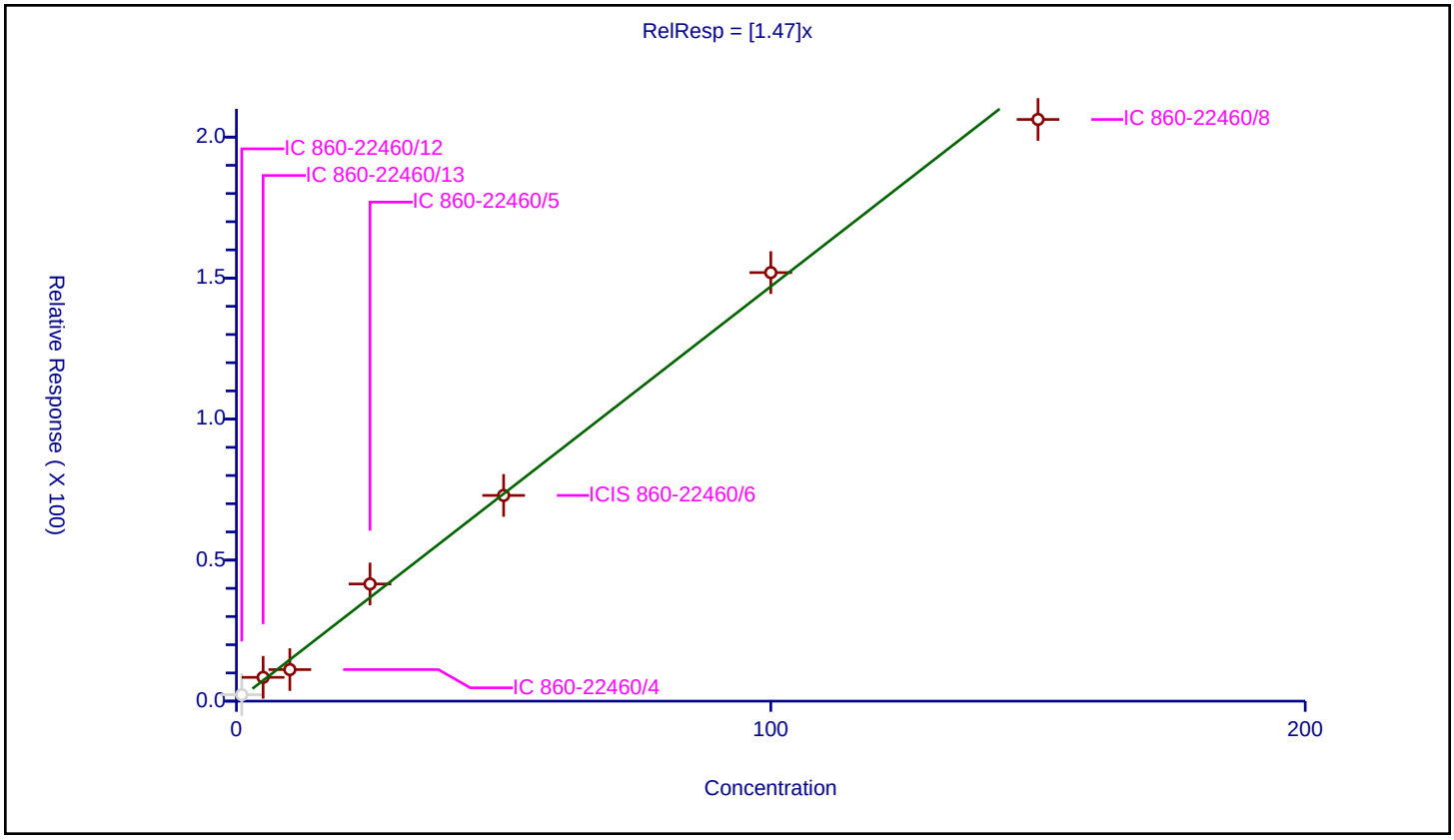
Curve Coefficients

Intercept:	0
Slope:	1.47

Error Coefficients

Standard Error:	696000
Relative Standard Error:	14.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.968

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	2.283115	50.0	209166.0	2.283115	N
2	IC 860-22460/13	5.0	8.442279	50.0	195433.0	1.688456	Y
3	IC 860-22460/4	10.0	11.18405	50.0	221950.0	1.118405	Y
4	IC 860-22460/5	25.0	41.544717	50.0	203772.0	1.661789	Y
5	ICIS 860-22460/6	50.0	72.940749	50.0	257533.0	1.458815	Y
6	IC 860-22460/10	100.0	151.956763	50.0	281843.0	1.519568	Y
7	IC 860-22460/8	150.0	206.252053	50.0	298294.0	1.375014	Y



Calibration / 1,2,3-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

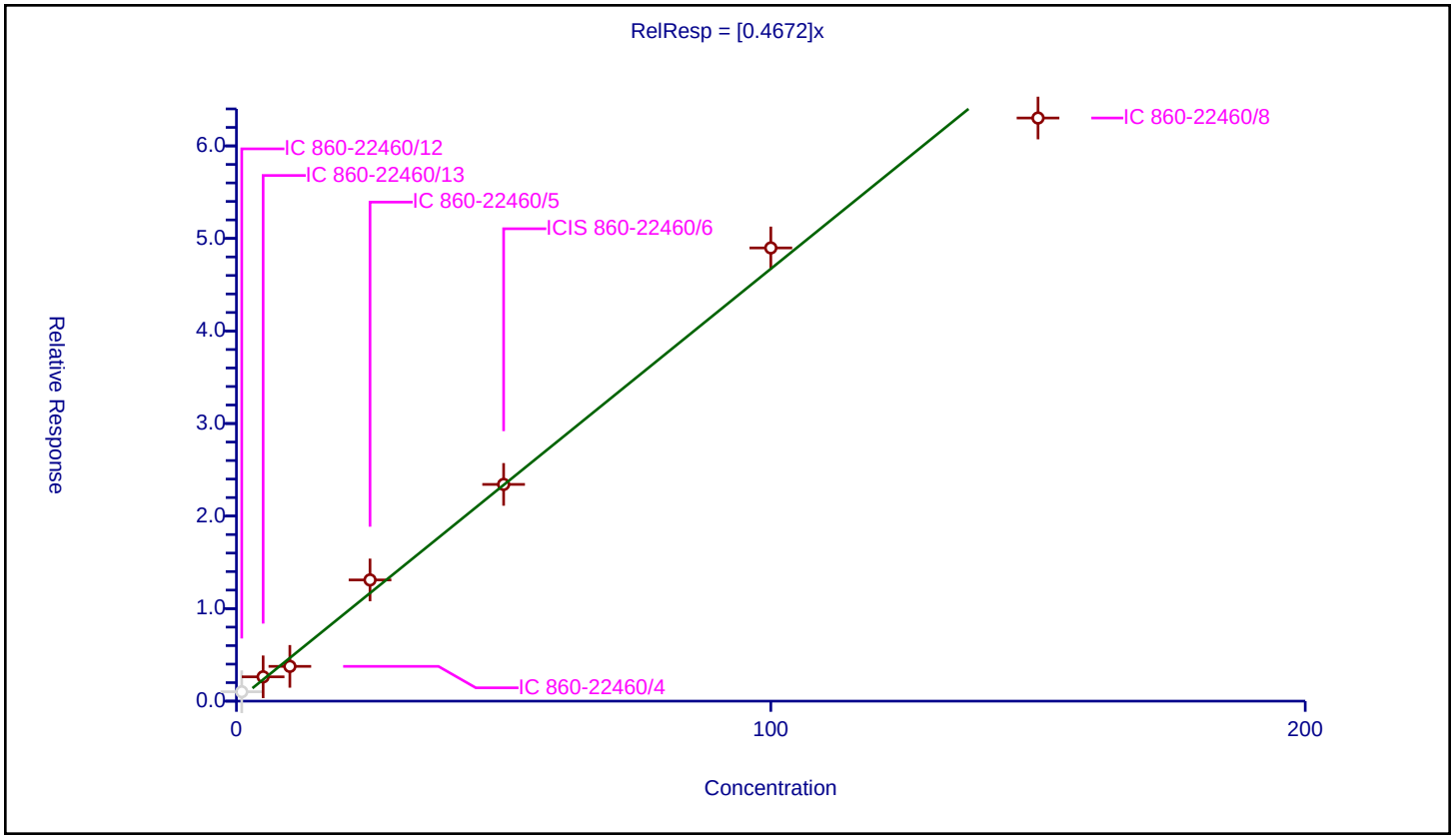
Curve Coefficients

Intercept:	0
Slope:	0.4672

Error Coefficients

Standard Error:	217000
Relative Standard Error:	12.7
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-22460/12	1.0	1.014505	50.0	209166.0	1.014505	N
2	IC 860-22460/13	5.0	2.625708	50.0	195433.0	0.525142	Y
3	IC 860-22460/4	10.0	3.756251	50.0	221950.0	0.375625	Y
4	IC 860-22460/5	25.0	13.098218	50.0	203772.0	0.523929	Y
5	ICIS 860-22460/6	50.0	23.421464	50.0	257533.0	0.468429	Y
6	IC 860-22460/10	100.0	48.975139	50.0	281843.0	0.489751	Y
7	IC 860-22460/8	150.0	63.014844	50.0	298294.0	0.420099	Y



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Lab Sample ID: ICV 860-19825/9 Calibration Date: 08/21/2021 01:05

Instrument ID: A294 Calib Start Date: 08/20/2021 21:40

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 08/21/2021 00:03

Lab File ID: T15975.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propene	Ave	0.5441	0.4748		43.6	50.0	-12.7	30.0
Dichlorodifluoromethane	Ave	0.5911	0.5761		48.7	50.0	-2.6	50.0
Chloromethane	Ave	0.8045	0.8784		54.6	50.0	9.2	30.0
Vinyl chloride	Ave	0.7334	0.7848		53.5	50.0	7.0	30.0
1,3-Butadiene	Ave	0.5978	0.6118		51.2	50.0	2.3	50.0
Ethylene oxide	Ave	0.1619	0.1937		299	250	19.6	50.0
Bromomethane	Ave	0.4951	0.5314		53.7	50.0	7.3	30.0
Chloroethane	Ave	0.4285	0.4695		54.8	50.0	9.6	30.0
Trichlorofluoromethane	Ave	0.7837	0.8239		52.6	50.0	5.1	30.0
Diethyl ether	Ave	0.3919	0.4579		58.4	50.0	16.8	50.0
Acrolein	Ave	0.1027	0.1252		305	250	21.9	50.0
1,1-Dichloroethene	Ave	0.5095	0.5636		55.3	50.0	10.6	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3736	0.3656		48.9	50.0	-2.1	30.0
Acetone	Ave	0.0590	0.0663		281	250	12.5	50.0
Iodomethane (Methyl Iodide)	Lin1		0.6355		51.7	50.0	3.3	50.0
Isopropyl alcohol	Ave	0.0377	0.0458		607	500	21.3	50.0
Carbon disulfide	Ave	1.790	1.956		54.7	50.0	9.3	30.0
Acetonitrile	Ave	0.0410	0.0461		562	500	12.5	30.0
Allyl Chloride (3-Chloropropene)	Ave	0.3559	0.4095		57.5	50.0	15.0	30.0
Methyl acetate	Ave	0.5197	0.6083		117	100	17.1	30.0
Methylene Chloride	Ave	0.6423	0.7083		55.1	50.0	10.3	50.0
tert-Butyl alcohol	Ave	0.0685	0.0822		600	500	20.0	30.0
Acrylonitrile	Ave	0.2503	0.2893		578	500	15.6	50.0
trans-1,2-Dichloroethene	Ave	0.5768	0.6507		56.4	50.0	12.8	30.0
MTBE	Ave	1.857	2.122		57.2	50.0	14.3	30.0
n-Hexane	Ave	0.7674	0.7654		49.9	50.0	-0.3	30.0
1,1-Dichloroethane	Ave	1.145	1.294		56.5	50.0	13.0	30.0
Vinyl acetate	Ave	1.528	1.750		286	250	14.5	50.0
Isopropyl ether	Ave	1.990	2.257		56.7	50.0	13.4	30.0
Chloroprene	Ave	0.9266	1.043		56.3	50.0	12.6	30.0
Ethyl tert-butyl ether	Ave	2.046	2.315		56.6	50.0	13.2	30.0
2,2-Dichloropropane	Ave	0.8995	0.9811		54.5	50.0	9.1	30.0
cis-1,2-Dichloroethene	Ave	1.010	1.151		57.0	50.0	13.9	30.0
2-Butanone	Ave	0.0859	0.0983		286	250	14.5	50.0
Propane Nitrile (Propionitrile)	Ave	0.0922	0.1080		586	500	17.1	30.0
Ethyl acetate	Ave	0.6818	0.7804		115	100	14.5	30.0
Methacrylonitrile	Ave	0.3039	0.3490		574	500	14.9	30.0
Bromochloromethane	Ave	0.4314	0.4880		56.6	50.0	13.1	30.0
Tetrahydrofuran	Ave	0.2204	0.2298		104	100	4.3	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Lab Sample ID: ICV 860-19825/9 Calibration Date: 08/21/2021 01:05

Instrument ID: A294 Calib Start Date: 08/20/2021 21:40

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 08/21/2021 00:03

Lab File ID: T15975.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chloroform	Ave	1.113	1.263		56.7	50.0	13.5	30.0
1,1,1-Trichloroethane	Lin1		1.214		55.2	50.0	10.3	30.0
Cyclohexane	Ave	0.9049	0.9251		51.1	50.0	2.2	30.0
1,1-Dichloropropene	Ave	0.8700	0.9650		55.5	50.0	10.9	30.0
Carbon tetrachloride	Ave	0.7666	0.8531		55.6	50.0	11.3	30.0
Isobutanol	Ave	0.0182	0.0208		1415	1240	14.1	50.0
Benzene	Ave	1.676	1.883		56.2	50.0	12.4	30.0
1,2-Dichloroethane	Ave	0.5265	0.6056		57.5	50.0	15.0	30.0
2,2,4-Trimethylpentane	Ave	1.128	1.131		50.1	50.0	0.2	30.0
Tert-amyl methyl ether	Ave	1.187	1.340		56.4	50.0	12.8	30.0
n-Butanol	Ave	0.0109	0.0128		1478	1260	17.3	30.0
Trichloroethene	Ave	0.4009	0.4444		55.4	50.0	10.9	30.0
Methylcyclohexane	Ave	0.6656	0.6681		50.2	50.0	0.4	30.0
1,2-Dichloropropane	Ave	0.4391	0.4896		55.8	50.0	11.5	30.0
Methyl methacrylate	Ave	0.3299	0.3732		113	100	13.1	50.0
Dibromomethane	Ave	0.2461	0.2841		57.7	50.0	15.5	30.0
1,4-Dioxane (P-Dioxane)	Ave	0.0042	0.0049		1158	1000	15.8	50.0
Bromodichloromethane	Ave	0.5317	0.6096		57.3	50.0	14.6	30.0
2-Nitropropane	Ave	0.1715	0.1922		112	100	12.1	30.0
2-Chloroethyl vinyl ether	Ave	0.2831	0.3307		58.4	50.0	16.8	30.0
cis-1,3-Dichloropropene	Ave	0.6839	0.7677		56.1	50.0	12.3	30.0
4-Methyl-2-pentanone	Ave	0.3853	0.4415		286	250	14.6	50.0
Toluene	Ave	1.241	1.384		55.8	50.0	11.5	30.0
trans-1,3-Dichloropropene	Ave	0.7396	0.8450		57.1	50.0	14.3	30.0
Ethyl methacrylate	Ave	0.7140	0.8267		57.9	50.0	15.8	50.0
1,1,2-Trichloroethane	Ave	0.3793	0.4400		58.0	50.0	16.0	30.0
Tetrachloroethene	Ave	0.3735	0.4079		54.6	50.0	9.2	30.0
1,3-Dichloropropane	Ave	0.7629	0.8795		57.6	50.0	15.3	30.0
2-Hexanone	Ave	0.3183	0.3683		289	250	15.7	50.0
Dibromochloromethane	Ave	0.4633	0.5338		57.6	50.0	15.2	30.0
1,2-Dibromoethane	Ave	0.4263	0.4975		58.3	50.0	16.7	30.0
1-Chlorohexane	Lin1		0.4899		53.8	50.0	7.6	30.0
Chlorobenzene	Ave	1.268	1.456		57.4	50.0	14.9	30.0
1,1,1,2-Tetrachloroethane	Ave	0.4590	0.5143		56.0	50.0	12.0	30.0
Ethylbenzene	Ave	2.256	2.553		56.6	50.0	13.1	30.0
m,p-Xylenes	Ave	1.752	1.983		56.6	50.0	13.1	30.0
o-Xylene	Ave	1.786	2.049		57.4	50.0	14.8	30.0
Styrene	Ave	1.389	1.598		57.5	50.0	15.1	30.0
Bromoform	Ave	0.2923	0.3482		59.6	50.0	19.2	30.0
Isopropylbenzene	Ave	2.138	2.422		56.6	50.0	13.3	30.0
Cyclohexanone	Ave	0.0134	0.0161		3004	2500	20.2	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Lab Sample ID: ICV 860-19825/9 Calibration Date: 08/21/2021 01:05

Instrument ID: A294 Calib Start Date: 08/20/2021 21:40

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 08/21/2021 00:03

Lab File ID: T15975.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1,2,2-Tetrachloroethane	Ave	1.223	1.386		56.7	50.0	13.3	30.0
Bromobenzene	Ave	1.105	1.257		56.9	50.0	13.7	30.0
1,2,3-Trichloropropane	Ave	1.580	1.825		57.8	50.0	15.5	30.0
trans-1,4-Dichloro-2-butene	Ave	0.3389	0.3896		57.5	50.0	14.9	50.0
N-Propylbenzene	Ave	5.714	6.334		55.4	50.0	10.8	30.0
2-Chlorotoluene	Ave	3.849	4.278		55.6	50.0	11.1	30.0
1,3,5-Trimethylbenzene	Ave	4.582	5.108		55.7	50.0	11.5	30.0
4-Ethyltoluene	Ave	3.935	4.387		55.7	50.0	11.5	30.0
4-Chlorotoluene	Ave	3.812	4.290		56.3	50.0	12.5	30.0
tert-Butylbenzene	Ave	3.391	3.780		55.7	50.0	11.5	30.0
1,2,4-Trimethylbenzene	Ave	3.925	4.437		56.5	50.0	13.0	30.0
sec-Butylbenzene	Ave	4.905	5.453		55.6	50.0	11.2	30.0
1,3-Dichlorobenzene	Ave	1.988	2.244		56.4	50.0	12.8	30.0
p-Cymene (p-Isopropyltoluene)	Ave	4.053	4.551		56.1	50.0	12.3	30.0
1,4-Dichlorobenzene	Ave	1.969	2.255		57.3	50.0	14.6	30.0
Dicyclopentadiene	Ave	4.366	4.833		55.4	50.0	10.7	30.0
Benzyl chloride	Ave	0.4013	0.4281		53.3	50.0	6.7	30.0
n-Butylbenzene	Ave	3.610	4.064		56.3	50.0	12.6	30.0
1,2-Dichlorobenzene	Ave	1.836	2.047		55.7	50.0	11.5	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.1796	0.2151		59.9	50.0	19.7	50.0
1,2,4-Trichlorobenzene	Ave	0.8063	0.9619		59.7	50.0	19.3	30.0
Hexachlorobutadiene	Ave	0.3357	0.3947		58.8	50.0	17.6	50.0
Naphthalene	Ave	1.595	2.002		62.8	50.0	25.6	30.0
1,2,3-Trichlorobenzene	Ave	0.5232	0.6503		62.1	50.0	24.3	30.0
2-Methylnaphthalene	Ave	0.2849	0.3955		69.4	50.0	38.8*	30.0
1-Methylnaphthalene	Ave	0.2612	0.3826		73.3	50.0	46.5*	30.0
t-Amyl alcohol	None				12.5	500	-100.0*	30.0
Dibromofluoromethane (Surr)	Ave	0.4715	0.4814		51.1	50.0	2.1	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3410	0.3407		50.0	50.0	-0.0	30.0
Toluene-d8 (Surr)	Ave	1.433	1.439		50.2	50.0	0.4	30.0
4-Bromofluorobenzene (Surr)	Ave	1.142	1.122		49.1	50.0	-1.8	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Lab Sample ID: CCVIS 860-22424/2 Calibration Date: 09/14/2021 10:56

Instrument ID: A294 Calib Start Date: 08/20/2021 21:40

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 08/21/2021 00:03

Lab File ID: T16684.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propene	Ave	0.5441	0.2995		27.5	50.0	-45.0*	20.0
Dichlorodifluoromethane	Ave	0.5911	0.5476		46.3	50.0	-7.4	50.0
Chloromethane	Ave	0.8045	0.6106		38.0	50.0	-24.1*	20.0
Vinyl chloride	Ave	0.7334	0.7377		50.3	50.0	0.6	20.0
1,3-Butadiene	Ave	0.5978	0.6000		50.2	50.0	0.4	50.0
Ethylene oxide	Ave	0.1619	0.1192		184	250	-26.4	50.0
Bromomethane	Ave	0.4951	0.4501		45.5	50.0	-9.1	20.0
Chloroethane	Ave	0.4285	0.4857		56.7	50.0	13.3	20.0
Trichlorofluoromethane	Ave	0.7837	0.9678		61.7	50.0	23.5*	20.0
Diethyl ether	Ave	0.3919	0.4067		51.9	50.0	3.8	50.0
Acrolein	Ave	0.1027	0.1375		335	250	34.0	50.0
1,1-Dichloroethene	Ave	0.5095	0.5245		51.5	50.0	2.9	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3736	0.4239		56.7	50.0	13.4	20.0
Acetone	Ave	0.0590	0.0665		282	250	12.8	50.0
Iodomethane (Methyl Iodide)	Lin1		0.5187		42.9	50.0	-14.3	50.0
Isopropyl alcohol	Ave	0.0377	0.0374		496	500	-0.9	50.0
Carbon disulfide	Ave	1.790	1.506		42.1	50.0	-15.8	20.0
Acetonitrile	Ave	0.0410	0.0441		538	500	7.7	20.0
Allyl Chloride (3-Chloropropene)	Ave	0.3559	0.3563		50.1	50.0	0.1	20.0
Methyl acetate	Ave	0.5197	0.5021		96.6	100	-3.4	20.0
Methylene Chloride	Ave	0.6423	0.6635		51.7	50.0	3.3	50.0
tert-Butyl alcohol	Ave	0.0685	0.0654		477	500	-4.5	20.0
Acrylonitrile	Ave	0.2503	0.2629		525	500	5.0	50.0
trans-1,2-Dichloroethene	Ave	0.5768	0.5943		51.5	50.0	3.0	20.0
MTBE	Ave	1.857	1.899		51.1	50.0	2.3	20.0
n-Hexane	Ave	0.7674	0.6365		41.5	50.0	-17.1	20.0
1,1-Dichloroethane	Ave	1.145	1.126		49.2	50.0	-1.6	20.0
Vinyl acetate	Ave	1.528	1.721		282	250	12.6	50.0
Isopropyl ether	Ave	1.990	2.026		50.9	50.0	1.8	20.0
Chloroprene	Ave	0.9266	0.9092		49.1	50.0	-1.9	20.0
Ethyl tert-butyl ether	Ave	2.046	1.818		44.4	50.0	-11.1	20.0
cis-1,2-Dichloroethene	Ave	1.010	0.9822		48.6	50.0	-2.8	20.0
2,2-Dichloropropane	Ave	0.8995	0.9515		52.9	50.0	5.8	20.0
2-Butanone	Ave	0.0859	0.0830		242	250	-3.3	50.0
Propane Nitrile (Propionitrile)	Ave	0.0922	0.0954		517	500	3.4	20.0
Ethyl acetate	Ave	0.6818	0.6191		90.8	100	-9.2	20.0
Methacrylonitrile	Ave	0.3039	0.2944		484	500	-3.1	20.0
Bromochloromethane	Ave	0.4314	0.4467		51.8	50.0	3.5	20.0
Isobutanol	Ave	0.0182	0.0020		136	1240	-89.1*	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Lab Sample ID: CCVIS 860-22424/2 Calibration Date: 09/14/2021 10:56

Instrument ID: A294 Calib Start Date: 08/20/2021 21:40

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 08/21/2021 00:03

Lab File ID: T16684.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrahydrofuran	Ave	0.2204	0.1850		84.0	100	-16.0	20.0
Chloroform	Ave	1.113	1.134		51.0	50.0	1.9	20.0
1,1,1-Trichloroethane	Lin1		1.125		47.8	50.0	-4.4	20.0
Cyclohexane	Ave	0.9049	0.7821		43.2	50.0	-13.6	20.0
1,1-Dichloropropene	Ave	0.8700	0.7978		45.9	50.0	-8.3	20.0
Carbon tetrachloride	Ave	0.7666	0.7670		50.0	50.0	0.0	20.0
Benzene	Ave	1.676	1.571		46.9	50.0	-6.2	20.0
1,2-Dichloroethane	Ave	0.5265	0.5271		50.1	50.0	0.1	20.0
2,2,4-Trimethylpentane	Ave	1.128	1.004		44.5	50.0	-11.0	20.0
Tert-amyl methyl ether	Ave	1.187	1.106		46.6	50.0	-6.9	20.0
n-Butanol	Ave	0.0109	0.0088		996	1240	-19.7	20.0
Trichloroethene	Ave	0.4009	0.3827		47.7	50.0	-4.5	20.0
Methylcyclohexane	Ave	0.6656	0.5714		42.9	50.0	-14.2	20.0
1,2-Dichloropropane	Ave	0.4391	0.4179		47.6	50.0	-4.8	20.0
Methyl methacrylate	Ave	0.3299	0.2899		87.9	100	-12.1	50.0
Dibromomethane	Ave	0.2461	0.2478		50.4	50.0	0.7	20.0
1,4-Dioxane (P-Dioxane)	Ave	0.0042	0.0041		961	1000	-3.9	50.0
Bromodichloromethane	Ave	0.5317	0.5249		49.4	50.0	-1.3	20.0
2-Nitropropane	Ave	0.1715	0.1274		74.3	100	-25.7*	20.0
2-Chloroethyl vinyl ether	Ave	0.2831	0.2357		41.6	50.0	-16.8	20.0
cis-1,3-Dichloropropene	Ave	0.6839	0.6356		46.5	50.0	-7.1	20.0
4-Methyl-2-pentanone	Ave	0.3853	0.3609		234	250	-6.3	50.0
Toluene	Ave	1.241	1.103		44.4	50.0	-11.2	20.0
trans-1,3-Dichloropropene	Ave	0.7396	0.6533		44.2	50.0	-11.7	20.0
Ethyl methacrylate	Ave	0.7140	0.5751		40.3	50.0	-19.5	50.0
1,1,2-Trichloroethane	Ave	0.3793	0.3612		47.6	50.0	-4.8	20.0
1,3-Dichloropropane	Ave	0.7629	0.6977		45.7	50.0	-8.6	20.0
Tetrachloroethene	Ave	0.3735	0.3411		45.7	50.0	-8.7	20.0
2-Hexanone	Ave	0.3183	0.2712		213	250	-14.8	50.0
Dibromochloromethane	Ave	0.4633	0.4372		47.2	50.0	-5.6	20.0
1,2-Dibromoethane	Ave	0.4263	0.4011		47.1	50.0	-5.9	20.0
1-Chlorohexane	Lin1		0.3974		43.5	50.0	-13.1	20.0
Chlorobenzene	Ave	1.268	1.197		47.2	50.0	-5.6	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4590	0.4379		47.7	50.0	-4.6	20.0
Ethylbenzene	Ave	2.256	2.000		44.3	50.0	-11.3	20.0
m,p-Xylenes	Ave	1.752	1.508		43.0	50.0	-13.9	20.0
o-Xylene	Ave	1.786	1.558		43.6	50.0	-12.7	20.0
Styrene	Ave	1.389	1.290		46.4	50.0	-7.2	20.0
Bromoform	Ave	0.2923	0.2681		45.9	50.0	-8.3	20.0
Isopropylbenzene	Ave	2.138	1.877		43.9	50.0	-12.2	20.0
Cyclohexanone	Ave	0.0134	0.0133		2470	2500	-1.2	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Lab Sample ID: CCVIS 860-22424/2 Calibration Date: 09/14/2021 10:56

Instrument ID: A294 Calib Start Date: 08/20/2021 21:40

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 08/21/2021 00:03

Lab File ID: T16684.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1,2,2-Tetrachloroethane	Ave	1.223	1.072		43.9	50.0	-12.3	20.0
Bromobenzene	Ave	1.105	1.048		47.4	50.0	-5.2	20.0
1,2,3-Trichloropropane	Ave	1.580	1.357		43.0	50.0	-14.1	20.0
trans-1,4-Dichloro-2-butene	Ave	0.3389	0.2759		40.7	50.0	-18.6	50.0
N-Propylbenzene	Ave	5.714	5.016		43.9	50.0	-12.2	20.0
2-Chlorotoluene	Ave	3.849	3.398		44.1	50.0	-11.7	20.0
1,3,5-Trimethylbenzene	Ave	4.582	3.792		41.4	50.0	-17.2	20.0
4-Ethyltoluene	Ave	3.935	3.446		43.8	50.0	-12.4	20.0
4-Chlorotoluene	Ave	3.812	3.434		45.0	50.0	-9.9	20.0
tert-Butylbenzene	Ave	3.391	2.928		43.2	50.0	-13.7	20.0
1,2,4-Trimethylbenzene	Ave	3.925	3.429		43.7	50.0	-12.6	20.0
sec-Butylbenzene	Ave	4.905	4.285		43.7	50.0	-12.6	20.0
1,3-Dichlorobenzene	Ave	1.988	1.899		47.8	50.0	-4.5	20.0
p-Cymene (p-Isopropyltoluene)	Ave	4.053	3.556		43.9	50.0	-12.3	20.0
1,4-Dichlorobenzene	Ave	1.969	1.929		49.0	50.0	-2.0	20.0
Dicyclopentadiene	Ave	4.366	4.390		50.3	50.0	0.5	20.0
Benzyl chloride	Ave	0.4013	0.3273		40.8	50.0	-18.4	20.0
n-Butylbenzene	Ave	3.610	3.166		43.9	50.0	-12.3	20.0
1,2-Dichlorobenzene	Ave	1.836	1.745		47.5	50.0	-5.0	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1796	0.1386		38.6	50.0	-22.9	50.0
1,2,4-Trichlorobenzene	Ave	0.8063	0.5761		35.7	50.0	-28.5*	20.0
Hexachlorobutadiene	Ave	0.3357	0.2606		38.8	50.0	-22.4	50.0
Naphthalene	Ave	1.595	0.9352		29.3	50.0	-41.4*	20.0
1,2,3-Trichlorobenzene	Ave	0.5232	0.3517		33.6	50.0	-32.8*	20.0
2-Methylnaphthalene	Ave	0.2849	0.1064		18.7	50.0	-62.7*	20.0
1-Methylnaphthalene	Ave	0.2612	0.0822		15.7	50.0	-68.5*	20.0
Dibromofluoromethane (Surr)	Ave	0.4715	0.5006		53.1	50.0	6.2	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3410	0.3518		51.6	50.0	3.2	20.0
Toluene-d8 (Surr)	Ave	1.433	1.368		47.7	50.0	-4.6	20.0
4-Bromofluorobenzene (Surr)	Ave	1.142	1.060		46.4	50.0	-7.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Lab Sample ID: ICV 860-22460/14 Calibration Date: 09/14/2021 15:32

Instrument ID: A325 Calib Start Date: 09/09/2021 07:20

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 09/09/2021 09:14

Lab File ID: A32507070.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Methylnaphthalene	Lin		0.1378			50.0		30.0
1-Methylnaphthalene	Lin		0.0966			50.0		30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Lab Sample ID: ICV 860-22460/14 Calibration Date: 09/14/2021 15:32

Instrument ID: A325 Calib Start Date: 09/14/2021 12:22

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 09/14/2021 15:13

Lab File ID: A32507070.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propene	Lin1		0.1909		39.7	50.0	-20.7	30.0
Dichlorodifluoromethane	Ave	0.3507	0.2783		39.7	50.0	-20.6	50.0
Chloromethane	Ave	0.6403	0.6117		47.8	50.0	-4.5	30.0
Vinyl chloride	Ave	0.6394	0.6284		49.1	50.0	-1.7	30.0
1,3-Butadiene	Ave	0.5800	0.5242		45.2	50.0	-9.6	50.0
Bromomethane	Lin1		1.360		55.0	50.0	10.0	30.0
Chloroethane	Ave	0.3858	0.3709		48.1	50.0	-3.9	30.0
Trichlorofluoromethane	Ave	0.7683	0.7005		45.6	50.0	-8.8	30.0
Diethyl ether	Ave	0.4383	0.4297		49.0	50.0	-2.0	50.0
Acrolein	Ave	0.1314	0.1231		234	250	-6.4	50.0
1,1-Dichloroethene	Lin1		0.3846		43.5	50.0	-12.9	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2850	0.2412		42.3	50.0	-15.4	30.0
Acetone	Ave	0.2097	0.2029		242	250	-3.2	50.0
Iodomethane (Methyl Iodide)	Ave	0.4762	0.4645		48.8	50.0	-2.4	50.0
Carbon disulfide	Ave	1.565	1.358		43.4	50.0	-13.2	30.0
Isopropyl alcohol	Ave	0.0342	0.0382		558	500	11.6	50.0
Acetonitrile	Ave	0.1855	0.1810		488	500	-2.4	30.0
Allyl Chloride (3-Chloropropene)	Ave	1.855	1.810		48.8	50.0	-2.4	30.0
Methyl acetate	Ave	0.5759	0.5248		91.1	100	-8.9	30.0
Methylene Chloride	Ave	0.5474	0.5367		49.0	50.0	-2.0	50.0
tert-Butyl alcohol	Ave	0.0592	0.0648		547	500	9.4	30.0
Acrylonitrile	Ave	0.2776	0.2797		504	500	0.7	50.0
trans-1,2-Dichloroethene	Ave	0.5195	0.5218		50.2	50.0	0.4	30.0
MTBE	Ave	1.793	1.802		50.2	50.0	0.5	30.0
n-Hexane	Ave	0.7448	0.6321		42.4	50.0	-15.1	30.0
1,1-Dichloroethane	Ave	1.094	1.075		49.2	50.0	-1.7	30.0
Vinyl acetate	Ave	2.090	2.135		256	250	2.2	50.0
Isopropyl ether	Ave	2.470	2.508		50.8	50.0	1.5	30.0
Chloroprene	Ave	1.021	1.036		50.8	50.0	1.5	30.0
Ethyl tert-butyl ether	Ave	1.967	2.006		51.0	50.0	2.0	30.0
2,2-Dichloropropane	Ave	0.9355	0.8797		47.0	50.0	-6.0	30.0
cis-1,2-Dichloroethene	Ave	1.029	1.039		50.5	50.0	1.0	30.0
2-Butanone	Ave	0.3428	0.3559		260	250	3.8	50.0
Ethyl acetate	Ave	0.8354	0.8541		102	100	2.2	30.0
Propane Nitrile (Propionitrile)	Ave	0.0984	0.1066		542	500	8.3	30.0
Bromochloromethane	Lin1		0.4043		48.0	50.0	-4.0	30.0
Methacrylonitrile	Ave	0.3128	0.3317		530	500	6.1	30.0
Tetrahydrofuran	Lin1		0.2615		100	100	0.1	30.0
Chloroform	Ave	1.076	1.132		52.6	50.0	5.2	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Lab Sample ID: ICV 860-22460/14 Calibration Date: 09/14/2021 15:32

Instrument ID: A325 Calib Start Date: 09/14/2021 12:22

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 09/14/2021 15:13

Lab File ID: A32507070.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1,1-Trichloroethane	Ave	0.8901	0.8986		50.5	50.0	1.0	30.0
Cyclohexane	Ave	0.9190	0.7454		40.6	50.0	-18.9	30.0
Carbon tetrachloride	Ave	0.7036	0.7144		50.8	50.0	1.5	30.0
1,1-Dichloropropene	Ave	0.8287	0.8498		51.3	50.0	2.5	30.0
Isobutanol	Ave	0.0160	0.0178		1380	1240	11.3	50.0
Benzene	Ave	1.371	1.325		48.3	50.0	-3.4	30.0
1,2-Dichloroethane	Ave	0.5642	0.5415		48.0	50.0	-4.0	30.0
2,2,4-Trimethylpentane	Ave	2.071	1.833		44.3	50.0	-11.5	30.0
Tert-amyl methyl ether	Ave	1.057	1.050		49.6	50.0	-0.7	30.0
n-Butanol	Ave	0.0168	0.0183		1372	1260	8.9	30.0
Trichloroethene	Ave	0.2887	0.2806		48.6	50.0	-2.8	30.0
Methylcyclohexane	Ave	0.5134	0.4690		45.7	50.0	-8.6	30.0
1,2-Dichloropropane	Ave	0.3869	0.3936		50.9	50.0	1.7	30.0
Dibromomethane	Ave	0.2573	0.2486		48.3	50.0	-3.4	30.0
Methyl methacrylate	Ave	0.2897	0.2898		100	100	0.0	50.0
1,4-Dioxane (P-Dioxane)	Ave	0.0030	0.0033		1098	1000	9.8	50.0
Bromodichloromethane	Ave	0.4872	0.4912		50.4	50.0	0.8	30.0
2-Nitropropane	None					100		30.0
2-Chloroethyl vinyl ether	Qua		0.0661		46.1	50.0	-7.9	30.0
cis-1,3-Dichloropropene	Ave	0.6001	0.5934		49.4	50.0	-1.1	30.0
4-Methyl-2-pentanone	Ave	0.4857	0.4963		255	250	2.2	50.0
Toluene	Ave	0.8715	0.8027		46.1	50.0	-7.9	30.0
trans-1,3-Dichloropropene	Ave	0.5954	0.5850		49.1	50.0	-1.8	30.0
Ethyl methacrylate	Ave	0.5352	0.5351		50.0	50.0	-0.0	50.0
1,1,2-Trichloroethane	Ave	0.2922	0.2932		50.2	50.0	0.4	30.0
Tetrachloroethene	Ave	0.2331	0.2194		47.1	50.0	-5.9	30.0
1,3-Dichloropropane	Ave	0.5744	0.5759		50.1	50.0	0.3	30.0
2-Hexanone	Ave	0.3348	0.3342		250	250	-0.2	50.0
Dibromochloromethane	Ave	0.3600	0.3451		47.9	50.0	-4.1	30.0
1,2-Dibromoethane	Ave	0.3387	0.3274		48.3	50.0	-3.3	30.0
1-Chlorohexane	Ave	0.5595	0.4918		44.0	50.0	-12.1	30.0
Chlorobenzene	Ave	0.9344	0.8527		45.6	50.0	-8.7	30.0
1,1,1,2-Tetrachloroethane	Ave	0.3170	0.3121		49.2	50.0	-1.5	30.0
Ethylbenzene	Ave	1.662	1.556		46.8	50.0	-6.4	30.0
m,p-Xylenes	Ave	1.258	1.182		47.0	50.0	-6.1	30.0
o-Xylene	Ave	1.334	1.292		48.4	50.0	-3.2	30.0
Styrene	Ave	1.097	1.022		46.6	50.0	-6.8	30.0
Bromoform	Ave	0.2220	0.2304		51.9	50.0	3.8	30.0
Isopropylbenzene	Ave	1.537	1.461		47.6	50.0	-4.9	30.0
Cyclohexanone	Ave	0.0114	0.0120		2613	2500	4.5	50.0
Bromobenzene	Ave	0.7774	0.6896		44.4	50.0	-11.3	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Lab Sample ID: ICV 860-22460/14 Calibration Date: 09/14/2021 15:32

Instrument ID: A325 Calib Start Date: 09/14/2021 12:22

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 09/14/2021 15:13

Lab File ID: A32507070.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1,2,2-Tetrachloroethane	Ave	1.077	0.9898		46.0	50.0	-8.1	30.0
1,2,3-Trichloropropane	Ave	1.157	1.059		45.8	50.0	-8.5	30.0
trans-1,4-Dichloro-2-butene	Ave	0.3197	0.2893		45.2	50.0	-9.5	50.0
N-Propylbenzene	Ave	4.214	3.642		43.2	50.0	-13.6	30.0
2-Chlorotoluene	Ave	2.709	2.371		43.8	50.0	-12.5	30.0
4-Ethyltoluene	Ave	2.994	2.587		43.2	50.0	-13.6	30.0
1,3,5-Trimethylbenzene	Ave	2.763	2.439		44.1	50.0	-11.7	30.0
4-Chlorotoluene	Ave	2.931	2.559		43.7	50.0	-12.7	30.0
tert-Butylbenzene	Ave	2.188	1.932		44.2	50.0	-11.7	30.0
1,2,4-Trimethylbenzene	Ave	2.750	2.434		44.3	50.0	-11.5	30.0
sec-Butylbenzene	Ave	3.570	3.105		43.5	50.0	-13.0	30.0
1,3-Dichlorobenzene	Ave	1.489	1.288		43.3	50.0	-13.5	30.0
p-Cymene (p-Isopropyltoluene)	Ave	2.900	2.549		44.0	50.0	-12.1	30.0
1,4-Dichlorobenzene	Ave	1.585	1.346		42.5	50.0	-15.1	30.0
Dicyclopentadiene	Ave	4.783	4.400		46.0	50.0	-8.0	30.0
n-Butylbenzene	Ave	3.281	2.693		41.0	50.0	-17.9	30.0
1,2-Dichlorobenzene	Ave	1.465	1.270		43.4	50.0	-13.3	30.0
1,2-Dibromo-3-Chloropropane	Lin1		0.1349		46.4	50.0	-7.2	50.0
1,2,4-Trichlorobenzene	Lin1		0.6022		46.0	50.0	-7.9	30.0
Hexachlorobutadiene	Ave	0.3040	0.2690		44.3	50.0	-11.5	50.0
Naphthalene	Ave	1.470	1.402		47.7	50.0	-4.6	30.0
1,2,3-Trichlorobenzene	Ave	0.4672	0.4576		49.0	50.0	-2.0	30.0
Dibromofluoromethane (Surr)	Ave	0.6268	0.6430		51.3	50.0	2.6	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.4721	0.4625		49.0	50.0	-2.0	30.0
Toluene-d8 (Surr)	Ave	1.423	1.371		48.2	50.0	-3.6	30.0
4-Bromofluorobenzene (Surr)	Ave	1.020	0.9663		47.4	50.0	-5.3	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Lab Sample ID: CCVIS 860-22554/2 Calibration Date: 09/15/2021 07:02

Instrument ID: A325 Calib Start Date: 09/09/2021 07:20

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 09/09/2021 09:14

Lab File ID: A32507113.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Methylnaphthalene	Lin		0.0665			50.0		20.0
1-Methylnaphthalene	Lin		0.0457			50.0		20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Lab Sample ID: CCVIS 860-22554/2 Calibration Date: 09/15/2021 07:02

Instrument ID: A325 Calib Start Date: 09/14/2021 12:22

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 09/14/2021 15:13

Lab File ID: A32507113.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propene	Lin1		0.1410		27.9	50.0	-44.2*	20.0
Dichlorodifluoromethane	Ave	0.3507	0.2778		39.6	50.0	-20.8	50.0
Chloromethane	Ave	0.6403	0.5275		41.2	50.0	-17.6	20.0
Vinyl chloride	Ave	0.6394	0.5856		45.8	50.0	-8.4	20.0
1,3-Butadiene	Ave	0.5800	0.5390		46.5	50.0	-7.1	50.0
Bromomethane	Lin1		1.388		56.1	50.0	12.2	20.0
Chloroethane	Ave	0.3858	0.3106		40.3	50.0	-19.5	20.0
Trichlorofluoromethane	Ave	0.7683	0.7623		49.6	50.0	-0.8	20.0
Diethyl ether	Ave	0.4383	0.4545		51.9	50.0	3.7	50.0
Acrolein	Ave	0.1314	0.1266		241	250	-3.7	50.0
1,1-Dichloroethene	Lin1		0.4082		46.2	50.0	-7.7	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2850	0.2898		50.9	50.0	1.7	20.0
Acetone	Ave	0.2097	0.2006		239	250	-4.3	50.0
Iodomethane (Methyl Iodide)	Ave	0.4762	0.4063		42.7	50.0	-14.7	50.0
Carbon disulfide	Ave	1.565	1.259		40.2	50.0	-19.6	20.0
Isopropyl alcohol	Ave	0.0342	0.0350		512	500	2.3	50.0
Acetonitrile	Ave	0.1855	0.1780		480	500	-4.0	20.0
Allyl Chloride (3-Chloropropene)	Ave	1.855	1.780		48.0	50.0	-4.0	20.0
Methyl acetate	Ave	0.5759	0.5348		92.9	100	-7.1	20.0
Methylene Chloride	Ave	0.5474	0.5763		52.6	50.0	5.3	50.0
tert-Butyl alcohol	Ave	0.0592	0.0594		502	500	0.3	20.0
Acrylonitrile	Ave	0.2776	0.2656		478	500	-4.3	50.0
trans-1,2-Dichloroethene	Ave	0.5195	0.5175		49.8	50.0	-0.4	20.0
MTBE	Ave	1.793	1.823		50.8	50.0	1.6	20.0
n-Hexane	Ave	0.7448	0.6548		44.0	50.0	-12.1	20.0
1,1-Dichloroethane	Ave	1.094	1.133		51.8	50.0	3.5	20.0
Vinyl acetate	Ave	2.090	2.224		266	250	6.4	50.0
Isopropyl ether	Ave	2.470	2.731		55.3	50.0	10.6	20.0
Chloroprene	Ave	1.021	1.122		55.0	50.0	10.0	20.0
Ethyl tert-butyl ether	Ave	1.967	2.086		53.0	50.0	6.1	20.0
2,2-Dichloropropane	Ave	0.9355	1.014		54.2	50.0	8.4	20.0
cis-1,2-Dichloroethene	Ave	1.029	1.114		54.1	50.0	8.3	20.0
2-Butanone	Ave	0.3428	0.3429		250	250	0.0	50.0
Ethyl acetate	Ave	0.8354	0.8521		102	100	2.0	20.0
Propane Nitrile (Propionitrile)	Ave	0.0984	0.1016		516	500	3.3	20.0
Bromochloromethane	Lin1		0.4369		51.8	50.0	3.7	20.0
Methacrylonitrile	Ave	0.3128	0.3388		542	500	8.3	20.0
Tetrahydrofuran	Lin1		0.2619		100	100	0.3	20.0
Chloroform	Ave	1.076	1.207		56.1	50.0	12.1	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Lab Sample ID: CCVIS 860-22554/2 Calibration Date: 09/15/2021 07:02

Instrument ID: A325 Calib Start Date: 09/14/2021 12:22

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 09/14/2021 15:13

Lab File ID: A32507113.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1,1-Trichloroethane	Ave	0.8901	0.9920		55.7	50.0	11.4	20.0
Cyclohexane	Ave	0.9190	0.8158		44.4	50.0	-11.2	20.0
Carbon tetrachloride	Ave	0.7036	0.7758		55.1	50.0	10.3	20.0
1,1-Dichloropropene	Ave	0.8287	0.8653		52.2	50.0	4.4	20.0
Isobutanol	Ave	0.0160	0.0173		1342	1240	8.3	50.0
Benzene	Ave	1.371	1.461		53.3	50.0	6.5	20.0
1,2-Dichloroethane	Ave	0.5642	0.6089		54.0	50.0	7.9	20.0
2,2,4-Trimethylpentane	Ave	2.071	2.012		48.6	50.0	-2.8	20.0
Tert-amyl methyl ether	Ave	1.057	1.152		54.5	50.0	9.0	20.0
n-Butanol	Ave	0.0168	0.0173		1275	1240	2.9	20.0
Trichloroethene	Ave	0.2887	0.3057		53.0	50.0	5.9	20.0
Methylcyclohexane	Ave	0.5134	0.5296		51.6	50.0	3.2	20.0
1,2-Dichloropropane	Ave	0.3869	0.4265		55.1	50.0	10.2	20.0
Dibromomethane	Ave	0.2573	0.2724		52.9	50.0	5.9	20.0
Methyl methacrylate	Ave	0.2897	0.3017		104	100	4.1	50.0
1,4-Dioxane (P-Dioxane)	Ave	0.0030	0.0029		972	1000	-2.8	50.0
Bromodichloromethane	Ave	0.4872	0.5462		56.1	50.0	12.1	20.0
2-Nitropropane	None					100		20.0
2-Chloroethyl vinyl ether	Qua		0.1102		70.4	50.0	40.9*	20.0
cis-1,3-Dichloropropene	Ave	0.6001	0.6549		54.6	50.0	9.1	20.0
4-Methyl-2-pentanone	Ave	0.4857	0.5110		263	250	5.2	50.0
Toluene	Ave	0.8715	0.9286		53.3	50.0	6.6	20.0
trans-1,3-Dichloropropene	Ave	0.5954	0.6706		56.3	50.0	12.6	20.0
Ethyl methacrylate	Ave	0.5352	0.5930		55.4	50.0	10.8	50.0
1,1,2-Trichloroethane	Ave	0.2922	0.3324		56.9	50.0	13.8	20.0
Tetrachloroethene	Ave	0.2331	0.2524		54.1	50.0	8.3	20.0
1,3-Dichloropropane	Ave	0.5744	0.6499		56.6	50.0	13.2	20.0
2-Hexanone	Ave	0.3348	0.3558		266	250	6.3	50.0
Dibromochloromethane	Ave	0.3600	0.4117		57.2	50.0	14.3	20.0
1,2-Dibromoethane	Ave	0.3387	0.3674		54.2	50.0	8.5	20.0
1-Chlorohexane	Ave	0.5595	0.5840		52.2	50.0	4.4	20.0
Chlorobenzene	Ave	0.9344	0.9781		52.3	50.0	4.7	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3170	0.3699		58.3	50.0	16.7	20.0
Ethylbenzene	Ave	1.662	1.791		53.9	50.0	7.8	20.0
m,p-Xylenes	Ave	1.258	1.373		54.6	50.0	9.2	20.0
o-Xylene	Ave	1.334	1.541		57.8	50.0	15.5	20.0
Styrene	Ave	1.097	1.237		56.4	50.0	12.8	20.0
Bromoform	Ave	0.2220	0.2615		58.9	50.0	17.8	20.0
Isopropylbenzene	Ave	1.537	1.731		56.3	50.0	12.7	20.0
Cyclohexanone	Ave	0.0114	0.0129		2828	2500	13.1	50.0
Bromobenzene	Ave	0.7774	0.8098		52.1	50.0	4.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Lab Sample ID: CCVIS 860-22554/2 Calibration Date: 09/15/2021 07:02

Instrument ID: A325 Calib Start Date: 09/14/2021 12:22

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 09/14/2021 15:13

Lab File ID: A32507113.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1,2,2-Tetrachloroethane	Ave	1.077	1.087		50.5	50.0	1.0	20.0
1,2,3-Trichloropropane	Ave	1.157	1.176		50.8	50.0	1.6	20.0
trans-1,4-Dichloro-2-butene	Ave	0.3197	0.3374		52.8	50.0	5.5	50.0
N-Propylbenzene	Ave	4.214	4.314		51.2	50.0	2.4	20.0
2-Chlorotoluene	Ave	2.709	2.750		50.8	50.0	1.5	20.0
4-Ethyltoluene	Ave	2.994	3.069		51.3	50.0	2.5	20.0
1,3,5-Trimethylbenzene	Ave	2.763	2.877		52.1	50.0	4.2	20.0
4-Chlorotoluene	Ave	2.931	3.019		51.5	50.0	3.0	20.0
tert-Butylbenzene	Ave	2.188	2.280		52.1	50.0	4.2	20.0
1,2,4-Trimethylbenzene	Ave	2.750	2.907		52.8	50.0	5.7	20.0
sec-Butylbenzene	Ave	3.570	3.689		51.7	50.0	3.3	20.0
1,3-Dichlorobenzene	Ave	1.489	1.486		49.9	50.0	-0.2	20.0
p-Cymene (p-Isopropyltoluene)	Ave	2.900	3.020		52.1	50.0	4.1	20.0
1,4-Dichlorobenzene	Ave	1.585	1.588		50.1	50.0	0.2	20.0
Dicyclopentadiene	Ave	4.783	5.054		52.8	50.0	5.7	20.0
n-Butylbenzene	Ave	3.281	3.246		49.5	50.0	-1.1	20.0
1,2-Dichlorobenzene	Ave	1.465	1.504		51.3	50.0	2.7	20.0
1,2-Dibromo-3-Chloropropane	Lin1		0.1292		44.5	50.0	-11.1	50.0
1,2,4-Trichlorobenzene	Lin1		0.4668		35.5	50.0	-28.9*	20.0
Hexachlorobutadiene	Ave	0.3040	0.2620		43.1	50.0	-13.8	50.0
Naphthalene	Ave	1.470	0.9623		32.7	50.0	-34.6*	20.0
1,2,3-Trichlorobenzene	Ave	0.4672	0.2743		29.4	50.0	-41.3*	20.0
Dibromofluoromethane (Surr)	Ave	0.6268	0.6418		51.2	50.0	2.4	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.4721	0.4784		50.7	50.0	1.3	20.0
Toluene-d8 (Surr)	Ave	1.423	1.412		49.6	50.0	-0.8	20.0
4-Bromofluorobenzene (Surr)	Ave	1.020	0.9389		46.0	50.0	-8.0	20.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 860-22424/9

Matrix: Water Lab File ID: T16690.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/14/2021 13:19

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 22424 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.000216	U	0.00100	0.000216
127-18-4	Tetrachloroethene	0.000500	U	0.00100	0.000500

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	91		74-124
1868-53-7	Dibromofluoromethane (Surr)	109		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		63-144
2037-26-5	Toluene-d8 (Surr)	99		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 860-22554/11

Matrix: Water Lab File ID: A32507122.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/15/2021 11:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 22554 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.000216	U	0.00100	0.000216
127-18-4	Tetrachloroethene	0.000500	U	0.00100	0.000500

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	105		74-124
1868-53-7	Dibromofluoromethane (Surr)	99		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		63-144
2037-26-5	Toluene-d8 (Surr)	104		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 860-22424/3

Matrix: Water Lab File ID: T16685.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/14/2021 11:37

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 22424 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.05219		0.00100	0.000216
127-18-4	Tetrachloroethene	0.04600		0.00100	0.000500

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	94		74-124
1868-53-7	Dibromofluoromethane (Surr)	105		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		63-144
2037-26-5	Toluene-d8 (Surr)	96		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 860-22554/3

Matrix: Water Lab File ID: A32507114.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/15/2021 07:44

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 22554 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.05849		0.00100	0.000216
127-18-4	Tetrachloroethene	0.05835		0.00100	0.000500

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	96		74-124
1868-53-7	Dibromofluoromethane (Surr)	97		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		63-144
2037-26-5	Toluene-d8 (Surr)	98		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 860-22424/4

Matrix: Water Lab File ID: T16686.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/14/2021 11:57

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 22424 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.05090		0.00100	0.000216
127-18-4	Tetrachloroethene	0.04569		0.00100	0.000500

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	92		74-124
1868-53-7	Dibromofluoromethane (Surr)	107		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		63-144
2037-26-5	Toluene-d8 (Surr)	97		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 860-22554/5

Matrix: Water Lab File ID: A32507116.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/15/2021 08:52

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 22554 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.05911		0.00100	0.000216
127-18-4	Tetrachloroethene	0.05757		0.00100	0.000500

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	98		74-124
1868-53-7	Dibromofluoromethane (Surr)	96		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		63-144
2037-26-5	Toluene-d8 (Surr)	98		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Client Sample ID: Artesia-MW35-091121 MS Lab Sample ID: 860-11715-5 MS

Matrix: Water Lab File ID: A32507117.D

Analysis Method: 8260C Date Collected: 09/11/2021 11:00

Sample wt/vol: 5(mL) Date Analyzed: 09/15/2021 09:38

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 22554 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.07734		0.00100	0.000216
127-18-4	Tetrachloroethene	0.07740		0.00100	0.000500

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	102		74-124
1868-53-7	Dibromofluoromethane (Surr)	99		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		63-144
2037-26-5	Toluene-d8 (Surr)	100		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Client Sample ID: Artesia-MW35-091121 MSD Lab Sample ID: 860-11715-5 MSD

Matrix: Water Lab File ID: A32507118.D

Analysis Method: 8260C Date Collected: 09/11/2021 11:00

Sample wt/vol: 5(mL) Date Analyzed: 09/15/2021 09:57

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 22554 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.06607		0.00100	0.000216
127-18-4	Tetrachloroethene	0.06597		0.00100	0.000500

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	98		74-124
1868-53-7	Dibromofluoromethane (Surr)	98		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		63-144
2037-26-5	Toluene-d8 (Surr)	100		80-117

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Instrument ID: A294 Start Date: 08/20/2021 21:20

Analysis Batch Number: 19825 End Date: 08/21/2021 01:05

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 860-19825/1		08/20/2021 21:20	1	T15964.D	DB-624 0.25(mm)
IC 860-19825/2		08/20/2021 21:40	1	T15965.D	DB-624 0.25(mm)
IC 860-19825/3		08/20/2021 22:00	1	T15966.D	DB-624 0.25(mm)
IC 860-19825/4		08/20/2021 22:21	1	T15967.D	DB-624 0.25(mm)
IC 860-19825/5		08/20/2021 22:41	1	T15968.D	DB-624 0.25(mm)
ICIS 860-19825/6		08/20/2021 23:02	1	T15969.D	DB-624 0.25(mm)
IC 860-19825/7		08/20/2021 23:22	1	T15970.D	DB-624 0.25(mm)
IC 860-19825/8		08/21/2021 00:03	1	T15972.D	DB-624 0.25(mm)
ICV 860-19825/9		08/21/2021 01:05	1	T15975.D	DB-624 0.25(mm)
ZZZZZ		08/21/2021 01:05	1		DB-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Instrument ID: A294 Start Date: 09/14/2021 10:10

Analysis Batch Number: 22424 End Date: 09/14/2021 20:09

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 860-22424/1		09/14/2021 10:10	1	T16683.D	DB-624 0.25(mm)
CCVIS 860-22424/2		09/14/2021 10:56	1	T16684.D	DB-624 0.25(mm)
LCS 860-22424/3		09/14/2021 11:37	1	T16685.D	DB-624 0.25(mm)
LCSD 860-22424/4		09/14/2021 11:57	1	T16686.D	DB-624 0.25(mm)
ZZZZZ		09/14/2021 12:18	1		DB-624 0.25(mm)
ZZZZZ		09/14/2021 12:38	1		DB-624 0.25(mm)
ZZZZZ		09/14/2021 12:59	1		DB-624 0.25(mm)
MB 860-22424/9		09/14/2021 13:19	1	T16690.D	DB-624 0.25(mm)
ZZZZZ		09/14/2021 13:40	1		DB-624 0.25(mm)
ZZZZZ		09/14/2021 14:00	1		DB-624 0.25(mm)
ZZZZZ		09/14/2021 14:21	1		DB-624 0.25(mm)
ZZZZZ		09/14/2021 14:41	5		DB-624 0.25(mm)
ZZZZZ		09/14/2021 15:02	1		DB-624 0.25(mm)
ZZZZZ		09/14/2021 15:22	1		DB-624 0.25(mm)
ZZZZZ		09/14/2021 15:43	1		DB-624 0.25(mm)
ZZZZZ		09/14/2021 16:03	1		DB-624 0.25(mm)
ZZZZZ		09/14/2021 16:24	1		DB-624 0.25(mm)
ZZZZZ		09/14/2021 16:44	1		DB-624 0.25(mm)
860-11715-2	Artesia-TB01-091121	09/14/2021 17:05	1	T16701.D	DB-624 0.25(mm)
860-11715-1	Artesia-MW40-091021	09/14/2021 17:25	1	T16702.D	DB-624 0.25(mm)
860-11715-3	Artesia-MW39-091121	09/14/2021 17:46	1	T16703.D	DB-624 0.25(mm)
860-11715-4	Artesia-MD39-091121	09/14/2021 18:06	1	T16704.D	DB-624 0.25(mm)
ZZZZZ		09/14/2021 18:27	1		DB-624 0.25(mm)
ZZZZZ		09/14/2021 18:47	1		DB-624 0.25(mm)
ZZZZZ		09/14/2021 19:07	1		DB-624 0.25(mm)
ZZZZZ		09/14/2021 19:28	1		DB-624 0.25(mm)
ZZZZZ		09/14/2021 19:48	1		DB-624 0.25(mm)
ZZZZZ		09/14/2021 20:09	1		DB-624 0.25(mm)

8260C

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Instrument ID: A325 Start Date: 09/14/2021 11:25

Analysis Batch Number: 22460 End Date: 09/14/2021 22:11

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 860-22460/1		09/14/2021 11:25	1	A32507057.D	DB-624 0.25(mm)
IC 860-22460/4		09/14/2021 12:22	1	A32507060.D	DB-624 0.25(mm)
IC 860-22460/5		09/14/2021 12:41	1	A32507061.D	DB-624 0.25(mm)
ICIS 860-22460/6		09/14/2021 13:00	1	A32507062.D	DB-624 0.25(mm)
IC 860-22460/8		09/14/2021 13:38	1	A32507064.D	DB-624 0.25(mm)
IC 860-22460/10		09/14/2021 14:16	1	A32507066.D	DB-624 0.25(mm)
IC 860-22460/12		09/14/2021 14:54	1	A32507068.D	DB-624 0.25(mm)
IC 860-22460/13		09/14/2021 15:13	1	A32507069.D	DB-624 0.25(mm)
ICV 860-22460/14		09/14/2021 15:32	1	A32507070.D	DB-624 0.25(mm)
ZZZZZ		09/14/2021 15:32	1		DB-624 0.25(mm)
ZZZZZ		09/14/2021 15:51	1		DB-624 0.25(mm)
ZZZZZ		09/14/2021 16:10	1		DB-624 0.25(mm)
ZZZZZ		09/14/2021 17:26	1		DB-624 0.25(mm)
		09/14/2021 17:45	1		DB-624 0.25(mm)
		09/14/2021 18:04	1		DB-624 0.25(mm)
		09/14/2021 18:23	1		DB-624 0.25(mm)
		09/14/2021 18:42	1		DB-624 0.25(mm)
		09/14/2021 19:01	1		DB-624 0.25(mm)
		09/14/2021 19:20	1		DB-624 0.25(mm)
		09/14/2021 19:39	1		DB-624 0.25(mm)
		09/14/2021 19:58	1		DB-624 0.25(mm)
		09/14/2021 20:17	1		DB-624 0.25(mm)
		09/14/2021 20:36	1		DB-624 0.25(mm)
ZZZZZ		09/14/2021 20:55	1		DB-624 0.25(mm)
ZZZZZ		09/14/2021 21:14	200		DB-624 0.25(mm)
ZZZZZ		09/14/2021 21:33	2000		DB-624 0.25(mm)
ZZZZZ		09/14/2021 21:52	10		DB-624 0.25(mm)
ZZZZZ		09/14/2021 22:11	10		DB-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Instrument ID: A325 Start Date: 09/15/2021 06:43

Analysis Batch Number: 22554 End Date: 09/15/2021 14:23

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 860-22554/1		09/15/2021 06:43	1	A32507112.D	DB-624 0.25(mm)
CCVIS 860-22554/2		09/15/2021 07:02	1	A32507113.D	DB-624 0.25(mm)
LCS 860-22554/3		09/15/2021 07:44	1	A32507114.D	DB-624 0.25(mm)
LCSD 860-22554/5		09/15/2021 08:52	1	A32507116.D	DB-624 0.25(mm)
860-11715-5 MS	Artesia-MW35-091121 MS	09/15/2021 09:38	1	A32507117.D	DB-624 0.25(mm)
860-11715-5 MSD	Artesia-MW35-091121 MSD	09/15/2021 09:57	1	A32507118.D	DB-624 0.25(mm)
MB 860-22554/11		09/15/2021 11:13	1	A32507122.D	DB-624 0.25(mm)
ZZZZZ		09/15/2021 11:32	1		DB-624 0.25(mm)
ZZZZZ		09/15/2021 11:51	1		DB-624 0.25(mm)
ZZZZZ		09/15/2021 12:10	1		DB-624 0.25(mm)
ZZZZZ		09/15/2021 12:29	1		DB-624 0.25(mm)
ZZZZZ		09/15/2021 12:48	1		DB-624 0.25(mm)
860-11715-5	Artesia-MW35-091121	09/15/2021 13:07	1	A32507128.D	DB-624 0.25(mm)
ZZZZZ		09/15/2021 13:26	50		DB-624 0.25(mm)
ZZZZZ		09/15/2021 13:45	50		DB-624 0.25(mm)
ZZZZZ		09/15/2021 14:04	50		DB-624 0.25(mm)
ZZZZZ		09/15/2021 14:23	50		DB-624 0.25(mm)

8260C

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Batch Number: 19825 Batch Start Date: 08/20/21 21:20 Batch Analyst: Mikhail, Ezabel

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	VM8260GASLCS 00005	VM8260GASSTD 00005	VM8260ISSS50 00005	VM8260LCS 00012
BFB 860-19825/1		8260C		5 mL	5 mL			5 uL	
IC 860-19825/2		8260C		5 mL	5 mL		0.8 uL	5 uL	
IC 860-19825/3		8260C		5 mL	5 mL		4 uL	5 uL	
IC 860-19825/4		8260C		5 mL	5 mL		8 uL	5 uL	
IC 860-19825/5		8260C		5 mL	5 mL		20 uL	5 uL	
ICIS 860-19825/6		8260C		5 mL	5 mL		40 uL	5 uL	
IC 860-19825/7		8260C		5 mL	5 mL		80 uL	5 uL	
IC 860-19825/8		8260C		5 mL	5 mL		120 uL	5 uL	
ICV 860-19825/9		8260C		5 mL	5 mL	40 uL		5 uL	40 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	VM8260STD 00030					
BFB 860-19825/1		8260C							
IC 860-19825/2		8260C		0.8 uL					
IC 860-19825/3		8260C		4 uL					
IC 860-19825/4		8260C		8 uL					
IC 860-19825/5		8260C		20 uL					
ICIS 860-19825/6		8260C		40 uL					
IC 860-19825/7		8260C		80 uL					
IC 860-19825/8		8260C		120 uL					
ICV 860-19825/9		8260C							

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Batch Number: 22424 Batch Start Date: 09/14/21 10:10 Batch Analyst: Mikhail, Ezabel

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	VM8260GASLCS 00006	VM8260GASSTD 00007	VM8260ISSS50 00006
BFB 860-22424/1		8260C		5 mL	5 mL				5 uL
CCVIS 860-22424/2		8260C		5 mL	5 mL			40 uL	5 uL
LCS 860-22424/3		8260C		5 mL	5 mL		40 uL		5 uL
LCSD 860-22424/4		8260C		5 mL	5 mL		40 uL		5 uL
MB 860-22424/9		8260C		5 mL	5 mL				5 uL
860-11715-B-2	Artesia-TB01-091121	8260C	T	5 mL	5 mL	2 SU			5 uL
860-11715-B-1	Artesia-MW40-091021	8260C	T	5 mL	5 mL	6 SU			5 uL
860-11715-B-3	Artesia-MW39-091121	8260C	T	5 mL	5 mL	2 SU			5 uL
860-11715-B-4	Artesia-MD39-091121	8260C	T	5 mL	5 mL	2 SU			5 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	VM8260LCS 00012	VM8260STD 00032				
BFB 860-22424/1		8260C							
CCVIS 860-22424/2		8260C			40 uL				
LCS 860-22424/3		8260C		40 uL					
LCSD 860-22424/4		8260C		40 uL					
MB 860-22424/9		8260C							
860-11715-B-2	Artesia-TB01-091121	8260C	T						
860-11715-B-1	Artesia-MW40-091021	8260C	T						
860-11715-B-3	Artesia-MW39-091121	8260C	T						
860-11715-B-4	Artesia-MD39-091121	8260C	T						

Batch Notes	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Batch Number: 22424 Batch Start Date: 09/14/21 10:10 Batch Analyst: Mikhail, Ezabel

Batch Method: 8260C Batch End Date:

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Batch Number: 22460 Batch Start Date: 09/14/21 11:25 Batch Analyst: Dang, Tram T

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	VM8260GASLCS 00006	VM8260GASSTD 00007	VM8260ISSS50 00004	VM8260LCS 00013
BFB 860-22460/1		8260C		5 mL	5 mL			5 uL	
IC 860-22460/4		8260C		5 mL	5 mL		8 uL	5 uL	
IC 860-22460/5		8260C		5 mL	5 mL		20 uL	5 uL	
ICIS 860-22460/6		8260C		5 mL	5 mL		40 uL	5 uL	
IC 860-22460/8		8260C		5 mL	5 mL		120 uL	5 uL	
IC 860-22460/10		8260C		5 mL	5 mL		80 uL	5 uL	
IC 860-22460/12		8260C		5 mL	5 mL		0.8 uL	5 uL	
IC 860-22460/13		8260C		5 mL	5 mL		4 uL	5 uL	
ICV 860-22460/14		8260C		5 mL	5 mL	40 uL		5 uL	40 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	VM8260STD 00032					
BFB 860-22460/1		8260C							
IC 860-22460/4		8260C		8 uL					
IC 860-22460/5		8260C		20 uL					
ICIS 860-22460/6		8260C		40 uL					
IC 860-22460/8		8260C		120 uL					
IC 860-22460/10		8260C		80 uL					
IC 860-22460/12		8260C		0.8 uL					
IC 860-22460/13		8260C		4 uL					
ICV 860-22460/14		8260C							

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-11715-1

SDG No.:

Batch Number: 22554 Batch Start Date: 09/15/21 06:43 Batch Analyst: Dang, Tram T

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	VM8260GASLCS 00006	VM8260GASSTD 00007	VM8260ISSS50 00004
BFB 860-22554/1		8260C		5 mL	5 mL				5 uL
CCVIS 860-22554/2		8260C		5 mL	5 mL			40 uL	5 uL
LCS 860-22554/3		8260C		5 mL	5 mL		40 uL		5 uL
LCSD 860-22554/5		8260C		5 mL	5 mL		40 uL		5 uL
860-11715-B-5 MS	Artesia-MW35-091 121	8260C	T	5 mL	5 mL	2 SU	40 uL		5 uL
860-11715-B-5 MSD	Artesia-MW35-091 121	8260C	T	5 mL	5 mL	2 SU	40 uL		5 uL
MB 860-22554/11		8260C		5 mL	5 mL				5 uL
860-11715-B-5	Artesia-MW35-091 121	8260C	T	5 mL	5 mL	2 SU			5 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	VM8260LCS 00013	VM8260STD 00032				
BFB 860-22554/1		8260C							
CCVIS 860-22554/2		8260C			40 uL				
LCS 860-22554/3		8260C		40 uL					
LCSD 860-22554/5		8260C		40 uL					
860-11715-B-5 MS	Artesia-MW35-091 121	8260C	T	40 uL					
860-11715-B-5 MSD	Artesia-MW35-091 121	8260C	T	40 uL					
MB 860-22554/11		8260C							
860-11715-B-5	Artesia-MW35-091 121	8260C	T						

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

Released to Imaging: 6/14/2022 10:51:35 AM

Released to Imaging: 6/14/2022 10:51:35 AM
Received by OCD: 3/25/2022 8:51:12 AM

Eurofins Xenco, Stafford
4147 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins | Environment Testing America

FedEx

Client Information	Sampler: A Forsberg	Lab PM: McDaniel, Bethany A	Carrier Tracking No(s): 791189863512	COC No: 860-4166-1444.1
Client Contact: Aleeca Forsberg	Phone: 505 918 1800	E-Mail: Bethany.McDaniel@Eurofinset.com	State of Origin: NM	Page: Page 1 of 1
Company: Jacobs Engineering Group, Inc.	PWSID:			Job #:
Address: 3721 Rutledge Rd NE Suite B-1	Due Date Requested:			
City: Albuquerque	TAT Requested (days): 5days			
State, Zip: NM, 87109	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 148021462			
Email: aleeca.forsberg@jacobs.com	WO #: D3367411 C.CS.TPE.AR.21-04-02			
Project Name: Dowell Artesia	Project #: 86000977			
Site:	SSOW#:			

Analysis Requested

Temp: 3.9 IR ID:HOU-272
C/F +0.2
Corrected Temp: 4.1

Preservation Codes:

A	HCL	M	Hexane
B	NaOH	N	None
C	Zn Acetate	O	AsNaO2
D	Nitric Acid	P	Na2O4S
E	NaHSO4	Q	Na2SO3
F	MeOH	R	Na2S2O3
G	Amchlor	S	H2SO4
H	Ascorbic Acid	T	TSP Dodecahydrate
I	Ice	U	Acetone
J	DI Water	V	MCAA
K	EDTA	W	pH 4-5
L	EDA	Z	other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C (MOD) 8260B - PCE and 1,1-DCE	Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X	A	X	
Artesia-MW40-091021	9/10/21	0900	G	Water	N	N	X	3	One Vial has bubble
Artesia-TB01-091121	9/11/21	0805	G	Water	N	N	X	2	TRIP BLANK
Artesia-MW39-091121	"	0945	G	Water	N	N	X	3	
Artesia-MD39-091121	"	0955	G	Water	N	N	X	3	
Artesia-MW35 091121	"	1100	G	Water	N	Y	X	9	
				Water					
				Water					

860-11715 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify) See TO paperwork.

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
A Forsberg	9.15.21 0900	JACOBS	FedEx 791189863512		
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 9/14/21 1226	Company EX
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

Ver 01/16/2019

Login Sample Receipt Checklist

Client: Jacobs Engineering Group, Inc. Job Number: 860-11715-1

Login Number: 11715 **List Source: Eurofins Xenco, Stafford**
List Number: 1
Creator: Rubio, Yuri

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	4.1
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

Login Sample Receipt Checklist

Client: Jacobs Engineering Group, Inc. Job Number: 860-11715-1

Login Number: 11715 **List Source: Eurofins Xenco, Stafford**
List Number: 2
Creator: Rubio, Yuri

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	4.1
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	Check done at department level as required.

Released to Imaging: 6/14/2022 10:51:35 AM

Data Usability Review: Data Package					
Client Name:	**Dowell Artesia**		Project Number:		**D3367411 A.CS.EV.AR.21-05-03**
Project / Affected Property:	**2H2021 Groundwater**		Project Manager:		**Aleeca Forsberg/ABQ**
Laboratory:	**Eurofins-Stafford**		Lab SDG # / Job #:		**860-13548-1**
Reviewer:	**John Ynfante/HOU**				
Level of Review / Validation:	**Level 3**				
ITEM		**YES**	**NO**	**N/A**	**COMMENTS**
Laboratory Data Package Signature Page included?		☑	☐	☐	
Date of sample collection included?		☑	☐	☐	
Sample receipt temperature ≤ 6° C?		☑	☐	☐	1.3 and 2.4 deg C
Signed COCs included?		☑	☐	☐	
Field ID included?		☑	☐	☐	
Laboratory ID included?		☑	☐	☐	
Date of analysis included?		☑	☐	☐	
Date of sample preparation included?		☑	☐	☐	
Detection levels included?		☑	☐	☐	
Method reference included?		☑	☐	☐	
Sample matrix included?		☑	☐	☐	
Sample results included?		☑	☐	☐	
Case narrative included, where required?		☑	☐	☐	
Definitions: AA - Atomic Absorption; %D - Percent Difference, ICP - Inductively Coupled Plasma; IDL - Instrument Detection Limit; MDL - Method Detection Limit; MQL - Method Quantitation Limit; %R - Percent Recovery; RF - Response Factor; RPD - Relative Percent Difference; RRT - Relative Retention Time; RSD - Relative Standard Deviation.					
COMMENTS					
VOCs: J+ (MS)					
Sulfate: No DV flags applied					

Data Usability Review: VOCs (GC/MS), SW-846 8260B

Client Name:	**Dowell Artesia**	Project Number:	**D3367411 A.CS.EV.AR.21-05-03**
Project / Affected Property:	**2H2021 Groundwater**	Project Manager:	**Aleeca Forsberg/ABQ**
Laboratory:	**Eurofins-Stafford**	Lab SDG # / Job #:	**860-13548-1**
Reviewer:	**John Ynfante/HOU**		
Level of Review / Validation:	**Level 3**		

ITEM	YES	NO	N/A	COMMENTS
Preparatory/analytical holding time met?	☑	☐	☐	
Surrogate data included in lab package?	☑	☐	☐	
%R criteria met? (use limits listed below or specify lab limits). Reject %R <10%.	☑	☐	☐	
R5 Method blank data included in Lab Package?	☑	☐	☐	
Criteria met?	☑	☐	☐	
QC check samples/LCS data included in lab package?	☑	☐	☐	LCS/LCSD
%R criteria met? (specified limits)	☑	☐	☐	
Matrix spike data included in lab package?	☑	☐	☐	
%R criteria met? (laboratory specified limits)	☐	☑	☐	
RPD criteria met? (< 20% water, <50% soil)	☑	☐	☐	
Initial calibration documentation included in lab package?	☑	☐	☐	
RF criteria met for SPCC? RRF <0.05 rejected.	☑	☐	☐	
%RSD criteria met for CCC? (<30% RSD for CCC, >15% RSD must have fit)	☑	☐	☐	
Calibration verification data included in lab package?	☑	☐	☐	
RF criteria met for SPCC? RRF <0.05 rejected.	☑	☐	☐	
%D criteria met for CCC? (20% Max, Qualify >25%D)	☑	☐	☐	
Instrument Tune documentation included in lab package?	☑	☐	☐	
Instrument Tune Criteria met?	☑	☐	☐	
Internal standard data included in lab package?	☑	☐	☐	
Area within limits? (within -50% to +100% of last calibration check?	☑	☐	☐	
RRT within limits? (<30 sec. Difference from last calibration check?	☑	☐	☐	

Surrogates	Control Limits	Lab Limits?
1,2-Dichloroethane-d4	water 80-120%, soil 80-120%	
Dibromofluoromethane	water 86-118%, soil 80-120%	
Toluene-d8	water 88-110%, soil 81-117%	
4-Bromofluorobenzene	water 86-115%, soil 74-121%	

Notes:

* SPCC: chloromethane (0.1); 1,1-dichloroethane (0.1); bromoform (0.1); chlorobenzene (0.3); and 1,1,2,2-tetrachloroethane (0.3).

Definitions: AA - Atomic Absorption; %D - Percent Difference, ICP - Inductively Coupled Plasma; IDL - Instrument Detection Limit; MDL - Method Detection Limit; MQL - Method Quantitation Limit; %R - Percent Recovery; RF - Response Factor; RPD - Relative P

COMMENTS

TB: No target VOCs detected in trip blank Artesia-TB01-10112021

MS: Tetrachloroethene and 1,1-dichloroethane were recovered high in the MS performed on sample 860-13548-21 so the results for these analytes in the parent sample were qualified as J+. All analytes in the project-specific MS/MSD performed on sample 860-13548-23 were recovered within control limits.

FD: Field duplicate precision between Artesia-MW40-10112021 and its field duplicate Artesia-MD40-10112021 was within acceptance criteria.

FD: Field duplicate precision between Artesia-MW11-10112021 and its field duplicate Artesia-MD11-10112021 was within acceptance criteria.

TB: No target VOCs detected in trip blnk Artesia-TB02-10122021

Data Usability Review: Sulfate EPA 300

Client Name:	**Dowell Artesia**	Project Number:	**D3367411 A.CS.EV.AR.21-05-03**
Project / Affected Property:	**2H2021 Groundwater**	Project Manager:	**Aleeca Forsberg/ABQ**
Laboratory:	**Eurofins-Stafford**	Lab SDG # / Job #:	**860-13548-1**
Reviewer:	**John Ynfante/HOU**		
Level of Review / Validation:	**Level 3**		

	ITEM	YES	NO	N/A	COMMENTS
	Preparatory/analytical holding time met?	☑	☐	☐	
	Method blank data included in Lab Package?	☑	☐	☐	
	Criteria met? (<MQL)	☐	☑	☐	
	QC check samples/LCS data included in lab package?	☑	☐	☐	LCS/LCSD
	%R criteria met?	☑	☐	☐	
	Matrix spike data included in lab package?	☑	☐	☐	
	%R criteria met? (AA/ICP 75-125%, Hg 85-115%)	☑	☐	☐	
	Sample duplicate data included in lab package?	☑	☐	☐	
	RPD criteria met? (RPD < 20%)	☑	☐	☐	
	Initial calibration documentation included in lab package?	☑	☐	☐	
	Calibration verification data included in lab package?	☑	☐	☐	
	%R criteria met? (Initial 90-110%)	☑	☐	☐	

Notes:

Definitions: AA - Atomic Absorption; %D - Percent Difference, ICP - Inductively Coupled Plasma; IDL - Instrument Detection Limit; MDL - Method Detection Limit; MQL - Method Quantitation Limit; %R - Percent Recovery; RF - Response Factor; RPD - Relative P

COMMENTS

FD: Field duplicate precision between Artesia-MW11-10112021 and its field duplicate Artesia-MD11-10112021 was within acceptance criteria.

MB: Sulfate detected in the method blank but associated detections were >> 5x blank x dilution factors so no flags applied.

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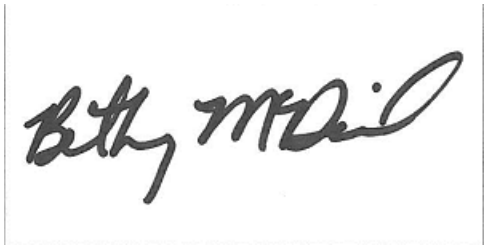
ANALYTICAL REPORT

Job Number: 860-13548-1

Job Description: Dowell - Artesia

For:
Jacobs Engineering Group, Inc.
3721 Rutledge Rd NE
Suite B-1
Albuquerque, NM 87109

Attention: Aleeca Forsberg



Approved for release.
Bethany A McDaniel
Senior Project Manager
10/28/2021 8:22 PM

Bethany A McDaniel, Senior Project Manager
4145 Greenbriar Dr, Stafford, TX, 77477
(713)358-2005
Bethany.McDaniel@Eurofinset.com

10/28/2021
Revision: 1

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Eurofins Xenco, Stafford
4145 Greenbriar Dr, Stafford, TX 77477
Tel (281) 240-4200 www.EurofinsUS.com

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Definitions/Glossary

Client: Jacobs Engineering Group, Inc.
Job ID: 860-13548-1
Project/Site: Dowell - Artesia

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
860-13548-1

Receipt
The samples were received on 10/13/2021 9:53 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 1.3°C and 2.4°C

This report was revised on October 28, 2021 for the case narrative

GC/MS VOA
Method 8260C: The matrix spike(MS) recoveries for analytical batch 860-27279 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-13548-1

Client Sample ID: Artesia-TB01-10112021 — Lab Sample ID: 860-13548-1

No Detections.

Client Sample ID: Artesia-Inlet-10112021 — Lab Sample ID: 860-13548-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.00244		0.000200	0.0000433	mg/L	1		8260C	Total/NA
1,1-Dichloroethane	0.000407		0.000200	0.0000489	mg/L	1		8260C	Total/NA
Tetrachloroethene	0.00103		0.000200	0.000100	mg/L	1		8260C	Total/NA

Client Sample ID: Artesia-MID-10112021 — Lab Sample ID: 860-13548-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.00148		0.000200	0.0000433	mg/L	1		8260C	Total/NA
1,1-Dichloroethane	0.000796		0.000200	0.0000489	mg/L	1		8260C	Total/NA

Client Sample ID: Artesia-Outlet-10112021 — Lab Sample ID: 860-13548-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.000436		0.000200	0.0000489	mg/L	1		8260C	Total/NA

Client Sample ID: Artesia-MW40-10112021 — Lab Sample ID: 860-13548-5

No Detections.

Client Sample ID: Artesia-MD40-10112021 — Lab Sample ID: 860-13548-6

No Detections.

Client Sample ID: Artesia-MW39-10112021 — Lab Sample ID: 860-13548-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.000807		0.000200	0.0000433	mg/L	1		8260C	Total/NA
Tetrachloroethene	0.00132		0.000200	0.000100	mg/L	1		8260C	Total/NA

Client Sample ID: Artesia-MW35-10112021 — Lab Sample ID: 860-13548-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.00308		0.000200	0.0000433	mg/L	1		8260C	Total/NA
Tetrachloroethene	0.00306		0.000200	0.000100	mg/L	1		8260C	Total/NA

Client Sample ID: Artesia-MW29-10112021 — Lab Sample ID: 860-13548-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.00393		0.000200	0.0000433	mg/L	1		8260C	Total/NA
1,1-Dichloroethane	0.00107		0.000200	0.0000489	mg/L	1		8260C	Total/NA
Tetrachloroethene	0.00349		0.000200	0.000100	mg/L	1		8260C	Total/NA

Client Sample ID: Artesia-MW28-10112021 — Lab Sample ID: 860-13548-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.00163		0.000200	0.0000433	mg/L	1		8260C	Total/NA
1,1-Dichloroethane	0.000949		0.000200	0.0000489	mg/L	1		8260C	Total/NA
Tetrachloroethene	0.00145		0.000200	0.000100	mg/L	1		8260C	Total/NA

Client Sample ID: Artesia-MW34-10112021 — Lab Sample ID: 860-13548-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.000217		0.000200	0.0000489	mg/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Xenco, Stafford

Detection Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-13548-1

Client Sample ID: Artesia-MW31-10112021 — Lab Sample ID: 860-13548-12

No Detections.

Client Sample ID: Artesia-MW25-10112021 — Lab Sample ID: 860-13548-13

No Detections.

Client Sample ID: Artesia-MW22-10112021 — Lab Sample ID: 860-13548-14

No Detections.

Client Sample ID: Artesia-MW32-10112021 — Lab Sample ID: 860-13548-15

No Detections.

Client Sample ID: Artesia-MW30-10112021 — Lab Sample ID: 860-13548-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.000947		0.000200	0.0000433	mg/L	1		8260C	Total/NA
Tetrachloroethene	0.000568		0.000200	0.000100	mg/L	1		8260C	Total/NA

Client Sample ID: Artesia-MW11-10112021 — Lab Sample ID: 860-13548-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.000911		0.000200	0.0000489	mg/L	1		8260C	Total/NA
Sulfate	3040		50.0	10.9	mg/L	100		300.0	Total/NA

Client Sample ID: Artesia-MD11-10112021 — Lab Sample ID: 860-13548-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.000978		0.000200	0.0000489	mg/L	1		8260C	Total/NA
Sulfate	3030		50.0	10.9	mg/L	100		300.0	Total/NA

Client Sample ID: Artesia-MW17C-10112021 — Lab Sample ID: 860-13548-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	2390		5.00	1.09	mg/L	10		300.0	Total/NA

Client Sample ID: Artesia-MW12-10112021 — Lab Sample ID: 860-13548-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.00222		0.00100	0.000216	mg/L	1		8260C	Total/NA
Benzene	0.000877	J	0.00100	0.000214	mg/L	1		8260C	Total/NA
1,1-Dichloroethane	0.0408		0.00100	0.000244	mg/L	1		8260C	Total/NA
Sulfate	2280		5.00	1.09	mg/L	10		300.0	Total/NA

Client Sample ID: Artesia-MW-37-10112021 — Lab Sample ID: 860-13548-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.00294		0.00100	0.000216	mg/L	1		8260C	Total/NA
Benzene	0.00405		0.00100	0.000214	mg/L	1		8260C	Total/NA
1,1-Dichloroethane	0.0213		0.00100	0.000244	mg/L	1		8260C	Total/NA
Tetrachloroethene	0.00155		0.00100	0.000500	mg/L	1		8260C	Total/NA
Naphthalene - RA	0.00227	J	0.0100	0.00200	mg/L	1		8260C	Total/NA
Sulfate	2710		50.0	10.9	mg/L	100		300.0	Total/NA

Client Sample ID: Artesia-TB02-10122021 — Lab Sample ID: 860-13548-22

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Xenco, Stafford

Detection Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-13548-1

Client Sample ID: Artesia-MW36-10122021 — Lab Sample ID: 860-13548-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.00126		0.00100	0.000214	mg/L	1		8260C	Total/NA
1,1-Dichloroethane	0.0116		0.00100	0.000244	mg/L	1		8260C	Total/NA
Tetrachloroethene	0.00602		0.00100	0.000500	mg/L	1		8260C	Total/NA
Sulfate	2180		5.00	1.09	mg/L	10		300.0	Total/NA

Client Sample ID: Artesia-MW38-10122021 — Lab Sample ID: 860-13548-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.00171		0.00100	0.000216	mg/L	1		8260C	Total/NA
Benzene	0.00101		0.00100	0.000214	mg/L	1		8260C	Total/NA
1,1-Dichloroethane	0.0708		0.00100	0.000244	mg/L	1		8260C	Total/NA
Tetrachloroethene	0.00365		0.00100	0.000500	mg/L	1		8260C	Total/NA
Sulfate	2680		50.0	10.9	mg/L	100		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-13548-1

Client Sample ID: Artesia-TB01-10112021
Lab Sample ID: 860-13548-1
Date Collected: 10/11/21 12:00
Matrix: Water
Date Received: 10/13/21 09:53

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.0000433	U	0.000200	0.0000433	mg/L			10/16/21 01:14	1
Benzene	0.0000429	U	0.000200	0.0000429	mg/L			10/16/21 01:14	1
1,1-Dichloroethane	0.0000489	U	0.000200	0.0000489	mg/L			10/16/21 01:14	1
Tetrachloroethene	0.000100	U	0.000200	0.000100	mg/L			10/16/21 01:14	1
Naphthalene	0.000400	U	0.00200	0.000400	mg/L			10/16/21 01:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*74 - 124*		*10/16/21 01:14*	*1*
Dibromofluoromethane (Surr)	*121*		*75 - 131*		*10/16/21 01:14*	*1*
1,2-Dichloroethane-d4 (Surr)	*130*		*63 - 144*		*10/16/21 01:14*	*1*
Toluene-d8 (Surr)	*99*		*80 - 117*		*10/16/21 01:14*	*1*

Client Sample ID: Artesia-Inlet-10112021
Lab Sample ID: 860-13548-2
Date Collected: 10/11/21 12:15
Matrix: Water
Date Received: 10/13/21 09:53

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	**0.00244**		0.000200	0.0000433	mg/L			10/16/21 01:55	1
Benzene	0.0000429	U	0.000200	0.0000429	mg/L			10/16/21 01:55	1
1,1-Dichloroethane	**0.000407**		0.000200	0.0000489	mg/L			10/16/21 01:55	1
Tetrachloroethene	**0.00103**		0.000200	0.000100	mg/L			10/16/21 01:55	1
Naphthalene	0.000400	U	0.00200	0.000400	mg/L			10/16/21 01:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*74 - 124*		*10/16/21 01:55*	*1*
Dibromofluoromethane (Surr)	*110*		*75 - 131*		*10/16/21 01:55*	*1*
1,2-Dichloroethane-d4 (Surr)	*120*		*63 - 144*		*10/16/21 01:55*	*1*
Toluene-d8 (Surr)	*84*		*80 - 117*		*10/16/21 01:55*	*1*

Client Sample ID: Artesia-MID-10112021
Lab Sample ID: 860-13548-3
Date Collected: 10/11/21 12:20
Matrix: Water
Date Received: 10/13/21 09:53

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	**0.00148**		0.000200	0.0000433	mg/L			10/16/21 02:16	1
Benzene	0.0000429	U	0.000200	0.0000429	mg/L			10/16/21 02:16	1
1,1-Dichloroethane	**0.000796**		0.000200	0.0000489	mg/L			10/16/21 02:16	1
Tetrachloroethene	0.000100	U	0.000200	0.000100	mg/L			10/16/21 02:16	1
Naphthalene	0.000400	U	0.00200	0.000400	mg/L			10/16/21 02:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*74 - 124*		*10/16/21 02:16*	*1*
Dibromofluoromethane (Surr)	*121*		*75 - 131*		*10/16/21 02:16*	*1*
1,2-Dichloroethane-d4 (Surr)	*135*		*63 - 144*		*10/16/21 02:16*	*1*
Toluene-d8 (Surr)	*100*		*80 - 117*		*10/16/21 02:16*	*1*

Client Sample Results

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-13548-1

Client Sample ID: Artesia-Outlet-10112021
Lab Sample ID: 860-13548-4
Date Collected: 10/11/21 12:25
Matrix: Water
Date Received: 10/13/21 09:53

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.0000433	U	0.000200	0.0000433	mg/L			10/16/21 02:36	1
Benzene	0.0000429	U	0.000200	0.0000429	mg/L			10/16/21 02:36	1
1,1-Dichloroethane	**0.000436**		0.000200	0.0000489	mg/L			10/16/21 02:36	1
Tetrachloroethene	0.000100	U	0.000200	0.000100	mg/L			10/16/21 02:36	1
Naphthalene	0.000400	U	0.00200	0.000400	mg/L			10/16/21 02:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*74 - 124*		*10/16/21 02:36*	*1*
Dibromofluoromethane (Surr)	*125*		*75 - 131*		*10/16/21 02:36*	*1*
1,2-Dichloroethane-d4 (Surr)	*134*		*63 - 144*		*10/16/21 02:36*	*1*
Toluene-d8 (Surr)	*98*		*80 - 117*		*10/16/21 02:36*	*1*

Client Sample ID: Artesia-MW40-10112021
Lab Sample ID: 860-13548-5
Date Collected: 10/11/21 14:45
Matrix: Water
Date Received: 10/13/21 09:53

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.0000433	U	0.000200	0.0000433	mg/L			10/16/21 02:57	1
Tetrachloroethene	0.000100	U	0.000200	0.000100	mg/L			10/16/21 02:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*74 - 124*		*10/16/21 02:57*	*1*
Dibromofluoromethane (Surr)	*111*		*75 - 131*		*10/16/21 02:57*	*1*
1,2-Dichloroethane-d4 (Surr)	*121*		*63 - 144*		*10/16/21 02:57*	*1*
Toluene-d8 (Surr)	*94*		*80 - 117*		*10/16/21 02:57*	*1*

Client Sample ID: Artesia-MD40-10112021
Lab Sample ID: 860-13548-6
Date Collected: 10/11/21 14:50
Matrix: Water
Date Received: 10/13/21 09:53

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.0000433	U	0.000200	0.0000433	mg/L			10/16/21 03:17	1
Tetrachloroethene	0.000100	U	0.000200	0.000100	mg/L			10/16/21 03:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*74 - 124*		*10/16/21 03:17*	*1*
Dibromofluoromethane (Surr)	*111*		*75 - 131*		*10/16/21 03:17*	*1*
1,2-Dichloroethane-d4 (Surr)	*124*		*63 - 144*		*10/16/21 03:17*	*1*
Toluene-d8 (Surr)	*94*		*80 - 117*		*10/16/21 03:17*	*1*

Client Sample ID: Artesia-MW39-10112021
Lab Sample ID: 860-13548-7
Date Collected: 10/11/21 15:05
Matrix: Water
Date Received: 10/13/21 09:53

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	**0.000807**		0.000200	0.0000433	mg/L			10/16/21 03:38	1
Tetrachloroethene	**0.00132**		0.000200	0.000100	mg/L			10/16/21 03:38	1

Client Sample Results

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-13548-1

Client Sample ID: Artesia-MW39-10112021
Lab Sample ID: 860-13548-7
Date Collected: 10/11/21 15:05
Matrix: Water
Date Received: 10/13/21 09:53

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		74 - 124		10/16/21 03:38	1
Dibromofluoromethane (Surr)	107		75 - 131		10/16/21 03:38	1
1,2-Dichloroethane-d4 (Surr)	121		63 - 144		10/16/21 03:38	1
Toluene-d8 (Surr)	95		80 - 117		10/16/21 03:38	1

Client Sample ID: Artesia-MW35-10112021
Lab Sample ID: 860-13548-8
Date Collected: 10/11/21 15:20
Matrix: Water
Date Received: 10/13/21 09:53

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	**0.00308**		0.000200	0.0000433	mg/L			10/16/21 03:58	1
Tetrachloroethene	**0.00306**		0.000200	0.000100	mg/L			10/16/21 03:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		74 - 124		10/16/21 03:58	1
Dibromofluoromethane (Surr)	113		75 - 131		10/16/21 03:58	1
1,2-Dichloroethane-d4 (Surr)	108		63 - 144		10/16/21 03:58	1
Toluene-d8 (Surr)	96		80 - 117		10/16/21 03:58	1

Client Sample ID: Artesia-MW29-10112021
Lab Sample ID: 860-13548-9
Date Collected: 10/11/21 15:35
Matrix: Water
Date Received: 10/13/21 09:53

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	**0.00393**		0.000200	0.0000433	mg/L			10/16/21 04:19	1
Benzene	0.0000429	U	0.000200	0.0000429	mg/L			10/16/21 04:19	1
1,1-Dichloroethane	**0.00107**		0.000200	0.0000489	mg/L			10/16/21 04:19	1
Tetrachloroethene	**0.00349**		0.000200	0.000100	mg/L			10/16/21 04:19	1
Naphthalene	0.000400	U	0.00200	0.000400	mg/L			10/16/21 04:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		74 - 124		10/16/21 04:19	1
Dibromofluoromethane (Surr)	109		75 - 131		10/16/21 04:19	1
1,2-Dichloroethane-d4 (Surr)	118		63 - 144		10/16/21 04:19	1
Toluene-d8 (Surr)	92		80 - 117		10/16/21 04:19	1

Client Sample ID: Artesia-MW28-10112021
Lab Sample ID: 860-13548-10
Date Collected: 10/11/21 15:55
Matrix: Water
Date Received: 10/13/21 09:53

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	**0.00163**		0.000200	0.0000433	mg/L			10/16/21 04:39	1
Benzene	0.0000429	U	0.000200	0.0000429	mg/L			10/16/21 04:39	1
1,1-Dichloroethane	**0.000949**		0.000200	0.0000489	mg/L			10/16/21 04:39	1
Tetrachloroethene	**0.00145**		0.000200	0.000100	mg/L			10/16/21 04:39	1
Naphthalene	0.000400	U	0.00200	0.000400	mg/L			10/16/21 04:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		74 - 124		10/16/21 04:39	1

Client Sample Results

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-13548-1

Client Sample ID: Artesia-MW28-10112021
Lab Sample ID: 860-13548-10
Date Collected: 10/11/21 15:55
Matrix: Water
Date Received: 10/13/21 09:53

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	*127*		*75 - 131*		*10/16/21 04:39*	*1*
1,2-Dichloroethane-d4 (Surr)	*136*		*63 - 144*		*10/16/21 04:39*	*1*
Toluene-d8 (Surr)	*98*		*80 - 117*		*10/16/21 04:39*	*1*

Client Sample ID: Artesia-MW34-10112021
Lab Sample ID: 860-13548-11
Date Collected: 10/11/21 16:10
Matrix: Water
Date Received: 10/13/21 09:53

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.0000433	U	0.000200	0.0000433	mg/L			10/16/21 05:00	1
Benzene	0.0000429	U	0.000200	0.0000429	mg/L			10/16/21 05:00	1
1,1-Dichloroethane	**0.000217**		0.000200	0.0000489	mg/L			10/16/21 05:00	1
Tetrachloroethene	0.000100	U	0.000200	0.000100	mg/L			10/16/21 05:00	1
Naphthalene	0.000400	U	0.00200	0.000400	mg/L			10/16/21 05:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*107*		*74 - 124*		*10/16/21 05:00*	*1*
Dibromofluoromethane (Surr)	*126*		*75 - 131*		*10/16/21 05:00*	*1*
1,2-Dichloroethane-d4 (Surr)	*142*		*63 - 144*		*10/16/21 05:00*	*1*
Toluene-d8 (Surr)	*102*		*80 - 117*		*10/16/21 05:00*	*1*

Client Sample ID: Artesia-MW31-10112021
Lab Sample ID: 860-13548-12
Date Collected: 10/11/21 16:25
Matrix: Water
Date Received: 10/13/21 09:53

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.0000433	U	0.000200	0.0000433	mg/L			10/16/21 05:20	1
Benzene	0.0000429	U	0.000200	0.0000429	mg/L			10/16/21 05:20	1
1,1-Dichloroethane	0.0000489	U	0.000200	0.0000489	mg/L			10/16/21 05:20	1
Tetrachloroethene	0.000100	U	0.000200	0.000100	mg/L			10/16/21 05:20	1
Naphthalene	0.000400	U	0.00200	0.000400	mg/L			10/16/21 05:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*94*		*74 - 124*		*10/16/21 05:20*	*1*
Dibromofluoromethane (Surr)	*105*		*75 - 131*		*10/16/21 05:20*	*1*
1,2-Dichloroethane-d4 (Surr)	*120*		*63 - 144*		*10/16/21 05:20*	*1*
Toluene-d8 (Surr)	*94*		*80 - 117*		*10/16/21 05:20*	*1*

Client Sample ID: Artesia-MW25-10112021
Lab Sample ID: 860-13548-13
Date Collected: 10/11/21 16:55
Matrix: Water
Date Received: 10/13/21 09:53

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.0000433	U	0.000200	0.0000433	mg/L			10/16/21 05:41	1
Benzene	0.0000429	U	0.000200	0.0000429	mg/L			10/16/21 05:41	1
1,1-Dichloroethane	0.0000489	U	0.000200	0.0000489	mg/L			10/16/21 05:41	1
Tetrachloroethene	0.000100	U	0.000200	0.000100	mg/L			10/16/21 05:41	1
Naphthalene	0.000400	U	0.00200	0.000400	mg/L			10/16/21 05:41	1

Client Sample Results

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-13548-1

Client Sample ID: Artesia-MW25-10112021
Lab Sample ID: 860-13548-13
Date Collected: 10/11/21 16:55
Matrix: Water
Date Received: 10/13/21 09:53

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*99*		*74 - 124*		*10/16/21 05:41*	*1*
Dibromofluoromethane (Surr)	*107*		*75 - 131*		*10/16/21 05:41*	*1*
1,2-Dichloroethane-d4 (Surr)	*126*		*63 - 144*		*10/16/21 05:41*	*1*
Toluene-d8 (Surr)	*96*		*80 - 117*		*10/16/21 05:41*	*1*

Client Sample ID: Artesia-MW22-10112021
Lab Sample ID: 860-13548-14
Date Collected: 10/11/21 17:05
Matrix: Water
Date Received: 10/13/21 09:53

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.0000433	U	0.000200	0.0000433	mg/L			10/16/21 06:01	1
Benzene	0.0000429	U	0.000200	0.0000429	mg/L			10/16/21 06:01	1
1,1-Dichloroethane	0.0000489	U	0.000200	0.0000489	mg/L			10/16/21 06:01	1
Tetrachloroethene	0.000100	U	0.000200	0.000100	mg/L			10/16/21 06:01	1
Naphthalene	0.000400	U	0.00200	0.000400	mg/L			10/16/21 06:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*101*		*74 - 124*		*10/16/21 06:01*	*1*
Dibromofluoromethane (Surr)	*109*		*75 - 131*		*10/16/21 06:01*	*1*
1,2-Dichloroethane-d4 (Surr)	*119*		*63 - 144*		*10/16/21 06:01*	*1*
Toluene-d8 (Surr)	*97*		*80 - 117*		*10/16/21 06:01*	*1*

Client Sample ID: Artesia-MW32-10112021
Lab Sample ID: 860-13548-15
Date Collected: 10/11/21 17:25
Matrix: Water
Date Received: 10/13/21 09:53

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.0000433	U	0.000200	0.0000433	mg/L			10/16/21 06:22	1
Benzene	0.0000429	U	0.000200	0.0000429	mg/L			10/16/21 06:22	1
1,1-Dichloroethane	0.0000489	U	0.000200	0.0000489	mg/L			10/16/21 06:22	1
Tetrachloroethene	0.000100	U	0.000200	0.000100	mg/L			10/16/21 06:22	1
Naphthalene	0.000400	U	0.00200	0.000400	mg/L			10/16/21 06:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*101*		*74 - 124*		*10/16/21 06:22*	*1*
Dibromofluoromethane (Surr)	*128*		*75 - 131*		*10/16/21 06:22*	*1*
1,2-Dichloroethane-d4 (Surr)	*136*		*63 - 144*		*10/16/21 06:22*	*1*
Toluene-d8 (Surr)	*101*		*80 - 117*		*10/16/21 06:22*	*1*

Client Sample ID: Artesia-MW30-10112021
Lab Sample ID: 860-13548-16
Date Collected: 10/11/21 17:35
Matrix: Water
Date Received: 10/13/21 09:53

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	**0.000947**		0.000200	0.0000433	mg/L			10/16/21 06:42	1
Benzene	0.0000429	U	0.000200	0.0000429	mg/L			10/16/21 06:42	1
1,1-Dichloroethane	0.0000489	U	0.000200	0.0000489	mg/L			10/16/21 06:42	1
Tetrachloroethene	**0.000568**		0.000200	0.000100	mg/L			10/16/21 06:42	1
Naphthalene	0.000400	U	0.00200	0.000400	mg/L			10/16/21 06:42	1

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Client Sample Results

Client: Jacobs Engineering Group, Inc.
Job ID: 860-13548-1
Project/Site: Dowell - Artesia

Client Sample ID: Artesia-MW30-10112021
Lab Sample ID: 860-13548-16
Date Collected: 10/11/21 17:35
Matrix: Water
Date Received: 10/13/21 09:53

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		74 - 124		10/16/21 06:42	1
Dibromofluoromethane (Surr)	130		75 - 131		10/16/21 06:42	1
1,2-Dichloroethane-d4 (Surr)	141		63 - 144		10/16/21 06:42	1
Toluene-d8 (Surr)	101		80 - 117		10/16/21 06:42	1

Client Sample ID: Artesia-MW11-10112021
Lab Sample ID: 860-13548-17
Date Collected: 10/11/21 14:45
Matrix: Water
Date Received: 10/13/21 09:53

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.0000433	U	0.000200	0.0000433	mg/L			10/16/21 07:03	1
Benzene	0.0000429	U	0.000200	0.0000429	mg/L			10/16/21 07:03	1
1,1-Dichloroethane	**0.000911**		0.000200	0.0000489	mg/L			10/16/21 07:03	1
Tetrachloroethene	0.000100	U	0.000200	0.000100	mg/L			10/16/21 07:03	1
Naphthalene	0.000400	U	0.00200	0.000400	mg/L			10/16/21 07:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		74 - 124		10/16/21 07:03	1
Dibromofluoromethane (Surr)	123		75 - 131		10/16/21 07:03	1
1,2-Dichloroethane-d4 (Surr)	136		63 - 144		10/16/21 07:03	1
Toluene-d8 (Surr)	101		80 - 117		10/16/21 07:03	1

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**3040**		50.0	10.9	mg/L			10/16/21 10:54	100

Client Sample ID: Artesia-MD11-10112021
Lab Sample ID: 860-13548-18
Date Collected: 10/11/21 14:50
Matrix: Water
Date Received: 10/13/21 09:53

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.0000433	U	0.000200	0.0000433	mg/L			10/16/21 07:23	1
Benzene	0.0000429	U	0.000200	0.0000429	mg/L			10/16/21 07:23	1
1,1-Dichloroethane	**0.000978**		0.000200	0.0000489	mg/L			10/16/21 07:23	1
Tetrachloroethene	0.000100	U	0.000200	0.000100	mg/L			10/16/21 07:23	1
Naphthalene	0.000400	U	0.00200	0.000400	mg/L			10/16/21 07:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		74 - 124		10/16/21 07:23	1
Dibromofluoromethane (Surr)	125		75 - 131		10/16/21 07:23	1
1,2-Dichloroethane-d4 (Surr)	136		63 - 144		10/16/21 07:23	1
Toluene-d8 (Surr)	102		80 - 117		10/16/21 07:23	1

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**3030**		50.0	10.9	mg/L			10/16/21 11:05	100

Client Sample Results

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-13548-1

Client Sample ID: Artesia-MW17C-10112021

Lab Sample ID: 860-13548-19

Date Collected: 10/11/21 15:40
Matrix: Water
Date Received: 10/13/21 09:53

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.0000433	U	0.000200	0.0000433	mg/L			10/16/21 07:44	1
Benzene	0.0000429	U	0.000200	0.0000429	mg/L			10/16/21 07:44	1
1,1-Dichloroethane	0.0000489	U	0.000200	0.0000489	mg/L			10/16/21 07:44	1
Tetrachloroethene	0.000100	U	0.000200	0.000100	mg/L			10/16/21 07:44	1
Naphthalene	0.000400	U	0.00200	0.000400	mg/L			10/16/21 07:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*74 - 124*		*10/16/21 07:44*	*1*
Dibromofluoromethane (Surr)	*114*		*75 - 131*		*10/16/21 07:44*	*1*
1,2-Dichloroethane-d4 (Surr)	*119*		*63 - 144*		*10/16/21 07:44*	*1*
Toluene-d8 (Surr)	*102*		*80 - 117*		*10/16/21 07:44*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**2390**		5.00	1.09	mg/L			10/15/21 23:37	10

Client Sample ID: Artesia-MW12-10112021

Lab Sample ID: 860-13548-20

Date Collected: 10/11/21 16:30
Matrix: Water
Date Received: 10/13/21 09:53

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	**0.00222**		0.00100	0.000216	mg/L			10/20/21 05:23	1
Benzene	**0.000877**	**J**	0.00100	0.000214	mg/L			10/20/21 05:23	1
1,1-Dichloroethane	**0.0408**		0.00100	0.000244	mg/L			10/20/21 05:23	1
Tetrachloroethene	0.000500	U	0.00100	0.000500	mg/L			10/20/21 05:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*74 - 124*		*10/20/21 05:23*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 131*		*10/20/21 05:23*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*63 - 144*		*10/20/21 05:23*	*1*
Toluene-d8 (Surr)	*104*		*80 - 117*		*10/20/21 05:23*	*1*

Method: 8260C - Volatile Organic Compounds by GC/MS - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	0.00200	U	0.0100	0.00200	mg/L			10/20/21 14:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*74 - 124*		*10/20/21 14:02*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 131*		*10/20/21 14:02*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*63 - 144*		*10/20/21 14:02*	*1*
Toluene-d8 (Surr)	*104*		*80 - 117*		*10/20/21 14:02*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**2280**		5.00	1.09	mg/L			10/15/21 23:47	10

Client Sample Results

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-13548-1

Client Sample ID: Artesia-MW-37-10112021

Lab Sample ID: 860-13548-21
Matrix: Water
Date Collected: 10/11/21 17:35
Date Received: 10/13/21 09:53

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	**0.00294**		0.00100	0.000216	mg/L			10/20/21 05:43	1
Benzene	**0.00405**		0.00100	0.000214	mg/L			10/20/21 05:43	1
1,1-Dichloroethane	**0.0213**		0.00100	0.000244	mg/L			10/20/21 05:43	1
Tetrachloroethene	**0.00155**		0.00100	0.000500	mg/L			10/20/21 05:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*74 - 124*		*10/20/21 05:43*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 131*		*10/20/21 05:43*	*1*
1,2-Dichloroethane-d4 (Surr)	*113*		*63 - 144*		*10/20/21 05:43*	*1*
Toluene-d8 (Surr)	*104*		*80 - 117*		*10/20/21 05:43*	*1*

Method: 8260C - Volatile Organic Compounds by GC/MS - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	**0.00227**	**J**	0.0100	0.00200	mg/L			10/20/21 13:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*74 - 124*		*10/20/21 13:00*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 131*		*10/20/21 13:00*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*63 - 144*		*10/20/21 13:00*	*1*
Toluene-d8 (Surr)	*106*		*80 - 117*		*10/20/21 13:00*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**2710**		50.0	10.9	mg/L			10/16/21 11:15	100

Client Sample ID: Artesia-TB02-10122021

Lab Sample ID: 860-13548-22
Matrix: Water
Date Collected: 10/12/21 08:00
Date Received: 10/13/21 09:53

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.0000433	U	0.000200	0.0000433	mg/L			10/16/21 01:35	1
Benzene	0.0000429	U	0.000200	0.0000429	mg/L			10/16/21 01:35	1
1,1-Dichloroethane	0.0000489	U	0.000200	0.0000489	mg/L			10/16/21 01:35	1
Tetrachloroethene	0.000100	U	0.000200	0.000100	mg/L			10/16/21 01:35	1
Naphthalene	0.000400	U	0.00200	0.000400	mg/L			10/16/21 01:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*74 - 124*		*10/16/21 01:35*	*1*
Dibromofluoromethane (Surr)	*110*		*75 - 131*		*10/16/21 01:35*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*63 - 144*		*10/16/21 01:35*	*1*
Toluene-d8 (Surr)	*100*		*80 - 117*		*10/16/21 01:35*	*1*

Client Sample ID: Artesia-MW36-10122021

Lab Sample ID: 860-13548-23
Matrix: Water
Date Collected: 10/12/21 10:25
Date Received: 10/13/21 09:53

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.000216	U	0.00100	0.000216	mg/L			10/19/21 11:07	1
Benzene	**0.00126**		0.00100	0.000214	mg/L			10/19/21 11:07	1
1,1-Dichloroethane	**0.0116**		0.00100	0.000244	mg/L			10/19/21 11:07	1

Client Sample Results

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-13548-1

Client Sample ID: Artesia-MW36-10122021
Lab Sample ID: 860-13548-23
Date Collected: 10/12/21 10:25
Matrix: Water
Date Received: 10/13/21 09:53

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**0.00602**		0.00100	0.000500	mg/L			10/19/21 11:07	1
Naphthalene	0.00200	U	0.0100	0.00200	mg/L			10/19/21 11:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*74 - 124*		*10/19/21 11:07*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 131*		*10/19/21 11:07*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*63 - 144*		*10/19/21 11:07*	*1*
Toluene-d8 (Surr)	*101*		*80 - 117*		*10/19/21 11:07*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**2180**		5.00	1.09	mg/L			10/16/21 00:39	10

Client Sample ID: Artesia-MW38-10122021
Lab Sample ID: 860-13548-24
Date Collected: 10/12/21 09:20
Matrix: Water
Date Received: 10/13/21 09:53

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	**0.00171**		0.00100	0.000216	mg/L			10/20/21 06:04	1
Benzene	**0.00101**		0.00100	0.000214	mg/L			10/20/21 06:04	1
1,1-Dichloroethane	**0.0708**		0.00100	0.000244	mg/L			10/20/21 06:04	1
Tetrachloroethene	**0.00365**		0.00100	0.000500	mg/L			10/20/21 06:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*74 - 124*		*10/20/21 06:04*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 131*		*10/20/21 06:04*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*63 - 144*		*10/20/21 06:04*	*1*
Toluene-d8 (Surr)	*105*		*80 - 117*		*10/20/21 06:04*	*1*

Method: 8260C - Volatile Organic Compounds by GC/MS - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	0.00200	U	0.0100	0.00200	mg/L			10/20/21 14:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*74 - 124*		*10/20/21 14:22*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 131*		*10/20/21 14:22*	*1*
1,2-Dichloroethane-d4 (Surr)	*113*		*63 - 144*		*10/20/21 14:22*	*1*
Toluene-d8 (Surr)	*105*		*80 - 117*		*10/20/21 14:22*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**2680**		50.0	10.9	mg/L			10/16/21 11:25	100

Default Detection Limits

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-13548-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	RL	MDL	Units
1,1-Dichloroethane	0.00100	0.000244	mg/L
1,1-Dichloroethene	0.00100	0.000216	mg/L
Benzene	0.00100	0.000214	mg/L
Naphthalene	0.0100	0.00200	mg/L
Tetrachloroethene	0.00100	0.000500	mg/L

Method: 300.0 - Anions, Ion Chromatography

Analyte	RL	MDL	Units
Sulfate	0.500	0.109	mg/L

Surrogate Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-13548-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	DCA	TOL
Lab Sample ID	Client Sample ID	(74-124)	(75-131)	(63-144)	(80-117)
860-13548-1	Artesia-TB01-10112021	103	121	130	99
860-13548-2	Artesia-Inlet-10112021	104	110	120	84
860-13548-2 MS	Artesia-Inlet-10112021	108	105	114	99
860-13548-3	Artesia-MID-10112021	106	121	135	100
860-13548-4	Artesia-Outlet-10112021	104	125	134	98
860-13548-5	Artesia-MW40-10112021	97	111	121	94
860-13548-6	Artesia-MD40-10112021	101	111	124	94
860-13548-7	Artesia-MW39-10112021	97	107	121	95
860-13548-8	Artesia-MW35-10112021	91	113	108	96
860-13548-9	Artesia-MW29-10112021	103	109	118	92
860-13548-10	Artesia-MW28-10112021	103	127	136	98
860-13548-11	Artesia-MW34-10112021	107	126	142	102
860-13548-12	Artesia-MW31-10112021	94	105	120	94
860-13548-13	Artesia-MW25-10112021	99	107	126	96
860-13548-14	Artesia-MW22-10112021	101	109	119	97
860-13548-15	Artesia-MW32-10112021	101	128	136	101
860-13548-16	Artesia-MW30-10112021	105	130	141	101
860-13548-17	Artesia-MW11-10112021	112	123	136	101
860-13548-18	Artesia-MD11-10112021	103	125	136	102
860-13548-19	Artesia-MW17C-10112021	104	114	119	102
860-13548-20	Artesia-MW12-10112021	104	102	112	104
860-13548-20 - RA	Artesia-MW12-10112021	104	102	112	104
860-13548-21	Artesia-MW-37-10112021	101	101	113	104
860-13548-21 - RA	Artesia-MW-37-10112021	105	100	112	106
860-13548-21 MS	Artesia-MW-37-10112021	102	103	106	100
860-13548-22	Artesia-TB02-10122021	106	110	106	100
860-13548-23	Artesia-MW36-10122021	90	96	101	101
860-13548-23 MS	Artesia-MW36-10122021	102	102	106	104
860-13548-23 MSD	Artesia-MW36-10122021	101	103	101	99
860-13548-24	Artesia-MW38-10122021	105	100	112	105
860-13548-24 - RA	Artesia-MW38-10122021	103	101	113	105
LCS 860-26856/3	Lab Control Sample	108	111	111	99
LCS 860-27074/3	Lab Control Sample	102	100	102	100
LCS 860-27209/3	Lab Control Sample	101	101	104	100
LCS 860-27279/3	Lab Control Sample	103	101	104	99
LCSD 860-26856/4	Lab Control Sample Dup	110	109	115	103
LCSD 860-27074/4	Lab Control Sample Dup	104	102	102	100
LCSD 860-27209/4	Lab Control Sample Dup	100	101	105	100
LCSD 860-27279/4	Lab Control Sample Dup	100	103	105	99
MB 860-26856/9	Method Blank	106	106	116	85
MB 860-27074/10	Method Blank	98	97	100	102
MB 860-27209/9	Method Blank	103	99	106	102
MB 860-27279/10	Method Blank	102	101	107	102

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

QC Sample Results

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-13548-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 860-26856/9
Matrix: Water
Analysis Batch: 26856

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.0000433	U	0.000200	0.0000433	mg/L			10/16/21 00:54	1
Benzene	0.0000429	U	0.000200	0.0000429	mg/L			10/16/21 00:54	1
1,1-Dichloroethane	0.0000489	U	0.000200	0.0000489	mg/L			10/16/21 00:54	1
Tetrachloroethene	0.000100	U	0.000200	0.000100	mg/L			10/16/21 00:54	1
Naphthalene	0.000400	U	0.00200	0.000400	mg/L			10/16/21 00:54	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*74 - 124*		*10/16/21 00:54*	*1*
Dibromofluoromethane (Surr)	*106*		*75 - 131*		*10/16/21 00:54*	*1*
1,2-Dichloroethane-d4 (Surr)	*116*		*63 - 144*		*10/16/21 00:54*	*1*
Toluene-d8 (Surr)	*85*		*80 - 117*		*10/16/21 00:54*	*1*

Lab Sample ID: LCS 860-26856/3
Matrix: Water
Analysis Batch: 26856

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,1-Dichloroethene			0.0500	0.05862		mg/L		117	59 - 172		
Benzene			0.0500	0.04952		mg/L		99	66 - 142		
1,1-Dichloroethane			0.0500	0.05691		mg/L		114	72 - 125		
Tetrachloroethene			0.0500	0.04036		mg/L		81	71 - 125		
Naphthalene			0.0500	0.04447		mg/L		89	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*108*		*74 - 124*
Dibromofluoromethane (Surr)	*111*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*111*		*63 - 144*
Toluene-d8 (Surr)	*99*		*80 - 117*

Lab Sample ID: LCSD 860-26856/4
Matrix: Water
Analysis Batch: 26856

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethene			0.0500	0.07044		mg/L		141	59 - 172	18	25
Benzene			0.0500	0.05228		mg/L		105	66 - 142	5	25
1,1-Dichloroethane			0.0500	0.05805		mg/L		116	72 - 125	2	25
Tetrachloroethene			0.0500	0.04403		mg/L		88	71 - 125	9	25
Naphthalene			0.0500	0.05722		mg/L		114	70 - 130	25	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*110*		*74 - 124*
Dibromofluoromethane (Surr)	*109*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*115*		*63 - 144*
Toluene-d8 (Surr)	*103*		*80 - 117*

QC Sample Results

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-13548-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-13548-2 MS
Matrix: Water
Analysis Batch: 26856

Client Sample ID: Artesia-Inlet-10112021
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	0.00244		0.500	0.8288		mg/L		165	59 - 172
Benzene	0.0000429	U	0.500	0.5129		mg/L		103	66 - 142
1,1-Dichloroethane	0.000407		0.500	0.5861		mg/L		117	72 - 125
Tetrachloroethene	0.00103		0.500	0.4853		mg/L		97	71 - 125
Naphthalene	0.000400	U	0.500	0.5016		mg/L		100	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*108*		*74 - 124*
Dibromofluoromethane (Surr)	*105*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*114*		*63 - 144*
Toluene-d8 (Surr)	*99*		*80 - 117*

Lab Sample ID: MB 860-27074/10
Matrix: Water
Analysis Batch: 27074

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.000216	U	0.00100	0.000216	mg/L			10/19/21 10:05	1
Benzene	0.000214	U	0.00100	0.000214	mg/L			10/19/21 10:05	1
1,1-Dichloroethane	0.000244	U	0.00100	0.000244	mg/L			10/19/21 10:05	1
Tetrachloroethene	0.000500	U	0.00100	0.000500	mg/L			10/19/21 10:05	1
Naphthalene	0.00200	U	0.0100	0.00200	mg/L			10/19/21 10:05	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*74 - 124*		*10/19/21 10:05*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 131*		*10/19/21 10:05*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*63 - 144*		*10/19/21 10:05*	*1*
Toluene-d8 (Surr)	*102*		*80 - 117*		*10/19/21 10:05*	*1*

Lab Sample ID: LCS 860-27074/3
Matrix: Water
Analysis Batch: 27074

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene			0.0500	0.04995		mg/L		100	59 - 172
Benzene			0.0500	0.05452		mg/L		109	66 - 142
1,1-Dichloroethane			0.0500	0.05251		mg/L		105	72 - 125
Tetrachloroethene			0.0500	0.05170		mg/L		103	71 - 125
Naphthalene			0.0500	0.04728		mg/L		95	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*74 - 124*
Dibromofluoromethane (Surr)	*100*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*102*		*63 - 144*
Toluene-d8 (Surr)	*100*		*80 - 117*

QC Sample Results

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-13548-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-27074/4
Matrix: Water
Analysis Batch: 27074

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethene			0.0500	0.04898		mg/L		98	59 - 172	2	25
Benzene			0.0500	0.05114		mg/L		102	66 - 142	6	25
1,1-Dichloroethane			0.0500	0.05430		mg/L		109	72 - 125	3	25
Tetrachloroethene			0.0500	0.05013		mg/L		100	71 - 125	3	25
Naphthalene			0.0500	0.04934		mg/L		99	70 - 130	4	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*74 - 124*
Dibromofluoromethane (Surr)	*102*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*102*		*63 - 144*
Toluene-d8 (Surr)	*100*		*80 - 117*

Lab Sample ID: 860-13548-23 MS
Matrix: Water
Analysis Batch: 27074

Client Sample ID: Artesia-MW36-10122021
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,1-Dichloroethene	0.000216	U	0.0500	0.05898		mg/L		118	59 - 172		
Benzene	0.00126		0.0500	0.06140		mg/L		120	66 - 142		
1,1-Dichloroethane	0.0116		0.0500	0.07115		mg/L		119	72 - 125		
Tetrachloroethene	0.00602		0.0500	0.06651		mg/L		121	71 - 125		
Naphthalene	0.00200	U	0.0500	0.06111		mg/L		122	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*74 - 124*
Dibromofluoromethane (Surr)	*102*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*106*		*63 - 144*
Toluene-d8 (Surr)	*104*		*80 - 117*

Lab Sample ID: 860-13548-23 MSD
Matrix: Water
Analysis Batch: 27074

Client Sample ID: Artesia-MW36-10122021
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethene	0.000216	U	0.0500	0.05565		mg/L		111	59 - 172	6	25
Benzene	0.00126		0.0500	0.05663		mg/L		111	66 - 142	8	25
1,1-Dichloroethane	0.0116		0.0500	0.07001		mg/L		117	72 - 125	2	25
Tetrachloroethene	0.00602		0.0500	0.05835		mg/L		105	71 - 125	13	25
Naphthalene	0.00200	U	0.0500	0.05112		mg/L		102	70 - 130	18	25

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*74 - 124*
Dibromofluoromethane (Surr)	*103*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*101*		*63 - 144*
Toluene-d8 (Surr)	*99*		*80 - 117*

QC Sample Results

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-13548-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-27209/9
Matrix: Water
Analysis Batch: 27209

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.000216	U	0.00100	0.000216	mg/L			10/20/21 00:35	1
Benzene	0.000214	U	0.00100	0.000214	mg/L			10/20/21 00:35	1
1,1-Dichloroethane	0.000244	U	0.00100	0.000244	mg/L			10/20/21 00:35	1
Tetrachloroethene	0.000500	U	0.00100	0.000500	mg/L			10/20/21 00:35	1
Naphthalene	0.00200	U	0.0100	0.00200	mg/L			10/20/21 00:35	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*74 - 124*		*10/20/21 00:35*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 131*		*10/20/21 00:35*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*63 - 144*		*10/20/21 00:35*	*1*
Toluene-d8 (Surr)	*102*		*80 - 117*		*10/20/21 00:35*	*1*

Lab Sample ID: LCS 860-27209/3
Matrix: Water
Analysis Batch: 27209

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,1-Dichloroethene			0.0500	0.05160		mg/L		103	59 - 172		
Benzene			0.0500	0.05131		mg/L		103	66 - 142		
1,1-Dichloroethane			0.0500	0.05297		mg/L		106	72 - 125		
Tetrachloroethene			0.0500	0.05192		mg/L		104	71 - 125		
Naphthalene			0.0500	0.05494		mg/L		110	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*74 - 124*
Dibromofluoromethane (Surr)	*101*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*104*		*63 - 144*
Toluene-d8 (Surr)	*100*		*80 - 117*

Lab Sample ID: LCSD 860-27209/4
Matrix: Water
Analysis Batch: 27209

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethene			0.0500	0.04779		mg/L		96	59 - 172	8	25
Benzene			0.0500	0.04985		mg/L		100	66 - 142	3	25
1,1-Dichloroethane			0.0500	0.05070		mg/L		101	72 - 125	4	25
Tetrachloroethene			0.0500	0.04967		mg/L		99	71 - 125	4	25
Naphthalene			0.0500	0.05806		mg/L		116	70 - 130	6	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*74 - 124*
Dibromofluoromethane (Surr)	*101*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*105*		*63 - 144*
Toluene-d8 (Surr)	*100*		*80 - 117*

QC Sample Results

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-13548-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-27279/10
Matrix: Water
Analysis Batch: 27279

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.000216	U	0.00100	0.000216	mg/L			10/20/21 12:19	1
Benzene	0.000214	U	0.00100	0.000214	mg/L			10/20/21 12:19	1
1,1-Dichloroethane	0.000244	U	0.00100	0.000244	mg/L			10/20/21 12:19	1
Tetrachloroethene	0.000500	U	0.00100	0.000500	mg/L			10/20/21 12:19	1
Naphthalene	0.00200	U	0.0100	0.00200	mg/L			10/20/21 12:19	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*74 - 124*		*10/20/21 12:19*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 131*		*10/20/21 12:19*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*63 - 144*		*10/20/21 12:19*	*1*
Toluene-d8 (Surr)	*102*		*80 - 117*		*10/20/21 12:19*	*1*

Lab Sample ID: LCS 860-27279/3
Matrix: Water
Analysis Batch: 27279

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,1-Dichloroethene			0.0500	0.05405		mg/L		108	59 - 172		
Benzene			0.0500	0.05281		mg/L		106	66 - 142		
1,1-Dichloroethane			0.0500	0.05512		mg/L		110	72 - 125		
Tetrachloroethene			0.0500	0.05362		mg/L		107	71 - 125		
Naphthalene			0.0500	0.04273		mg/L		85	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*74 - 124*
Dibromofluoromethane (Surr)	*101*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*104*		*63 - 144*
Toluene-d8 (Surr)	*99*		*80 - 117*

Lab Sample ID: LCSD 860-27279/4
Matrix: Water
Analysis Batch: 27279

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethene			0.0500	0.05423		mg/L		108	59 - 172	0	25
Benzene			0.0500	0.05207		mg/L		104	66 - 142	1	25
1,1-Dichloroethane			0.0500	0.05480		mg/L		110	72 - 125	1	25
Tetrachloroethene			0.0500	0.05285		mg/L		106	71 - 125	1	25
Naphthalene			0.0500	0.05362		mg/L		107	70 - 130	23	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*74 - 124*
Dibromofluoromethane (Surr)	*103*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*105*		*63 - 144*
Toluene-d8 (Surr)	*99*		*80 - 117*

QC Sample Results

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-13548-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-13548-21 MS
Matrix: Water
Analysis Batch: 27279

Client Sample ID: Artesia-MW-37-10112021
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	0.00295		0.0500	0.06798		mg/L		130	59 - 172
Benzene	0.00372		0.0500	0.06577		mg/L		124	66 - 142
1,1-Dichloroethane	0.0194	F1	0.0500	0.09058	F1	mg/L		142	72 - 125
Tetrachloroethene	0.00143	F1	0.0500	0.06552	F1	mg/L		128	71 - 125
Naphthalene	0.00227	J	0.0500	0.06061		mg/L		117	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*74 - 124*
Dibromofluoromethane (Surr)	*103*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*106*		*63 - 144*
Toluene-d8 (Surr)	*100*		*80 - 117*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-26861/3
Matrix: Water
Analysis Batch: 26861

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	0.109	U	0.500	0.109	mg/L			10/15/21 21:01	1

Lab Sample ID: MB 860-26861/38
Matrix: Water
Analysis Batch: 26861

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	0.109	U	0.500	0.109	mg/L			10/16/21 03:04	1

Lab Sample ID: LCS 860-26861/39
Matrix: Water
Analysis Batch: 26861

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfate	10.0	9.815		mg/L		98	90 - 110

Lab Sample ID: LCS 860-26861/4
Matrix: Water
Analysis Batch: 26861

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfate	10.0	9.694		mg/L		97	90 - 110

Lab Sample ID: LCSD 860-26861/40
Matrix: Water
Analysis Batch: 26861

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfate	10.0	9.768		mg/L		98	90 - 110	0	20

QC Sample Results

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-13548-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 860-26861/5
Matrix: Water
Analysis Batch: 26861

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfate			10.0	9.783		mg/L		98	90 - 110	1	20

Lab Sample ID: MB 860-27096/55
Matrix: Water
Analysis Batch: 27096

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	0.109	U	0.500	0.109	mg/L			10/19/21 20:54	1

Lab Sample ID: LCS 860-27096/56
Matrix: Water
Analysis Batch: 27096

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Sulfate			10.0	10.13		mg/L		101	90 - 110		

Lab Sample ID: LCSD 860-27096/57
Matrix: Water
Analysis Batch: 27096

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfate			10.0	10.21		mg/L		102	90 - 110	1	20

Lab Sample ID: MB 860-27602/3
Matrix: Water
Analysis Batch: 27602

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	0.1252	J	0.500	0.109	mg/L			10/21/21 17:19	1

Lab Sample ID: LCS 860-27602/4
Matrix: Water
Analysis Batch: 27602

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Sulfate			10.0	9.597		mg/L		96	90 - 110		

Lab Sample ID: LCSD 860-27602/5
Matrix: Water
Analysis Batch: 27602

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfate			10.0	9.655		mg/L		97	90 - 110	1	20

Lab Sample ID: 860-13548-23 MS
Matrix: Water
Analysis Batch: 27602

Client Sample ID: Artesia-MW36-10122021
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Sulfate	2130	B	100	2234	4	mg/L		99	90 - 110		

QC Sample Results

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-13548-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 860-13548-23 MSD
Matrix: Water
Analysis Batch: 27602

Client Sample ID: Artesia-MW36-10122021
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfate	2130	B	100	2229	4	mg/L		94	90 - 110	0	20

QC Association Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-13548-1

GC/MS VOA

Analysis Batch: 26856

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-13548-1	Artesia-TB01-10112021	Total/NA	Water	8260C	
860-13548-2	Artesia-Inlet-10112021	Total/NA	Water	8260C	
860-13548-3	Artesia-MID-10112021	Total/NA	Water	8260C	
860-13548-4	Artesia-Outlet-10112021	Total/NA	Water	8260C	
860-13548-5	Artesia-MW40-10112021	Total/NA	Water	8260C	
860-13548-6	Artesia-MD40-10112021	Total/NA	Water	8260C	
860-13548-7	Artesia-MW39-10112021	Total/NA	Water	8260C	
860-13548-8	Artesia-MW35-10112021	Total/NA	Water	8260C	
860-13548-9	Artesia-MW29-10112021	Total/NA	Water	8260C	
860-13548-10	Artesia-MW28-10112021	Total/NA	Water	8260C	
860-13548-11	Artesia-MW34-10112021	Total/NA	Water	8260C	
860-13548-12	Artesia-MW31-10112021	Total/NA	Water	8260C	
860-13548-13	Artesia-MW25-10112021	Total/NA	Water	8260C	
860-13548-14	Artesia-MW22-10112021	Total/NA	Water	8260C	
860-13548-15	Artesia-MW32-10112021	Total/NA	Water	8260C	
860-13548-16	Artesia-MW30-10112021	Total/NA	Water	8260C	
860-13548-17	Artesia-MW11-10112021	Total/NA	Water	8260C	
860-13548-18	Artesia-MD11-10112021	Total/NA	Water	8260C	
860-13548-19	Artesia-MW17C-10112021	Total/NA	Water	8260C	
860-13548-22	Artesia-TB02-10122021	Total/NA	Water	8260C	
MB 860-26856/9	Method Blank	Total/NA	Water	8260C	
LCS 860-26856/3	Lab Control Sample	Total/NA	Water	8260C	
LCSD 860-26856/4	Lab Control Sample Dup	Total/NA	Water	8260C	
860-13548-2 MS	Artesia-Inlet-10112021	Total/NA	Water	8260C	

Analysis Batch: 27074

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-13548-23	Artesia-MW36-10122021	Total/NA	Water	8260C	
MB 860-27074/10	Method Blank	Total/NA	Water	8260C	
LCS 860-27074/3	Lab Control Sample	Total/NA	Water	8260C	
LCSD 860-27074/4	Lab Control Sample Dup	Total/NA	Water	8260C	
860-13548-23 MS	Artesia-MW36-10122021	Total/NA	Water	8260C	
860-13548-23 MSD	Artesia-MW36-10122021	Total/NA	Water	8260C	

Analysis Batch: 27209

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-13548-20	Artesia-MW12-10112021	Total/NA	Water	8260C	
860-13548-21	Artesia-MW-37-10112021	Total/NA	Water	8260C	
860-13548-24	Artesia-MW38-10122021	Total/NA	Water	8260C	
MB 860-27209/9	Method Blank	Total/NA	Water	8260C	
LCS 860-27209/3	Lab Control Sample	Total/NA	Water	8260C	
LCSD 860-27209/4	Lab Control Sample Dup	Total/NA	Water	8260C	

Analysis Batch: 27279

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-13548-20 - RA	Artesia-MW12-10112021	Total/NA	Water	8260C	
860-13548-21 - RA	Artesia-MW-37-10112021	Total/NA	Water	8260C	
860-13548-24 - RA	Artesia-MW38-10122021	Total/NA	Water	8260C	
MB 860-27279/10	Method Blank	Total/NA	Water	8260C	
LCS 860-27279/3	Lab Control Sample	Total/NA	Water	8260C	
LCSD 860-27279/4	Lab Control Sample Dup	Total/NA	Water	8260C	

QC Association Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-13548-1

GC/MS VOA (Continued)

Analysis Batch: 27279 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-13548-21 MS	Artesia-MW-37-10112021	Total/NA	Water	8260C	

HPLC/IC

Analysis Batch: 26861

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-13548-17	Artesia-MW11-10112021	Total/NA	Water	300.0	
860-13548-18	Artesia-MD11-10112021	Total/NA	Water	300.0	
860-13548-19	Artesia-MW17C-10112021	Total/NA	Water	300.0	
860-13548-20	Artesia-MW12-10112021	Total/NA	Water	300.0	
860-13548-21	Artesia-MW-37-10112021	Total/NA	Water	300.0	
860-13548-23	Artesia-MW36-10122021	Total/NA	Water	300.0	
860-13548-24	Artesia-MW38-10122021	Total/NA	Water	300.0	
MB 860-26861/3	Method Blank	Total/NA	Water	300.0	
MB 860-26861/38	Method Blank	Total/NA	Water	300.0	
LCS 860-26861/39	Lab Control Sample	Total/NA	Water	300.0	
LCS 860-26861/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-26861/40	Lab Control Sample Dup	Total/NA	Water	300.0	
LCSD 860-26861/5	Lab Control Sample Dup	Total/NA	Water	300.0	

Analysis Batch: 27096

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-27096/55	Method Blank	Total/NA	Water	300.0	
LCS 860-27096/56	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-27096/57	Lab Control Sample Dup	Total/NA	Water	300.0	

Analysis Batch: 27602

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-27602/3	Method Blank	Total/NA	Water	300.0	
LCS 860-27602/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-27602/5	Lab Control Sample Dup	Total/NA	Water	300.0	
860-13548-23 MS	Artesia-MW36-10122021	Total/NA	Water	300.0	
860-13548-23 MSD	Artesia-MW36-10122021	Total/NA	Water	300.0	

Lab Chronicle

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-13548-1

Client Sample ID: Artesia-TB01-10112021
Lab Sample ID: 860-13548-1
Date Collected: 10/11/21 12:00
Matrix: Water
Date Received: 10/13/21 09:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	26856	10/16/21 01:14	T1S	XEN STF

Client Sample ID: Artesia-Inlet-10112021
Lab Sample ID: 860-13548-2
Date Collected: 10/11/21 12:15
Matrix: Water
Date Received: 10/13/21 09:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	26856	10/16/21 01:55	T1S	XEN STF

Client Sample ID: Artesia-MID-10112021
Lab Sample ID: 860-13548-3
Date Collected: 10/11/21 12:20
Matrix: Water
Date Received: 10/13/21 09:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	26856	10/16/21 02:16	T1S	XEN STF

Client Sample ID: Artesia-Outlet-10112021
Lab Sample ID: 860-13548-4
Date Collected: 10/11/21 12:25
Matrix: Water
Date Received: 10/13/21 09:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	26856	10/16/21 02:36	T1S	XEN STF

Client Sample ID: Artesia-MW40-10112021
Lab Sample ID: 860-13548-5
Date Collected: 10/11/21 14:45
Matrix: Water
Date Received: 10/13/21 09:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	26856	10/16/21 02:57	T1S	XEN STF

Client Sample ID: Artesia-MD40-10112021
Lab Sample ID: 860-13548-6
Date Collected: 10/11/21 14:50
Matrix: Water
Date Received: 10/13/21 09:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	26856	10/16/21 03:17	T1S	XEN STF

Client Sample ID: Artesia-MW39-10112021
Lab Sample ID: 860-13548-7
Date Collected: 10/11/21 15:05
Matrix: Water
Date Received: 10/13/21 09:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	26856	10/16/21 03:38	T1S	XEN STF

Lab Chronicle

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-13548-1

Client Sample ID: Artesia-MW35-10112021
Lab Sample ID: 860-13548-8
Date Collected: 10/11/21 15:20
Matrix: Water
Date Received: 10/13/21 09:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	26856	10/16/21 03:58	T1S	XEN STF

Client Sample ID: Artesia-MW29-10112021
Lab Sample ID: 860-13548-9
Date Collected: 10/11/21 15:35
Matrix: Water
Date Received: 10/13/21 09:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	26856	10/16/21 04:19	T1S	XEN STF

Client Sample ID: Artesia-MW28-10112021
Lab Sample ID: 860-13548-10
Date Collected: 10/11/21 15:55
Matrix: Water
Date Received: 10/13/21 09:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	26856	10/16/21 04:39	T1S	XEN STF

Client Sample ID: Artesia-MW34-10112021
Lab Sample ID: 860-13548-11
Date Collected: 10/11/21 16:10
Matrix: Water
Date Received: 10/13/21 09:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	26856	10/16/21 05:00	T1S	XEN STF

Client Sample ID: Artesia-MW31-10112021
Lab Sample ID: 860-13548-12
Date Collected: 10/11/21 16:25
Matrix: Water
Date Received: 10/13/21 09:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	26856	10/16/21 05:20	T1S	XEN STF

Client Sample ID: Artesia-MW25-10112021
Lab Sample ID: 860-13548-13
Date Collected: 10/11/21 16:55
Matrix: Water
Date Received: 10/13/21 09:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	26856	10/16/21 05:41	T1S	XEN STF

Client Sample ID: Artesia-MW22-10112021
Lab Sample ID: 860-13548-14
Date Collected: 10/11/21 17:05
Matrix: Water
Date Received: 10/13/21 09:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	26856	10/16/21 06:01	T1S	XEN STF

Lab Chronicle

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-13548-1

Client Sample ID: Artesia-MW32-10112021
Lab Sample ID: 860-13548-15
Date Collected: 10/11/21 17:25
Matrix: Water
Date Received: 10/13/21 09:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	26856	10/16/21 06:22	T1S	XEN STF

Client Sample ID: Artesia-MW30-10112021
Lab Sample ID: 860-13548-16
Date Collected: 10/11/21 17:35
Matrix: Water
Date Received: 10/13/21 09:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	26856	10/16/21 06:42	T1S	XEN STF

Client Sample ID: Artesia-MW11-10112021
Lab Sample ID: 860-13548-17
Date Collected: 10/11/21 14:45
Matrix: Water
Date Received: 10/13/21 09:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	26856	10/16/21 07:03	T1S	XEN STF
Total/NA	Analysis	300.0		100	26861	10/16/21 10:54	WP	XEN STF

Client Sample ID: Artesia-MD11-10112021
Lab Sample ID: 860-13548-18
Date Collected: 10/11/21 14:50
Matrix: Water
Date Received: 10/13/21 09:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	26856	10/16/21 07:23	T1S	XEN STF
Total/NA	Analysis	300.0		100	26861	10/16/21 11:05	WP	XEN STF

Client Sample ID: Artesia-MW17C-10112021
Lab Sample ID: 860-13548-19
Date Collected: 10/11/21 15:40
Matrix: Water
Date Received: 10/13/21 09:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	26856	10/16/21 07:44	T1S	XEN STF
Total/NA	Analysis	300.0		10	26861	10/15/21 23:37	WP	XEN STF

Client Sample ID: Artesia-MW12-10112021
Lab Sample ID: 860-13548-20
Date Collected: 10/11/21 16:30
Matrix: Water
Date Received: 10/13/21 09:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	27209	10/20/21 05:23	A1S	XEN STF
Total/NA	Analysis	8260C	RA	1	27279	10/20/21 14:02	NA	XEN STF
Total/NA	Analysis	300.0		10	26861	10/15/21 23:47	WP	XEN STF

Lab Chronicle

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-13548-1

Client Sample ID: Artesia-MW-37-10112021
Lab Sample ID: 860-13548-21
Date Collected: 10/11/21 17:35
Matrix: Water
Date Received: 10/13/21 09:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	27209	10/20/21 05:43	A1S	XEN STF
Total/NA	Analysis	8260C	RA	1	27279	10/20/21 13:00	NA	XEN STF
Total/NA	Analysis	300.0		100	26861	10/16/21 11:15	WP	XEN STF

Client Sample ID: Artesia-TB02-10122021
Lab Sample ID: 860-13548-22
Date Collected: 10/12/21 08:00
Matrix: Water
Date Received: 10/13/21 09:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	26856	10/16/21 01:35	T1S	XEN STF

Client Sample ID: Artesia-MW36-10122021
Lab Sample ID: 860-13548-23
Date Collected: 10/12/21 10:25
Matrix: Water
Date Received: 10/13/21 09:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	27074	10/19/21 11:07	TTD	XEN STF
Total/NA	Analysis	300.0		10	26861	10/16/21 00:39	WP	XEN STF

Client Sample ID: Artesia-MW38-10122021
Lab Sample ID: 860-13548-24
Date Collected: 10/12/21 09:20
Matrix: Water
Date Received: 10/13/21 09:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	27209	10/20/21 06:04	A1S	XEN STF
Total/NA	Analysis	8260C	RA	1	27279	10/20/21 14:22	NA	XEN STF
Total/NA	Analysis	300.0		100	26861	10/16/21 11:25	WP	XEN STF

Laboratory References:
XEN STF = Eurofins Xenco, Stafford, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Accreditation/Certification Summary

Client: Jacobs Engineering Group, Inc.
Job ID: 860-13548-1
Project/Site: Dowell - Artesia

Laboratory: Eurofins Xenco, Stafford

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	21-038-0	08-04-22
Florida	NELAP	E871002	06-30-22
Louisiana	NELAP	03054	06-30-22
Oklahoma	State	1306	08-31-22
Texas	NELAP	T104704215-21-44	06-30-22
Texas	TCEQ Water Supply	T104704215	12-31-21
USDA	US Federal Programs	P330-19-00137	04-24-22

Method Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-13548-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	XEN STF
300.0	Anions, Ion Chromatography	MCAWW	XEN STF
5030C	Purge and Trap	SW846	XEN STF

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

XEN STF = Eurofins Xenco, Stafford, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Sample Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-13548-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
860-13548-1	Artesia-TB01-10112021	Water	10/11/21 12:00	10/13/21 09:53
860-13548-2	Artesia-Inlet-10112021	Water	10/11/21 12:15	10/13/21 09:53
860-13548-3	Artesia-MID-10112021	Water	10/11/21 12:20	10/13/21 09:53
860-13548-4	Artesia-Outlet-10112021	Water	10/11/21 12:25	10/13/21 09:53
860-13548-5	Artesia-MW40-10112021	Water	10/11/21 14:45	10/13/21 09:53
860-13548-6	Artesia-MD40-10112021	Water	10/11/21 14:50	10/13/21 09:53
860-13548-7	Artesia-MW39-10112021	Water	10/11/21 15:05	10/13/21 09:53
860-13548-8	Artesia-MW35-10112021	Water	10/11/21 15:20	10/13/21 09:53
860-13548-9	Artesia-MW29-10112021	Water	10/11/21 15:35	10/13/21 09:53
860-13548-10	Artesia-MW28-10112021	Water	10/11/21 15:55	10/13/21 09:53
860-13548-11	Artesia-MW34-10112021	Water	10/11/21 16:10	10/13/21 09:53
860-13548-12	Artesia-MW31-10112021	Water	10/11/21 16:25	10/13/21 09:53
860-13548-13	Artesia-MW25-10112021	Water	10/11/21 16:55	10/13/21 09:53
860-13548-14	Artesia-MW22-10112021	Water	10/11/21 17:05	10/13/21 09:53
860-13548-15	Artesia-MW32-10112021	Water	10/11/21 17:25	10/13/21 09:53
860-13548-16	Artesia-MW30-10112021	Water	10/11/21 17:35	10/13/21 09:53
860-13548-17	Artesia-MW11-10112021	Water	10/11/21 14:45	10/13/21 09:53
860-13548-18	Artesia-MD11-10112021	Water	10/11/21 14:50	10/13/21 09:53
860-13548-19	Artesia-MW17C-10112021	Water	10/11/21 15:40	10/13/21 09:53
860-13548-20	Artesia-MW12-10112021	Water	10/11/21 16:30	10/13/21 09:53
860-13548-21	Artesia-MW-37-10112021	Water	10/11/21 17:35	10/13/21 09:53
860-13548-22	Artesia-TB02-10122021	Water	10/12/21 08:00	10/13/21 09:53
860-13548-23	Artesia-MW36-10122021	Water	10/12/21 10:25	10/13/21 09:53
860-13548-24	Artesia-MW38-10122021	Water	10/12/21 09:20	10/13/21 09:53

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Instrument ID: A292 Analysis Batch Number: 26911

Lab Sample ID: IC 860-26911/2 Client Sample ID:

Date Analyzed: 10/19/21 08:52 Lab File ID: E10192103.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Dichlorodifluoromethane	1.07	Peak assignment corrected	alvesn	10/19/21 10:10
Vinyl chloride	1.26	Peak assignment corrected	alvesn	10/19/21 10:11
Ethylene oxide	1.48	Peak assignment corrected	alvesn	10/19/21 10:11
Carbon disulfide	2.31	Peak assignment corrected	alvesn	10/19/21 10:11
Acetonitrile	2.41	Peak assignment corrected	alvesn	10/19/21 10:33
Methyl acetate	2.46	Peak assignment corrected	alvesn	10/19/21 10:11
Bromochloromethane	3.65	Peak assignment corrected	alvesn	10/19/21 10:32
1,1,1-Trichloroethane	3.84	Peak assignment corrected	alvesn	10/19/21 10:32
1,2-Dibromoethane	6.08	Peak assignment corrected	alvesn	10/19/21 10:12
1-Chlorohexane	6.41	Peak assignment corrected	alvesn	10/19/21 10:12
Chlorobenzene	6.43	Peak assignment corrected	alvesn	10/19/21 10:12
1,1,2,2-Tetrachloroethane	7.36	Peak assignment corrected	alvesn	10/19/21 10:12
trans-1,4-Dichloro-2-butene	7.41	Peak assignment corrected	alvesn	10/19/21 10:12
2-Chlorotoluene	7.51	Peak assignment corrected	alvesn	10/19/21 10:13
1,2-Dibromo-3-Chloropropane	8.99	Peak assignment corrected	alvesn	10/19/21 10:13
Naphthalene	9.79	Peak assignment corrected	alvesn	10/19/21 10:13
1,2,3-Trichlorobenzene	9.97	Peak assignment corrected	alvesn	10/19/21 10:13

Lab Sample ID: IC 860-26911/3 Client Sample ID:

Date Analyzed: 10/19/21 09:12 Lab File ID: E10192104.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetonitrile	2.41	Peak assignment corrected	alvesn	10/19/21 10:33
Bromochloromethane	3.65	Peak assignment corrected	alvesn	10/19/21 10:32
1,1,1-Trichloroethane	3.84	Peak assignment corrected	alvesn	10/19/21 10:32
Cyclohexane	3.87	Peak assignment corrected	alvesn	10/19/21 10:15

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Instrument ID: A292 Analysis Batch Number: 26911

Lab Sample ID: IC 860-26911/4 Client Sample ID:

Date Analyzed: 10/19/21 09:33 Lab File ID: E10192105.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetonitrile	2.41	Peak assignment corrected	alvesn	10/19/21 10:33
Bromochloromethane	3.65	Peak assignment corrected	alvesn	10/19/21 10:35
1,1,1-Trichloroethane	3.84	Peak assignment corrected	alvesn	10/19/21 10:35
Cyclohexane	3.88	Peak assignment corrected	alvesn	10/19/21 10:16

Lab Sample ID: IC 860-26911/5 Client Sample ID:

Date Analyzed: 10/19/21 09:53 Lab File ID: E10192106.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetonitrile	2.41	Peak assignment corrected	alvesn	10/19/21 10:34
Bromochloromethane	3.65	Peak assignment corrected	alvesn	10/19/21 10:34
1,1,1-Trichloroethane	3.84	Peak assignment corrected	alvesn	10/19/21 10:34

Lab Sample ID: ICIS 860-26911/6 Client Sample ID:

Date Analyzed: 10/19/21 10:14 Lab File ID: E10192107.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetonitrile	2.41	Peak assignment corrected	alvesn	10/19/21 10:34
Bromochloromethane	3.65	Peak assignment corrected	alvesn	10/19/21 10:30
1,1,1-Trichloroethane	3.84	Peak assignment corrected	alvesn	10/19/21 10:30

Lab Sample ID: IC 860-26911/7 Client Sample ID:

Date Analyzed: 10/19/21 10:35 Lab File ID: E10192108.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetonitrile	2.42	Peak assignment corrected	alvesn	10/19/21 10:50
Pentafluorobenzene	3.86	Peak assignment corrected	alvesn	10/19/21 10:50

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Instrument ID: A292 Analysis Batch Number: 26911

Lab Sample ID: IC 860-26911/8 Client Sample ID:

Date Analyzed: 10/19/21 10:55 Lab File ID: E10192109.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetonitrile	2.42	Peak assignment corrected	alvesn	10/19/21 11:12
Pentafluorobenzene	3.86	Peak assignment corrected	alvesn	10/19/21 11:11
1,4-Dichlorobenzene-d4	8.11	Peak assignment corrected	alvesn	10/19/21 11:11

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Instrument ID: A292 Analysis Batch Number: 27209

Lab Sample ID: CCVIS 860-27209/2 Client Sample ID:

Date Analyzed: 10/19/21 22:12 Lab File ID: E10192142.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetonitrile	2.41	Peak assignment corrected	suporna	10/20/21 11:25
1,1,1-Trichloroethane	3.84	Peak assignment corrected	suporna	10/20/21 11:40

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Instrument ID: A292 Analysis Batch Number: 27279

Lab Sample ID: CCVIS 860-27279/2 Client Sample ID:

Date Analyzed: 10/20/21 09:02 Lab File ID: E10202103.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetonitrile	2.41	Peak assignment corrected	alvesn	10/20/21 09:19
Bromochloromethane	3.65	Peak assignment corrected	alvesn	10/20/21 09:19
1,1,1-Trichloroethane	3.84	Peak assignment corrected	alvesn	10/20/21 09:19

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Instrument ID: A292 Analysis Batch Number: 27360

Lab Sample ID: IC 860-27360/2 Client Sample ID:

Date Analyzed: 10/19/21 08:52 Lab File ID: E10192103.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Dichlorodifluoromethane	1.07	Peak assignment corrected	alvesn	10/20/21 13:21
Vinyl chloride	1.26	Peak assignment corrected	alvesn	10/20/21 13:21
Ethylene oxide	1.48	Peak assignment corrected	alvesn	10/20/21 13:21
Carbon disulfide	2.31	Peak assignment corrected	alvesn	10/20/21 13:22
Isopropyl alcohol	2.32	Peak assignment corrected	velak	10/22/21 12:24
Bromochloromethane	3.65	Peak assignment corrected	alvesn	10/20/21 13:23
1,1,1-Trichloroethane	3.84	Peak assignment corrected	alvesn	10/20/21 13:23
Isobutanol	4.06	Peak assignment corrected	alvesn	10/20/21 13:23
1,2-Dibromoethane	6.08	Peak assignment corrected	alvesn	10/20/21 13:24
1-Chlorohexane	6.41	Peak assignment corrected	alvesn	10/20/21 13:24
Chlorobenzene	6.43	Peak assignment corrected	alvesn	10/20/21 13:24
1,1,2,2-Tetrachloroethane	7.36	Peak assignment corrected	alvesn	10/20/21 13:25
trans-1,4-Dichloro-2-butene	7.41	Peak assignment corrected	alvesn	10/20/21 13:25
2-Chlorotoluene	7.51	Peak assignment corrected	alvesn	10/20/21 13:25
1,2-Dibromo-3-Chloropropane	8.99	Peak assignment corrected	alvesn	10/20/21 13:26
Naphthalene	9.79	Peak assignment corrected	alvesn	10/20/21 13:26
1,2,3-Trichlorobenzene	9.97	Peak assignment corrected	alvesn	10/20/21 13:26
Acetonitrile		Invalid Compound ID	alvesn	10/20/21 13:22

Lab Sample ID: IC 860-27360/3 Client Sample ID:

Date Analyzed: 10/19/21 09:12 Lab File ID: E10192104X.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Isopropyl alcohol	2.32	Peak assignment corrected	velak	10/22/21 12:24
Acetonitrile	2.41	Peak assignment corrected	alvesn	10/20/21 13:27
Bromochloromethane	3.65	Peak assignment corrected	alvesn	10/20/21 13:27
1,1,1-Trichloroethane	3.84	Peak assignment corrected	alvesn	10/20/21 13:28
Cyclohexane	3.87	Peak assignment corrected	alvesn	10/20/21 13:28

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Instrument ID: A292 Analysis Batch Number: 27360

Lab Sample ID: IC 860-27360/4 Client Sample ID:

Date Analyzed: 10/19/21 09:33 Lab File ID: E10192105X.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Isopropyl alcohol	2.32	Peak assignment corrected	velak	10/22/21 12:24
Acetonitrile	2.41	Peak assignment corrected	alvesn	10/20/21 13:29
Bromochloromethane	3.65	Peak assignment corrected	alvesn	10/20/21 13:29
1,1,1-Trichloroethane	3.84	Peak assignment corrected	alvesn	10/20/21 13:29
Cyclohexane	3.88	Peak assignment corrected	alvesn	10/20/21 13:29

Lab Sample ID: IC 860-27360/5 Client Sample ID:

Date Analyzed: 10/19/21 09:53 Lab File ID: E10192106X.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Isopropyl alcohol	2.32	Peak assignment corrected	velak	10/22/21 12:24
Acetonitrile	2.41	Peak assignment corrected	alvesn	10/20/21 13:30
Bromochloromethane	3.65	Peak assignment corrected	alvesn	10/20/21 13:31
1,1,1-Trichloroethane	3.84	Peak assignment corrected	alvesn	10/20/21 13:31

Lab Sample ID: ICIS 860-27360/6 Client Sample ID:

Date Analyzed: 10/19/21 10:14 Lab File ID: E10192107X.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Isopropyl alcohol	2.32	Peak assignment corrected	velak	10/22/21 12:24
Acetonitrile	2.41	Peak assignment corrected	alvesn	10/20/21 13:27
Bromochloromethane	3.65	Peak assignment corrected	alvesn	10/20/21 13:18
1,1,1-Trichloroethane	3.84	Peak assignment corrected	alvesn	10/20/21 13:18

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Instrument ID: A292 Analysis Batch Number: 27360

Lab Sample ID: IC 860-27360/7 Client Sample ID:

Date Analyzed: 10/19/21 10:35 Lab File ID: E10192108X.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Isopropyl alcohol	2.33	Peak assignment corrected	velak	10/22/21 12:25
Acetonitrile	2.42	Peak assignment corrected	alvesn	10/20/21 13:32
Pentafluorobenzene	3.86	Peak assignment corrected	alvesn	10/20/21 13:32

Lab Sample ID: IC 860-27360/8 Client Sample ID:

Date Analyzed: 10/19/21 10:55 Lab File ID: E10192109X.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Isopropyl alcohol	2.33	Peak assignment corrected	velak	10/22/21 12:25
Acetonitrile	2.42	Peak assignment corrected	alvesn	10/20/21 13:33
Pentafluorobenzene	3.86	Peak assignment corrected	alvesn	10/20/21 13:33
1,4-Dichlorobenzene-d4	8.11	Peak assignment corrected	alvesn	10/20/21 13:33

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Instrument ID: A294 Analysis Batch Number: 26284

Lab Sample ID: IC 860-26284/2 Client Sample ID:

Date Analyzed: 10/12/21 17:08 Lab File ID: T17905.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Dichlorodifluoromethane	1.18	Peak assignment corrected	mikhaile	10/13/21 08:07
Chloroethane	1.75	Baseline	mikhaile	10/13/21 08:08
1,1,2-Trichloro-1,2,2-trifluoroethane	2.40	Baseline	mikhaile	10/13/21 08:08
Iodomethane (Methyl Iodide)	2.51	Baseline	mikhaile	10/13/21 08:08
Carbon disulfide	2.56	Baseline	mikhaile	10/13/21 08:08
Isopropyl alcohol	2.56	Baseline	mikhaile	10/13/21 08:08
Acetonitrile	2.64	Baseline	mikhaile	10/13/21 08:08
Methyl acetate	2.71	Baseline	mikhaile	10/13/21 08:09
tert-Butyl alcohol	2.88	Baseline	mikhaile	10/13/21 08:09
2,2-Dichloropropane	3.75	Baseline	mikhaile	10/13/21 08:09
2-Butanone	3.76	Baseline	mikhaile	10/13/21 08:09
Ethyl acetate	3.81	Baseline	mikhaile	10/13/21 08:10
Tetrahydrofuran	3.96	Baseline	mikhaile	10/13/21 08:10
1,1,1-Trichloroethane	4.12	Baseline	mikhaile	10/13/21 08:10
1,2-Dichloropropane	4.98	Baseline	mikhaile	10/13/21 08:10
Dibromomethane	5.06	Baseline	mikhaile	10/13/21 08:10
Bromodichloromethane	5.17	Baseline	mikhaile	10/13/21 08:10
2-Nitropropane	5.32	Baseline	mikhaile	10/13/21 08:11
2-Chloroethyl vinyl ether	5.37	Baseline	mikhaile	10/13/21 08:11
trans-1,3-Dichloropropene	5.86	Baseline	mikhaile	10/13/21 08:11
Ethyl methacrylate	5.93	Baseline	mikhaile	10/13/21 08:11
2-Hexanone	6.17	Baseline	mikhaile	10/13/21 08:11
Dibromochloromethane	6.28	Baseline	mikhaile	10/13/21 08:11
1,2-Dibromoethane	6.37	Baseline	mikhaile	10/13/21 08:11
Cyclohexanone	7.50	Baseline	mikhaile	10/13/21 08:11
1,1,2,2-Tetrachloroethane	7.64	Baseline	mikhaile	10/13/21 08:11
1,2,3-Trichloropropane	7.69	Baseline	mikhaile	10/13/21 08:12
2-Chlorotoluene	7.81	Baseline	mikhaile	10/13/21 08:12
1,2,4-Trimethylbenzene	8.15	Baseline	mikhaile	10/13/21 08:12

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Instrument ID: A294 Analysis Batch Number: 26284

Lab Sample ID: IC 860-26284/2 Client Sample ID:

Date Analyzed: 10/12/21 17:08 Lab File ID: T17905.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,2,4-Trichlorobenzene	9.93	Baseline	mikhaile	10/13/21 08:12
Benzyl chloride		Invalid Compound ID	mikhaile	10/13/21 08:12

Lab Sample ID: IC 860-26284/3 Client Sample ID:

Date Analyzed: 10/12/21 17:28 Lab File ID: T17906.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
trans-1,4-Dichloro-2-butene	7.69	Peak assignment corrected	mikhaile	10/13/21 08:06

Lab Sample ID: IC 860-26284/9 Client Sample ID:

Date Analyzed: 10/12/21 19:31 Lab File ID: T17912.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetonitrile	2.65	Baseline	mikhaile	10/13/21 08:03

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Instrument ID: A294 Analysis Batch Number: 26856

Lab Sample ID: 860-13548-11 Client Sample ID: Artesia-MW34-10112021

Date Analyzed: 10/16/21 05:00 Lab File ID: T18126.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1-Dichloroethane	3.32	Peak assignment corrected	mikhaile	10/18/21 10:08
1,1-Dichloroethene		Invalid Compound ID	mikhaile	10/18/21 10:08

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Instrument ID: A325 Analysis Batch Number: 26733

Lab Sample ID: IC 860-26733/2 Client Sample ID:

Date Analyzed: 10/15/21 10:15 Lab File ID: A10152104.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Dichlorodifluoromethane	1.29	Peak assignment corrected	dangt	10/15/21 10:42
Chloromethane	1.46	Assign Peak	dangt	10/15/21 12:55
Vinyl chloride	1.55	Peak assignment corrected	dangt	10/15/21 10:42
Bromomethane	1.84	Assign Peak	dangt	10/15/21 10:44
Isopropyl alcohol	2.93	Peak assignment corrected	dangt	10/15/21 10:42
Allyl Chloride (3-Chloropropene)	3.02	Peak assignment corrected	dangt	10/15/21 10:41
Methyl acetate	3.07	Peak assignment corrected	dangt	10/15/21 10:42
1,1,1-Trichloroethane	4.69	Peak assignment corrected	dangt	10/15/21 10:42
2-Chloroethyl vinyl ether	6.25	Peak assignment corrected	dangt	10/15/21 10:43
1,2-Dibromoethane	7.47	Peak assignment corrected	dangt	10/15/21 10:43
1,1,2,2-Tetrachloroethane	9.14	Peak assignment corrected	dangt	10/15/21 10:43
trans-1,4-Dichloro-2-butene	9.20	Peak assignment corrected	dangt	10/15/21 10:43
2-Chlorotoluene	9.32	Peak assignment corrected	dangt	10/15/21 10:42
1,4-Dichlorobenzene	10.12	Peak assignment corrected	dangt	10/15/21 10:42

Lab Sample ID: IC 860-26733/3 Client Sample ID:

Date Analyzed: 10/15/21 10:35 Lab File ID: A10152105.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	1.45	Assign Peak	dangt	10/15/21 12:56
Acetonitrile	3.02	Peak assignment corrected	dangt	10/15/21 10:58
1,1,1-Trichloroethane	4.68	Peak assignment corrected	dangt	10/15/21 10:59
Isobutanol	4.97	Peak assignment corrected	dangt	10/15/21 10:59
1,4-Dioxane (P-Dioxane)	5.87	Peak assignment corrected	dangt	10/15/21 10:59
o-Xylene	8.50	Peak assignment corrected	dangt	10/15/21 10:59
1,4-Dichlorobenzene	10.12	Peak assignment corrected	dangt	10/15/21 11:00

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Instrument ID: A325 Analysis Batch Number: 26733

Lab Sample ID: IC 860-26733/4 Client Sample ID:

Date Analyzed: 10/15/21 10:56 Lab File ID: A10152106.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	1.45	Assign Peak	dangt	10/15/21 12:56
Chloroethane	1.95	Assign Peak	dangt	10/15/21 13:02
Iodomethane (Methyl Iodide)	2.81	Assign Peak	dangt	10/15/21 13:03
Allyl Chloride (3-Chloropropene)	3.02	Peak assignment corrected	dangt	10/15/21 11:36
1,1,1-Trichloroethane	4.68	Peak assignment corrected	dangt	10/15/21 11:36
1,4-Dichlorobenzene	10.12	Peak assignment corrected	dangt	10/15/21 11:36

Lab Sample ID: IC 860-26733/5 Client Sample ID:

Date Analyzed: 10/15/21 11:16 Lab File ID: A10152107.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	1.45	Assign Peak	dangt	10/15/21 12:58
Acetonitrile	3.02	Peak assignment corrected	dangt	10/15/21 11:35
o-Xylene	8.50	Peak assignment corrected	dangt	10/15/21 11:36

Lab Sample ID: ICIS 860-26733/6 Client Sample ID:

Date Analyzed: 10/15/21 11:37 Lab File ID: A10152108.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	1.45	Assign Peak	dangt	10/15/21 12:58
Acetonitrile	3.02	Peak assignment corrected	dangt	10/15/21 12:25
o-Xylene	8.50	Peak assignment corrected	dangt	10/15/21 12:25

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Instrument ID: A325 Analysis Batch Number: 26733

Lab Sample ID: IC 860-26733/7 Client Sample ID:

Date Analyzed: 10/15/21 11:57 Lab File ID: A10152109.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	1.45	Assign Peak	dangt	10/15/21 12:59
Chloroethane	1.93	Assign Peak	dangt	10/15/21 12:54
Pentafluorobenzene	4.72	Peak assignment corrected	dangt	10/15/21 12:26
o-Xylene	8.50	Peak assignment corrected	dangt	10/15/21 12:27
1,4-Dichlorobenzene-d4	10.11	Peak assignment corrected	dangt	10/15/21 12:26

Lab Sample ID: IC 860-26733/8 Client Sample ID:

Date Analyzed: 10/15/21 12:18 Lab File ID: A10152110.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
tert-Butyl alcohol	3.34	Assign Peak	dangt	10/15/21 12:44
n-Hexane	3.62	Peak assignment corrected	dangt	10/15/21 13:40
Vinyl acetate	3.82	Assign Peak	dangt	10/15/21 12:44
Pentafluorobenzene	4.72	Peak assignment corrected	dangt	10/15/21 12:38
o-Xylene	8.50	Peak assignment corrected	dangt	10/15/21 12:38
1,3,5-Trimethylbenzene	9.41	Assign Peak	dangt	10/15/21 12:45
1,4-Dichlorobenzene-d4	10.11	Peak assignment corrected	dangt	10/15/21 12:38

Lab Sample ID: ICV 860-26733/10 Client Sample ID:

Date Analyzed: 10/15/21 13:15 Lab File ID: A10152112.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetonitrile	3.02	Peak assignment corrected	dangt	10/15/21 13:34
o-Xylene	8.50	Peak assignment corrected	dangt	10/15/21 13:34

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Instrument ID: A325 Analysis Batch Number: 27074

Lab Sample ID: CCVIS 860-27074/2 Client Sample ID:

Date Analyzed: 10/19/21 07:08 Lab File ID: A10192102.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloroethane	1.94	Assign Peak	dangt	10/19/21 07:25
Acetonitrile	3.02	Peak assignment corrected	dangt	10/19/21 07:24

HPLC/IC MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Instrument ID: A166 Analysis Batch Number: 26861

Lab Sample ID: 860-13548-20 Client Sample ID: Artesia-MW12-10112021

Date Analyzed: 10/15/21 23:47 Lab File ID: 15_Oct_2021 23_47.d GC Column: AS-18 ID: 0.004(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Sulfate	4.87	Peak assignment corrected	prommekw	10/18/21 08:58

Lab Sample ID: 860-13548-23 Client Sample ID: Artesia-MW36-10122021

Date Analyzed: 10/16/21 00:39 Lab File ID: 16_Oct_2021 00_39.d GC Column: AS-18 ID: 0.004(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Sulfate	4.91	Peak assignment corrected	prommekw	10/18/21 08:59

300.0

Method 8260C

Volatile Organic Compounds (GC/MS) by Method 8260C

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): DB-624 ID: 0.25(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
Artesia-TB01-10112021	860-13548-1	121	130	99	103
Artesia-Inlet-10112021	860-13548-2	110	120	84	104
Artesia-MID-10112021	860-13548-3	121	135	100	106
Artesia-Outlet-10112021	860-13548-4	125	134	98	104
Artesia-MW40-10112021	860-13548-5	111	121	94	97
Artesia-MD40-10112021	860-13548-6	111	124	94	101
Artesia-MW39-10112021	860-13548-7	107	121	95	97
Artesia-MW35-10112021	860-13548-8	113	108	96	91
Artesia-MW29-10112021	860-13548-9	109	118	92	103
Artesia-MW28-10112021	860-13548-10	127	136	98	103
Artesia-MW34-10112021	860-13548-11	126	142	102	107
Artesia-MW31-10112021	860-13548-12	105	120	94	94
Artesia-MW25-10112021	860-13548-13	107	126	96	99
Artesia-MW22-10112021	860-13548-14	109	119	97	101
Artesia-MW32-10112021	860-13548-15	128	136	101	101
Artesia-MW30-10112021	860-13548-16	130	141	101	105
Artesia-MW11-10112021	860-13548-17	123	136	101	112
Artesia-MD11-10112021	860-13548-18	125	136	102	103
Artesia-MW17C-10112021	860-13548-19	114	119	102	104
Artesia-MW12-10112021	860-13548-20	102	112	104	104
Artesia-MW12-10112021 RA	860-13548-20 RA	102	112	104	104
Artesia-MW-37-10112021	860-13548-21	101	113	104	101
Artesia-MW-37-10112021 RA	860-13548-21 RA	100	112	106	105
Artesia-TB02-10122021	860-13548-22	110	106	100	106

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	75-131
DCA = 1,2-Dichloroethane-d4 (Surr)	63-144
TOL = Toluene-d8 (Surr)	80-117
BFB = 4-Bromofluorobenzene (Surr)	74-124

Column to be used to flag recovery values

FORM II 8260C

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): DB-624 ID: 0.25(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
Artesia-MW36-10122021	860-13548-23	96	101	101	90
Artesia-MW38-10122021	860-13548-24	100	112	105	105
Artesia-MW38-10122021 RA	860-13548-24 RA	101	113	105	103
	MB 860-26856/9	106	116	85	106
	MB 860-27074/10	97	100	102	98
	MB 860-27209/9	99	106	102	103
	MB 860-27279/10	101	107	102	102
	LCS 860-26856/3	111	111	99	108
	LCS 860-27074/3	100	102	100	102
	LCS 860-27209/3	101	104	100	101
	LCS 860-27279/3	101	104	99	103
	LCSD 860-26856/4	109	115	103	110
	LCSD 860-27074/4	102	102	100	104
	LCSD 860-27209/4	101	105	100	100
	LCSD 860-27279/4	103	105	99	100
Artesia-Inlet-10112021 MS	860-13548-2 MS	105	114	99	108
Artesia-MW-37-10112021 MS	860-13548-21 MS	103	106	100	102
Artesia-MW36-10122021 MS	860-13548-23 MS	102	106	104	102
Artesia-MW36-10122021 MSD	860-13548-23 MSD	103	101	99	101

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	75-131
DCA = 1,2-Dichloroethane-d4 (Surr)	63-144
TOL = Toluene-d8 (Surr)	80-117
BFB = 4-Bromofluorobenzene (Surr)	74-124

Column to be used to flag recovery values

FORM II 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T18108.D

Lab ID: LCS 860-26856/3 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethene	0.0500	0.05862	117	59-172	
Benzene	0.0500	0.04952	99	66-142	
1,1-Dichloroethane	0.0500	0.05691	114	72-125	
Tetrachloroethene	0.0500	0.04036	81	71-125	
Naphthalene	0.0500	0.04447	89	70-130	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A10192103.D

Lab ID: LCS 860-27074/3 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethene	0.0500	0.04995	100	59-172	
Benzene	0.0500	0.05452	109	66-142	
1,1-Dichloroethane	0.0500	0.05251	105	72-125	
Tetrachloroethene	0.0500	0.05170	103	71-125	
Naphthalene	0.0500	0.04728	95	70-130	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Matrix: Water Level: Low Lab File ID: E10192143.D

Lab ID: LCS 860-27209/3 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethene	0.0500	0.05160	103	59-172	
Benzene	0.0500	0.05131	103	66-142	
1,1-Dichloroethane	0.0500	0.05297	106	72-125	
Tetrachloroethene	0.0500	0.05192	104	71-125	
Naphthalene	0.0500	0.05494	110	70-130	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Matrix: Water Level: Low Lab File ID: E10202104.D

Lab ID: LCS 860-27279/3 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethene	0.0500	0.05405	108	59-172	
Benzene	0.0500	0.05281	106	66-142	
1,1-Dichloroethane	0.0500	0.05512	110	72-125	
Tetrachloroethene	0.0500	0.05362	107	71-125	
Naphthalene	0.0500	0.04273	85	70-130	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T18109.D

Lab ID: LCSD 860-26856/4 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1-Dichloroethene	0.0500	0.07044	141	18	25	59-172	
Benzene	0.0500	0.05228	105	5	25	66-142	
1,1-Dichloroethane	0.0500	0.05805	116	2	25	72-125	
Tetrachloroethene	0.0500	0.04403	88	9	25	71-125	
Naphthalene	0.0500	0.05722	114	25	25	70-130	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A10192104.D

Lab ID: LCSD 860-27074/4 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1-Dichloroethene	0.0500	0.04898	98	2	25	59-172	
Benzene	0.0500	0.05114	102	6	25	66-142	
1,1-Dichloroethane	0.0500	0.05430	109	3	25	72-125	
Tetrachloroethene	0.0500	0.05013	100	3	25	71-125	
Naphthalene	0.0500	0.04934	99	4	25	70-130	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Matrix: Water Level: Low Lab File ID: E10192144.D

Lab ID: LCSD 860-27209/4 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1-Dichloroethene	0.0500	0.04779	96	8	25	59-172	
Benzene	0.0500	0.04985	100	3	25	66-142	
1,1-Dichloroethane	0.0500	0.05070	101	4	25	72-125	
Tetrachloroethene	0.0500	0.04967	99	4	25	71-125	
Naphthalene	0.0500	0.05806	116	6	25	70-130	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Matrix: Water Level: Low Lab File ID: E10202105.D

Lab ID: LCSD 860-27279/4 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1-Dichloroethene	0.0500	0.05423	108	0	25	59-172	
Benzene	0.0500	0.05207	104	1	25	66-142	
1,1-Dichloroethane	0.0500	0.05480	110	1	25	72-125	
Tetrachloroethene	0.0500	0.05285	106	1	25	71-125	
Naphthalene	0.0500	0.05362	107	23	25	70-130	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T18110.D

Lab ID: 860-13548-2 MS Client ID: Artesia-Inlet-10112021 MS

COMPOUND	SPIKE ADDED (mg/L)	SAMPLE CONCENTRATION (mg/L)	MS CONCENTRATION (mg/L)	MS % REC	QC LIMITS REC	#
1,1-Dichloroethene	0.500	0.00244	0.8288	165	59-172	
Benzene	0.500	0.0000429 U	0.5129	103	66-142	
1,1-Dichloroethane	0.500	0.000407	0.5861	117	72-125	
Tetrachloroethene	0.500	0.00103	0.4853	97	71-125	
Naphthalene	0.500	0.000400 U	0.5016	100	70-130	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Matrix: Water Level: Low Lab File ID: E10202106.D

Lab ID: 860-13548-21 MS Client ID: Artesia-MW-37-10112021 MS

COMPOUND	SPIKE ADDED (mg/L)	SAMPLE CONCENTRATION (mg/L)	MS CONCENTRATION (mg/L)	MS % REC	QC LIMITS REC	#
1,1-Dichloroethene	0.0500	0.00295	0.06798	130	59-172	
Benzene	0.0500	0.00372	0.06577	124	66-142	
1,1-Dichloroethane	0.0500	0.0194	0.09058	142	72-125	F1
Tetrachloroethene	0.0500	0.00143	0.06552	128	71-125	F1
Naphthalene	0.0500	0.00227 J	0.06061	117	70-130	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A10192105.D

Lab ID: 860-13548-23 MS Client ID: Artesia-MW36-10122021 MS

COMPOUND	SPIKE ADDED (mg/L)	SAMPLE CONCENTRATION (mg/L)	MS CONCENTRATION (mg/L)	MS % REC	QC LIMITS REC	#
1,1-Dichloroethene	0.0500	0.000216 U	0.05898	118	59-172	
Benzene	0.0500	0.00126	0.06140	120	66-142	
1,1-Dichloroethane	0.0500	0.0116	0.07115	119	72-125	
Tetrachloroethene	0.0500	0.00602	0.06651	121	71-125	
Naphthalene	0.0500	0.00200 U	0.06111	122	70-130	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A10192106.D

Lab ID: 860-13548-23 MSD Client ID: Artesia-MW36-10122021 MSD

COMPOUND	SPIKE ADDED (mg/L)	MSD CONCENTRATION (mg/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1-Dichloroethene	0.0500	0.05565	111	6	25	59-172	
Benzene	0.0500	0.05663	111	8	25	66-142	
1,1-Dichloroethane	0.0500	0.07001	117	2	25	72-125	
Tetrachloroethene	0.0500	0.05835	105	13	25	71-125	
Naphthalene	0.0500	0.05112	102	18	25	70-130	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Lab File ID: T18114.D Lab Sample ID: MB 860-26856/9

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: A294 Date Analyzed: 10/16/2021 00:54

GC Column: DB-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 860-26856/3	T18108.D	10/15/2021 22:51
	LCSD 860-26856/4	T18109.D	10/15/2021 23:11
Artesia-Inlet-10112021 MS	860-13548-2 MS	T18110.D	10/15/2021 23:32
Artesia-TB01-10112021	860-13548-1	T18115.D	10/16/2021 01:14
Artesia-TB02-10122021	860-13548-22	T18116.D	10/16/2021 01:35
Artesia-Inlet-10112021	860-13548-2	T18117.D	10/16/2021 01:55
Artesia-MID-10112021	860-13548-3	T18118.D	10/16/2021 02:16
Artesia-Outlet-10112021	860-13548-4	T18119.D	10/16/2021 02:36
Artesia-MW40-10112021	860-13548-5	T18120.D	10/16/2021 02:57
Artesia-MD40-10112021	860-13548-6	T18121.D	10/16/2021 03:17
Artesia-MW39-10112021	860-13548-7	T18122.D	10/16/2021 03:38
Artesia-MW35-10112021	860-13548-8	T18123.D	10/16/2021 03:58
Artesia-MW29-10112021	860-13548-9	T18124.D	10/16/2021 04:19
Artesia-MW28-10112021	860-13548-10	T18125.D	10/16/2021 04:39
Artesia-MW34-10112021	860-13548-11	T18126.D	10/16/2021 05:00
Artesia-MW31-10112021	860-13548-12	T18127.D	10/16/2021 05:20
Artesia-MW25-10112021	860-13548-13	T18128.D	10/16/2021 05:41
Artesia-MW22-10112021	860-13548-14	T18129.D	10/16/2021 06:01
Artesia-MW32-10112021	860-13548-15	T18130.D	10/16/2021 06:22
Artesia-MW30-10112021	860-13548-16	T18131.D	10/16/2021 06:42
Artesia-MW11-10112021	860-13548-17	T18132.D	10/16/2021 07:03
Artesia-MD11-10112021	860-13548-18	T18133.D	10/16/2021 07:23
Artesia-MW17C-10112021	860-13548-19	T18134.D	10/16/2021 07:44

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Lab File ID: A10192110.D Lab Sample ID: MB 860-27074/10

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: A325 Date Analyzed: 10/19/2021 10:05

GC Column: DB-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 860-27074/3	A10192103.D	10/19/2021 07:42
	LCSD 860-27074/4	A10192104.D	10/19/2021 08:02
Artesia-MW36-10122021 MS	860-13548-23 MS	A10192105.D	10/19/2021 08:23
Artesia-MW36-10122021 MSD	860-13548-23 MSD	A10192106.D	10/19/2021 08:43
Artesia-MW36-10122021	860-13548-23	A10192113.D	10/19/2021 11:07

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Lab File ID: E10192149.D Lab Sample ID: MB 860-27209/9

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: A292 Date Analyzed: 10/20/2021 00:35

GC Column: DB-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 860-27209/3	E10192143.D	10/19/2021 22:32
	LCSD 860-27209/4	E10192144.D	10/19/2021 22:53
Artesia-MW12-10112021	860-13548-20	E10192163.D	10/20/2021 05:23
Artesia-MW-37-10112021	860-13548-21	E10192164.D	10/20/2021 05:43
Artesia-MW38-10122021	860-13548-24	E10192165.D	10/20/2021 06:04

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Lab File ID: E10202112.D Lab Sample ID: MB 860-27279/10

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: A292 Date Analyzed: 10/20/2021 12:19

GC Column: DB-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 860-27279/3	E10202104.D	10/20/2021 09:35
	LCSD 860-27279/4	E10202105.D	10/20/2021 09:55
Artesia-MW-37-10112021 MS	860-13548-21 MS	E10202106.D	10/20/2021 10:16
Artesia-MW-37-10112021 RA	860-13548-21 RA	E10202114.D	10/20/2021 13:00
Artesia-MW12-10112021 RA	860-13548-20 RA	E10202117.D	10/20/2021 14:02
Artesia-MW38-10122021 RA	860-13548-24 RA	E10202118.D	10/20/2021 14:22

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Lab File ID: E10192102.D BFB Injection Date: 10/19/2021

Instrument ID: A292 BFB Injection Time: 08:23

Analysis Batch No.: 26911

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	19.2	
75	30.0 - 60.0 % of mass 95	49.2	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.6	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	78.3	
175	5.0 - 9.0 % of mass 174	5.9	(7.5) 1
176	95.0 - 101.0 % of mass 174	75.6	(96.6) 1
177	5.0 - 9.0 % of mass 176	5.1	(6.8) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 860-26911/2	E10192103.D	10/19/2021	8:52
	IC 860-26911/3	E10192104.D	10/19/2021	9:12
	IC 860-26911/4	E10192105.D	10/19/2021	9:33
	IC 860-26911/5	E10192106.D	10/19/2021	9:53
	ICIS 860-26911/6	E10192107.D	10/19/2021	10:14
	IC 860-26911/7	E10192108.D	10/19/2021	10:35
	IC 860-26911/8	E10192109.D	10/19/2021	10:55

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FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Lab File ID: E10192140.D BFB Injection Date: 10/19/2021

Instrument ID: A292 BFB Injection Time: 21:31

Analysis Batch No.: 27209

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	20.3	
75	30.0 - 60.0 % of mass 95	51.5	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.4	
173	Less than 2.0 % of mass 174	0.3	(0.3) 1
174	Greater than 50% of mass 95	79.6	
175	5.0 - 9.0 % of mass 174	6.0	(7.6) 1
176	95.0 - 101.0 % of mass 174	77.7	(97.7) 1
177	5.0 - 9.0 % of mass 176	5.2	(6.7) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 860-27209/2	E10192142.D	10/19/2021	22:12
	LCS 860-27209/3	E10192143.D	10/19/2021	22:32
	LCSD 860-27209/4	E10192144.D	10/19/2021	22:53
	MB 860-27209/9	E10192149.D	10/20/2021	0:35
Artesia-MW12-10112021	860-13548-20	E10192163.D	10/20/2021	5:23
Artesia-MW-37-10112021	860-13548-21	E10192164.D	10/20/2021	5:43
Artesia-MW38-10122021	860-13548-24	E10192165.D	10/20/2021	6:04

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FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Lab File ID: E10192172.D BFB Injection Date: 10/20/2021

Instrument ID: A292 BFB Injection Time: 08:27

Analysis Batch No.: 27279

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	19.9	
75	30.0 - 60.0 % of mass 95	52.1	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.5	
173	Less than 2.0 % of mass 174	0.3	(0.3) 1
174	Greater than 50% of mass 95	78.3	
175	5.0 - 9.0 % of mass 174	5.9	(7.5) 1
176	95.0 - 101.0 % of mass 174	76.1	(97.2) 1
177	5.0 - 9.0 % of mass 176	5.0	(6.6) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 860-27279/2	E10202103.D	10/20/2021	9:02
	LCS 860-27279/3	E10202104.D	10/20/2021	9:35
	LCSD 860-27279/4	E10202105.D	10/20/2021	9:55
Artesia-MW-37-10112021 MS	860-13548-21 MS	E10202106.D	10/20/2021	10:16
	MB 860-27279/10	E10202112.D	10/20/2021	12:19
Artesia-MW-37-10112021 RA	860-13548-21 RA	E10202114.D	10/20/2021	13:00
Artesia-MW12-10112021 RA	860-13548-20 RA	E10202117.D	10/20/2021	14:02
Artesia-MW38-10122021 RA	860-13548-24 RA	E10202118.D	10/20/2021	14:22

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FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Lab File ID: E10192102X.D BFB Injection Date: 10/19/2021

Instrument ID: A292 BFB Injection Time: 08:23

Analysis Batch No.: 27360

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	19.2	
75	30.0 - 60.0 % of mass 95	49.2	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.6	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	78.3	
175	5.0 - 9.0 % of mass 174	5.9	(7.5) 1
176	95.0 - 101.0 % of mass 174	75.6	(96.6) 1
177	5.0 - 9.0 % of mass 176	5.1	(6.8) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 860-27360/2	E10192103.D	10/19/2021	8:52
	IC 860-27360/3	E10192104X.D	10/19/2021	9:12
	IC 860-27360/4	E10192105X.D	10/19/2021	9:33
	IC 860-27360/5	E10192106X.D	10/19/2021	9:53
	ICIS 860-27360/6	E10192107X.D	10/19/2021	10:14
	IC 860-27360/7	E10192108X.D	10/19/2021	10:35
	IC 860-27360/8	E10192109X.D	10/19/2021	10:55

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FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Lab File ID: T17903.D BFB Injection Date: 10/12/2021

Instrument ID: A294 BFB Injection Time: 16:16

Analysis Batch No.: 26284

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	15.9	
75	30.0 - 60.0 % of mass 95	48.1	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.3	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	94.1	
175	5.0 - 9.0 % of mass 174	8.0	(8.5) 1
176	95.0 - 101.0 % of mass 174	89.4	(95.1) 1
177	5.0 - 9.0 % of mass 176	5.2	(5.9) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 860-26284/2	T17905.D	10/12/2021	17:08
	IC 860-26284/3	T17906.D	10/12/2021	17:28
	IC 860-26284/4	T17907.D	10/12/2021	17:49
	IC 860-26284/5	T17908.D	10/12/2021	18:09
	ICIS 860-26284/6	T17909.D	10/12/2021	18:30
	IC 860-26284/7	T17910.D	10/12/2021	18:50
	IC 860-26284/9	T17912.D	10/12/2021	19:31
	ICV 860-26284/10	T17914.D	10/12/2021	20:12

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FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Lab File ID: T18104.D BFB Injection Date: 10/15/2021

Instrument ID: A294 BFB Injection Time: 21:29

Analysis Batch No.: 26856

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	19.5	
75	30.0 - 60.0 % of mass 95	51.2	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.5	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	82.2	
175	5.0 - 9.0 % of mass 174	7.2	(8.8) 1
176	95.0 - 101.0 % of mass 174	78.2	(95.1) 1
177	5.0 - 9.0 % of mass 176	5.4	(6.9) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 860-26856/2	T18107.D	10/15/2021	22:30
	LCS 860-26856/3	T18108.D	10/15/2021	22:51
	LCSD 860-26856/4	T18109.D	10/15/2021	23:11
Artesia-Inlet-10112021 MS	860-13548-2 MS	T18110.D	10/15/2021	23:32
	MB 860-26856/9	T18114.D	10/16/2021	0:54
Artesia-TB01-10112021	860-13548-1	T18115.D	10/16/2021	1:14
Artesia-TB02-10122021	860-13548-22	T18116.D	10/16/2021	1:35
Artesia-Inlet-10112021	860-13548-2	T18117.D	10/16/2021	1:55
Artesia-MID-10112021	860-13548-3	T18118.D	10/16/2021	2:16
Artesia-Outlet-10112021	860-13548-4	T18119.D	10/16/2021	2:36
Artesia-MW40-10112021	860-13548-5	T18120.D	10/16/2021	2:57
Artesia-MD40-10112021	860-13548-6	T18121.D	10/16/2021	3:17
Artesia-MW39-10112021	860-13548-7	T18122.D	10/16/2021	3:38
Artesia-MW35-10112021	860-13548-8	T18123.D	10/16/2021	3:58
Artesia-MW29-10112021	860-13548-9	T18124.D	10/16/2021	4:19
Artesia-MW28-10112021	860-13548-10	T18125.D	10/16/2021	4:39
Artesia-MW34-10112021	860-13548-11	T18126.D	10/16/2021	5:00
Artesia-MW31-10112021	860-13548-12	T18127.D	10/16/2021	5:20
Artesia-MW25-10112021	860-13548-13	T18128.D	10/16/2021	5:41
Artesia-MW22-10112021	860-13548-14	T18129.D	10/16/2021	6:01
Artesia-MW32-10112021	860-13548-15	T18130.D	10/16/2021	6:22
Artesia-MW30-10112021	860-13548-16	T18131.D	10/16/2021	6:42
Artesia-MW11-10112021	860-13548-17	T18132.D	10/16/2021	7:03
Artesia-MD11-10112021	860-13548-18	T18133.D	10/16/2021	7:23
Artesia-MW17C-10112021	860-13548-19	T18134.D	10/16/2021	7:44

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FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Lab File ID: A10152101.D BFB Injection Date: 10/15/2021

Instrument ID: A325 BFB Injection Time: 09:00

Analysis Batch No.: 26733

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	19.5	
75	30.0 - 60.0 % of mass 95	49.5	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.2	
173	Less than 2.0 % of mass 174	1.2	(1.1) 1
174	Greater than 50% of mass 95	113.8	
175	5.0 - 9.0 % of mass 174	8.9	(7.8) 1
176	95.0 - 101.0 % of mass 174	110.1	(96.7) 1
177	5.0 - 9.0 % of mass 176	6.9	(6.3) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 860-26733/2	A10152104.D	10/15/2021	10:15
	IC 860-26733/3	A10152105.D	10/15/2021	10:35
	IC 860-26733/4	A10152106.D	10/15/2021	10:56
	IC 860-26733/5	A10152107.D	10/15/2021	11:16
	ICIS 860-26733/6	A10152108.D	10/15/2021	11:37
	IC 860-26733/7	A10152109.D	10/15/2021	11:57
	IC 860-26733/8	A10152110.D	10/15/2021	12:18
	ICV 860-26733/10	A10152112.D	10/15/2021	13:15

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FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Lab File ID: A10192101.D BFB Injection Date: 10/19/2021

Instrument ID: A325 BFB Injection Time: 06:47

Analysis Batch No.: 27074

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	19.8	
75	30.0 - 60.0 % of mass 95	50.0	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.6	
173	Less than 2.0 % of mass 174	1.4	(1.3) 1
174	Greater than 50% of mass 95	105.8	
175	5.0 - 9.0 % of mass 174	8.4	(7.9) 1
176	95.0 - 101.0 % of mass 174	105.8	(100.0) 1
177	5.0 - 9.0 % of mass 176	6.7	(6.3) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 860-27074/2	A10192102.D	10/19/2021	7:08
	LCS 860-27074/3	A10192103.D	10/19/2021	7:42
	LCSD 860-27074/4	A10192104.D	10/19/2021	8:02
Artesia-MW36-10122021 MS	860-13548-23 MS	A10192105.D	10/19/2021	8:23
Artesia-MW36-10122021 MSD	860-13548-23 MSD	A10192106.D	10/19/2021	8:43
	MB 860-27074/10	A10192110.D	10/19/2021	10:05
Artesia-MW36-10122021	860-13548-23	A10192113.D	10/19/2021	11:07

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FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Sample No.: CCVIS 860-27209/2 Date Analyzed: 10/19/2021 22:12

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): E10192142.D Heated Purge: (Y/N) N

Calibration ID: 1808

		PFB		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		508523	3.86	770430	4.37	679794	6.41
UPPER LIMIT		1017046	4.36	1540860	4.87	1359588	6.91
LOWER LIMIT		254262	3.36	385215	3.87	339897	5.91
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 860-27209/3		505414	3.86	769859	4.37	674141	6.41
LCSD 860-27209/4		514319	3.86	776911	4.37	678463	6.41
MB 860-27209/9		515999	3.86	780195	4.37	659226	6.41
860-13548-20	Artesia-MW12-10112021	499691	3.86	755978	4.37	632860	6.41
860-13548-21	Artesia-MW-37-10112021	509667	3.86	767616	4.37	641540	6.41
860-13548-24	Artesia-MW38-10122021	503968	3.86	758754	4.37	624707	6.41

PFB = Pentafluorobenzene
DFBZ = 1,4-Difluorobenzene
CBNZd5 = Chlorobenzene-d5

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Sample No.: CCVIS 860-27209/2 Date Analyzed: 10/19/2021 22:12

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): E10192142.D Heated Purge: (Y/N) N

Calibration ID: 1808

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		326178	8.11				
UPPER LIMIT		652356	8.61				
LOWER LIMIT		163089	7.61				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 860-27209/3		321080	8.11				
LCSD 860-27209/4		328729	8.11				
MB 860-27209/9		298847	8.11				
860-13548-20	Artesia-MW12-10112021	276563	8.11				
860-13548-21	Artesia-MW-37-10112021	292945	8.11				
860-13548-24	Artesia-MW38-10122021	279881	8.11				

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Sample No.: CCVIS 860-27279/2 Date Analyzed: 10/20/2021 09:02

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): E10202103.D Heated Purge: (Y/N) N

Calibration ID: 1808

		PFB		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		480290	3.86	739854	4.37	645893	6.41
UPPER LIMIT		960580	4.36	1479708	4.87	1291786	6.91
LOWER LIMIT		240145	3.36	369927	3.87	322947	5.91
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 860-27279/3		483185	3.86	742178	4.37	653818	6.41
LCSD 860-27279/4		497876	3.86	766530	4.37	675404	6.41
860-13548-21 MS	Artesia-MW-37-10112021 MS	482922	3.86	741388	4.37	648503	6.41
MB 860-27279/10		506165	3.86	776245	4.37	659976	6.41
860-13548-21 RA	Artesia-MW-37-10112021 RA	503945	3.86	762795	4.37	626073	6.41
860-13548-20 RA	Artesia-MW12-10112021 RA	496604	3.86	762070	4.37	628493	6.41
860-13548-24 RA	Artesia-MW38-10122021 RA	497275	3.86	749239	4.37	625360	6.41

PFB = Pentafluorobenzene
DFBZ = 1,4-Difluorobenzene
CBNZd5 = Chlorobenzene-d5

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Sample No.: CCVIS 860-27279/2 Date Analyzed: 10/20/2021 09:02

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): E10202103.D Heated Purge: (Y/N) N

Calibration ID: 1808

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		301541	8.11				
UPPER LIMIT		603082	8.61				
LOWER LIMIT		150771	7.61				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 860-27279/3		306367	8.11				
LCSD 860-27279/4		331449	8.11				
860-13548-21 MS	Artesia-MW-37-10112021 MS	307271	8.11				
MB 860-27279/10		305145	8.11				
860-13548-21 RA	Artesia-MW-37-10112021 RA	276858	8.11				
860-13548-20 RA	Artesia-MW12-10112021 RA	278025	8.11				
860-13548-24 RA	Artesia-MW38-10122021 RA	276762	8.11				

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Sample No.: ICIS 860-26284/6 Date Analyzed: 10/12/2021 18:30

Instrument ID: A294 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): T17909.D Heated Purge: (Y/N) N

Calibration ID: 1763

		PFB		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		162632	4.12	232421	4.64	201881	6.70
UPPER LIMIT		325264	4.62	464842	5.14	403762	7.20
LOWER LIMIT		81316	3.62	116211	4.14	100941	6.20
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 860-26284/10		154969	4.12	220643	4.64	187153	6.70
CCVIS 860-26856/2		125856	4.12	176354	4.64	157977	6.70

PFB = Pentafluorobenzene
DFBZ = 1,4-Difluorobenzene
CBNZd5 = Chlorobenzene-d5

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Sample No.: ICIS 860-26284/6 Date Analyzed: 10/12/2021 18:30

Instrument ID: A294 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): T17909.D Heated Purge: (Y/N) N

Calibration ID: 1763

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		102840	8.41				
UPPER LIMIT		205680	8.91				
LOWER LIMIT		51420	7.91				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 860-26284/10		89502	8.41				
CCVIS 860-26856/2		78813	8.41				

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Sample No.: CCVIS 860-26856/2 Date Analyzed: 10/15/2021 22:30

Instrument ID: A294 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): T18107.D Heated Purge: (Y/N) N

Calibration ID: 1763

		PFB		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		125856	4.12	176354	4.64	157977	6.70
UPPER LIMIT		251712	4.62	352708	5.14	315954	7.20
LOWER LIMIT		62928	3.62	88177	4.14	78989	6.20
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 860-26856/3		154518	4.12	242979	4.64	217764	6.70
LCSD 860-26856/4		153181	4.12	230032	4.64	198985	6.70
860-13548-2 MS	Artesia-Inlet-10112021 MS	154126	4.12	230748	4.64	202590	6.70
MB 860-26856/9		120014	4.12	165836	4.64	167846	6.70
860-13548-1	Artesia-TB01-10112021	132678	4.12	199639	4.64	171591	6.70
860-13548-22	Artesia-TB02-10122021	129374	4.12	196822	4.64	170336	6.70
860-13548-2	Artesia-Inlet-10112021	113525	4.12	156922	4.64	158054	6.70
860-13548-3	Artesia-MID-10112021	129683	4.12	189989	4.64	164292	6.70
860-13548-4	Artesia-Outlet-10112021	126765	4.12	190801	4.64	165217	6.70
860-13548-5	Artesia-MW40-10112021	109191	4.12	149472	4.64	135446	6.70
860-13548-6	Artesia-MD40-10112021	112104	4.12	150774	4.64	137192	6.70
860-13548-7	Artesia-MW39-10112021	115987	4.12	157267	4.64	141174	6.70
860-13548-8	Artesia-MW35-10112021	148287	4.12	240676	4.64	196859	6.70
860-13548-9	Artesia-MW29-10112021	123295	4.12	170226	4.64	171830	6.70
860-13548-10	Artesia-MW28-10112021	125679	4.12	187092	4.64	166401	6.70
860-13548-11	Artesia-MW34-10112021	122519	4.12	179651	4.64	155211	6.70
860-13548-12	Artesia-MW31-10112021	110471	4.12	148009	4.64	131606	6.70
860-13548-13	Artesia-MW25-10112021	109830	4.12	146345	4.64	132161	6.70
860-13548-14	Artesia-MW22-10112021	118577	4.12	164981	4.64	143947	6.70
860-13548-15	Artesia-MW32-10112021	124260	4.12	187712	4.64	163356	6.70
860-13548-16	Artesia-MW30-10112021	122693	4.12	182231	4.64	154769	6.70
860-13548-17	Artesia-MW11-10112021	127172	4.12	188109	4.64	158563	6.70
860-13548-18	Artesia-MD11-10112021	122446	4.12	182075	4.64	157794	6.70
860-13548-19	Artesia-MW17C-10112021	124450	4.12	178895	4.64	148282	6.70

PFB = Pentafluorobenzene
DFBZ = 1,4-Difluorobenzene
CBNZd5 = Chlorobenzene-d5

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Sample No.: CCVIS 860-26856/2 Date Analyzed: 10/15/2021 22:30

Instrument ID: A294 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): T18107.D Heated Purge: (Y/N) N

Calibration ID: 1763

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		78813	8.41				
UPPER LIMIT		157626	8.91				
LOWER LIMIT		39407	7.91				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 860-26856/3		102222	8.41				
LCSD 860-26856/4		91456	8.41				
860-13548-2 MS	Artesia-Inlet-10112021 MS	95503	8.41				
MB 860-26856/9		61671	8.41				
860-13548-1	Artesia-TB01-10112021	68042	8.41				
860-13548-22	Artesia-TB02-10122021	64738	8.41				
860-13548-2	Artesia-Inlet-10112021	61753	8.41				
860-13548-3	Artesia-MID-10112021	61951	8.41				
860-13548-4	Artesia-Outlet-10112021	62524	8.41				
860-13548-5	Artesia-MW40-10112021	59247	8.41				
860-13548-6	Artesia-MD40-10112021	57290	8.41				
860-13548-7	Artesia-MW39-10112021	60870	8.41				
860-13548-8	Artesia-MW35-10112021	67773	8.41				
860-13548-9	Artesia-MW29-10112021	64052	8.41				
860-13548-10	Artesia-MW28-10112021	63488	8.41				
860-13548-11	Artesia-MW34-10112021	56820	8.41				
860-13548-12	Artesia-MW31-10112021	58387	8.41				
860-13548-13	Artesia-MW25-10112021	57540	8.41				
860-13548-14	Artesia-MW22-10112021	59902	8.41				
860-13548-15	Artesia-MW32-10112021	62971	8.41				
860-13548-16	Artesia-MW30-10112021	56131	8.41				
860-13548-17	Artesia-MW11-10112021	51667	8.41				
860-13548-18	Artesia-MD11-10112021	62949	8.41				
860-13548-19	Artesia-MW17C-10112021	54254	8.41				

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Sample No.: ICIS 860-26733/6 Date Analyzed: 10/15/2021 11:37

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): A10152108.D Heated Purge: (Y/N) N

Calibration ID: 1782

		PFB		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		1594370	4.72	2210184	5.33	2025927	7.89
UPPER LIMIT		3188740	5.22	4420368	5.83	4051854	8.39
LOWER LIMIT		797185	4.22	1105092	4.83	1012964	7.39
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 860-26733/10		1764406	4.72	2470648	5.33	2368720	7.89
CCVIS 860-27074/2		1288568	4.72	1774685	5.33	1712184	7.89

PFB = Pentafluorobenzene
DFBZ = 1,4-Difluorobenzene
CBNZd5 = Chlorobenzene-d5

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Sample No.: ICIS 860-26733/6 Date Analyzed: 10/15/2021 11:37

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): A10152108.D Heated Purge: (Y/N) N

Calibration ID: 1782

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		1130290	10.10				
UPPER LIMIT		2260580	10.60				
LOWER LIMIT		565145	9.60				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 860-26733/10		1323832	10.10				
CCVIS 860-27074/2		1036620	10.10				

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Sample No.: CCVIS 860-27074/2 Date Analyzed: 10/19/2021 07:08

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): A10192102.D Heated Purge: (Y/N) N

Calibration ID: 1782

		PFB		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1288568	4.72	1774685	5.33	1712184	7.89
UPPER LIMIT		2577136	5.22	3549370	5.83	3424368	8.39
LOWER LIMIT		644284	4.22	887343	4.83	856092	7.39
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 860-27074/3		1336513	4.71	1845398	5.33	1810979	7.89
LCSD 860-27074/4		1405006	4.72	1968288	5.33	1878962	7.89
860-13548-23 MS	Artesia-MW36-10122021 MS	1360018	4.72	1851135	5.33	1714131	7.89
860-13548-23 MSD	Artesia-MW36-10122021 MSD	1456805	4.72	2044361	5.33	1899958	7.89
MB 860-27074/10		1009908	4.72	1403020	5.33	1342938	7.89
860-13548-23	Artesia-MW36-10122021	1000348	4.72	1352042	5.33	1281669	7.89

PFB = Pentafluorobenzene
DFBZ = 1,4-Difluorobenzene
CBNZd5 = Chlorobenzene-d5

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Sample No.: CCVIS 860-27074/2 Date Analyzed: 10/19/2021 07:08

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): A10192102.D Heated Purge: (Y/N) N

Calibration ID: 1782

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		1036620	10.10				
UPPER LIMIT		2073240	10.60				
LOWER LIMIT		518310	9.60				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 860-27074/3		1049214	10.10				
LCSD 860-27074/4		1125792	10.10				
860-13548-23 MS	Artesia-MW36-10122021 MS	1048723	10.10				
860-13548-23 MSD	Artesia-MW36-10122021 MSD	1135512	10.10				
MB 860-27074/10		791515	10.10				
860-13548-23	Artesia-MW36-10122021	795023	10.10				

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Artesia-TB01-10112021 Lab Sample ID: 860-13548-1

Matrix: Water Lab File ID: T18115.D

Analysis Method: 8260C Date Collected: 10/11/2021 12:00

Sample wt/vol: 5(mL) Date Analyzed: 10/16/2021 01:14

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 26856 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.0000433	U	0.000200	0.0000433
71-43-2	Benzene	0.0000429	U	0.000200	0.0000429
75-34-3	1,1-Dichloroethane	0.0000489	U	0.000200	0.0000489
127-18-4	Tetrachloroethene	0.000100	U	0.000200	0.000100
91-20-3	Naphthalene	0.000400	U	0.00200	0.000400

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	103		74-124
1868-53-7	Dibromofluoromethane (Surr)	121		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	130		63-144
2037-26-5	Toluene-d8 (Surr)	99		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Artesia-Inlet-10112021 Lab Sample ID: 860-13548-2

Matrix: Water Lab File ID: T18117.D

Analysis Method: 8260C Date Collected: 10/11/2021 12:15

Sample wt/vol: 5(mL) Date Analyzed: 10/16/2021 01:55

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 26856 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.00244		0.000200	0.0000433
71-43-2	Benzene	0.0000429	U	0.000200	0.0000429
75-34-3	1,1-Dichloroethane	0.000407		0.000200	0.0000489
127-18-4	Tetrachloroethene	0.00103		0.000200	0.000100
91-20-3	Naphthalene	0.000400	U	0.00200	0.000400

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	104		74-124
1868-53-7	Dibromofluoromethane (Surr)	110		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	120		63-144
2037-26-5	Toluene-d8 (Surr)	84		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Artesia-MID-10112021 Lab Sample ID: 860-13548-3

Matrix: Water Lab File ID: T18118.D

Analysis Method: 8260C Date Collected: 10/11/2021 12:20

Sample wt/vol: 5(mL) Date Analyzed: 10/16/2021 02:16

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 26856 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.00148		0.000200	0.0000433
71-43-2	Benzene	0.0000429	U	0.000200	0.0000429
75-34-3	1,1-Dichloroethane	0.000796		0.000200	0.0000489
127-18-4	Tetrachloroethene	0.000100	U	0.000200	0.000100
91-20-3	Naphthalene	0.000400	U	0.00200	0.000400

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	106		74-124
1868-53-7	Dibromofluoromethane (Surr)	121		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	135		63-144
2037-26-5	Toluene-d8 (Surr)	100		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Artesia-Outlet-10112021 Lab Sample ID: 860-13548-4

Matrix: Water Lab File ID: T18119.D

Analysis Method: 8260C Date Collected: 10/11/2021 12:25

Sample wt/vol: 5(mL) Date Analyzed: 10/16/2021 02:36

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 26856 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.0000433	U	0.000200	0.0000433
71-43-2	Benzene	0.0000429	U	0.000200	0.0000429
75-34-3	1,1-Dichloroethane	0.000436		0.000200	0.0000489
127-18-4	Tetrachloroethene	0.000100	U	0.000200	0.000100
91-20-3	Naphthalene	0.000400	U	0.00200	0.000400

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	104		74-124
1868-53-7	Dibromofluoromethane (Surr)	125		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	134		63-144
2037-26-5	Toluene-d8 (Surr)	98		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Artesia-MW40-10112021 Lab Sample ID: 860-13548-5

Matrix: Water Lab File ID: T18120.D

Analysis Method: 8260C Date Collected: 10/11/2021 14:45

Sample wt/vol: 5(mL) Date Analyzed: 10/16/2021 02:57

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 26856 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.0000433	U	0.000200	0.0000433
127-18-4	Tetrachloroethene	0.000100	U	0.000200	0.000100

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	97		74-124
1868-53-7	Dibromofluoromethane (Surr)	111		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	121		63-144
2037-26-5	Toluene-d8 (Surr)	94		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Artesia-MD40-10112021 Lab Sample ID: 860-13548-6

Matrix: Water Lab File ID: T18121.D

Analysis Method: 8260C Date Collected: 10/11/2021 14:50

Sample wt/vol: 5(mL) Date Analyzed: 10/16/2021 03:17

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 26856 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.0000433	U	0.000200	0.0000433
127-18-4	Tetrachloroethene	0.000100	U	0.000200	0.000100

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	101		74-124
1868-53-7	Dibromofluoromethane (Surr)	111		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	124		63-144
2037-26-5	Toluene-d8 (Surr)	94		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Artesia-MW39-10112021 Lab Sample ID: 860-13548-7

Matrix: Water Lab File ID: T18122.D

Analysis Method: 8260C Date Collected: 10/11/2021 15:05

Sample wt/vol: 5(mL) Date Analyzed: 10/16/2021 03:38

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 26856 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.000807		0.000200	0.0000433
127-18-4	Tetrachloroethene	0.00132		0.000200	0.000100

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	97		74-124
1868-53-7	Dibromofluoromethane (Surr)	107		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	121		63-144
2037-26-5	Toluene-d8 (Surr)	95		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Artesia-MW35-10112021 Lab Sample ID: 860-13548-8

Matrix: Water Lab File ID: T18123.D

Analysis Method: 8260C Date Collected: 10/11/2021 15:20

Sample wt/vol: 5(mL) Date Analyzed: 10/16/2021 03:58

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 26856 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.00308		0.000200	0.0000433
127-18-4	Tetrachloroethene	0.00306		0.000200	0.000100

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	91		74-124
1868-53-7	Dibromofluoromethane (Surr)	113		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		63-144
2037-26-5	Toluene-d8 (Surr)	96		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Artesia-MW29-10112021 Lab Sample ID: 860-13548-9

Matrix: Water Lab File ID: T18124.D

Analysis Method: 8260C Date Collected: 10/11/2021 15:35

Sample wt/vol: 5(mL) Date Analyzed: 10/16/2021 04:19

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 26856 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.00393		0.000200	0.0000433
71-43-2	Benzene	0.0000429	U	0.000200	0.0000429
75-34-3	1,1-Dichloroethane	0.00107		0.000200	0.0000489
127-18-4	Tetrachloroethene	0.00349		0.000200	0.000100
91-20-3	Naphthalene	0.000400	U	0.00200	0.000400

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	103		74-124
1868-53-7	Dibromofluoromethane (Surr)	109		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	118		63-144
2037-26-5	Toluene-d8 (Surr)	92		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Artesia-MW28-10112021 Lab Sample ID: 860-13548-10

Matrix: Water Lab File ID: T18125.D

Analysis Method: 8260C Date Collected: 10/11/2021 15:55

Sample wt/vol: 5(mL) Date Analyzed: 10/16/2021 04:39

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 26856 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.00163		0.000200	0.0000433
71-43-2	Benzene	0.0000429	U	0.000200	0.0000429
75-34-3	1,1-Dichloroethane	0.000949		0.000200	0.0000489
127-18-4	Tetrachloroethene	0.00145		0.000200	0.000100
91-20-3	Naphthalene	0.000400	U	0.00200	0.000400

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	103		74-124
1868-53-7	Dibromofluoromethane (Surr)	127		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	136		63-144
2037-26-5	Toluene-d8 (Surr)	98		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Artesia-MW34-10112021 Lab Sample ID: 860-13548-11

Matrix: Water Lab File ID: T18126.D

Analysis Method: 8260C Date Collected: 10/11/2021 16:10

Sample wt/vol: 5(mL) Date Analyzed: 10/16/2021 05:00

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 26856 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.0000433	U	0.000200	0.0000433
71-43-2	Benzene	0.0000429	U	0.000200	0.0000429
75-34-3	1,1-Dichloroethane	0.000217		0.000200	0.0000489
127-18-4	Tetrachloroethene	0.000100	U	0.000200	0.000100
91-20-3	Naphthalene	0.000400	U	0.00200	0.000400

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	107		74-124
1868-53-7	Dibromofluoromethane (Surr)	126		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	142		63-144
2037-26-5	Toluene-d8 (Surr)	102		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Artesia-MW31-10112021 Lab Sample ID: 860-13548-12

Matrix: Water Lab File ID: T18127.D

Analysis Method: 8260C Date Collected: 10/11/2021 16:25

Sample wt/vol: 5(mL) Date Analyzed: 10/16/2021 05:20

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 26856 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.0000433	U	0.000200	0.0000433
71-43-2	Benzene	0.0000429	U	0.000200	0.0000429
75-34-3	1,1-Dichloroethane	0.0000489	U	0.000200	0.0000489
127-18-4	Tetrachloroethene	0.000100	U	0.000200	0.000100
91-20-3	Naphthalene	0.000400	U	0.00200	0.000400

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	94		74-124
1868-53-7	Dibromofluoromethane (Surr)	105		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	120		63-144
2037-26-5	Toluene-d8 (Surr)	94		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Artesia-MW25-10112021 Lab Sample ID: 860-13548-13

Matrix: Water Lab File ID: T18128.D

Analysis Method: 8260C Date Collected: 10/11/2021 16:55

Sample wt/vol: 5(mL) Date Analyzed: 10/16/2021 05:41

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 26856 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.0000433	U	0.000200	0.0000433
71-43-2	Benzene	0.0000429	U	0.000200	0.0000429
75-34-3	1,1-Dichloroethane	0.0000489	U	0.000200	0.0000489
127-18-4	Tetrachloroethene	0.000100	U	0.000200	0.000100
91-20-3	Naphthalene	0.000400	U	0.00200	0.000400

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	99		74-124
1868-53-7	Dibromofluoromethane (Surr)	107		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	126		63-144
2037-26-5	Toluene-d8 (Surr)	96		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Artesia-MW22-10112021 Lab Sample ID: 860-13548-14

Matrix: Water Lab File ID: T18129.D

Analysis Method: 8260C Date Collected: 10/11/2021 17:05

Sample wt/vol: 5(mL) Date Analyzed: 10/16/2021 06:01

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 26856 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.0000433	U	0.000200	0.0000433
71-43-2	Benzene	0.0000429	U	0.000200	0.0000429
75-34-3	1,1-Dichloroethane	0.0000489	U	0.000200	0.0000489
127-18-4	Tetrachloroethene	0.000100	U	0.000200	0.000100
91-20-3	Naphthalene	0.000400	U	0.00200	0.000400

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	101		74-124
1868-53-7	Dibromofluoromethane (Surr)	109		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	119		63-144
2037-26-5	Toluene-d8 (Surr)	97		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Artesia-MW32-10112021 Lab Sample ID: 860-13548-15

Matrix: Water Lab File ID: T18130.D

Analysis Method: 8260C Date Collected: 10/11/2021 17:25

Sample wt/vol: 5(mL) Date Analyzed: 10/16/2021 06:22

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 26856 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.0000433	U	0.000200	0.0000433
71-43-2	Benzene	0.0000429	U	0.000200	0.0000429
75-34-3	1,1-Dichloroethane	0.0000489	U	0.000200	0.0000489
127-18-4	Tetrachloroethene	0.000100	U	0.000200	0.000100
91-20-3	Naphthalene	0.000400	U	0.00200	0.000400

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	101		74-124
1868-53-7	Dibromofluoromethane (Surr)	128		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	136		63-144
2037-26-5	Toluene-d8 (Surr)	101		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Artesia-MW30-10112021 Lab Sample ID: 860-13548-16

Matrix: Water Lab File ID: T18131.D

Analysis Method: 8260C Date Collected: 10/11/2021 17:35

Sample wt/vol: 5(mL) Date Analyzed: 10/16/2021 06:42

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 26856 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.000947		0.000200	0.0000433
71-43-2	Benzene	0.0000429	U	0.000200	0.0000429
75-34-3	1,1-Dichloroethane	0.0000489	U	0.000200	0.0000489
127-18-4	Tetrachloroethene	0.000568		0.000200	0.000100
91-20-3	Naphthalene	0.000400	U	0.00200	0.000400

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	105		74-124
1868-53-7	Dibromofluoromethane (Surr)	130		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	141		63-144
2037-26-5	Toluene-d8 (Surr)	101		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Artesia-MW11-10112021 Lab Sample ID: 860-13548-17

Matrix: Water Lab File ID: T18132.D

Analysis Method: 8260C Date Collected: 10/11/2021 14:45

Sample wt/vol: 5(mL) Date Analyzed: 10/16/2021 07:03

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 26856 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.0000433	U	0.000200	0.0000433
71-43-2	Benzene	0.0000429	U	0.000200	0.0000429
75-34-3	1,1-Dichloroethane	0.000911		0.000200	0.0000489
127-18-4	Tetrachloroethene	0.000100	U	0.000200	0.000100
91-20-3	Naphthalene	0.000400	U	0.00200	0.000400

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	112		74-124
1868-53-7	Dibromofluoromethane (Surr)	123		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	136		63-144
2037-26-5	Toluene-d8 (Surr)	101		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Artesia-MD11-10112021 Lab Sample ID: 860-13548-18

Matrix: Water Lab File ID: T18133.D

Analysis Method: 8260C Date Collected: 10/11/2021 14:50

Sample wt/vol: 5(mL) Date Analyzed: 10/16/2021 07:23

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 26856 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.0000433	U	0.000200	0.0000433
71-43-2	Benzene	0.0000429	U	0.000200	0.0000429
75-34-3	1,1-Dichloroethane	0.000978		0.000200	0.0000489
127-18-4	Tetrachloroethene	0.000100	U	0.000200	0.000100
91-20-3	Naphthalene	0.000400	U	0.00200	0.000400

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	103		74-124
1868-53-7	Dibromofluoromethane (Surr)	125		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	136		63-144
2037-26-5	Toluene-d8 (Surr)	102		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Artesia-MW17C-10112021 Lab Sample ID: 860-13548-19

Matrix: Water Lab File ID: T18134.D

Analysis Method: 8260C Date Collected: 10/11/2021 15:40

Sample wt/vol: 5(mL) Date Analyzed: 10/16/2021 07:44

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 26856 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.0000433	U	0.000200	0.0000433
71-43-2	Benzene	0.0000429	U	0.000200	0.0000429
75-34-3	1,1-Dichloroethane	0.0000489	U	0.000200	0.0000489
127-18-4	Tetrachloroethene	0.000100	U	0.000200	0.000100
91-20-3	Naphthalene	0.000400	U	0.00200	0.000400

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	104		74-124
1868-53-7	Dibromofluoromethane (Surr)	114		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	119		63-144
2037-26-5	Toluene-d8 (Surr)	102		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Artesia-MW12-10112021 Lab Sample ID: 860-13548-20

Matrix: Water Lab File ID: E10192163.D

Analysis Method: 8260C Date Collected: 10/11/2021 16:30

Sample wt/vol: 5(mL) Date Analyzed: 10/20/2021 05:23

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 27209 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.00222		0.00100	0.000216
71-43-2	Benzene	0.000877	J	0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.0408		0.00100	0.000244
127-18-4	Tetrachloroethene	0.000500	U	0.00100	0.000500

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	104		74-124
1868-53-7	Dibromofluoromethane (Surr)	102		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		63-144
2037-26-5	Toluene-d8 (Surr)	104		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Artesia-MW12-10112021 RA Lab Sample ID: 860-13548-20 RA

Matrix: Water Lab File ID: E10202117.D

Analysis Method: 8260C Date Collected: 10/11/2021 16:30

Sample wt/vol: 5(mL) Date Analyzed: 10/20/2021 14:02

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 27279 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
91-20-3	Naphthalene	0.00200	U	0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	104		74-124
1868-53-7	Dibromofluoromethane (Surr)	102		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		63-144
2037-26-5	Toluene-d8 (Surr)	104		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Artesia-MW-37-10112021 Lab Sample ID: 860-13548-21

Matrix: Water Lab File ID: E10192164.D

Analysis Method: 8260C Date Collected: 10/11/2021 17:35

Sample wt/vol: 5(mL) Date Analyzed: 10/20/2021 05:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 27209 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.00294		0.00100	0.000216
71-43-2	Benzene	0.00405		0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.0213		0.00100	0.000244
127-18-4	Tetrachloroethene	0.00155		0.00100	0.000500

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	101		74-124
1868-53-7	Dibromofluoromethane (Surr)	101		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		63-144
2037-26-5	Toluene-d8 (Surr)	104		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Artesia-MW-37-10112021 RA Lab Sample ID: 860-13548-21 RA

Matrix: Water Lab File ID: E10202114.D

Analysis Method: 8260C Date Collected: 10/11/2021 17:35

Sample wt/vol: 5(mL) Date Analyzed: 10/20/2021 13:00

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 27279 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
91-20-3	Naphthalene	0.00227	J	0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	105		74-124
1868-53-7	Dibromofluoromethane (Surr)	100		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		63-144
2037-26-5	Toluene-d8 (Surr)	106		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Artesia-TB02-10122021 Lab Sample ID: 860-13548-22

Matrix: Water Lab File ID: T18116.D

Analysis Method: 8260C Date Collected: 10/12/2021 08:00

Sample wt/vol: 5(mL) Date Analyzed: 10/16/2021 01:35

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 26856 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.0000433	U	0.000200	0.0000433
71-43-2	Benzene	0.0000429	U	0.000200	0.0000429
75-34-3	1,1-Dichloroethane	0.0000489	U	0.000200	0.0000489
127-18-4	Tetrachloroethene	0.000100	U	0.000200	0.000100
91-20-3	Naphthalene	0.000400	U	0.00200	0.000400

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	106		74-124
1868-53-7	Dibromofluoromethane (Surr)	110		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		63-144
2037-26-5	Toluene-d8 (Surr)	100		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Artesia-MW36-10122021 Lab Sample ID: 860-13548-23

Matrix: Water Lab File ID: A10192113.D

Analysis Method: 8260C Date Collected: 10/12/2021 10:25

Sample wt/vol: 5(mL) Date Analyzed: 10/19/2021 11:07

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 27074 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.000216	U	0.00100	0.000216
71-43-2	Benzene	0.00126		0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.0116		0.00100	0.000244
127-18-4	Tetrachloroethene	0.00602		0.00100	0.000500
91-20-3	Naphthalene	0.00200	U	0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	90		74-124
1868-53-7	Dibromofluoromethane (Surr)	96		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		63-144
2037-26-5	Toluene-d8 (Surr)	101		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Artesia-MW38-10122021 Lab Sample ID: 860-13548-24

Matrix: Water Lab File ID: E10192165.D

Analysis Method: 8260C Date Collected: 10/12/2021 09:20

Sample wt/vol: 5(mL) Date Analyzed: 10/20/2021 06:04

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 27209 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.00171		0.00100	0.000216
71-43-2	Benzene	0.00101		0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.0708		0.00100	0.000244
127-18-4	Tetrachloroethene	0.00365		0.00100	0.000500

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	105		74-124
1868-53-7	Dibromofluoromethane (Surr)	100		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		63-144
2037-26-5	Toluene-d8 (Surr)	105		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Artesia-MW38-10122021 RA Lab Sample ID: 860-13548-24 RA

Matrix: Water Lab File ID: E10202118.D

Analysis Method: 8260C Date Collected: 10/12/2021 09:20

Sample wt/vol: 5(mL) Date Analyzed: 10/20/2021 14:22

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 27279 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
91-20-3	Naphthalene	0.00200	U	0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	103		74-124
1868-53-7	Dibromofluoromethane (Surr)	101		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		63-144
2037-26-5	Toluene-d8 (Surr)	105		80-117

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1 Analy Batch No.: 26911

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/19/2021 08:52 Calibration End Date: 10/19/2021 10:55 Calibration ID: 1808

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-26911/2	E10192103.D
Level 2	IC 860-26911/3	E10192104.D
Level 3	IC 860-26911/4	E10192105.D
Level 4	IC 860-26911/5	E10192106.D
Level 5	ICIS 860-26911/6	E10192107.D
Level 6	IC 860-26911/7	E10192108.D
Level 7	IC 860-26911/8	E10192109.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Propene	+++++ 0.2618	0.4337 0.2501	0.3214	0.2715	0.2561	Lin1	0.8486	0.2459				4.9			0.9990		0.9900
Dichlorodifluoromethane	0.2090 0.3789	0.3037 0.3867	0.3041	0.3419	0.3535	Ave		0.3254				18.7		20.0			
Chloromethane	0.3484 0.5218	0.4691 0.5163	0.4562	0.5018	0.5135	Ave		0.4753				12.9		20.0			
Vinyl chloride	0.3148 0.4934	0.4403 0.4897	0.4299	0.4632	0.4899	Ave		0.4459				14.1		20.0			
1,3-Butadiene	+++++ 0.4089	0.3528 0.4097	0.3405	0.3665	0.3934	Ave		0.3786				7.8		20.0			
Ethylene oxide	+++++ 0.0641	0.0662 0.0580	0.0640	0.0611	0.0733	Ave		0.0645				8.1		20.0			
Bromomethane	0.3406 0.3923	0.4271 0.3805	0.3943	0.4054	0.3950	Ave		0.3908				6.8		20.0			
Chloroethane	0.2156 0.3004	0.2693 0.2973	0.2654	0.2885	0.2992	Ave		0.2765				11.0		20.0			
Trichlorofluoromethane	+++++ 0.6279	0.5129 0.6350	0.4997	0.5725	0.6016	Ave		0.5749				10.0		20.0			
Isopropyl alcohol	0.0237 0.0309	0.0261 0.0296	0.0291	0.0274	0.0303	Ave		0.0282				9.2		20.0			
Acrolein	0.0604 0.0667	0.0614 0.0668	0.0675	0.0612	0.0714	Ave		0.0650				6.3		20.0			
1,1-Dichloroethene	0.2233 0.3808	0.2804 0.3614	0.2851	0.3269	0.3415	Ave		0.3142				17.3		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.1529 0.2987	0.2292 0.2950	0.2264	0.2622	0.2751	Lin1	-0.221	0.2919				15.0			0.9980		0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1 Analy Batch No.: 26911

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/19/2021 08:52 Calibration End Date: 10/19/2021 10:55 Calibration ID: 1808

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Acetone	0.0603 0.0399	0.0446 0.0400	0.0442	0.0392	0.0450	Ave		0.0447				16.3		20.0			
Iodomethane (Methyl Iodide)	+++++ 0.5299	0.1465 0.5490	0.2058	0.3326	0.4338	Lin1	-2.841	0.5446				19.5			0.9910		0.9900
Carbon disulfide	0.7676 1.3108	1.0218 1.2379	1.0099	1.1478	1.1986	Ave		1.0992				16.6		20.0			
Acetonitrile	+++++ 0.0407	0.0405 0.0408	0.0401	0.0382	0.0425	Ave		0.0405				3.4		20.0			
Allyl Chloride (3-Chloropropene)	0.1559 0.2708	0.2325 0.2655	0.2173	0.2436	0.2481	Ave		0.2334				16.6		20.0			
Methyl acetate	+++++ 0.3825	0.3628 0.3825	0.4042	0.3525	0.4139	Ave		0.3831				6.1		20.0			
Methylene Chloride	0.4075 0.5026	0.4567 0.4779	0.4299	0.4542	0.4731	Ave		0.4574				6.9		20.0			
tert-Butyl alcohol	0.0607 0.0472	0.0476 0.0465	0.0574	0.0450	0.0557	Ave		0.0515				12.2		20.0			
Acrylonitrile	0.1579 0.1838	0.1795 0.1826	0.1904	0.1750	0.2000	Ave		0.1813				7.2		20.0			
trans-1,2-Dichloroethene	0.2310 0.4462	0.3507 0.4287	0.3492	0.3906	0.4128	Ave		0.3727				19.5		20.0			
MTBE	1.0202 1.4704	1.3634 1.4150	1.4016	1.3569	1.4914	Ave		1.3598				11.6		20.0			
n-Hexane	0.2977 0.5401	0.4227 0.5390	0.4378	0.4859	0.5128	Ave		0.4623				18.6		20.0			
1,1-Dichloroethane	0.5398 0.9114	0.7373 0.8573	0.7322	0.8035	0.8399	Ave		0.7745				15.7		20.0			
Vinyl acetate	+++++ 1.3732	1.2937 1.3110	1.3412	1.3068	1.4218	Ave		1.3413				3.6		20.0			
Isopropyl ether	1.0865 1.7551	1.4944 1.6687	1.5033	1.6058	1.6879	Ave		1.5431				14.4		20.0			
Chloroprene	0.4937 0.7327	0.5702 0.6995	0.5769	0.6517	0.6835	Ave		0.6297				13.5		20.0			
Ethyl tert-butyl ether	1.0770 1.6527	1.4662 1.5981	1.4742	1.5283	1.6070	Ave		1.4862				13.0		20.0			
2,2-Dichloropropane	0.5059 0.7406	0.5905 0.7079	0.5819	0.6663	0.6821	Ave		0.6393				12.9		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1 Analy Batch No.: 26911

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/19/2021 08:52 Calibration End Date: 10/19/2021 10:55 Calibration ID: 1808

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
cis-1,2-Dichloroethene	0.5080 0.8369	0.6936 0.7942	0.6772	0.7501	0.7763	Ave		0.7195				15.1		20.0			
2-Butanone	0.0506 0.0528	0.0527 0.0536	0.0574	0.0515	0.0597	Ave		0.0540				6.1		20.0			
Propane Nitrile (Propionitrile)	0.0651 0.0686	0.0702 0.0685	0.0732	0.0657	0.0770	Ave		0.0698				6.0		20.0			
Bromochloromethane	0.2302 0.3626	0.3110 0.3473	0.3144	0.3243	0.3395	Ave		0.3185				13.5		20.0			
Methacrylonitrile	0.1668 0.2092	0.2018 0.2061	0.2119	0.1962	0.2239	Ave		0.2023				8.8		20.0			
Tetrahydrofuran	0.1814 0.1502	0.1612 0.1504	0.1590	0.1437	0.1692	Ave		0.1593				8.1		20.0			
Chloroform	0.5489 0.9042	0.7436 0.8565	0.7394	0.8045	0.8451	Ave		0.7775				15.1		20.0			
1,1,1-Trichloroethane	0.4769 0.7327	0.5900 0.7030	0.5867	0.6557	0.6832	Ave		0.6326				13.9		20.0			
Cyclohexane	+++++ 0.5533	0.6970 0.5448	0.5652	0.5356	0.5306	Ave		0.5711				11.0		20.0			
1,1-Dichloropropene	0.3785 0.6289	0.4944 0.6032	0.4914	0.5472	0.5732	Ave		0.5310				15.9		20.0			
Carbon tetrachloride	0.3416 0.6032	0.4656 0.5801	0.4509	0.5264	0.5561	Ave		0.5034				18.0		20.0			
Isobutanol	+++++ 0.0137	0.0128 0.0135	0.0152	0.0127	0.0153	Ave		0.0139				8.3		20.0			
Benzene	0.8179 1.2692	1.0435 1.2151	1.0335	1.1411	1.1804	Ave		1.1001				13.7		20.0			
1,2-Dichloroethane	0.3391 0.5002	0.4401 0.4809	0.4477	0.4551	0.4836	Ave		0.4495				11.9		20.0			
2,2,4-Trimethylpentane	0.4506 0.7290	0.6162 0.7415	0.6635	0.6834	0.7217	Ave		0.6580				15.4		20.0			
Tert-amyl methyl ether	0.6683 0.9556	0.8578 0.9260	0.8789	0.8755	0.9479	Ave		0.8729				11.2		20.0			
n-Butanol	0.0151 0.0178	0.0157 0.0180	0.0193	0.0161	0.0209	Ave		0.0176				11.8		20.0			
Trichloroethene	0.1830 0.3147	0.2479 0.3026	0.2460	0.2719	0.2866	Ave		0.2647				16.7		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1 Analy Batch No.: 26911

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/19/2021 08:52 Calibration End Date: 10/19/2021 10:55 Calibration ID: 1808

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Methylcyclohexane	0.3072 0.4387	0.3419 0.4448	0.3637	0.3951	0.4149	Ave		0.3866				13.3		20.0			
1,2-Dichloropropane	0.2270 0.3830	0.3192 0.3692	0.3240	0.3447	0.3598	Ave		0.3324				15.6		20.0			
Dibromomethane	0.1636 0.2253	0.1884 0.2195	0.2026	0.2059	0.2210	Ave		0.2037				10.7		20.0			
Methyl methacrylate	0.1897 0.2477	0.2265 0.2447	0.2433	0.2277	0.2605	Ave		0.2343				9.8		20.0			
1,4-Dioxane (P-Dioxane)	+++++ 0.0029	0.0028 0.0031	0.0030	0.0026	0.0028	Ave		0.0029				6.6		20.0			
Bromodichloromethane	0.2993 0.4742	0.4102 0.4549	0.3891	0.4287	0.4456	Ave		0.4146				14.0		20.0			
2-Chloroethyl vinyl ether	0.1341 0.2016	0.1718 0.2028	0.1924	0.1793	0.2046	Ave		0.1838				13.7		20.0			
cis-1,3-Dichloropropene	0.3756 0.6029	0.4988 0.5783	0.5028	0.5410	0.5635	Ave		0.5233				14.4		20.0			
4-Methyl-2-pentanone	0.2601 0.3187	0.3077 0.3162	0.3403	0.3028	0.3533	Ave		0.3142				9.5		20.0			
Toluene	0.5567 0.8772	0.7296 0.8368	0.7208	0.7836	0.8157	Ave		0.7601				13.9		20.0			
trans-1,3-Dichloropropene	0.4080 0.6328	0.5489 0.6035	0.5668	0.5744	0.6155	Ave		0.5643				13.3		20.0			
Ethyl methacrylate	0.3352 0.5196	0.4868 0.5086	0.4947	0.4847	0.5400	Ave		0.4814				14.0		20.0			
1,1,2-Trichloroethane	0.2403 0.3060	0.2793 0.2938	0.2864	0.2832	0.3060	Ave		0.2850				7.8		20.0			
Tetrachloroethene	0.1449 0.2774	0.2247 0.2694	0.2213	0.2459	0.2631	Ave		0.2353				19.2		20.0			
1,3-Dichloropropane	0.3914 0.5757	0.5313 0.5519	0.5332	0.5368	0.5800	Ave		0.5286				12.0		20.0			
2-Hexanone	0.2027 0.2441	0.2401 0.2413	0.2676	0.2348	0.2793	Ave		0.2443				10.0		20.0			
Dibromochloromethane	0.2723 0.4059	0.3442 0.3882	0.3628	0.3660	0.3983	Ave		0.3625				12.5		20.0			
1,2-Dibromoethane	0.2609 0.3571	0.3279 0.3476	0.3441	0.3331	0.3638	Ave		0.3335				10.3		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1 Analy Batch No.: 26911

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/19/2021 08:52 Calibration End Date: 10/19/2021 10:55 Calibration ID: 1808

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1-Chlorohexane	+++++ 0.3317	0.3505 0.3232	0.3111	0.3064	0.3159	Ave		0.3231				5.0		20.0			
Chlorobenzene	0.6053 0.9922	0.8501 0.9432	0.8223	0.9048	0.9336	Ave		0.8645				14.8		20.0			
1,1,1,2-Tetrachloroethane	0.2378 0.3794	0.3267 0.3635	0.3195	0.3434	0.3633	Ave		0.3334				14.2		20.0			
Ethylbenzene	0.9814 1.6493	1.3446 1.5734	1.3416	1.4916	1.5553	Ave		1.4196				15.8		20.0			
m,p-Xylenes	0.7202 1.3067	1.0208 1.2398	1.0376	1.1574	1.2144	Ave		1.0996				17.9		20.0			
o-Xylene	0.8610 1.3703	1.1120 1.3095	1.1130	1.2267	1.2806	Ave		1.1819				14.5		20.0			
Styrene	0.6846 1.0910	0.8974 1.0397	0.8943	0.9797	1.0206	Ave		0.9439				14.3		20.0			
Bromoform	0.1724 0.2667	0.2311 0.2605	0.2424	0.2403	0.2681	Ave		0.2402				13.8		20.0			
Isopropylbenzene	0.9144 1.5265	1.2314 1.4665	1.2381	1.3596	1.4406	Ave		1.3110				15.8		20.0			
Cyclohexanone	0.0115 0.0114	0.0103 0.0112	0.0130	0.0106	0.0128	Ave		0.0115				8.7		20.0			
1,1,2,2-Tetrachloroethane	0.6643 0.8148	0.7755 0.8132	0.8322	0.7792	0.8667	Ave		0.7923				8.1		20.0			
Bromobenzene	0.5625 0.8758	0.7579 0.8649	0.7606	0.8078	0.8491	Ave		0.7827				13.8		20.0			
1,2,3-Trichloropropane	0.8635 1.0401	0.9485 1.0474	1.1105	0.9848	1.1274	Ave		1.0175				9.1		20.0			
trans-1,4-Dichloro-2-butene	0.2540 0.2526	0.2457 0.2592	0.2633	0.2396	0.2741	Ave		0.2555				4.5		20.0			
N-Propylbenzene	2.2277 3.6689	3.0846 3.6175	3.1530	3.3692	3.5471	Ave		3.2383				15.4		20.0			
2-Chlorotoluene	1.6085 2.6358	2.2529 2.6068	2.2405	2.4343	2.5468	Ave		2.3322				15.3		20.0			
4-Ethyltoluene	1.8424 2.9334	2.4674 2.9047	2.4564	2.7065	2.8236	Ave		2.5906				14.8		20.0			
1,3,5-Trimethylbenzene	1.5750 2.6314	2.3459 2.6167	2.3378	2.4928	2.5791	Ave		2.3684				15.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1 Analy Batch No.: 26911

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/19/2021 08:52 Calibration End Date: 10/19/2021 10:55 Calibration ID: 1808

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
4-Chlorotoluene	1.6738 2.6954	2.2945 2.6502	2.2947	2.5007	2.6008	Ave		2.3872				14.8		20.0			
tert-Butylbenzene	1.3128 2.1429	1.7994 2.1229	1.8498	1.9682	2.0694	Ave		1.8951				15.2		20.0			
1,2,4-Trimethylbenzene	1.7940 2.7185	2.3127 2.6847	2.3855	2.5411	2.6411	Ave		2.4397				13.2		20.0			
sec-Butylbenzene	1.9488 3.0269	2.5791 3.0380	2.6763	2.7898	2.9626	Ave		2.7174				14.1		20.0			
1,3-Dichlorobenzene	0.9398 1.5057	1.2663 1.5087	1.3021	1.3974	1.4648	Ave		1.3407				15.0		20.0			
p-Cymene (p-Isopropyltoluene)	1.6378 2.5760	2.1978 2.5861	2.2891	2.4258	2.5183	Ave		2.3187				14.4		20.0			
1,4-Dichlorobenzene	1.0251 1.5220	1.3245 1.5189	1.3537	1.4183	1.4855	Ave		1.3783				12.6		20.0			
Dicyclopentadiene	2.0280 3.3175	2.8956 3.2735	2.9574	3.1487	3.2803	Ave		2.9859				15.2		20.0			
Benzyl chloride	0.1869 0.2479	0.2377 0.2543	0.2471	0.2261	0.2633	Ave		0.2376				10.6		20.0			
n-Butylbenzene	1.4913 2.4115	2.0135 2.4489	2.1487	2.2454	2.3747	Ave		2.1620				15.4		20.0			
1,2-Dichlorobenzene	0.8501 1.3989	1.2342 1.3910	1.2605	1.3004	1.3768	Ave		1.2589				15.2		20.0			
1,2-Dibromo-3-Chloropropane	0.0752 0.1241	0.1119 0.1243	0.1228	0.1105	0.1318	Ave		0.1144				16.5		20.0			
1,2,4-Trichlorobenzene	0.4359 0.6646	0.4893 0.6600	0.6185	0.5570	0.6736	Ave		0.5855				16.1		20.0			
Hexachlorobutadiene	0.1905 0.3384	0.2646 0.3403	0.3093	0.3032	0.3331	Ave		0.2971				18.2		20.0			
Naphthalene	0.7774 1.0386	0.7930 1.0148	1.0628	0.8699	1.1199	Ave		0.9538				14.5		20.0			
1,2,3-Trichlorobenzene	+++++ 0.3836	0.2731 0.3677	0.3745	0.3075	0.4014	Ave		0.3513				14.2		20.0			
2-Methylnaphthalene	+++++ 0.1653	0.0709 0.1602	0.1456	0.1062	0.1666	Lin1	-0.468	0.1652				15.1			0.9920		0.9900
1-Methylnaphthalene	+++++ 0.1198	0.0523 0.1168	0.1204	0.0792	0.1214	Lin1	-0.290	0.1199				18.0			0.9900		0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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CURVE EVALUATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1 Analy Batch No.: 26911

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/19/2021 08:52 Calibration End Date: 10/19/2021 10:55 Calibration ID: 1808

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dibromofluoromethane (Surr)	0.4959 0.5012	0.5003 0.5002	0.5006	0.4957	0.5009	Ave		0.4993				0.5		20.0			
1,2-Dichloroethane-d4 (Surr)	0.3972 0.3898	0.3981 0.3931	0.4059	0.3915	0.3997	Ave		0.3965				1.4		20.0			
Toluene-d8 (Surr)	1.4484 1.4134	1.4384 1.3995	1.4415	1.4261	1.4355	Ave		1.4290				1.2		20.0			
4-Bromofluorobenzene (Surr)	1.1247 1.0833	1.1081 1.1028	1.1034	1.1062	1.1050	Ave		1.1048				1.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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FORM VI
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RESPONSE AND CONCENTRATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1 Analy Batch No.: 26911

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/19/2021 08:52 Calibration End Date: 10/19/2021 10:55 Calibration ID: 1808

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-26911/2	E10192103.D
Level 2	IC 860-26911/3	E10192104.D
Level 3	IC 860-26911/4	E10192105.D
Level 4	IC 860-26911/5	E10192106.D
Level 5	ICIS 860-26911/6	E10192107.D
Level 6	IC 860-26911/7	E10192108.D
Level 7	IC 860-26911/8	E10192109.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Propene	PFB	Lin1	+++++ 278753	23918 401024	35659	73655	139800	+++++ 100	5.00 150	10.0	25.0	50.0
Dichlorodifluoromethane	PFB	Ave	2325 403368	16745 619940	33742	92737	192922	1.00 100	5.00 150	10.0	25.0	50.0
Chloromethane	PFB	Ave	3876 555498	25868 827677	50616	136141	280256	1.00 100	5.00 150	10.0	25.0	50.0
Vinyl chloride	PFB	Ave	3502 525332	24282 785075	47695	125664	267361	1.00 100	5.00 150	10.0	25.0	50.0
1,3-Butadiene	PFB	Ave	+++++ 435287	19454 656797	37776	99427	214708	+++++ 100	5.00 150	10.0	25.0	50.0
Ethylene oxide	PFB	Ave	+++++ 341140	18261 465330	35500	82808	200157	+++++ 500	25.0 750	50.0	125	250
Bromomethane	PFB	Ave	3789 417643	23554 610040	43752	109978	215598	1.00 100	5.00 150	10.0	25.0	50.0
Chloroethane	PFB	Ave	2398 319806	14849 476568	29445	78259	163292	1.00 100	5.00 150	10.0	25.0	50.0
Trichlorofluoromethane	PFB	Ave	+++++ 668448	28285 1018012	55440	155297	328333	+++++ 100	5.00 150	10.0	25.0	50.0
Isopropyl alcohol	PFB	Ave	2636 329454	14389 473766	32314	74298	165552	10.0 1000	50.0 1500	100	250	500
Acrolein	PFB	Ave	3357 354834	16919 535860	37443	83059	194805	5.00 500	25.0 750	50.0	125	250
1,1-Dichloroethene	PFB	Ave	2484 405360	15461 579389	31632	88684	186407	1.00 100	5.00 150	10.0	25.0	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	PFB	Lin1	1701 317970	12641 472945	25118	71137	150154	1.00 100	5.00 150	10.0	25.0	50.0

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Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1 Analy Batch No.: 26911

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

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ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Acetone	PFB	Ave	3354 212296	12286 320613	24541	53211	122772	5.00 500	25.0 750	50.0	125	250
Iodomethane (Methyl Iodide)	PFB	Lin1	+++++ 564136	8080 880090	22831	90227	236779	+++++ 100	5.00 150	10.0	25.0	50.0
Carbon disulfide	PFB	Ave	8539 1395547	56346 1984625	112050	311380	654166	1.00 100	5.00 150	10.0	25.0	50.0
Acetonitrile	PFB	Ave	+++++ 433151	22358 654845	44484	103756	232156	+++++ 1000	50.0 1500	100	250	500
Allyl Chloride (3-Chloropropene)	PFB	Ave	1734 288262	12823 425632	24110	66085	135437	1.00 100	5.00 150	10.0	25.0	50.0
Methyl acetate	PFB	Ave	+++++ 814449	40015 1226473	89689	191227	451828	+++++ 200	10.0 300	20.0	50.0	100
Methylene Chloride	PFB	Ave	4533 535102	25183 766137	47701	123222	258231	1.00 100	5.00 150	10.0	25.0	50.0
tert-Butyl alcohol	PFB	Ave	6747 502906	26243 746056	63736	122082	304042	10.0 1000	50.0 1500	100	250	500
Acrylonitrile	PFB	Ave	17565 1956534	98964 2927972	211273	474831	1091848	10.0 1000	50.0 1500	100	250	500
trans-1,2-Dichloroethene	PFB	Ave	2570 475090	19338 687225	38744	105948	225309	1.00 100	5.00 150	10.0	25.0	50.0
MTBE	PFB	Ave	11349 1565389	75184 2268545	155506	368103	813974	1.00 100	5.00 150	10.0	25.0	50.0
n-Hexane	PFB	Ave	3312 574996	23309 864162	48575	131808	279882	1.00 100	5.00 150	10.0	25.0	50.0
1,1-Dichloroethane	PFB	Ave	6005 970271	40659 1374521	81242	217960	458433	1.00 100	5.00 150	10.0	25.0	50.0
Vinyl acetate	PFB	Ave	+++++ 7309532	356717 10508744	743998	1772506	3880004	+++++ 500	25.0 750	50.0	125	250
Isopropyl ether	PFB	Ave	12086 1868553	82410 2675380	166784	435616	921223	1.00 100	5.00 150	10.0	25.0	50.0
Chloroprene	PFB	Ave	5492 780025	31444 1121418	64001	176789	373048	1.00 100	5.00 150	10.0	25.0	50.0
Ethyl tert-butyl ether	PFB	Ave	11981 1759470	80855 2562051	163563	414584	877074	1.00 100	5.00 150	10.0	25.0	50.0
2,2-Dichloropropane	PFB	Ave	5628 788494	32565 1134918	64563	180761	372290	1.00 100	5.00 150	10.0	25.0	50.0

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RESPONSE AND CONCENTRATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1 Analy Batch No.: 26911

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/19/2021 08:52 Calibration End Date: 10/19/2021 10:55 Calibration ID: 1808

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
cis-1,2-Dichloroethene	PFB	Ave	5651 890956	38249 1273217	75129	203496	423694	1.00 100	5.00 150	10.0	25.0	50.0
2-Butanone	PFB	Ave	2813 280898	14525 429686	31845	69848	162826	5.00 500	25.0 750	50.0	125	250
Propane Nitrile (Propionitrile)	PFB	Ave	7244 730863	38706 1098632	81242	178203	420277	10.0 1000	50.0 1500	100	250	500
Bromochloromethane	PFB	Ave	2561 386041	17152 556850	34884	87989	185274	1.00 100	5.00 150	10.0	25.0	50.0
Methacrylonitrile	PFB	Ave	18554 2227533	111305 3304644	235117	532237	1222059	10.0 1000	50.0 1500	100	250	500
Tetrahydrofuran	PFB	Ave	4036 319727	17780 482105	35272	77946	184719	2.00 200	10.0 300	20.0	50.0	100
Chloroform	PFB	Ave	6106 962628	41006 1373191	82037	218247	461227	1.00 100	5.00 150	10.0	25.0	50.0
1,1,1-Trichloroethane	PFB	Ave	5305 780088	32535 1127076	65098	177876	372863	1.00 100	5.00 150	10.0	25.0	50.0
Cyclohexane	PFB	Ave	+++++ 589070	38437 873449	62706	145300	289610	+++++ 100	5.00 150	10.0	25.0	50.0
1,1-Dichloropropene	PFB	Ave	4211 669539	27264 966997	54525	148434	312827	1.00 100	5.00 150	10.0	25.0	50.0
Carbon tetrachloride	PFB	Ave	3800 642144	25674 930006	50024	142788	303525	1.00 100	5.00 150	10.0	25.0	50.0
Isobutanol	DFBZ	Ave	+++++ 551641	26806 816900	63629	129130	316226	+++++ 2480	124 3720	248	620	1240
Benzene	DFBZ	Ave	13784 2059789	87890 2960548	174266	468889	982277	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dichloroethane	DFBZ	Ave	5715 811692	37071 1171722	75486	187019	402435	1.00 100	5.00 150	10.0	25.0	50.0
2,2,4-Trimethylpentane	DFBZ	Ave	7595 1183067	51902 1806592	111869	280815	600552	1.00 100	5.00 150	10.0	25.0	50.0
Tert-amyl methyl ether	DFBZ	Ave	11263 1550730	72245 2256260	148202	359754	788810	1.00 100	5.00 150	10.0	25.0	50.0
n-Butanol	DCBd 4	Ave	2515 309493	13201 458265	32747	67731	177436	24.8 2480	124 3720	248	620	1240
Trichloroethene	DFBZ	Ave	3084	20877	41476	111736	238510	1.00	5.00	10.0	25.0	50.0

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RESPONSE AND CONCENTRATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1 Analy Batch No.: 26911

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/19/2021 08:52 Calibration End Date: 10/19/2021 10:55 Calibration ID: 1808

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			510712	737204				100	150			
Methylcyclohexane	DFBZ	Ave	5177 711950	28793 1083754	61332	162345	345231	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dichloropropane	DFBZ	Ave	3825 621580	26884 899497	54627	141631	299380	1.00 100	5.00 150	10.0	25.0	50.0
Dibromomethane	DFBZ	Ave	2757 365548	15865 534784	34160	84588	183896	1.00 100	5.00 150	10.0	25.0	50.0
Methyl methacrylate	DFBZ	Ave	6395 804053	38155 1192458	82048	187163	433547	2.00 200	10.0 300	20.0	50.0	100
1,4-Dioxane (P-Dioxane)	DFBZ	Ave	+++++ 93046	4714 153044	10116	21243	46899	+++++ 2000	100 3000	200	500	1000
Bromodichloromethane	DFBZ	Ave	5045 769516	34548 1108378	65615	176176	370763	1.00 100	5.00 150	10.0	25.0	50.0
2-Chloroethyl vinyl ether	DFBZ	Ave	2260 327162	14470 494209	32434	73667	170291	1.00 100	5.00 150	10.0	25.0	50.0
cis-1,3-Dichloropropene	DFBZ	Ave	6330 978337	42011 1408963	84781	222308	468915	1.00 100	5.00 150	10.0	25.0	50.0
4-Methyl-2-pentanone	DFBZ	Ave	21917 2586267	129597 3852161	286856	622080	1469903	5.00 500	25.0 750	50.0	125	250
Toluene	CBNZ d5	Ave	8082 1262686	52782 1824712	104747	280941	589965	1.00 100	5.00 150	10.0	25.0	50.0
trans-1,3-Dichloropropene	CBNZ d5	Ave	5923 910960	39706 1315929	82371	205951	445113	1.00 100	5.00 150	10.0	25.0	50.0
Ethyl methacrylate	CBNZ d5	Ave	4866 747910	35214 1109105	71896	173767	390508	1.00 100	5.00 150	10.0	25.0	50.0
1,1,2-Trichloroethane	CBNZ d5	Ave	3489 440481	20205 640587	41626	101546	221302	1.00 100	5.00 150	10.0	25.0	50.0
Tetrachloroethene	CBNZ d5	Ave	2104 399257	16257 587510	32165	88170	190274	1.00 100	5.00 150	10.0	25.0	50.0
1,3-Dichloropropane	CBNZ d5	Ave	5682	38438	77482	192471	419447	1.00	5.00	10.0	25.0	50.0

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1 Analy Batch No.: 26911

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/19/2021 08:52 Calibration End Date: 10/19/2021 10:55 Calibration ID: 1808

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			828672	1203434				100	150			
2-Hexanone	CBNZ d5	Ave	14714 1757023	86863 2630457	194473	420883	1009847	5.00 500	25.0 750	50.0	125	250
Dibromochloromethane	CBNZ d5	Ave	3953 584283	24900 846439	52721	131225	288061	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dibromoethane	CBNZ d5	Ave	3787 514102	23724 758026	50006	119412	263115	1.00 100	5.00 150	10.0	25.0	50.0
1-Chlorohexane	CBNZ d5	Ave	+++++ 477447	25354 704671	45207	109840	228496	+++++ 100	5.00 150	10.0	25.0	50.0
Chlorobenzene	CBNZ d5	Ave	8787 1428281	61497 2056853	119493	324394	675181	1.00 100	5.00 150	10.0	25.0	50.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	3452 546096	23635 792599	46430	123112	262774	1.00 100	5.00 150	10.0	25.0	50.0
Ethylbenzene	CBNZ d5	Ave	14248 2374148	97273 3431039	194959	534784	1124856	1.00 100	5.00 150	10.0	25.0	50.0
m,p-Xylenes	CBNZ d5	Ave	10456 1880952	73847 2703627	150794	414973	878245	1.00 100	5.00 150	10.0	25.0	50.0
o-Xylene	CBNZ d5	Ave	12500 1972569	80444 2855442	161748	439801	926129	1.00 100	5.00 150	10.0	25.0	50.0
Styrene	CBNZ d5	Ave	9939 1570449	64922 2267286	129960	351245	738098	1.00 100	5.00 150	10.0	25.0	50.0
Bromoform	CBNZ d5	Ave	2503 383935	16716 568124	35225	86158	193912	1.00 100	5.00 150	10.0	25.0	50.0
Isopropylbenzene	CBNZ d5	Ave	13275	89078	179931	487458	1041868	1.00	5.00	10.0	25.0	50.0

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FORM VI
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RESPONSE AND CONCENTRATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1 Analy Batch No.: 26911

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/19/2021 08:52 Calibration End Date: 10/19/2021 10:55 Calibration ID: 1808

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			2197414	3197809				100	150			
Cyclohexanone	CBNZ d5	Ave	8318 819641	37280 1222057	94097	190296	462117	50.0 5000	250 7500	500	1250	2500
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	4464 569952	26235 834751	57004	132295	297401	1.00 100	5.00 150	10.0	25.0	50.0
Bromobenzene	DCBd 4	Ave	3780 612589	25639 887868	52099	137156	291364	1.00 100	5.00 150	10.0	25.0	50.0
1,2,3-Trichloropropane	DCBd 4	Ave	5802 727550	32086 1075128	76064	167219	386848	1.00 100	5.00 150	10.0	25.0	50.0
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	1707 176711	8311 266092	18035	40675	94059	1.00 100	5.00 150	10.0	25.0	50.0
N-Propylbenzene	DCBd 4	Ave	14969 2566289	104346 3713354	215974	572066	1217117	1.00 100	5.00 150	10.0	25.0	50.0
2-Chlorotoluene	DCBd 4	Ave	10808 1843675	76210 2675920	153470	413330	873881	1.00 100	5.00 150	10.0	25.0	50.0
4-Ethyltoluene	DCBd 4	Ave	12380 2051815	83467 2981623	168253	459535	968871	1.00 100	5.00 150	10.0	25.0	50.0
1,3,5-Trimethylbenzene	DCBd 4	Ave	10583 1840586	79359 2686008	160129	423263	884970	1.00 100	5.00 150	10.0	25.0	50.0
4-Chlorotoluene	DCBd 4	Ave	11247 1885353	77619 2720476	157180	424596	892412	1.00 100	5.00 150	10.0	25.0	50.0
tert-Butylbenzene	DCBd 4	Ave	8821 1498882	60871 2179183	126709	334183	710069	1.00 100	5.00 150	10.0	25.0	50.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	12055	78235	163402	431456	906227	1.00	5.00	10.0	25.0	50.0

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FORM VI
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RESPONSE AND CONCENTRATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1 Analy Batch No.: 26911

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/19/2021 08:52 Calibration End Date: 10/19/2021 10:55 Calibration ID: 1808

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			1901533	2755812				100	150			
sec-Butylbenzene	DCBd 4	Ave	13095 2117234	87247 3118484	183321	473679	1016572	1.00 100	5.00 150	10.0	25.0	50.0
1,3-Dichlorobenzene	DCBd 4	Ave	6315 1053195	42836 1548728	89190	237272	502629	1.00 100	5.00 150	10.0	25.0	50.0
p-Cymene (p-Isopropyltoluene)	DCBd 4	Ave	11005 1801841	74346 2654661	156799	411880	864109	1.00 100	5.00 150	10.0	25.0	50.0
1,4-Dichlorobenzene	DCBd 4	Ave	6888 1064612	44806 1559183	92724	240809	509735	1.00 100	5.00 150	10.0	25.0	50.0
Dicyclopentadiene	DCBd 4	Ave	13627 2320509	97954 3360221	202576	534623	1125585	1.00 100	5.00 150	10.0	25.0	50.0
Benzyl chloride	DCBd 4	Ave	1256 173371	8042 261072	16929	38386	90345	1.00 100	5.00 150	10.0	25.0	50.0
n-Butylbenzene	DCBd 4	Ave	10021 1686743	68113 2513744	147180	381253	814848	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dichlorobenzene	DCBd 4	Ave	5712 978514	41752 1427878	86343	220797	472416	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	505 86798	3785 127595	8413	18758	45226	1.00 100	5.00 150	10.0	25.0	50.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	2929 464835	16551 677452	42366	94568	231141	1.00 100	5.00 150	10.0	25.0	50.0
Hexachlorobutadiene	DCBd 4	Ave	1280 236691	8952 349353	21189	51476	114284	1.00 100	5.00 150	10.0	25.0	50.0
Naphthalene	DCBd 4	Ave	5224	26827	72798	147701	384283	1.00	5.00	10.0	25.0	50.0

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FORM VI
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RESPONSE AND CONCENTRATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1 Analy Batch No.: 26911

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/19/2021 08:52 Calibration End Date: 10/19/2021 10:55 Calibration ID: 1808

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			726443	1041700				100	150			
1,2,3-Trichlorobenzene	DCBd 4	Ave	+++++ 268299	9238 377398	25655	52212	137723	+++++ 100	5.00 150	10.0	25.0	50.0
2-Methylnaphthalene	DCBd 4	Lin1	+++++ 115647	2400 164425	9972	18036	57173	+++++ 100	5.00 150	10.0	25.0	50.0
1-Methylnaphthalene	DCBd 4	Lin1	+++++ 83823	1770 119845	8244	13440	41669	+++++ 100	5.00 150	10.0	25.0	50.0
Dibromofluoromethane (Surr)	PFB	Ave	275818 266790	275890 267302	277706	268952	273412	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	DFBZ	Ave	334713 316324	335326 319297	342164	321773	332645	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	1051358 1017281	1040546 1017272	1047389	1022587	1038176	50.0 50.0	50.0 50.0	50.0	50.0	50.0
4-Bromofluorobenzene (Surr)	DCBd 4	Ave	377854 378862	374862 377345	377894	375660	379147	50.0 50.0	50.0 50.0	50.0	50.0	50.0

Curve Type Legend
Ave = Average ISTD
Lin1 = Linear 1/conc ISTD

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1 Analy Batch No.: 27360

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/19/2021 08:52 Calibration End Date: 10/19/2021 10:55 Calibration ID: 1823

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-27360/2	E10192103.D
Level 2	IC 860-27360/3	E10192104X.D
Level 3	IC 860-27360/4	E10192105X.D
Level 4	IC 860-27360/5	E10192106X.D
Level 5	ICIS 860-27360/6	E10192107X.D
Level 6	IC 860-27360/7	E10192108X.D
Level 7	IC 860-27360/8	E10192109X.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Propene	1.2846 0.2618	0.4337 0.2501	0.3214	0.2715	0.2561	Lin1	0.9996	0.2433				9.3			0.9990		0.9900
Dichlorodifluoromethane	0.2090 0.3789	0.3037 0.3867	0.3041	0.3419	0.3535	Ave		0.3254				18.7		20.0			
Chloromethane	0.3484 0.5218	0.4691 0.5163	0.4562	0.5018	0.5135	Ave		0.4753				12.9		20.0			
Vinyl chloride	0.3148 0.4934	0.4403 0.4897	0.4299	0.4632	0.4899	Ave		0.4459				14.1		20.0			
1,3-Butadiene	0.2033 0.4089	0.3528 0.4097	0.3405	0.3665	0.3934	Lin1	-0.266	0.4059				8.9			0.9990		0.9900
Ethylene oxide	0.0219 0.0641	0.0662 0.0580	0.0640	0.0611	0.0733	Lin1	-0.116	0.0629				16.4			0.9920		0.9900
Bromomethane	0.3406 0.3923	0.4271 0.3805	0.3943	0.4054	0.3950	Ave		0.3908				6.8		20.0			
Chloroethane	0.2156 0.3004	0.2693 0.2973	0.2654	0.2885	0.2992	Ave		0.2765				11.0		20.0			
Trichlorofluoromethane	0.3210 0.6279	0.5129 0.6350	0.4997	0.5725	0.6016	Lin1	-0.443	0.6258				12.0			0.9990		0.9900
Acrolein	0.0604 0.0667	0.0614 0.0668	0.0675	0.0612	0.0714	Ave		0.0650				6.3		20.0			
1,1-Dichloroethene	0.2233 0.3808	0.2804 0.3614	0.2851	0.3269	0.3415	Ave		0.3142				17.3		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.1529 0.2987	0.2292 0.2950	0.2264	0.2622	0.2751	Lin1	-0.221	0.2919				15.0			0.9980		0.9900
Acetone	0.0603 0.0399	0.0446 0.0400	0.0442	0.0392	0.0450	Ave		0.0447				16.3		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1 Analy Batch No.: 27360

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/19/2021 08:52 Calibration End Date: 10/19/2021 10:55 Calibration ID: 1823

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Iodomethane (Methyl Iodide)	+++++ 0.5299	0.1465 0.5490	0.2058	0.3326	0.4338	Lin1	-2.841	0.5446				19.5			0.9910		0.9900
Carbon disulfide	0.7676 1.3108	1.0218 1.2379	1.0099	1.1478	1.1986	Ave		1.0992				16.6		20.0			
Isopropyl alcohol	0.0233 0.0281	0.0265 0.0275	0.0304	0.0262	0.0314	Ave		0.0276				9.8		20.0			
Acetonitrile	+++++ 0.0407	0.0405 0.0408	0.0401	0.0382	0.0425	Ave		0.0405				3.4		20.0			
Allyl Chloride (3-Chloropropene)	0.1559 0.2708	0.2325 0.2655	0.2173	0.2436	0.2481	Ave		0.2334				16.6		20.0			
Methyl acetate	+++++ 0.3825	0.3628 0.3825	0.4042	0.3525	0.4139	Ave		0.3831				6.1		20.0			
Methylene Chloride	0.4075 0.5026	0.4567 0.4779	0.4299	0.4542	0.4731	Ave		0.4574				6.9		20.0			
tert-Butyl alcohol	0.0607 0.0472	0.0476 0.0465	0.0574	0.0450	0.0557	Ave		0.0515				12.2		20.0			
Acrylonitrile	0.1579 0.1838	0.1795 0.1826	0.1904	0.1750	0.2000	Ave		0.1813				7.2		20.0			
trans-1,2-Dichloroethene	0.2310 0.4462	0.3507 0.4287	0.3492	0.3906	0.4128	Ave		0.3727				19.5		20.0			
MTBE	1.0202 1.4704	1.3634 1.4150	1.4016	1.3569	1.4914	Ave		1.3598				11.6		20.0			
n-Hexane	0.2977 0.5401	0.4227 0.5390	0.4378	0.4859	0.5128	Ave		0.4623				18.6		20.0			
1,1-Dichloroethane	0.5398 0.9114	0.7373 0.8573	0.7322	0.8035	0.8399	Ave		0.7745				15.7		20.0			
Vinyl acetate	1.0280 1.3732	1.2937 1.3110	1.3412	1.3068	1.4218	Ave		1.2965				9.8		20.0			
Isopropyl ether	1.0865 1.7551	1.4944 1.6687	1.5033	1.6058	1.6879	Ave		1.5431				14.4		20.0			
Chloroprene	0.4937 0.7327	0.5702 0.6995	0.5769	0.6517	0.6835	Ave		0.6297				13.5		20.0			
Ethyl tert-butyl ether	1.0770 1.6527	1.4662 1.5981	1.4742	1.5283	1.6070	Ave		1.4862				13.0		20.0			
2,2-Dichloropropane	0.5059 0.7406	0.5905 0.7079	0.5819	0.6663	0.6821	Ave		0.6393				12.9		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1 Analy Batch No.: 27360

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/19/2021 08:52 Calibration End Date: 10/19/2021 10:55 Calibration ID: 1823

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
cis-1,2-Dichloroethene	0.5080 0.8369	0.6936 0.7942	0.6772	0.7501	0.7763	Ave		0.7195				15.1		20.0			
2-Butanone	0.0506 0.0528	0.0527 0.0536	0.0574	0.0515	0.0597	Ave		0.0540				6.1		20.0			
Propane Nitrile (Propionitrile)	0.0651 0.0686	0.0702 0.0685	0.0732	0.0657	0.0770	Ave		0.0698				6.0		20.0			
Bromochloromethane	0.2302 0.3626	0.3110 0.3473	0.3144	0.3243	0.3395	Ave		0.3185				13.5		20.0			
Methacrylonitrile	0.1668 0.2092	0.2018 0.2061	0.2119	0.1962	0.2239	Ave		0.2023				8.8		20.0			
Tetrahydrofuran	0.1814 0.1502	0.1612 0.1504	0.1590	0.1437	0.1692	Ave		0.1593				8.1		20.0			
Chloroform	0.5489 0.9042	0.7436 0.8565	0.7394	0.8045	0.8451	Ave		0.7775				15.1		20.0			
1,1,1-Trichloroethane	0.4769 0.7327	0.5900 0.7030	0.5867	0.6557	0.6832	Ave		0.6326				13.9		20.0			
Cyclohexane	1.7607 0.5533	0.6970 0.5448	0.5652	0.5356	0.5306	Lin1	1.0792	0.5288				15.3			0.9980		0.9900
1,1-Dichloropropene	0.3785 0.6289	0.4944 0.6032	0.4914	0.5472	0.5732	Ave		0.5310				15.9		20.0			
Carbon tetrachloride	0.3416 0.6032	0.4656 0.5801	0.4509	0.5264	0.5561	Ave		0.5034				18.0		20.0			
Isobutanol	0.0134 0.0137	0.0128 0.0135	0.0152	0.0127	0.0153	Ave		0.0138				7.7		20.0			
Benzene	0.8179 1.2692	1.0435 1.2151	1.0335	1.1411	1.1804	Ave		1.1001				13.7		20.0			
1,2-Dichloroethane	0.3391 0.5002	0.4401 0.4809	0.4477	0.4551	0.4836	Ave		0.4495				11.9		20.0			
2,2,4-Trimethylpentane	0.4506 0.7290	0.6162 0.7415	0.6635	0.6834	0.7217	Ave		0.6580				15.4		20.0			
Tert-amyl methyl ether	0.6683 0.9556	0.8578 0.9260	0.8789	0.8755	0.9479	Ave		0.8729				11.2		20.0			
n-Butanol	0.0151 0.0178	0.0157 0.0180	0.0193	0.0161	0.0209	Ave		0.0176				11.8		20.0			
Trichloroethene	0.1830 0.3147	0.2479 0.3026	0.2460	0.2719	0.2866	Ave		0.2647				16.7		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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CURVE EVALUATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1 Analy Batch No.: 27360

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/19/2021 08:52 Calibration End Date: 10/19/2021 10:55 Calibration ID: 1823

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Methylcyclohexane	0.3072 0.4387	0.3419 0.4448	0.3637	0.3951	0.4149	Ave		0.3866				13.3		20.0			
1,2-Dichloropropane	0.2270 0.3830	0.3192 0.3692	0.3240	0.3447	0.3598	Ave		0.3324				15.6		20.0			
Dibromomethane	0.1636 0.2253	0.1884 0.2195	0.2026	0.2059	0.2210	Ave		0.2037				10.7		20.0			
Methyl methacrylate	0.1897 0.2477	0.2265 0.2447	0.2433	0.2277	0.2605	Ave		0.2343				9.8		20.0			
1,4-Dioxane (P-Dioxane)	+++++ 0.0029	0.0028 0.0031	0.0030	0.0026	0.0028	Ave		0.0029				6.6		20.0			
Bromodichloromethane	0.2993 0.4742	0.4102 0.4549	0.3891	0.4287	0.4456	Ave		0.4146				14.0		20.0			
2-Chloroethyl vinyl ether	0.1341 0.2016	0.1718 0.2028	0.1924	0.1793	0.2046	Ave		0.1838				13.7		20.0			
cis-1,3-Dichloropropene	0.3756 0.6029	0.4988 0.5783	0.5028	0.5410	0.5635	Ave		0.5233				14.4		20.0			
4-Methyl-2-pentanone	0.2601 0.3187	0.3077 0.3162	0.3403	0.3028	0.3533	Ave		0.3142				9.5		20.0			
Toluene	0.5567 0.8772	0.7296 0.8368	0.7208	0.7836	0.8157	Ave		0.7601				13.9		20.0			
trans-1,3-Dichloropropene	0.4080 0.6328	0.5489 0.6035	0.5668	0.5744	0.6155	Ave		0.5643				13.3		20.0			
Ethyl methacrylate	0.3352 0.5196	0.4868 0.5086	0.4947	0.4847	0.5400	Ave		0.4814				14.0		20.0			
1,1,2-Trichloroethane	0.2403 0.3060	0.2793 0.2938	0.2864	0.2832	0.3060	Ave		0.2850				7.8		20.0			
Tetrachloroethylene	0.1449 0.2774	0.2247 0.2694	0.2213	0.2459	0.2631	Ave		0.2353				19.2		20.0			
1,3-Dichloropropane	0.3914 0.5757	0.5313 0.5519	0.5332	0.5368	0.5800	Ave		0.5286				12.0		20.0			
2-Hexanone	0.2027 0.2441	0.2401 0.2413	0.2676	0.2348	0.2793	Ave		0.2443				10.0		20.0			
Dibromochloromethane	0.2723 0.4059	0.3442 0.3882	0.3628	0.3660	0.3983	Ave		0.3625				12.5		20.0			
1,2-Dibromoethane	0.2609 0.3571	0.3279 0.3476	0.3441	0.3331	0.3638	Ave		0.3335				10.3		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1 Analy Batch No.: 27360

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/19/2021 08:52 Calibration End Date: 10/19/2021 10:55 Calibration ID: 1823

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1-Chlorohexane	0.6975 0.3317	0.3505 0.3232	0.3111	0.3064	0.3159	Lin1	0.2957	0.3184				13.9			0.9980		0.9900
Chlorobenzene	0.6053 0.9922	0.8501 0.9432	0.8223	0.9048	0.9336	Ave		0.8645				14.8		20.0			
1,1,1,2-Tetrachloroethane	0.2378 0.3794	0.3267 0.3635	0.3195	0.3434	0.3633	Ave		0.3334				14.2		20.0			
Ethylbenzene	0.9814 1.6493	1.3446 1.5734	1.3416	1.4916	1.5553	Ave		1.4196				15.8		20.0			
m,p-Xylenes	0.7202 1.3067	1.0208 1.2398	1.0376	1.1574	1.2144	Ave		1.0996				17.9		20.0			
o-Xylene	0.8610 1.3703	1.1120 1.3095	1.1130	1.2267	1.2806	Ave		1.1819				14.5		20.0			
Styrene	0.6846 1.0910	0.8974 1.0397	0.8943	0.9797	1.0206	Ave		0.9439				14.3		20.0			
Bromoform	0.1724 0.2667	0.2311 0.2605	0.2424	0.2403	0.2681	Ave		0.2402				13.8		20.0			
Isopropylbenzene	0.9144 1.5265	1.2314 1.4665	1.2381	1.3596	1.4406	Ave		1.3110				15.8		20.0			
Cyclohexanone	0.0115 0.0114	0.0103 0.0112	0.0130	0.0106	0.0128	Ave		0.0115				8.7		20.0			
1,1,2,2-Tetrachloroethane	0.6643 0.8148	0.7755 0.8132	0.8322	0.7792	0.8667	Ave		0.7923				8.1		20.0			
Bromobenzene	0.5625 0.8758	0.7579 0.8649	0.7606	0.8078	0.8491	Ave		0.7827				13.8		20.0			
1,2,3-Trichloropropane	0.8635 1.0401	0.9485 1.0474	1.1105	0.9848	1.1274	Ave		1.0175				9.1		20.0			
trans-1,4-Dichloro-2-butene	0.2540 0.2526	0.2457 0.2592	0.2633	0.2396	0.2741	Ave		0.2555				4.5		20.0			
N-Propylbenzene	2.2277 3.6689	3.0846 3.6175	3.1530	3.3692	3.5471	Ave		3.2383				15.4		20.0			
2-Chlorotoluene	1.6085 2.6358	2.2529 2.6068	2.2405	2.4343	2.5468	Ave		2.3322				15.3		20.0			
4-Ethyltoluene	1.8424 2.9334	2.4674 2.9047	2.4564	2.7065	2.8236	Ave		2.5906				14.8		20.0			
1,3,5-Trimethylbenzene	1.5750 2.6314	2.3459 2.6167	2.3378	2.4928	2.5791	Ave		2.3684				15.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1 Analy Batch No.: 27360

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/19/2021 08:52 Calibration End Date: 10/19/2021 10:55 Calibration ID: 1823

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
4-Chlorotoluene	1.6738 2.6954	2.2945 2.6502	2.2947	2.5007	2.6008	Ave		2.3872				14.8		20.0			
tert-Butylbenzene	1.3128 2.1429	1.7994 2.1229	1.8498	1.9682	2.0694	Ave		1.8951				15.2		20.0			
1,2,4-Trimethylbenzene	1.7940 2.7185	2.3127 2.6847	2.3855	2.5411	2.6411	Ave		2.4397				13.2		20.0			
sec-Butylbenzene	1.9488 3.0269	2.5791 3.0380	2.6763	2.7898	2.9626	Ave		2.7174				14.1		20.0			
1,3-Dichlorobenzene	0.9398 1.5057	1.2663 1.5087	1.3021	1.3974	1.4648	Ave		1.3407				15.0		20.0			
p-Cymene (p-Isopropyltoluene)	1.6378 2.5760	2.1978 2.5861	2.2891	2.4258	2.5183	Ave		2.3187				14.4		20.0			
1,4-Dichlorobenzene	1.0251 1.5220	1.3245 1.5189	1.3537	1.4183	1.4855	Ave		1.3783				12.6		20.0			
Dicyclopentadiene	2.0280 3.3175	2.8956 3.2735	2.9574	3.1487	3.2803	Ave		2.9859				15.2		20.0			
Benzyl chloride	0.1869 0.2479	0.2377 0.2543	0.2471	0.2261	0.2633	Ave		0.2376				10.6		20.0			
n-Butylbenzene	1.4913 2.4115	2.0135 2.4489	2.1487	2.2454	2.3747	Ave		2.1620				15.4		20.0			
1,2-Dichlorobenzene	0.8501 1.3989	1.2342 1.3910	1.2605	1.3004	1.3768	Ave		1.2589				15.2		20.0			
1,2-Dibromo-3-Chloropropane	0.0752 0.1241	0.1119 0.1243	0.1228	0.1105	0.1318	Ave		0.1144				16.5		20.0			
1,2,4-Trichlorobenzene	0.4359 0.6646	0.4893 0.6600	0.6185	0.5570	0.6736	Ave		0.5855				16.1		20.0			
Hexachlorobutadiene	0.1905 0.3384	0.2646 0.3403	0.3093	0.3032	0.3331	Ave		0.2971				18.2		20.0			
Naphthalene	0.7774 1.0386	0.7930 1.0148	1.0628	0.8699	1.1199	Ave		0.9538				14.5		20.0			
1,2,3-Trichlorobenzene	0.2156 0.3836	0.2731 0.3677	0.3745	0.3075	0.4014	Lin1	-0.223	0.3758				13.2			0.9960		0.9900
2-Methylnaphthalene	+++++ 0.1653	0.0709 0.1602	0.1456	0.1062	0.1666	Lin1	-0.468	0.1652				15.1			0.9920		0.9900
1-Methylnaphthalene	+++++ 0.1198	0.0523 0.1168	0.1204	0.0792	0.1214	Lin1	-0.290	0.1199				18.0			0.9900		0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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FORM VI
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CURVE EVALUATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1 Analy Batch No.: 27360

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/19/2021 08:52 Calibration End Date: 10/19/2021 10:55 Calibration ID: 1823

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dibromofluoromethane (Surr)	0.4959 0.5012	0.5003 0.5002	0.5006	0.4957	0.5009	Ave		0.4993				0.5		20.0			
1,2-Dichloroethane-d4 (Surr)	0.3972 0.3898	0.3981 0.3931	0.4059	0.3915	0.3997	Ave		0.3965				1.4		20.0			
Toluene-d8 (Surr)	1.4484 1.4134	1.4384 1.3995	1.4415	1.4261	1.4355	Ave		1.4290				1.2		20.0			
4-Bromofluorobenzene (Surr)	1.1247 1.0833	1.1081 1.1028	1.1034	1.1062	1.1050	Ave		1.1048				1.1		20.0			

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1 Analy Batch No.: 27360

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/19/2021 08:52 Calibration End Date: 10/19/2021 10:55 Calibration ID: 1823

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-27360/2	E10192103.D
Level 2	IC 860-27360/3	E10192104X.D
Level 3	IC 860-27360/4	E10192105X.D
Level 4	IC 860-27360/5	E10192106X.D
Level 5	ICIS 860-27360/6	E10192107X.D
Level 6	IC 860-27360/7	E10192108X.D
Level 7	IC 860-27360/8	E10192109X.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Propene	PFB	Lin1	14290 278753	23918 401024	35659	73655	139800	1.00 100	5.00 150	10.0	25.0	50.0
Dichlorodifluoromethane	PFB	Ave	2325 403368	16745 619940	33742	92737	192922	1.00 100	5.00 150	10.0	25.0	50.0
Chloromethane	PFB	Ave	3876 555498	25868 827677	50616	136141	280256	1.00 100	5.00 150	10.0	25.0	50.0
Vinyl chloride	PFB	Ave	3502 525332	24282 785075	47695	125664	267361	1.00 100	5.00 150	10.0	25.0	50.0
1,3-Butadiene	PFB	Lin1	2261 435287	19454 656797	37776	99427	214708	1.00 100	5.00 150	10.0	25.0	50.0
Ethylene oxide	PFB	Lin1	1217 341140	18261 465330	35500	82808	200157	5.00 500	25.0 750	50.0	125	250
Bromomethane	PFB	Ave	3789 417643	23554 610040	43752	109978	215598	1.00 100	5.00 150	10.0	25.0	50.0
Chloroethane	PFB	Ave	2398 319806	14849 476568	29445	78259	163292	1.00 100	5.00 150	10.0	25.0	50.0
Trichlorofluoromethane	PFB	Lin1	3571 668448	28285 1018012	55440	155297	328333	1.00 100	5.00 150	10.0	25.0	50.0
Acrolein	PFB	Ave	3357 354834	16919 535860	37443	83059	194805	5.00 500	25.0 750	50.0	125	250
1,1-Dichloroethene	PFB	Ave	2484 405360	15461 579389	31632	88684	186407	1.00 100	5.00 150	10.0	25.0	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	PFB	Lin1	1701 317970	12641 472945	25118	71137	150154	1.00 100	5.00 150	10.0	25.0	50.0
Acetone	PFB	Ave	3354 212296	12286 320613	24541	53211	122772	5.00 500	25.0 750	50.0	125	250

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RESPONSE AND CONCENTRATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1 Analy Batch No.: 27360

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/19/2021 08:52 Calibration End Date: 10/19/2021 10:55 Calibration ID: 1823

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Iodomethane (Methyl Iodide)	PFB	Lin1	+++++ 564136	8080 880090	22831	90227	236779	+++++ 100	5.00 150	10.0	25.0	50.0
Carbon disulfide	PFB	Ave	8539 1395547	56346 1984625	112050	311380	654166	1.00 100	5.00 150	10.0	25.0	50.0
Isopropyl alcohol	PFB	Ave	2591 299586	14601 440930	33781	71082	171113	10.0 1000	50.0 1500	100	250	500
Acetonitrile	PFB	Ave	+++++ 433151	22358 654845	44484	103756	232156	+++++ 1000	50.0 1500	100	250	500
Allyl Chloride (3-Chloropropene)	PFB	Ave	1734 288262	12823 425632	24110	66085	135437	1.00 100	5.00 150	10.0	25.0	50.0
Methyl acetate	PFB	Ave	+++++ 814449	40015 1226473	89689	191227	451828	+++++ 200	10.0 300	20.0	50.0	100
Methylene Chloride	PFB	Ave	4533 535102	25183 766137	47701	123222	258231	1.00 100	5.00 150	10.0	25.0	50.0
tert-Butyl alcohol	PFB	Ave	6747 502906	26243 746056	63736	122082	304042	10.0 1000	50.0 1500	100	250	500
Acrylonitrile	PFB	Ave	17565 1956534	98964 2927972	211273	474831	1091848	10.0 1000	50.0 1500	100	250	500
trans-1,2-Dichloroethene	PFB	Ave	2570 475090	19338 687225	38744	105948	225309	1.00 100	5.00 150	10.0	25.0	50.0
MTBE	PFB	Ave	11349 1565389	75184 2268545	155506	368103	813974	1.00 100	5.00 150	10.0	25.0	50.0
n-Hexane	PFB	Ave	3312 574996	23309 864162	48575	131808	279882	1.00 100	5.00 150	10.0	25.0	50.0
1,1-Dichloroethane	PFB	Ave	6005 970271	40659 1374521	81242	217960	458433	1.00 100	5.00 150	10.0	25.0	50.0
Vinyl acetate	PFB	Ave	57180 7309532	356717 10508744	743998	1772506	3880004	5.00 500	25.0 750	50.0	125	250
Isopropyl ether	PFB	Ave	12086 1868553	82410 2675380	166784	435616	921223	1.00 100	5.00 150	10.0	25.0	50.0
Chloroprene	PFB	Ave	5492 780025	31444 1121418	64001	176789	373048	1.00 100	5.00 150	10.0	25.0	50.0
Ethyl tert-butyl ether	PFB	Ave	11981 1759470	80855 2562051	163563	414584	877074	1.00 100	5.00 150	10.0	25.0	50.0
2,2-Dichloropropane	PFB	Ave	5628 788494	32565 1134918	64563	180761	372290	1.00 100	5.00 150	10.0	25.0	50.0

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RESPONSE AND CONCENTRATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1 Analy Batch No.: 27360

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/19/2021 08:52 Calibration End Date: 10/19/2021 10:55 Calibration ID: 1823

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
cis-1,2-Dichloroethene	PFB	Ave	5651 890956	38249 1273217	75129	203496	423694	1.00 100	5.00 150	10.0	25.0	50.0
2-Butanone	PFB	Ave	2813 280898	14525 429686	31845	69848	162826	5.00 500	25.0 750	50.0	125	250
Propane Nitrile (Propionitrile)	PFB	Ave	7244 730863	38706 1098632	81242	178203	420277	10.0 1000	50.0 1500	100	250	500
Bromochloromethane	PFB	Ave	2561 386041	17152 556850	34884	87989	185274	1.00 100	5.00 150	10.0	25.0	50.0
Methacrylonitrile	PFB	Ave	18554 2227533	111305 3304644	235117	532237	1222059	10.0 1000	50.0 1500	100	250	500
Tetrahydrofuran	PFB	Ave	4036 319727	17780 482105	35272	77946	184719	2.00 200	10.0 300	20.0	50.0	100
Chloroform	PFB	Ave	6106 962628	41006 1373191	82037	218247	461227	1.00 100	5.00 150	10.0	25.0	50.0
1,1,1-Trichloroethane	PFB	Ave	5305 780088	32535 1127076	65098	177876	372863	1.00 100	5.00 150	10.0	25.0	50.0
Cyclohexane	PFB	Lin1	19586 589070	38437 873449	62706	145300	289610	1.00 100	5.00 150	10.0	25.0	50.0
1,1-Dichloropropene	PFB	Ave	4211 669539	27264 966997	54525	148434	312827	1.00 100	5.00 150	10.0	25.0	50.0
Carbon tetrachloride	PFB	Ave	3800 642144	25674 930006	50024	142788	303525	1.00 100	5.00 150	10.0	25.0	50.0
Isobutanol	DFBZ	Ave	5611 551641	26806 816900	63629	129130	316226	24.8 2480	124 3720	248	620	1240
Benzene	DFBZ	Ave	13784 2059789	87890 2960548	174266	468889	982277	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dichloroethane	DFBZ	Ave	5715 811692	37071 1171722	75486	187019	402435	1.00 100	5.00 150	10.0	25.0	50.0
2,2,4-Trimethylpentane	DFBZ	Ave	7595 1183067	51902 1806592	111869	280815	600552	1.00 100	5.00 150	10.0	25.0	50.0
Tert-amyl methyl ether	DFBZ	Ave	11263 1550730	72245 2256260	148202	359754	788810	1.00 100	5.00 150	10.0	25.0	50.0
n-Butanol	DCBd 4	Ave	2515 309493	13201 458265	32747	67731	177436	24.8 2480	124 3720	248	620	1240
Trichloroethene	DFBZ	Ave	3084	20877	41476	111736	238510	1.00	5.00	10.0	25.0	50.0

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1 Analy Batch No.: 27360

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/19/2021 08:52 Calibration End Date: 10/19/2021 10:55 Calibration ID: 1823

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			510712	737204				100	150			
Methylcyclohexane	DFBZ	Ave	5177 711950	28793 1083754	61332	162345	345231	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dichloropropane	DFBZ	Ave	3825 621580	26884 899497	54627	141631	299380	1.00 100	5.00 150	10.0	25.0	50.0
Dibromomethane	DFBZ	Ave	2757 365548	15865 534784	34160	84588	183896	1.00 100	5.00 150	10.0	25.0	50.0
Methyl methacrylate	DFBZ	Ave	6395 804053	38155 1192458	82048	187163	433547	2.00 200	10.0 300	20.0	50.0	100
1,4-Dioxane (P-Dioxane)	DFBZ	Ave	+++++ 93046	4714 153044	10116	21243	46899	+++++ 2000	100 3000	200	500	1000
Bromodichloromethane	DFBZ	Ave	5045 769516	34548 1108378	65615	176176	370763	1.00 100	5.00 150	10.0	25.0	50.0
2-Chloroethyl vinyl ether	DFBZ	Ave	2260 327162	14470 494209	32434	73667	170291	1.00 100	5.00 150	10.0	25.0	50.0
cis-1,3-Dichloropropene	DFBZ	Ave	6330 978337	42011 1408963	84781	222308	468915	1.00 100	5.00 150	10.0	25.0	50.0
4-Methyl-2-pentanone	DFBZ	Ave	21917 2586267	129597 3852161	286856	622080	1469903	5.00 500	25.0 750	50.0	125	250
Toluene	CBNZ d5	Ave	8082 1262686	52782 1824712	104747	280941	589965	1.00 100	5.00 150	10.0	25.0	50.0
trans-1,3-Dichloropropene	CBNZ d5	Ave	5923 910960	39706 1315929	82371	205951	445113	1.00 100	5.00 150	10.0	25.0	50.0
Ethyl methacrylate	CBNZ d5	Ave	4866 747910	35214 1109105	71896	173767	390508	1.00 100	5.00 150	10.0	25.0	50.0
1,1,2-Trichloroethane	CBNZ d5	Ave	3489 440481	20205 640587	41626	101546	221302	1.00 100	5.00 150	10.0	25.0	50.0
Tetrachloroethylene	CBNZ d5	Ave	2104 399257	16257 587510	32165	88170	190274	1.00 100	5.00 150	10.0	25.0	50.0
1,3-Dichloropropane	CBNZ d5	Ave	5682	38438	77482	192471	419447	1.00	5.00	10.0	25.0	50.0

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1 Analy Batch No.: 27360

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/19/2021 08:52 Calibration End Date: 10/19/2021 10:55 Calibration ID: 1823

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			828672	1203434				100	150			
2-Hexanone	CBNZ d5	Ave	14714 1757023	86863 2630457	194473	420883	1009847	5.00 500	25.0 750	50.0	125	250
Dibromochloromethane	CBNZ d5	Ave	3953 584283	24900 846439	52721	131225	288061	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dibromoethane	CBNZ d5	Ave	3787 514102	23724 758026	50006	119412	263115	1.00 100	5.00 150	10.0	25.0	50.0
1-Chlorohexane	CBNZ d5	Lin1	10126 477447	25354 704671	45207	109840	228496	1.00 100	5.00 150	10.0	25.0	50.0
Chlorobenzene	CBNZ d5	Ave	8787 1428281	61497 2056853	119493	324394	675181	1.00 100	5.00 150	10.0	25.0	50.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	3452 546096	23635 792599	46430	123112	262774	1.00 100	5.00 150	10.0	25.0	50.0
Ethylbenzene	CBNZ d5	Ave	14248 2374148	97273 3431039	194959	534784	1124856	1.00 100	5.00 150	10.0	25.0	50.0
m,p-Xylenes	CBNZ d5	Ave	10456 1880952	73847 2703627	150794	414973	878245	1.00 100	5.00 150	10.0	25.0	50.0
o-Xylene	CBNZ d5	Ave	12500 1972569	80444 2855442	161748	439801	926129	1.00 100	5.00 150	10.0	25.0	50.0
Styrene	CBNZ d5	Ave	9939 1570449	64922 2267286	129960	351245	738098	1.00 100	5.00 150	10.0	25.0	50.0
Bromoform	CBNZ d5	Ave	2503 383935	16716 568124	35225	86158	193912	1.00 100	5.00 150	10.0	25.0	50.0
Isopropylbenzene	CBNZ d5	Ave	13275	89078	179931	487458	1041868	1.00	5.00	10.0	25.0	50.0

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1 Analy Batch No.: 27360

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/19/2021 08:52 Calibration End Date: 10/19/2021 10:55 Calibration ID: 1823

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			2197414	3197809				100	150			
Cyclohexanone	CBNZ d5	Ave	8318 819641	37280 1222057	94097	190296	462117	50.0 5000	250 7500	500	1250	2500
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	4464 569952	26235 834751	57004	132295	297401	1.00 100	5.00 150	10.0	25.0	50.0
Bromobenzene	DCBd 4	Ave	3780 612589	25639 887868	52099	137156	291364	1.00 100	5.00 150	10.0	25.0	50.0
1,2,3-Trichloropropane	DCBd 4	Ave	5802 727550	32086 1075128	76064	167219	386848	1.00 100	5.00 150	10.0	25.0	50.0
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	1707 176711	8311 266092	18035	40675	94059	1.00 100	5.00 150	10.0	25.0	50.0
N-Propylbenzene	DCBd 4	Ave	14969 2566289	104346 3713354	215974	572066	1217117	1.00 100	5.00 150	10.0	25.0	50.0
2-Chlorotoluene	DCBd 4	Ave	10808 1843675	76210 2675920	153470	413330	873881	1.00 100	5.00 150	10.0	25.0	50.0
4-Ethyltoluene	DCBd 4	Ave	12380 2051815	83467 2981623	168253	459535	968871	1.00 100	5.00 150	10.0	25.0	50.0
1,3,5-Trimethylbenzene	DCBd 4	Ave	10583 1840586	79359 2686008	160129	423263	884970	1.00 100	5.00 150	10.0	25.0	50.0
4-Chlorotoluene	DCBd 4	Ave	11247 1885353	77619 2720476	157180	424596	892412	1.00 100	5.00 150	10.0	25.0	50.0
tert-Butylbenzene	DCBd 4	Ave	8821 1498882	60871 2179183	126709	334183	710069	1.00 100	5.00 150	10.0	25.0	50.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	12055	78235	163402	431456	906227	1.00	5.00	10.0	25.0	50.0

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1 Analy Batch No.: 27360

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/19/2021 08:52 Calibration End Date: 10/19/2021 10:55 Calibration ID: 1823

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			1901533	2755812				100	150			
sec-Butylbenzene	DCBd 4	Ave	13095 2117234	87247 3118484	183321	473679	1016572	1.00 100	5.00 150	10.0	25.0	50.0
1,3-Dichlorobenzene	DCBd 4	Ave	6315 1053195	42836 1548728	89190	237272	502629	1.00 100	5.00 150	10.0	25.0	50.0
p-Cymene (p-Isopropyltoluene)	DCBd 4	Ave	11005 1801841	74346 2654661	156799	411880	864109	1.00 100	5.00 150	10.0	25.0	50.0
1,4-Dichlorobenzene	DCBd 4	Ave	6888 1064612	44806 1559183	92724	240809	509735	1.00 100	5.00 150	10.0	25.0	50.0
Dicyclopentadiene	DCBd 4	Ave	13627 2320509	97954 3360221	202576	534623	1125585	1.00 100	5.00 150	10.0	25.0	50.0
Benzyl chloride	DCBd 4	Ave	1256 173371	8042 261072	16929	38386	90345	1.00 100	5.00 150	10.0	25.0	50.0
n-Butylbenzene	DCBd 4	Ave	10021 1686743	68113 2513744	147180	381253	814848	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dichlorobenzene	DCBd 4	Ave	5712 978514	41752 1427878	86343	220797	472416	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	505 86798	3785 127595	8413	18758	45226	1.00 100	5.00 150	10.0	25.0	50.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	2929 464835	16551 677452	42366	94568	231141	1.00 100	5.00 150	10.0	25.0	50.0
Hexachlorobutadiene	DCBd 4	Ave	1280 236691	8952 349353	21189	51476	114284	1.00 100	5.00 150	10.0	25.0	50.0
Naphthalene	DCBd 4	Ave	5224	26827	72798	147701	384283	1.00	5.00	10.0	25.0	50.0

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1 Analy Batch No.: 27360

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/19/2021 08:52 Calibration End Date: 10/19/2021 10:55 Calibration ID: 1823

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			726443	1041700				100	150			
1,2,3-Trichlorobenzene	DCBd 4	Lin1	1449 268299	9238 377398	25655	52212	137723	1.00 100	5.00 150	10.0	25.0	50.0
2-Methylnaphthalene	DCBd 4	Lin1	+++++ 115647	2400 164425	9972	18036	57173	+++++ 100	5.00 150	10.0	25.0	50.0
1-Methylnaphthalene	DCBd 4	Lin1	+++++ 83823	1770 119845	8244	13440	41669	+++++ 100	5.00 150	10.0	25.0	50.0
Dibromofluoromethane (Surr)	PFB	Ave	275818 266790	275890 267302	277706	268952	273412	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	DFBZ	Ave	334713 316324	335326 319297	342164	321773	332645	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	1051358 1017281	1040546 1017272	1047389	1022587	1038176	50.0 50.0	50.0 50.0	50.0	50.0	50.0
4-Bromofluorobenzene (Surr)	DCBd 4	Ave	377854 378862	374862 377345	377894	375660	379147	50.0 50.0	50.0 50.0	50.0	50.0	50.0

Curve Type Legend
Ave = Average ISTD
Lin1 = Linear 1/conc ISTD

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Calibration / Propene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

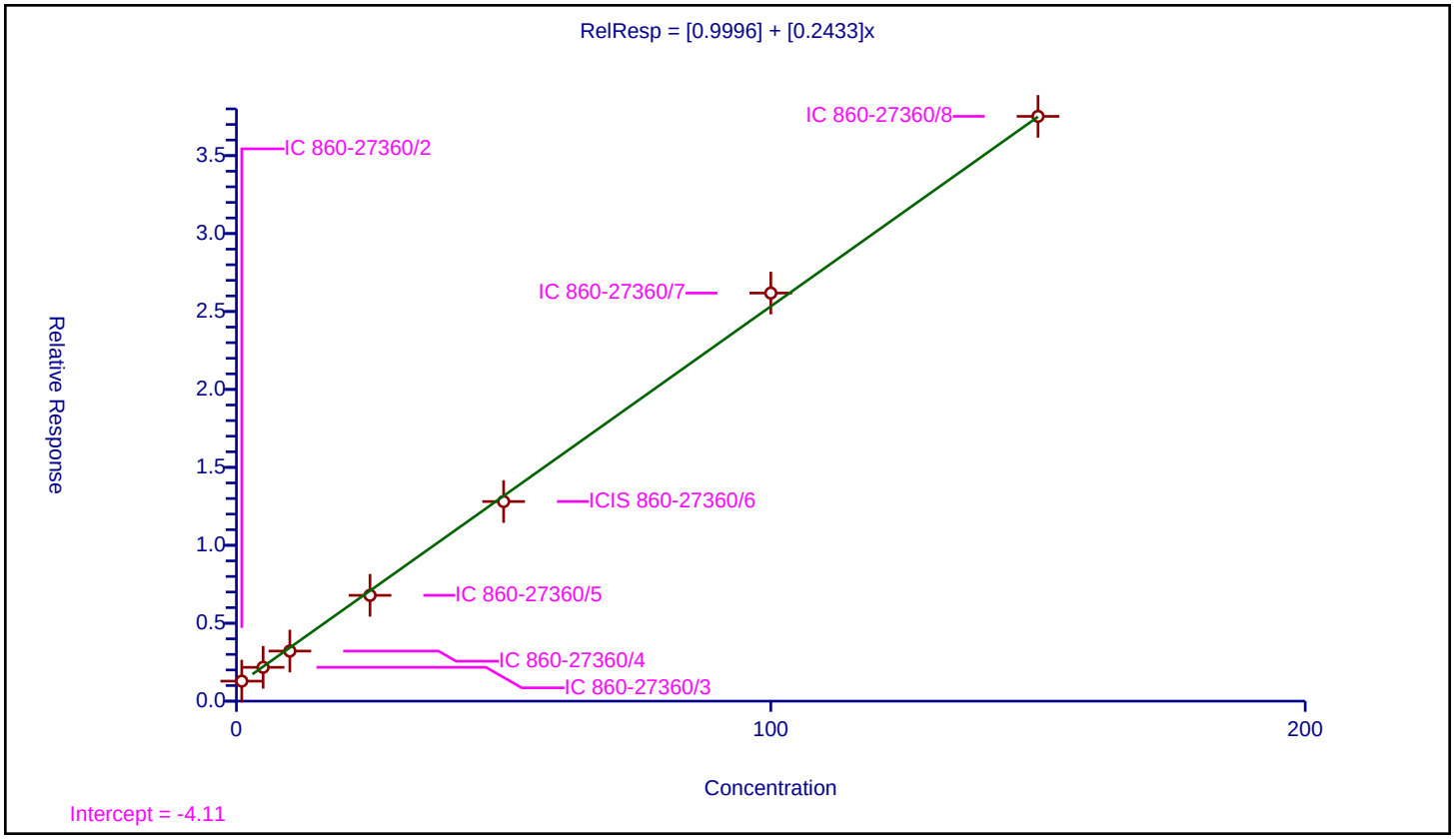
Curve Coefficients

Intercept:	0.9996
Slope:	0.2433

Error Coefficients

Standard Error:	230000
Relative Standard Error:	9.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	1.284587	50.0	556210.0	1.284587	Y
2	IC 860-27360/3	5.0	2.168654	50.0	551448.0	0.433731	Y
3	IC 860-27360/4	10.0	3.214011	50.0	554743.0	0.321401	Y
4	IC 860-27360/5	25.0	6.787766	50.0	542557.0	0.271511	Y
5	ICIS 860-27360/6	50.0	12.8071	50.0	545791.0	0.256142	Y
6	IC 860-27360/7	100.0	26.183087	50.0	532315.0	0.261831	Y
7	IC 860-27360/8	150.0	37.520396	50.0	534408.0	0.250136	Y



Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

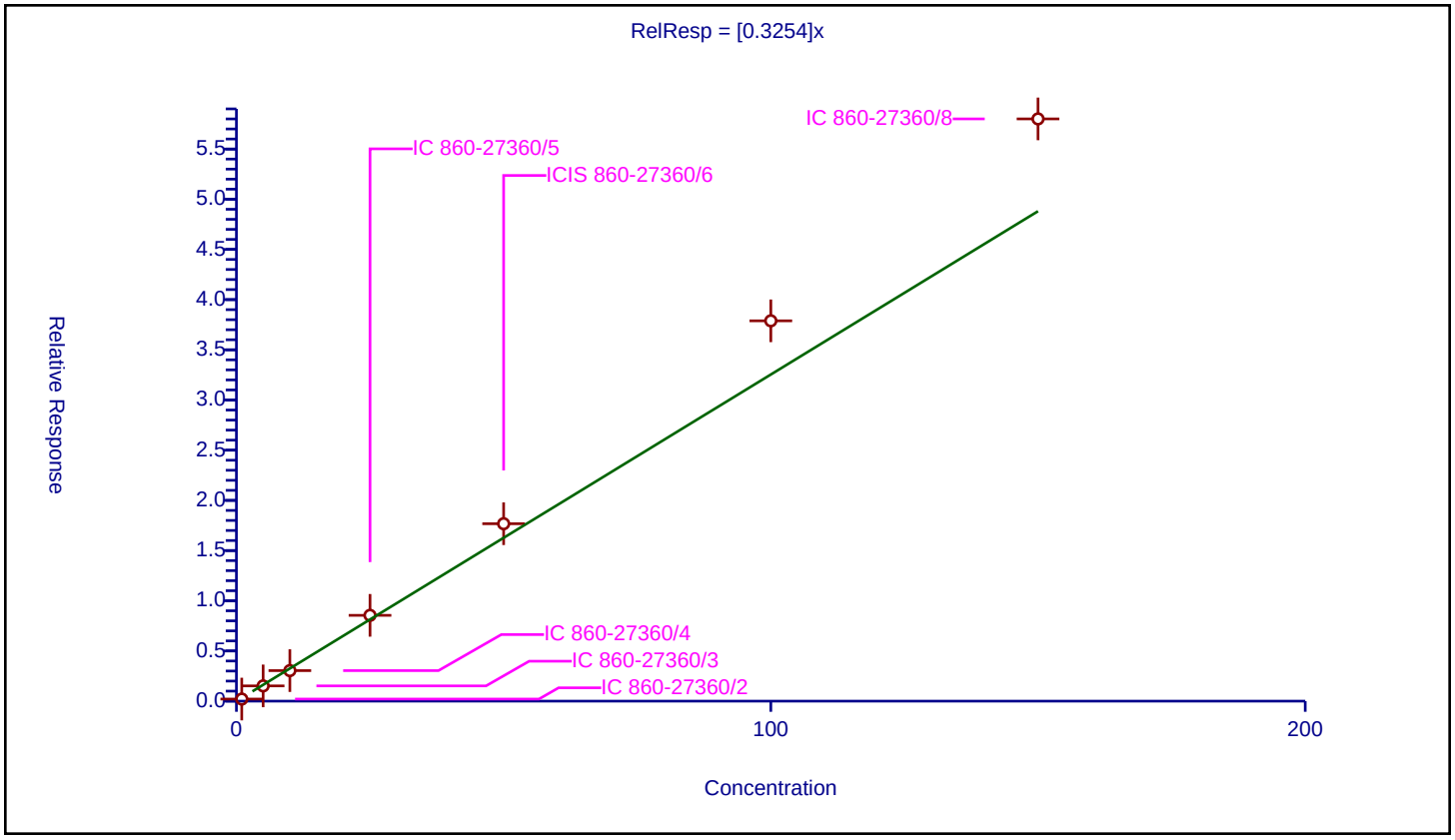
Curve Coefficients

Intercept:	0
Slope:	0.3254

Error Coefficients

Standard Error:	315000
Relative Standard Error:	18.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.967

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	0.209004	50.0	556210.0	0.209004	Y
2	IC 860-27360/3	5.0	1.518276	50.0	551448.0	0.303655	Y
3	IC 860-27360/4	10.0	3.041228	50.0	554743.0	0.304123	Y
4	IC 860-27360/5	25.0	8.546291	50.0	542557.0	0.341852	Y
5	ICIS 860-27360/6	50.0	17.673615	50.0	545791.0	0.353472	Y
6	IC 860-27360/7	100.0	37.888093	50.0	532315.0	0.378881	Y
7	IC 860-27360/8	150.0	58.0025	50.0	534408.0	0.386683	Y



Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

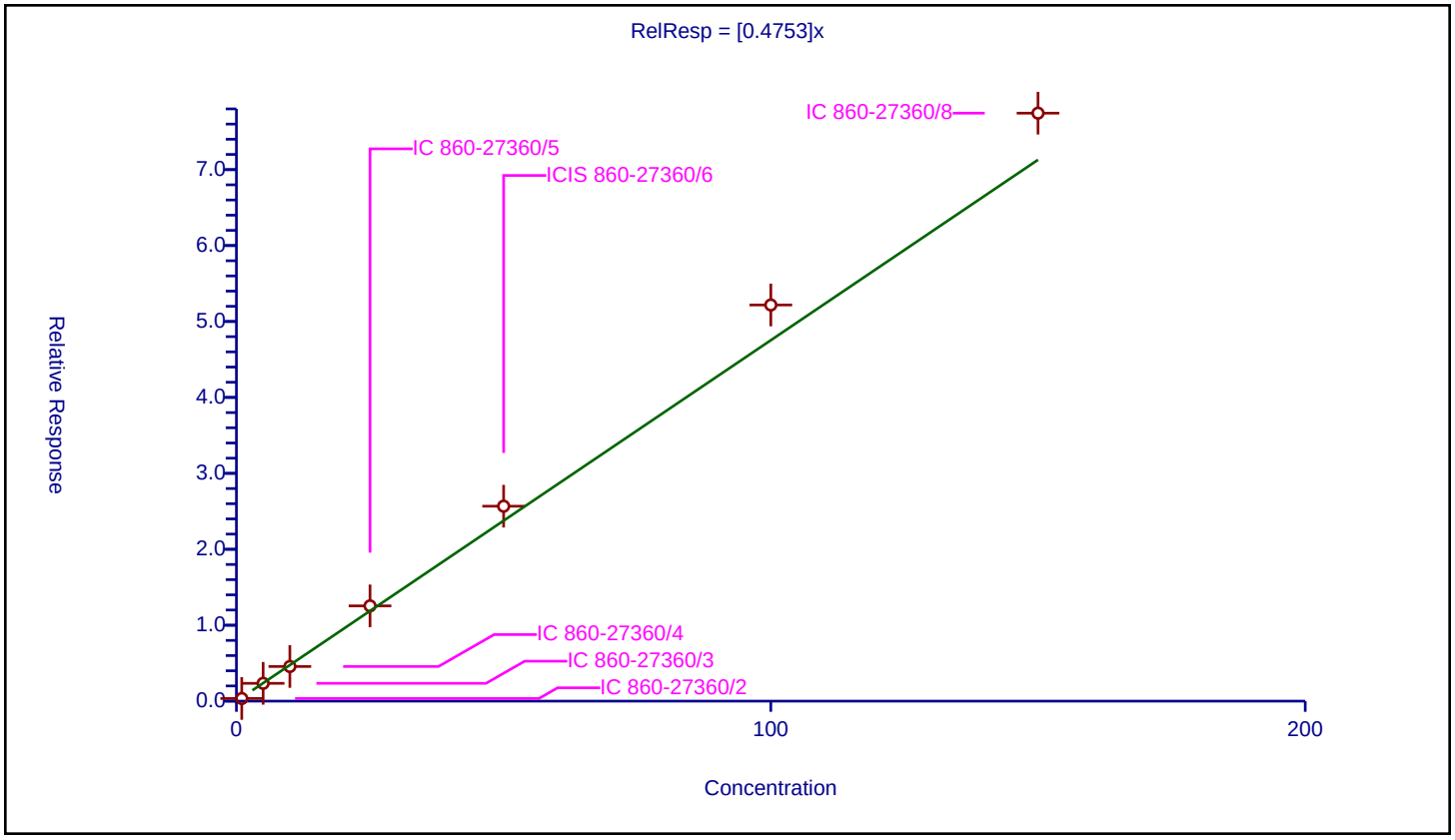
Curve Coefficients

Intercept:	0
Slope:	0.4753

Error Coefficients

Standard Error:	427000
Relative Standard Error:	12.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	0.34843	50.0	556210.0	0.34843	Y
2	IC 860-27360/3	5.0	2.345461	50.0	551448.0	0.469092	Y
3	IC 860-27360/4	10.0	4.562113	50.0	554743.0	0.456211	Y
4	IC 860-27360/5	25.0	12.546239	50.0	542557.0	0.50185	Y
5	ICIS 860-27360/6	50.0	25.674297	50.0	545791.0	0.513486	Y
6	IC 860-27360/7	100.0	52.177564	50.0	532315.0	0.521776	Y
7	IC 860-27360/8	150.0	77.43868	50.0	534408.0	0.516258	Y



Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

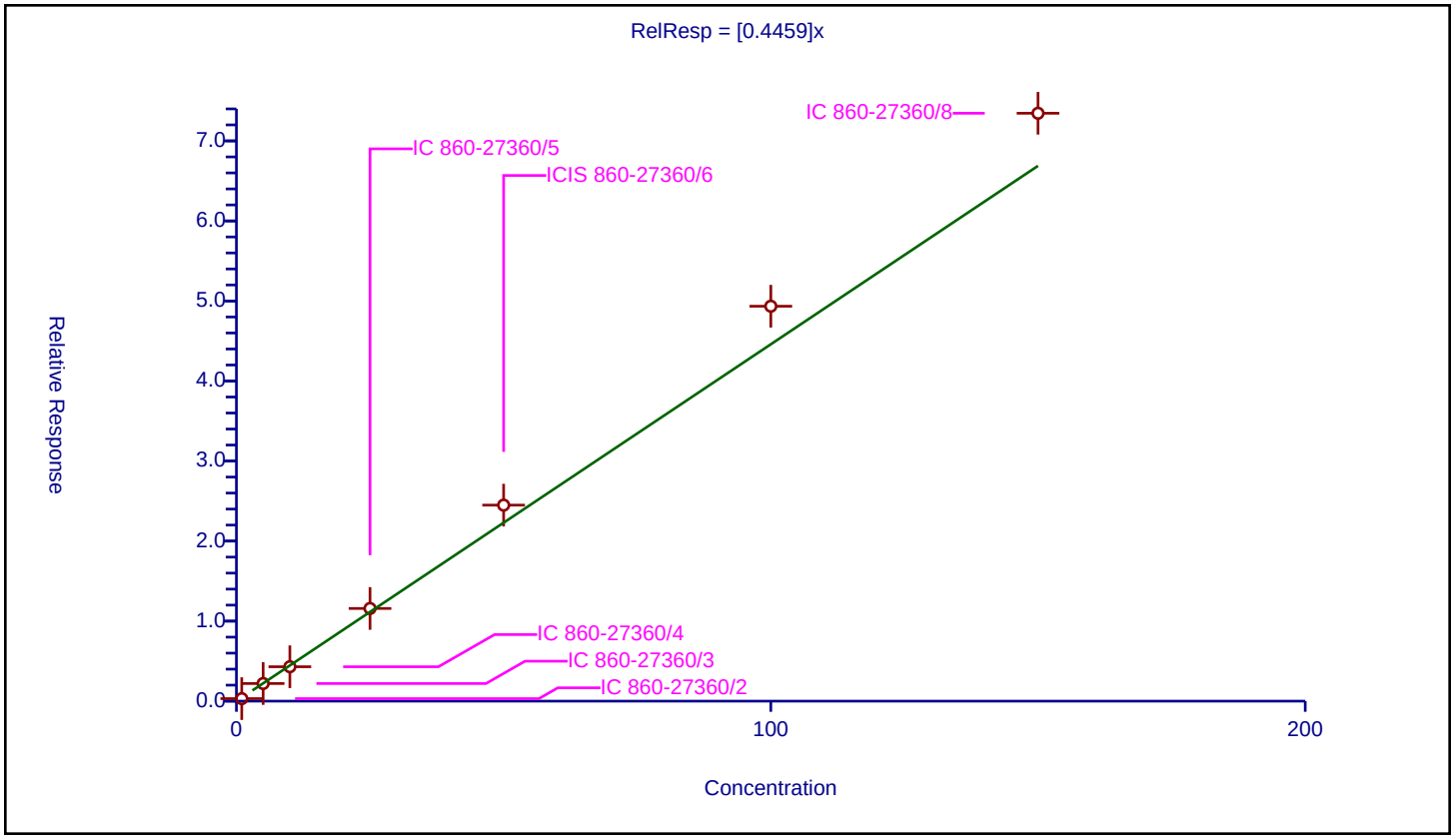
Curve Coefficients

Intercept:	0
Slope:	0.4459

Error Coefficients

Standard Error:	405000
Relative Standard Error:	14.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	0.314809	50.0	556210.0	0.314809	Y
2	IC 860-27360/3	5.0	2.201658	50.0	551448.0	0.440332	Y
3	IC 860-27360/4	10.0	4.298837	50.0	554743.0	0.429884	Y
4	IC 860-27360/5	25.0	11.580719	50.0	542557.0	0.463229	Y
5	ICIS 860-27360/6	50.0	24.492984	50.0	545791.0	0.48986	Y
6	IC 860-27360/7	100.0	49.344091	50.0	532315.0	0.493441	Y
7	IC 860-27360/8	150.0	73.452774	50.0	534408.0	0.489685	Y



Calibration / Butadiene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

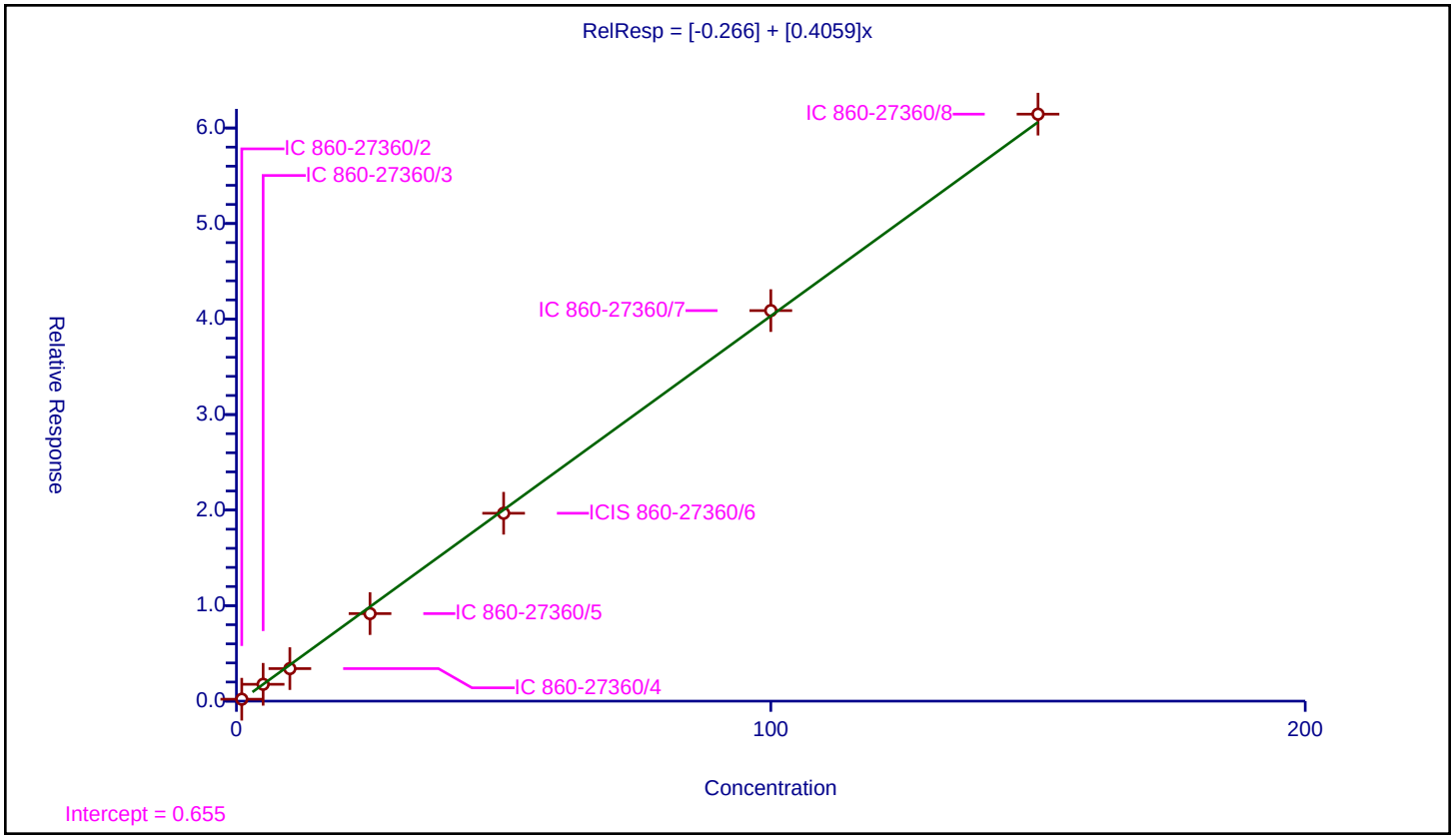
Curve Coefficients

Intercept:	-0.266
Slope:	0.4059

Error Coefficients

Standard Error:	368000
Relative Standard Error:	8.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	0.203251	50.0	556210.0	0.203251	Y
2	IC 860-27360/3	5.0	1.763902	50.0	551448.0	0.35278	Y
3	IC 860-27360/4	10.0	3.40482	50.0	554743.0	0.340482	Y
4	IC 860-27360/5	25.0	9.162816	50.0	542557.0	0.366513	Y
5	ICIS 860-27360/6	50.0	19.669434	50.0	545791.0	0.393389	Y
6	IC 860-27360/7	100.0	40.886223	50.0	532315.0	0.408862	Y
7	IC 860-27360/8	150.0	61.450895	50.0	534408.0	0.409673	Y



Calibration / Ethylene oxide

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

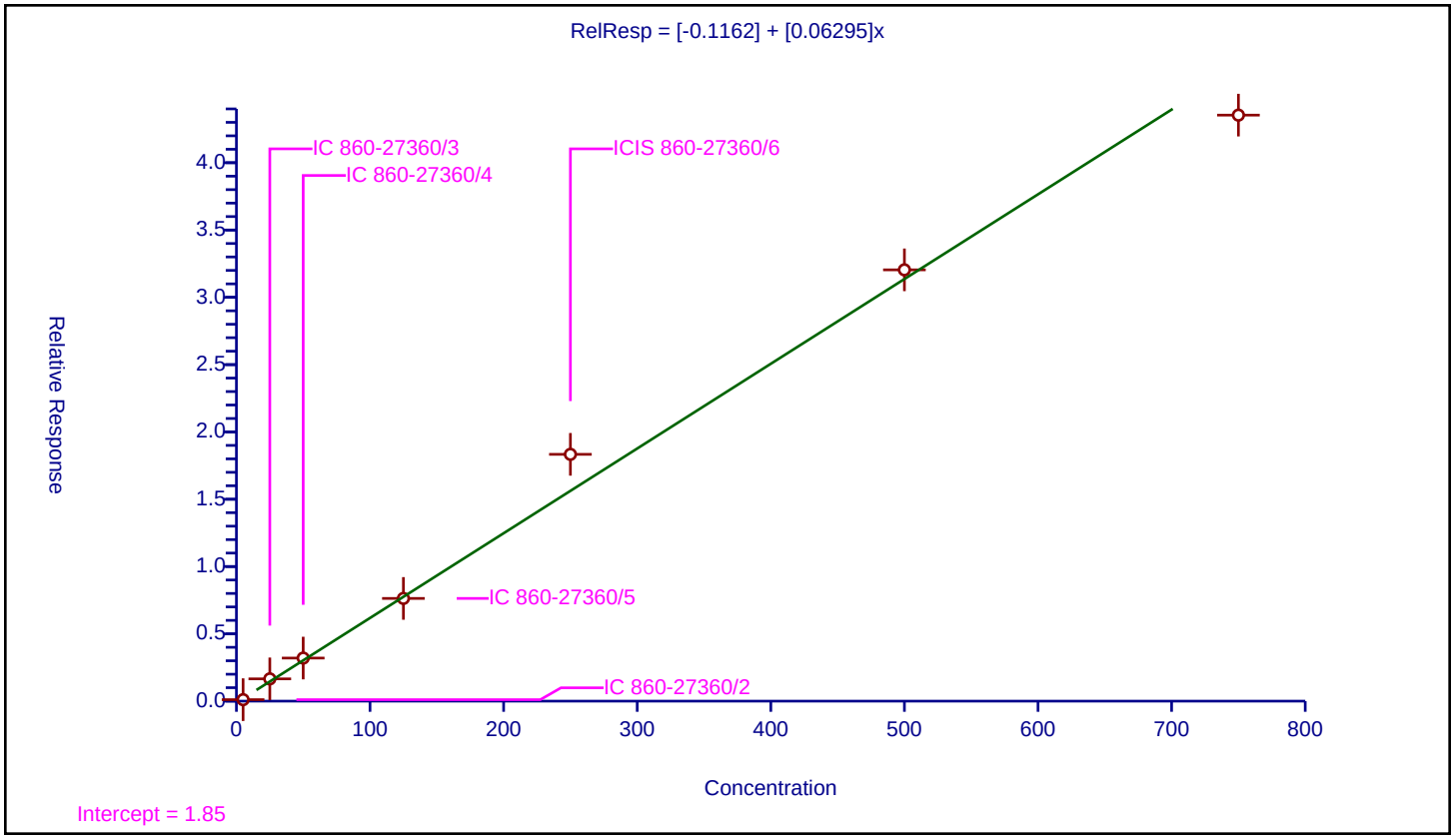
Curve Coefficients

Intercept:	-0.1162
Slope:	0.06295

Error Coefficients

Standard Error:	276000
Relative Standard Error:	16.4
Correlation Coefficient:	0.990
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	5.0	0.109401	50.0	556210.0	0.02188	Y
2	IC 860-27360/3	25.0	1.655732	50.0	551448.0	0.066229	Y
3	IC 860-27360/4	50.0	3.19968	50.0	554743.0	0.063994	Y
4	IC 860-27360/5	125.0	7.631272	50.0	542557.0	0.06105	Y
5	ICIS 860-27360/6	250.0	18.336414	50.0	545791.0	0.073346	Y
6	IC 860-27360/7	500.0	32.043057	50.0	532315.0	0.064086	Y
7	IC 860-27360/8	750.0	43.536961	50.0	534408.0	0.058049	Y



Calibration / Bromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

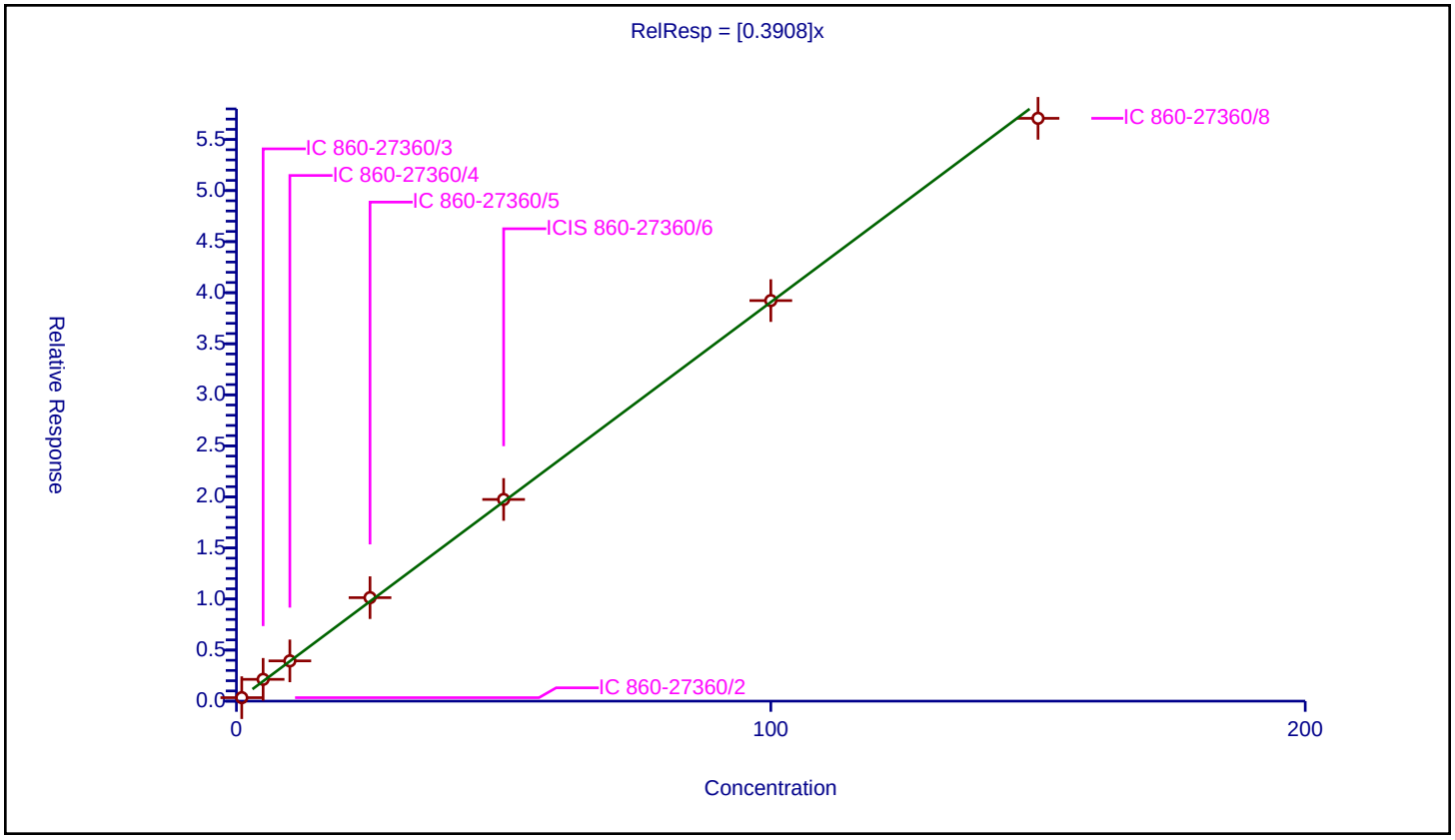
Curve Coefficients

Intercept:	0
Slope:	0.3908

Error Coefficients

Standard Error:	318000
Relative Standard Error:	6.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	0.340609	50.0	556210.0	0.340609	Y
2	IC 860-27360/3	5.0	2.13565	50.0	551448.0	0.42713	Y
3	IC 860-27360/4	10.0	3.943448	50.0	554743.0	0.394345	Y
4	IC 860-27360/5	25.0	10.135156	50.0	542557.0	0.405406	Y
5	ICIS 860-27360/6	50.0	19.750967	50.0	545791.0	0.395019	Y
6	IC 860-27360/7	100.0	39.228934	50.0	532315.0	0.392289	Y
7	IC 860-27360/8	150.0	57.076241	50.0	534408.0	0.380508	Y



Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

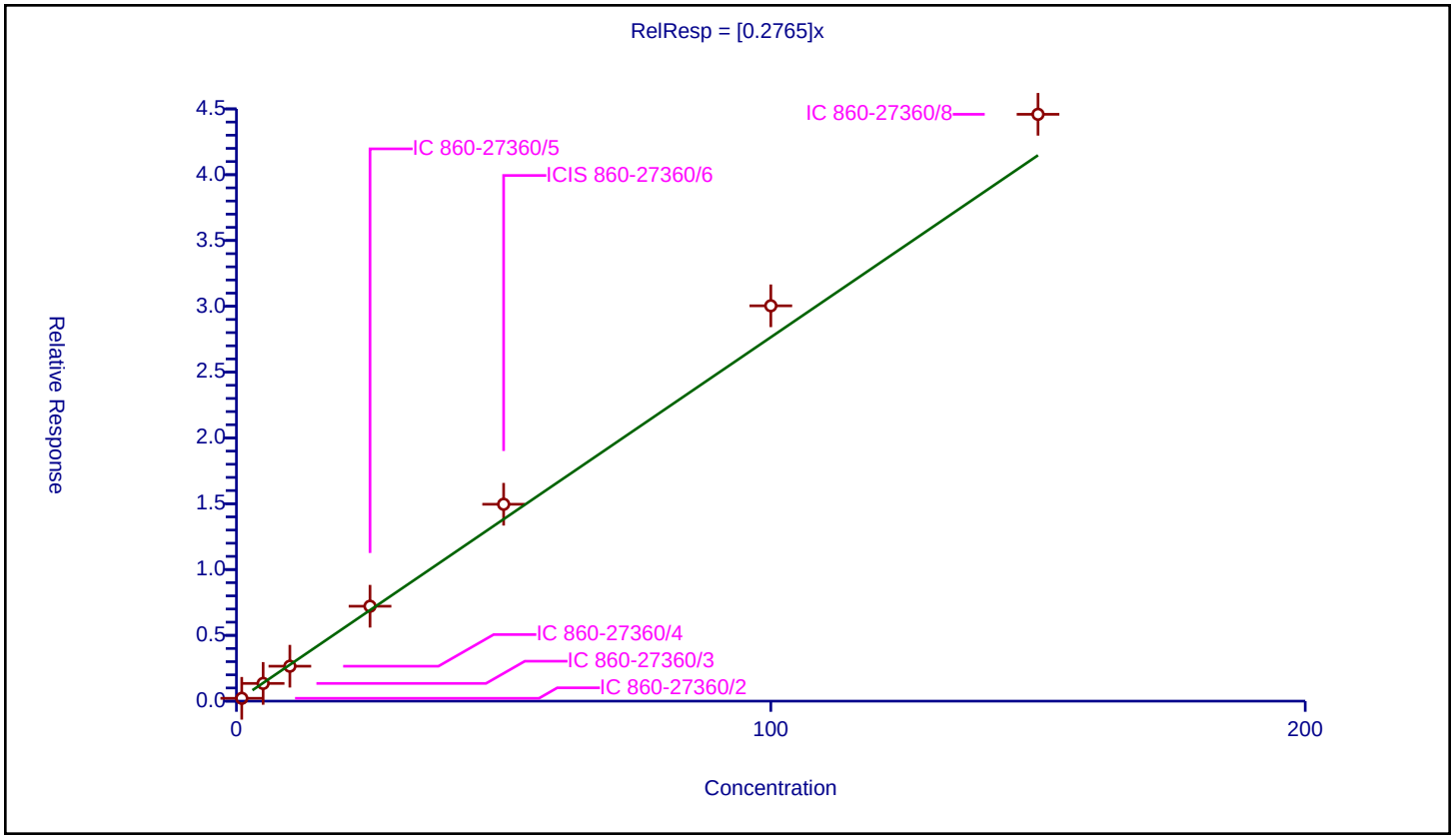
Curve Coefficients

Intercept:	0
Slope:	0.2765

Error Coefficients

Standard Error:	246000
Relative Standard Error:	11.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	0.215566	50.0	556210.0	0.215566	Y
2	IC 860-27360/3	5.0	1.346364	50.0	551448.0	0.269273	Y
3	IC 860-27360/4	10.0	2.653932	50.0	554743.0	0.265393	Y
4	IC 860-27360/5	25.0	7.212053	50.0	542557.0	0.288482	Y
5	ICIS 860-27360/6	50.0	14.959206	50.0	545791.0	0.299184	Y
6	IC 860-27360/7	100.0	30.039169	50.0	532315.0	0.300392	Y
7	IC 860-27360/8	150.0	44.588404	50.0	534408.0	0.297256	Y



Calibration / Trichlorofluoromethane

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

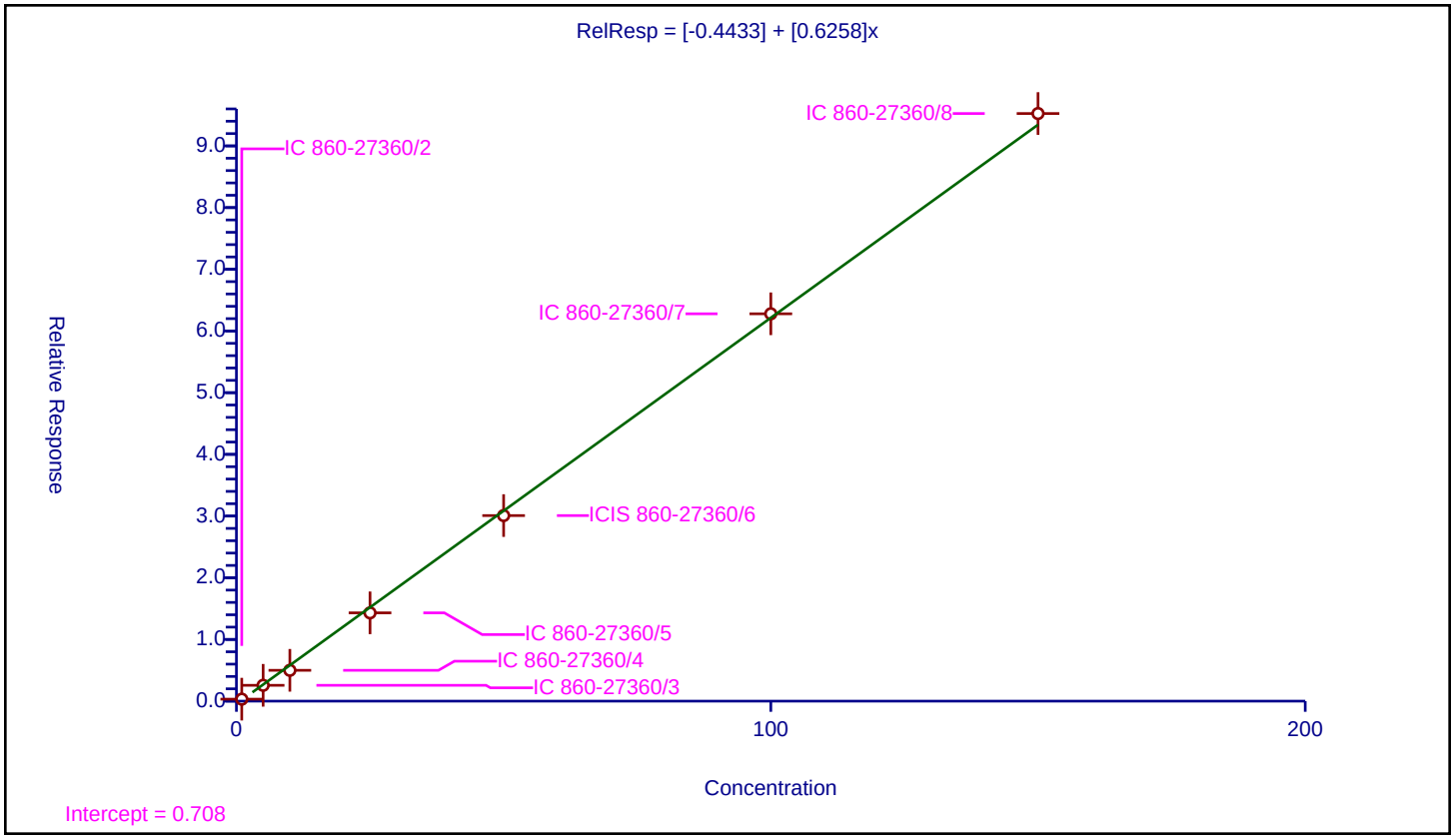
Curve Coefficients

Intercept:	-0.4433
Slope:	0.6258

Error Coefficients

Standard Error:	569000
Relative Standard Error:	12.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	0.321012	50.0	556210.0	0.321012	Y
2	IC 860-27360/3	5.0	2.564612	50.0	551448.0	0.512922	Y
3	IC 860-27360/4	10.0	4.996908	50.0	554743.0	0.499691	Y
4	IC 860-27360/5	25.0	14.311584	50.0	542557.0	0.572463	Y
5	ICIS 860-27360/6	50.0	30.078638	50.0	545791.0	0.601573	Y
6	IC 860-27360/7	100.0	62.786884	50.0	532315.0	0.627869	Y
7	IC 860-27360/8	150.0	95.246703	50.0	534408.0	0.634978	Y



Calibration / Acrolein

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

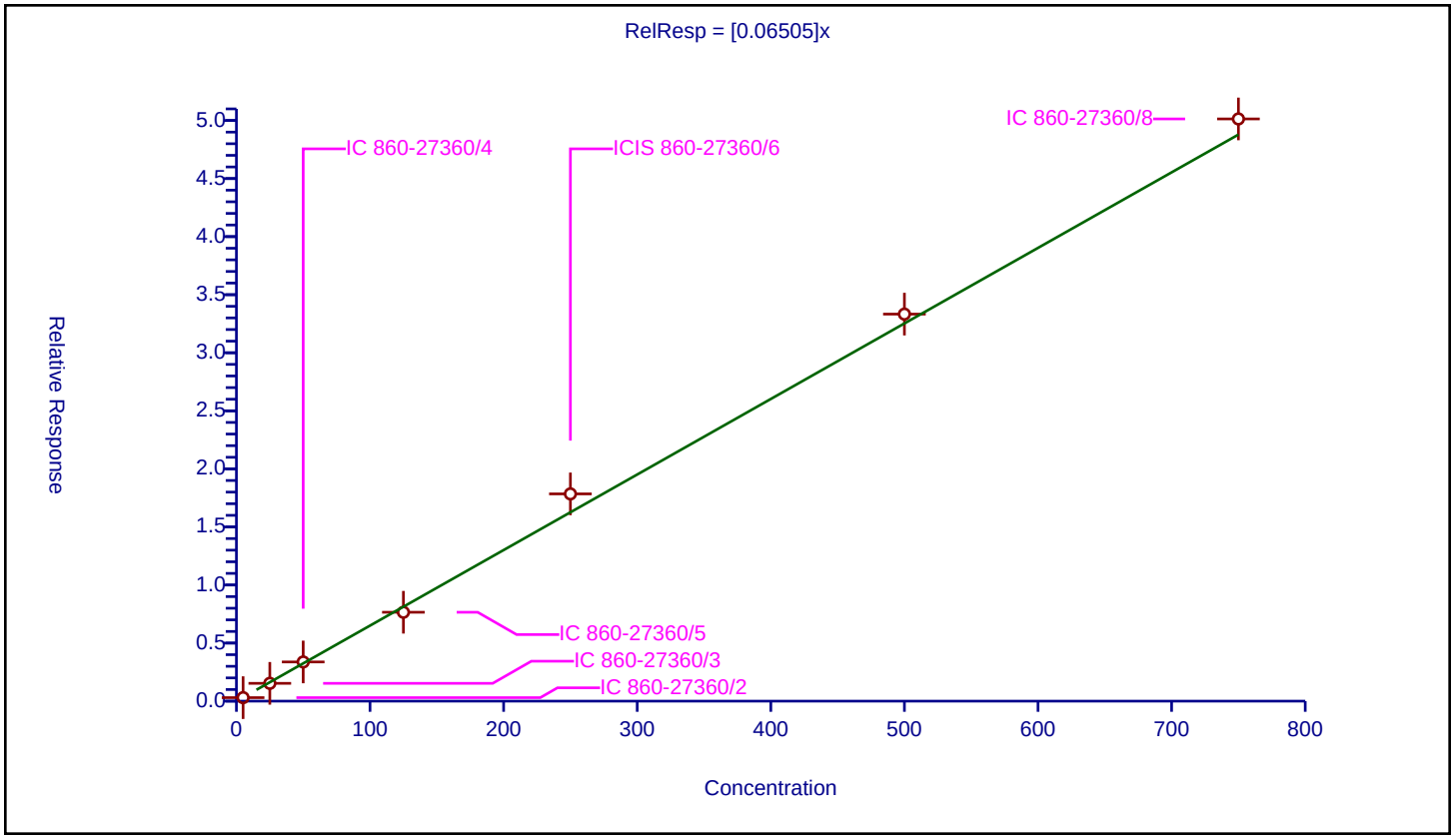
Curve Coefficients

Intercept:	0
Slope:	0.06505

Error Coefficients

Standard Error:	277000
Relative Standard Error:	6.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	5.0	0.301775	50.0	556210.0	0.060355	Y
2	IC 860-27360/3	25.0	1.534052	50.0	551448.0	0.061362	Y
3	IC 860-27360/4	50.0	3.374806	50.0	554743.0	0.067496	Y
4	IC 860-27360/5	125.0	7.654403	50.0	542557.0	0.061235	Y
5	ICIS 860-27360/6	250.0	17.846117	50.0	545791.0	0.071384	Y
6	IC 860-27360/7	500.0	33.329326	50.0	532315.0	0.066659	Y
7	IC 860-27360/8	750.0	50.135851	50.0	534408.0	0.066848	Y



Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

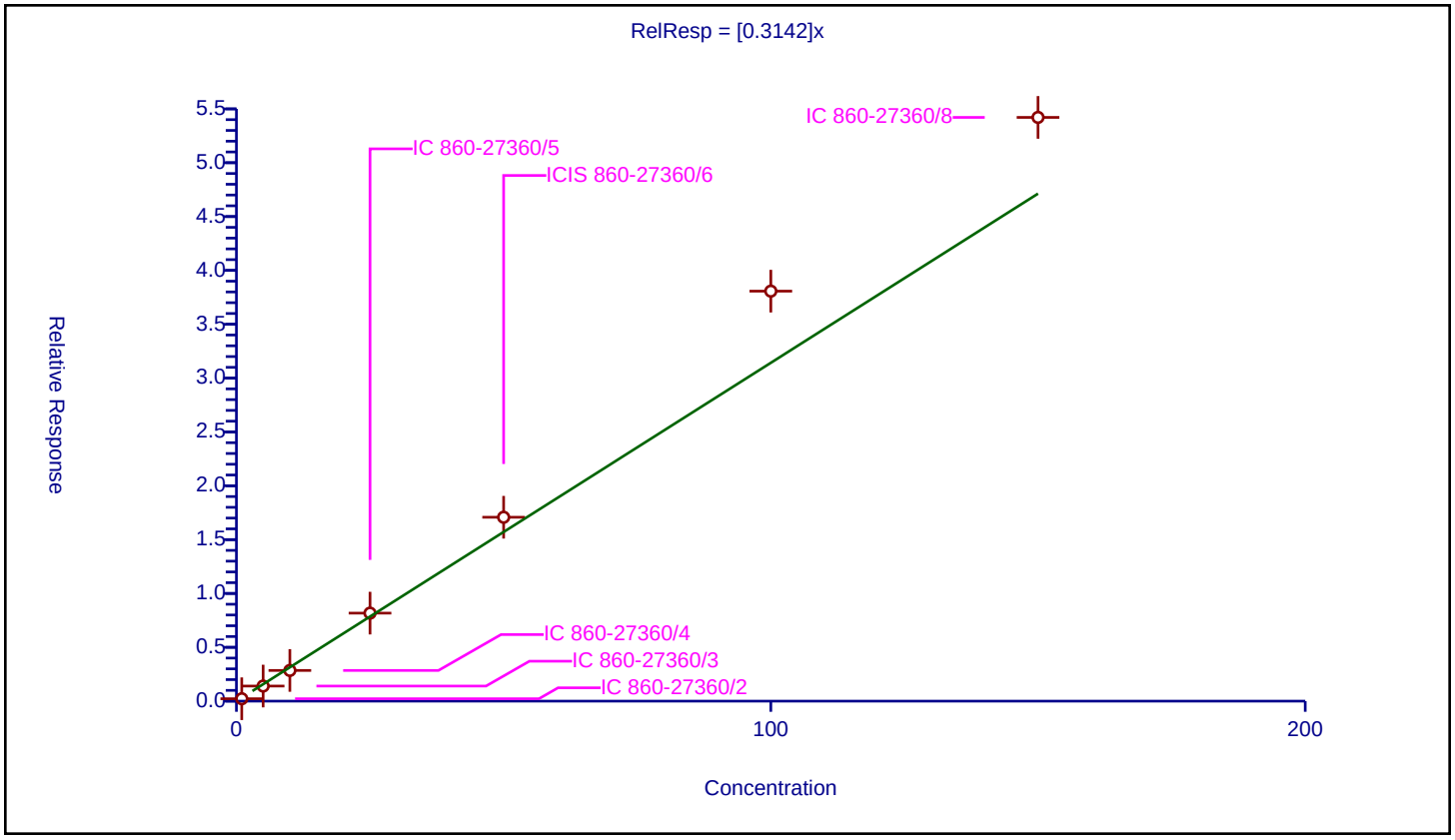
Curve Coefficients

Intercept:	0
Slope:	0.3142

Error Coefficients

Standard Error:	301000
Relative Standard Error:	17.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.970

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	0.223297	50.0	556210.0	0.223297	Y
2	IC 860-27360/3	5.0	1.401855	50.0	551448.0	0.280371	Y
3	IC 860-27360/4	10.0	2.85105	50.0	554743.0	0.285105	Y
4	IC 860-27360/5	25.0	8.172782	50.0	542557.0	0.326911	Y
5	ICIS 860-27360/6	50.0	17.076775	50.0	545791.0	0.341535	Y
6	IC 860-27360/7	100.0	38.0752	50.0	532315.0	0.380752	Y
7	IC 860-27360/8	150.0	54.208489	50.0	534408.0	0.36139	Y



Calibration / 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

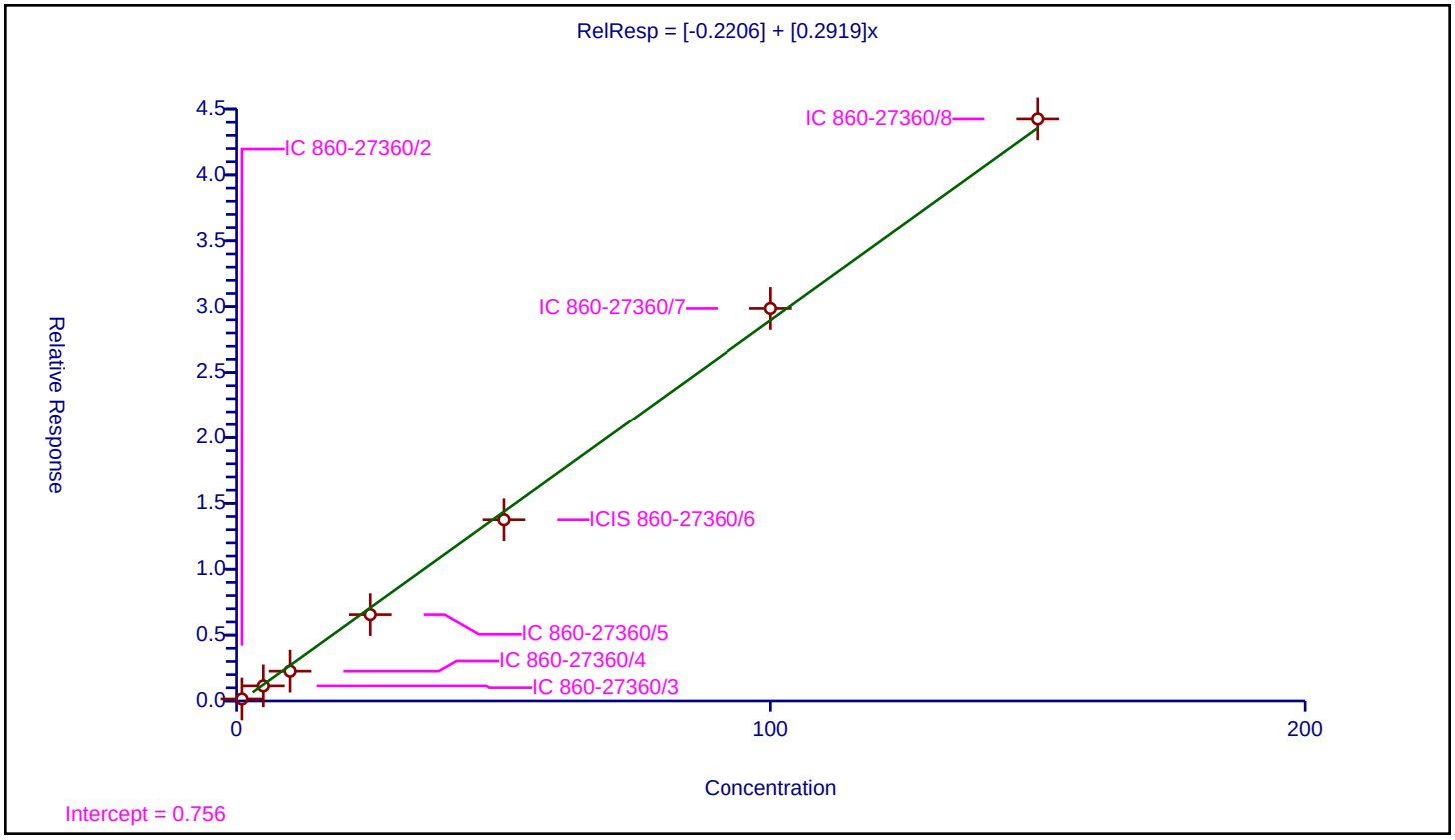
Curve Coefficients

Intercept:	-0.2206
Slope:	0.2919

Error Coefficients

Standard Error:	266000
Relative Standard Error:	15.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	0.15291	50.0	556210.0	0.15291	Y
2	IC 860-27360/3	5.0	1.146164	50.0	551448.0	0.229233	Y
3	IC 860-27360/4	10.0	2.263931	50.0	554743.0	0.226393	Y
4	IC 860-27360/5	25.0	6.555717	50.0	542557.0	0.262229	Y
5	ICIS 860-27360/6	50.0	13.755632	50.0	545791.0	0.275113	Y
6	IC 860-27360/7	100.0	29.866714	50.0	532315.0	0.298667	Y
7	IC 860-27360/8	150.0	44.249431	50.0	534408.0	0.294996	Y



Calibration / Acetone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

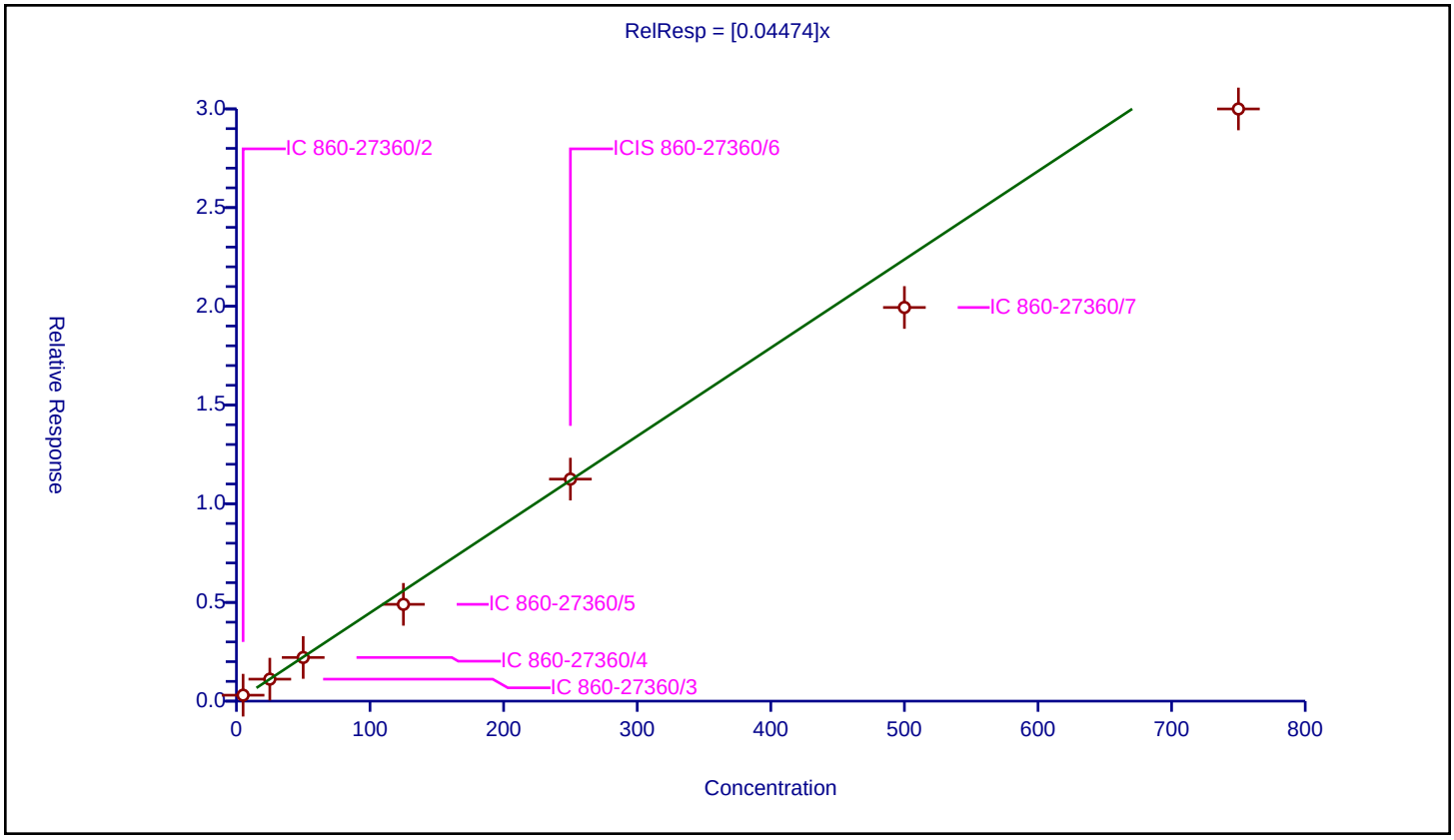
Curve Coefficients

Intercept:	0
Slope:	0.04474

Error Coefficients

Standard Error:	167000
Relative Standard Error:	16.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.963

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	5.0	0.301505	50.0	556210.0	0.060301	Y
2	IC 860-27360/3	25.0	1.113976	50.0	551448.0	0.044559	Y
3	IC 860-27360/4	50.0	2.211925	50.0	554743.0	0.044239	Y
4	IC 860-27360/5	125.0	4.903724	50.0	542557.0	0.03923	Y
5	ICIS 860-27360/6	250.0	11.247162	50.0	545791.0	0.044989	Y
6	IC 860-27360/7	500.0	19.940825	50.0	532315.0	0.039882	Y
7	IC 860-27360/8	750.0	29.997025	50.0	534408.0	0.039996	Y



Calibration / Iodomethane

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

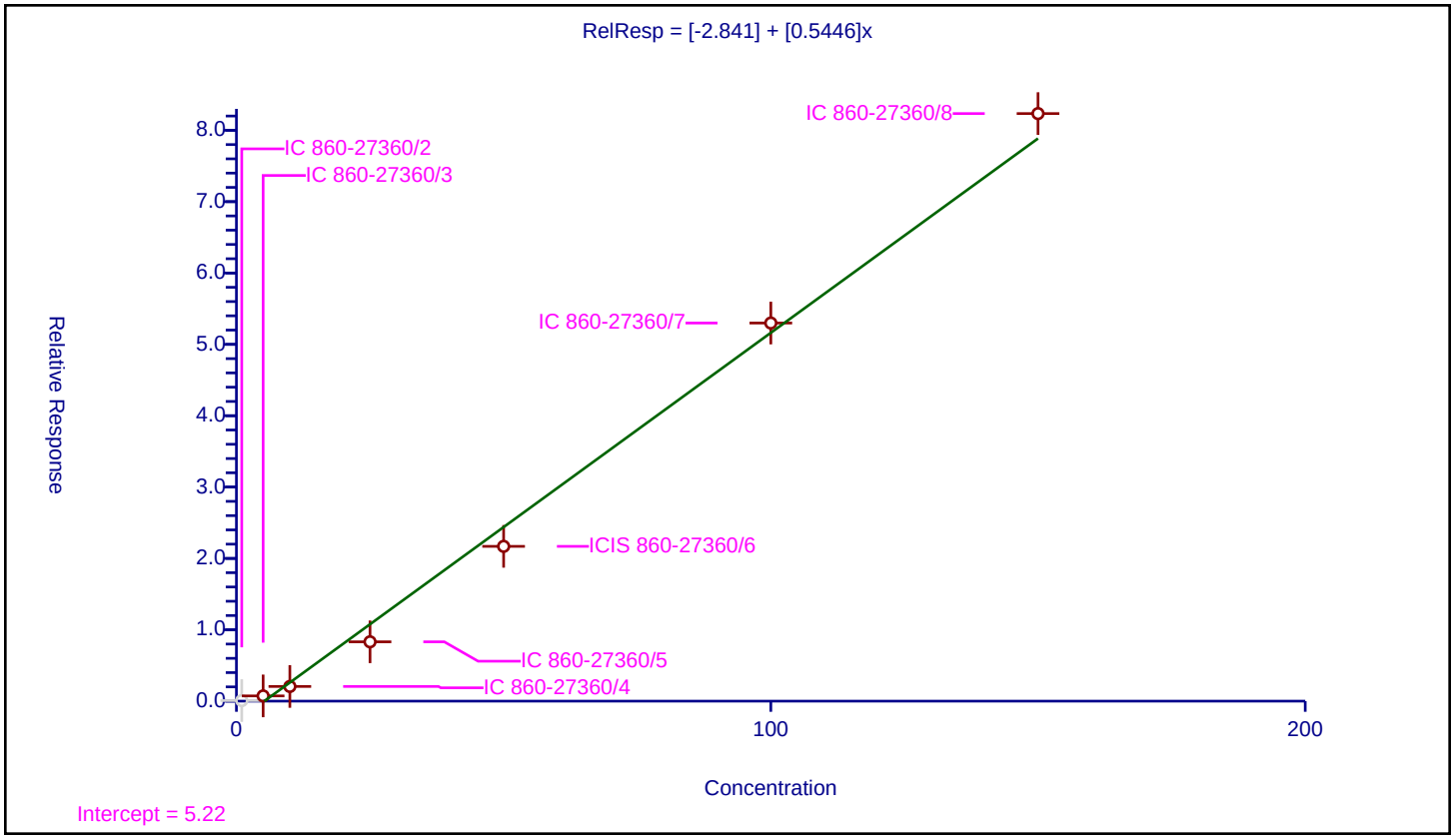
Curve Coefficients

Intercept:	-2.841
Slope:	0.5446

Error Coefficients

Standard Error:	538000
Relative Standard Error:	19.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	0.079376	50.0	556210.0	0.079376	N
2	IC 860-27360/3	5.0	0.732617	50.0	551448.0	0.146523	Y
3	IC 860-27360/4	10.0	2.0578	50.0	554743.0	0.20578	Y
4	IC 860-27360/5	25.0	8.314979	50.0	542557.0	0.332599	Y
5	ICIS 860-27360/6	50.0	21.691362	50.0	545791.0	0.433827	Y
6	IC 860-27360/7	100.0	52.988926	50.0	532315.0	0.529889	Y
7	IC 860-27360/8	150.0	82.342517	50.0	534408.0	0.54895	Y



Calibration / Carbon disulfide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

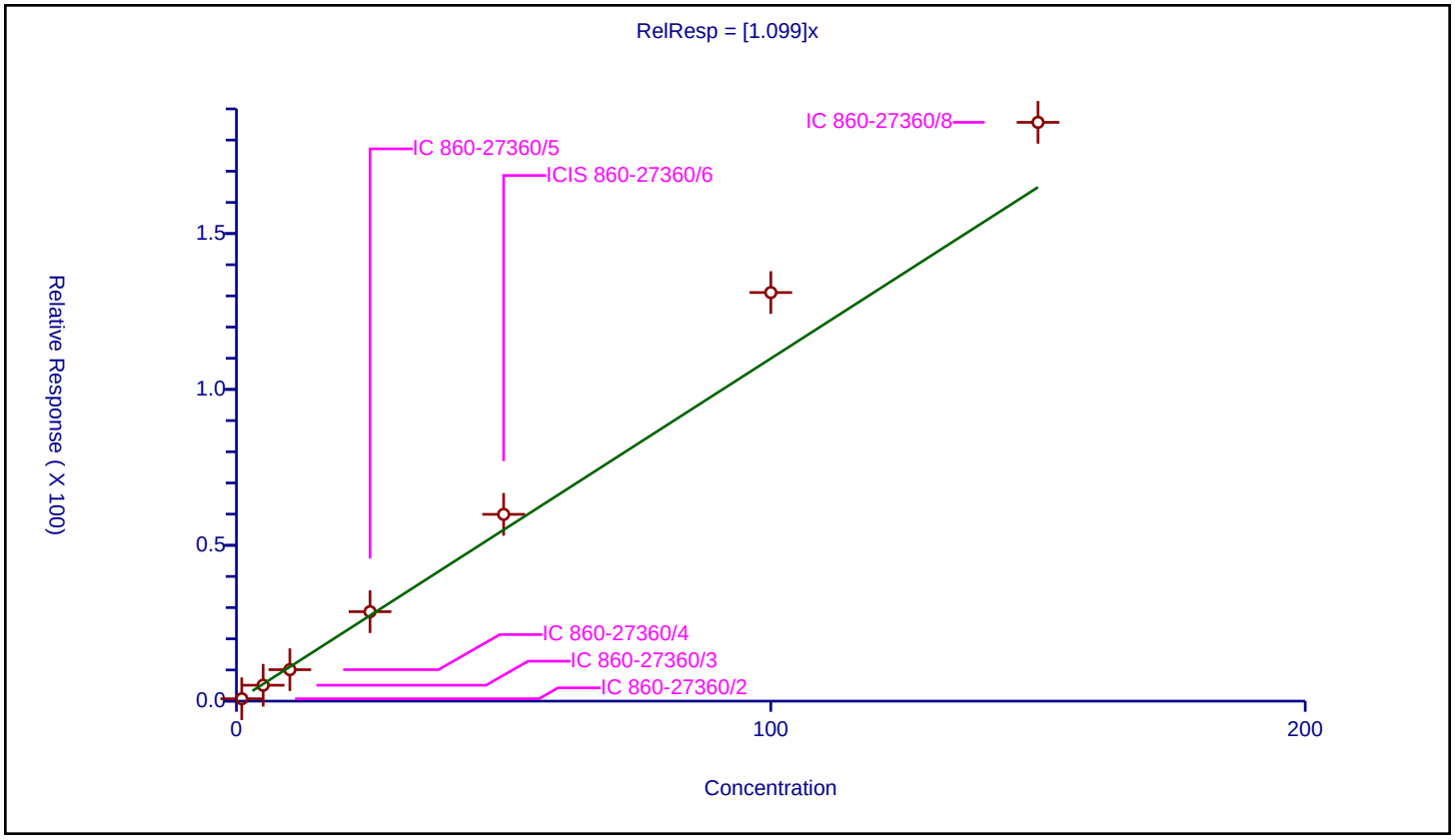
Curve Coefficients

Intercept:	0
Slope:	1.099

Error Coefficients

Standard Error:	1030000
Relative Standard Error:	16.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.973

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	0.767606	50.0	556210.0	0.767606	Y
2	IC 860-27360/3	5.0	5.108913	50.0	551448.0	1.021783	Y
3	IC 860-27360/4	10.0	10.099271	50.0	554743.0	1.009927	Y
4	IC 860-27360/5	25.0	28.695602	50.0	542557.0	1.147824	Y
5	ICIS 860-27360/6	50.0	59.928251	50.0	545791.0	1.198565	Y
6	IC 860-27360/7	100.0	131.082818	50.0	532315.0	1.310828	Y
7	IC 860-27360/8	150.0	185.68444	50.0	534408.0	1.237896	Y



Calibration / Isopropyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

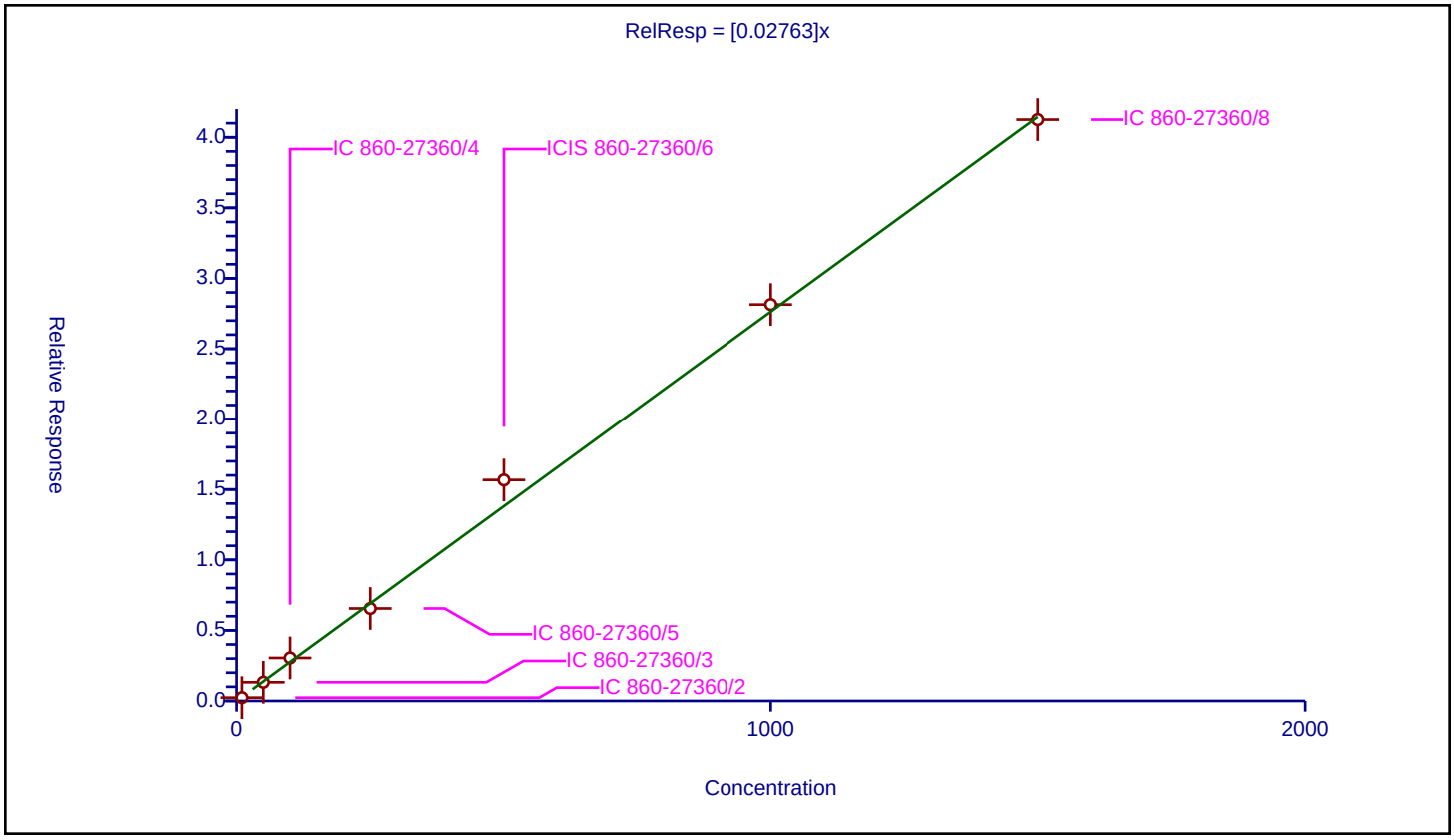
Curve Coefficients

Intercept:	0
Slope:	0.02763

Error Coefficients

Standard Error:	231000
Relative Standard Error:	9.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	10.0	0.232916	50.0	556210.0	0.023292	Y
2	IC 860-27360/3	50.0	1.323878	50.0	551448.0	0.026478	Y
3	IC 860-27360/4	100.0	3.044743	50.0	554743.0	0.030447	Y
4	IC 860-27360/5	250.0	6.550648	50.0	542557.0	0.026203	Y
5	ICIS 860-27360/6	500.0	15.675689	50.0	545791.0	0.031351	Y
6	IC 860-27360/7	1000.0	28.139917	50.0	532315.0	0.02814	Y
7	IC 860-27360/8	1500.0	41.254061	50.0	534408.0	0.027503	Y



Calibration / Acetonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

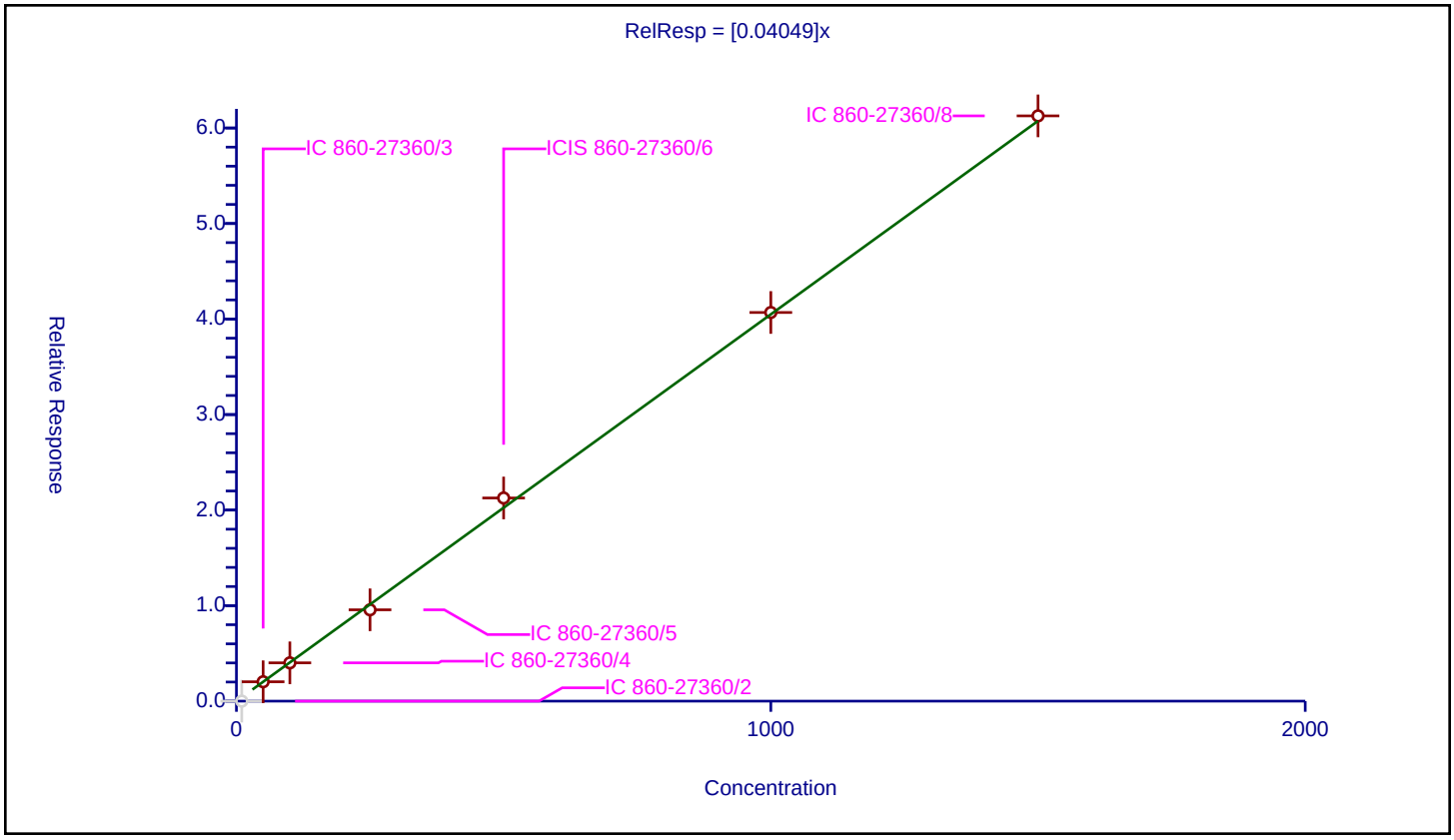
Curve Coefficients

Intercept:	0
Slope:	0.04049

Error Coefficients

Standard Error:	370000
Relative Standard Error:	3.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	10.0	0.0	50.0	556210.0	0.0	N
2	IC 860-27360/3	50.0	2.027208	50.0	551448.0	0.040544	Y
3	IC 860-27360/4	100.0	4.009424	50.0	554743.0	0.040094	Y
4	IC 860-27360/5	250.0	9.56176	50.0	542557.0	0.038247	Y
5	ICIS 860-27360/6	500.0	21.267848	50.0	545791.0	0.042536	Y
6	IC 860-27360/7	1000.0	40.68559	50.0	532315.0	0.040686	Y
7	IC 860-27360/8	1500.0	61.268263	50.0	534408.0	0.040846	Y



Calibration / 3-Chloro-1-propene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

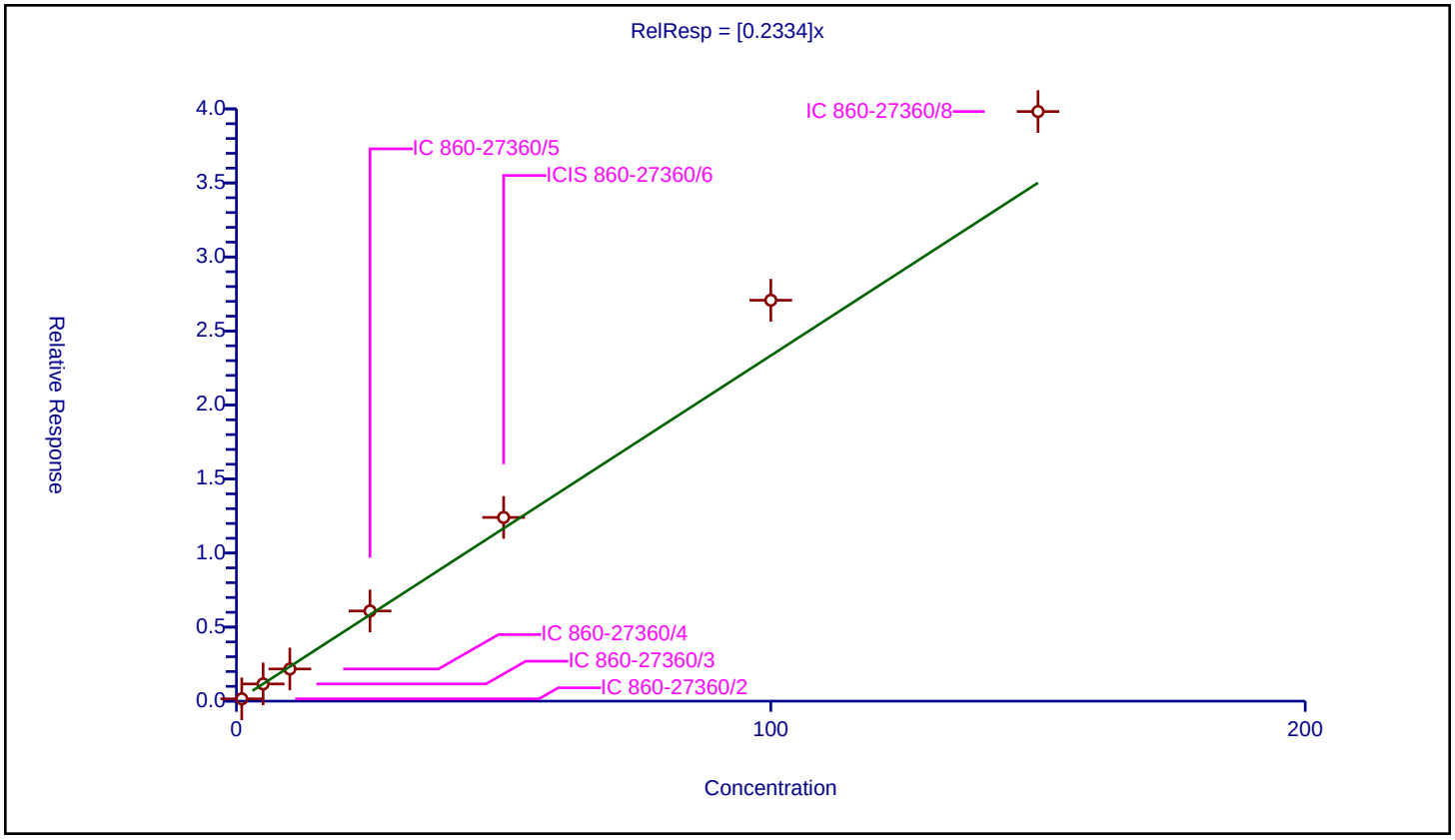
Curve Coefficients

Intercept:	0
Slope:	0.2334

Error Coefficients

Standard Error:	219000
Relative Standard Error:	16.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.973

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	0.155876	50.0	556210.0	0.155876	Y
2	IC 860-27360/3	5.0	1.162666	50.0	551448.0	0.232533	Y
3	IC 860-27360/4	10.0	2.173078	50.0	554743.0	0.217308	Y
4	IC 860-27360/5	25.0	6.090144	50.0	542557.0	0.243606	Y
5	ICIS 860-27360/6	50.0	12.407405	50.0	545791.0	0.248148	Y
6	IC 860-27360/7	100.0	27.076261	50.0	532315.0	0.270763	Y
7	IC 860-27360/8	150.0	39.822757	50.0	534408.0	0.265485	Y



Calibration / Methyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

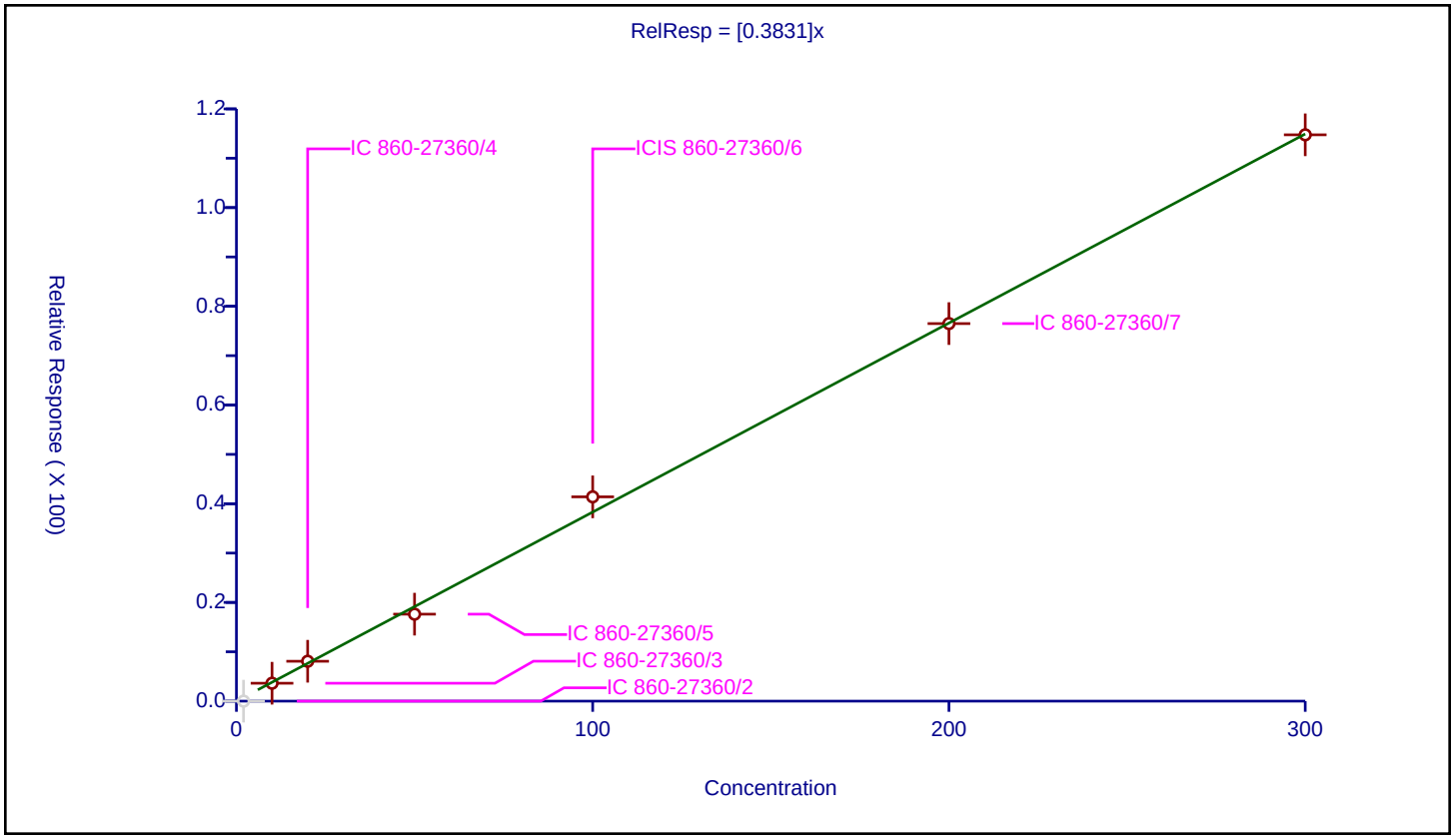
Curve Coefficients

Intercept:	0
Slope:	0.3831

Error Coefficients

Standard Error:	695000
Relative Standard Error:	6.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	2.0	0.0	50.0	556210.0	0.0	N
2	IC 860-27360/3	10.0	3.628175	50.0	551448.0	0.362818	Y
3	IC 860-27360/4	20.0	8.083833	50.0	554743.0	0.404192	Y
4	IC 860-27360/5	50.0	17.622757	50.0	542557.0	0.352455	Y
5	ICIS 860-27360/6	100.0	41.392035	50.0	545791.0	0.41392	Y
6	IC 860-27360/7	200.0	76.500662	50.0	532315.0	0.382503	Y
7	IC 860-27360/8	300.0	114.750621	50.0	534408.0	0.382502	Y



Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

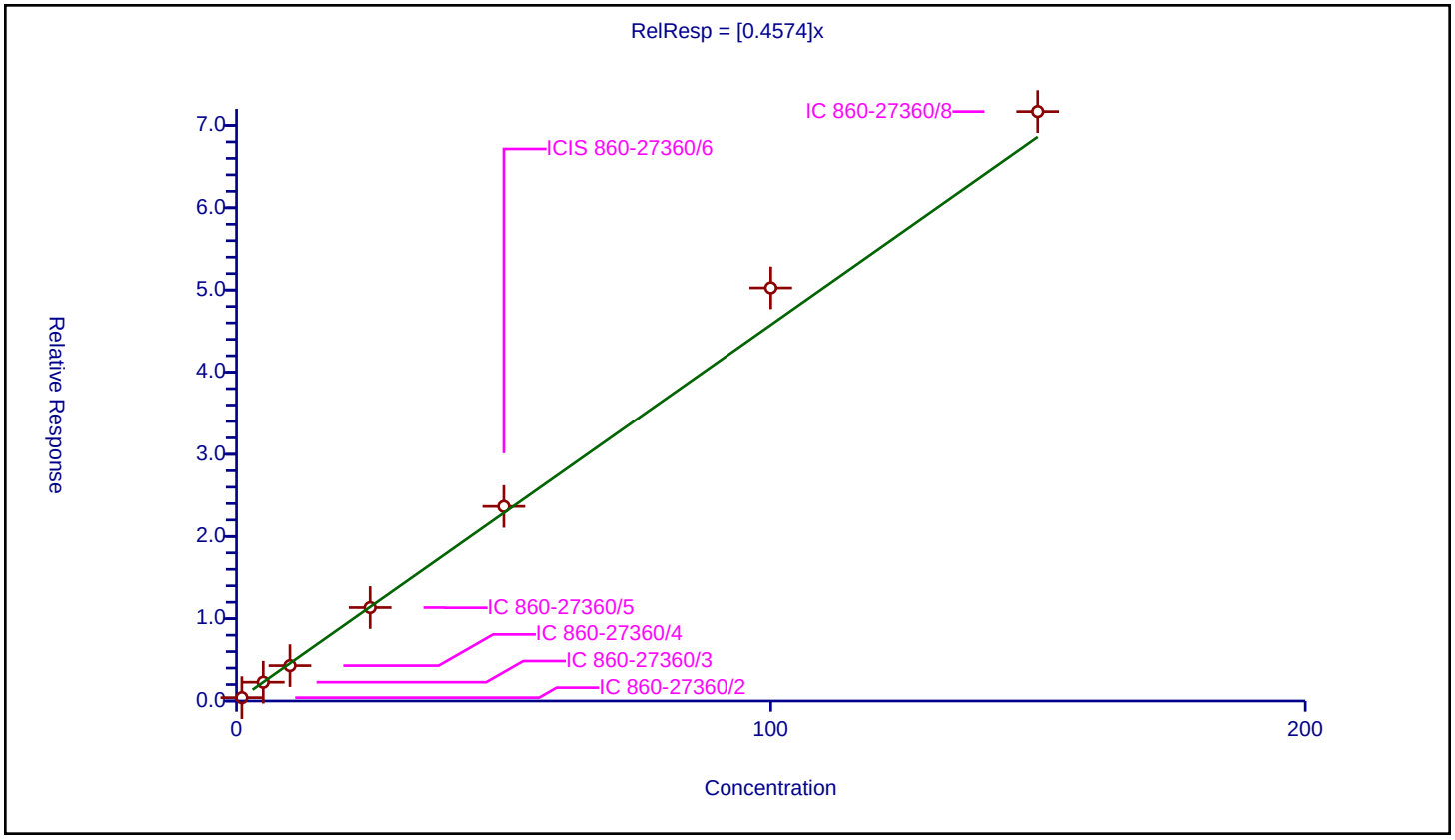
Curve Coefficients

Intercept:	0
Slope:	0.4574

Error Coefficients

Standard Error:	400000
Relative Standard Error:	6.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	0.40749	50.0	556210.0	0.40749	Y
2	IC 860-27360/3	5.0	2.283352	50.0	551448.0	0.45667	Y
3	IC 860-27360/4	10.0	4.299378	50.0	554743.0	0.429938	Y
4	IC 860-27360/5	25.0	11.355673	50.0	542557.0	0.454227	Y
5	ICIS 860-27360/6	50.0	23.656583	50.0	545791.0	0.473132	Y
6	IC 860-27360/7	100.0	50.261781	50.0	532315.0	0.502618	Y
7	IC 860-27360/8	150.0	71.680907	50.0	534408.0	0.477873	Y



Calibration / 2-Methyl-2-propanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

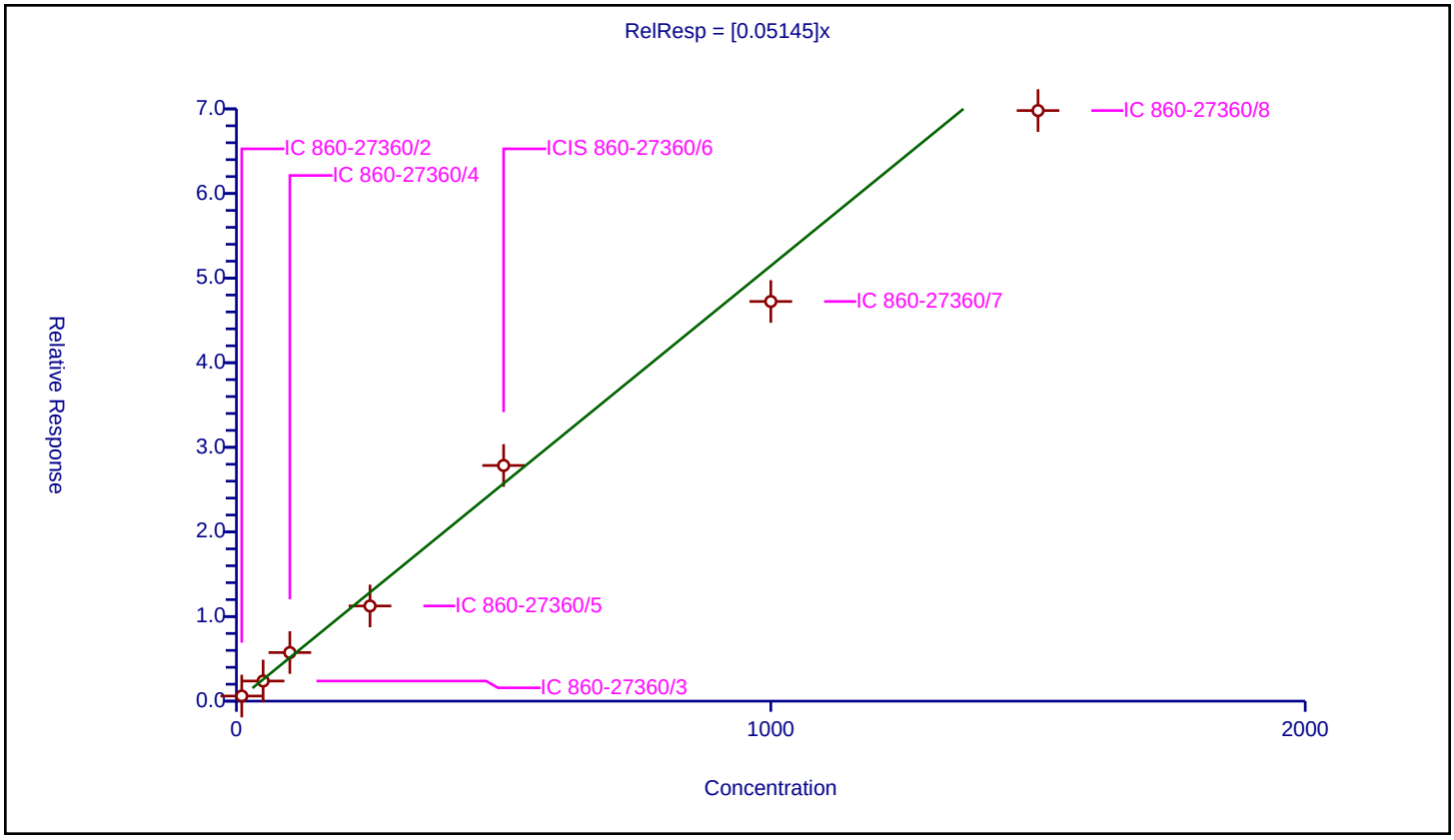
Curve Coefficients

Intercept:	0
Slope:	0.05145

Error Coefficients

Standard Error:	392000
Relative Standard Error:	12.2
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	10.0	0.606516	50.0	556210.0	0.060652	Y
2	IC 860-27360/3	50.0	2.379463	50.0	551448.0	0.047589	Y
3	IC 860-27360/4	100.0	5.744642	50.0	554743.0	0.057446	Y
4	IC 860-27360/5	250.0	11.250615	50.0	542557.0	0.045002	Y
5	ICIS 860-27360/6	500.0	27.853336	50.0	545791.0	0.055707	Y
6	IC 860-27360/7	1000.0	47.237632	50.0	532315.0	0.047238	Y
7	IC 860-27360/8	1500.0	69.802099	50.0	534408.0	0.046535	Y



Calibration / Acrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

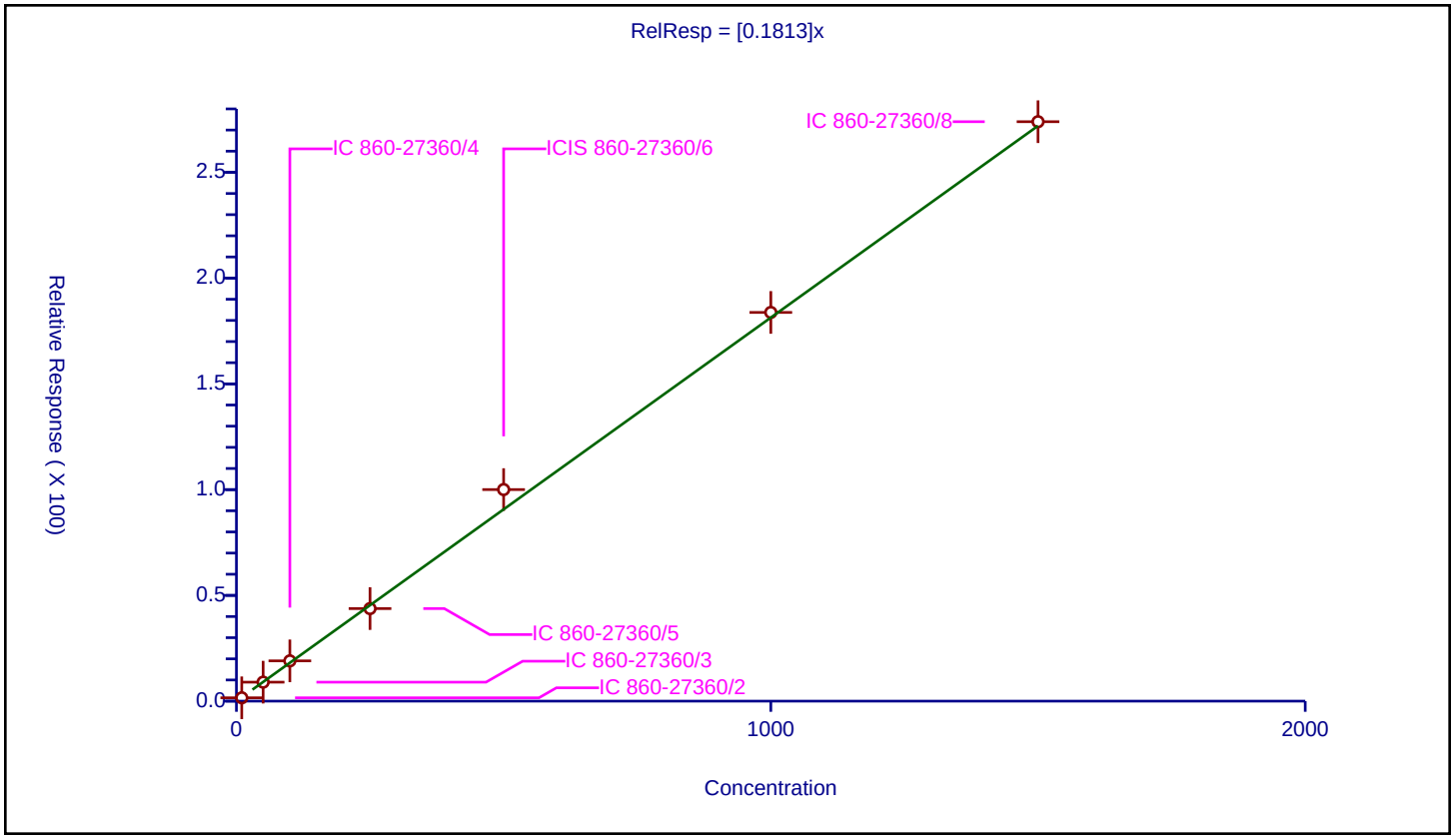
Curve Coefficients

Intercept:	0
Slope:	0.1813

Error Coefficients

Standard Error:	1520000
Relative Standard Error:	7.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	10.0	1.57899	50.0	556210.0	0.157899	Y
2	IC 860-27360/3	50.0	8.973104	50.0	551448.0	0.179462	Y
3	IC 860-27360/4	100.0	19.042421	50.0	554743.0	0.190424	Y
4	IC 860-27360/5	250.0	43.758628	50.0	542557.0	0.175035	Y
5	ICIS 860-27360/6	500.0	100.024368	50.0	545791.0	0.200049	Y
6	IC 860-27360/7	1000.0	183.77596	50.0	532315.0	0.183776	Y
7	IC 860-27360/8	1500.0	273.945375	50.0	534408.0	0.18263	Y



Calibration / trans-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

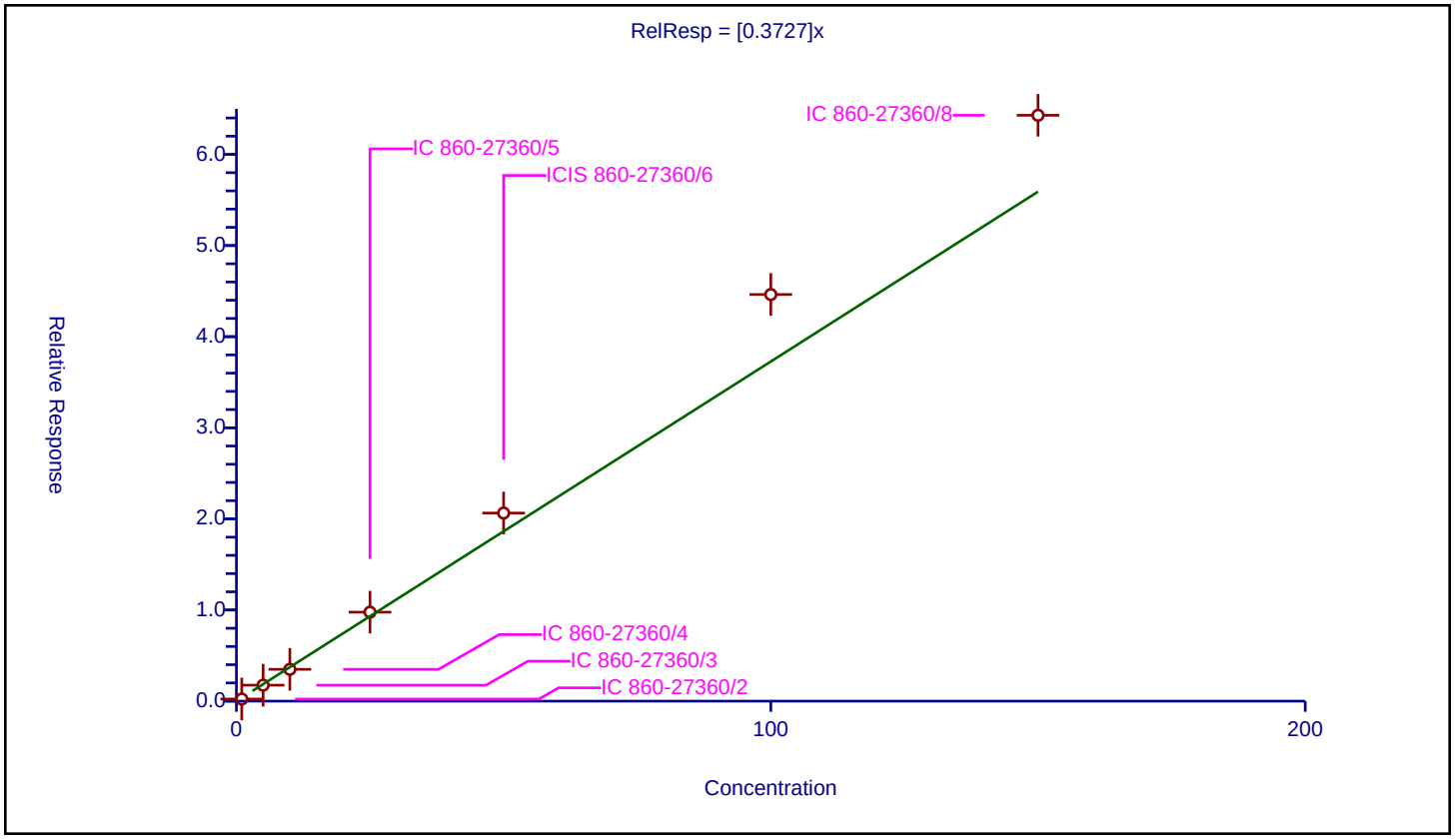
Curve Coefficients

Intercept:	0
Slope:	0.3727

Error Coefficients

Standard Error:	356000
Relative Standard Error:	19.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.964

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	0.231028	50.0	556210.0	0.231028	Y
2	IC 860-27360/3	5.0	1.753384	50.0	551448.0	0.350677	Y
3	IC 860-27360/4	10.0	3.492067	50.0	554743.0	0.349207	Y
4	IC 860-27360/5	25.0	9.763767	50.0	542557.0	0.390551	Y
5	ICIS 860-27360/6	50.0	20.640593	50.0	545791.0	0.412812	Y
6	IC 860-27360/7	100.0	44.624893	50.0	532315.0	0.446249	Y
7	IC 860-27360/8	150.0	64.297784	50.0	534408.0	0.428652	Y



Calibration / Methyl tert-butyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

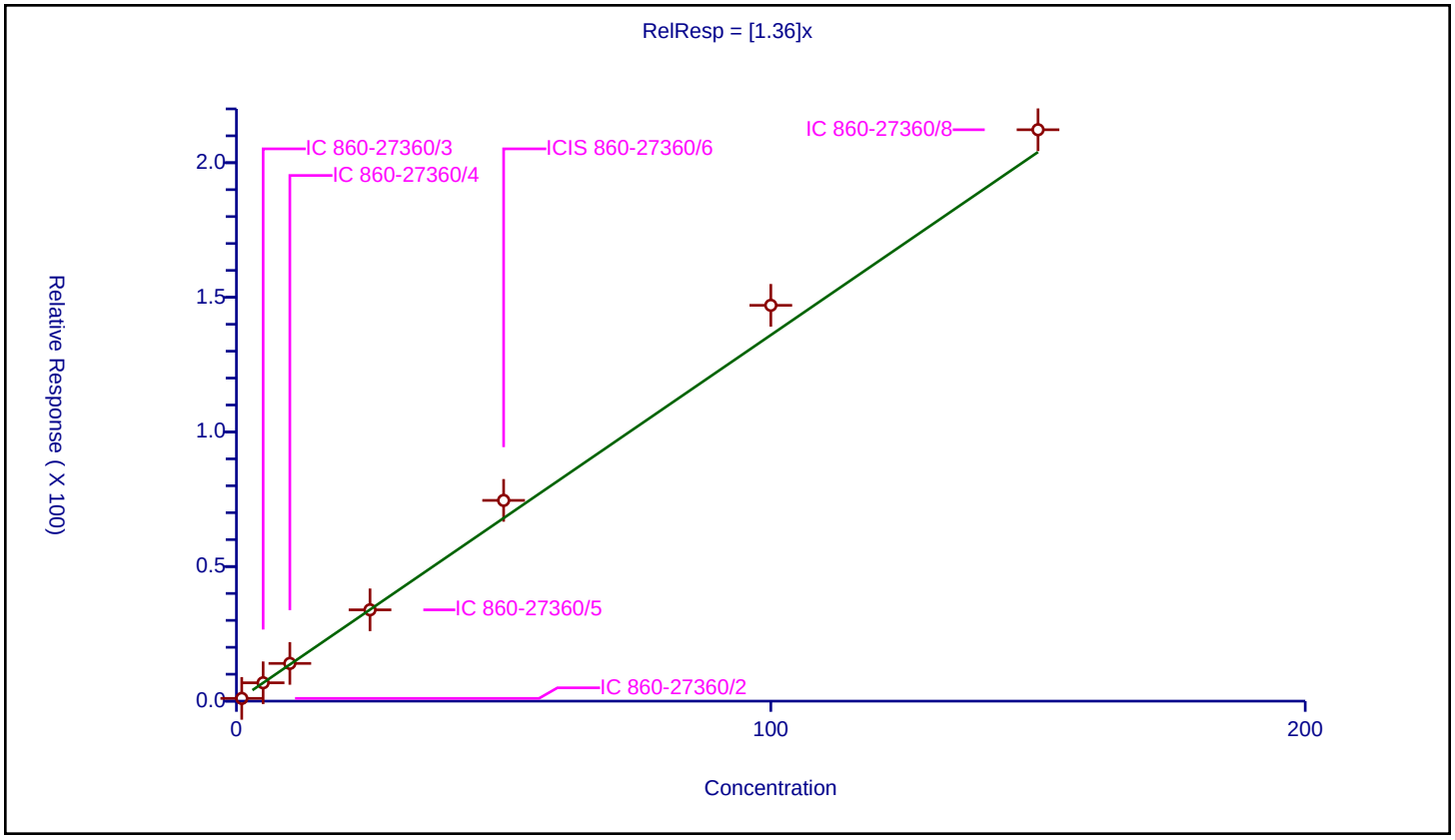
Curve Coefficients

Intercept:	0
Slope:	1.36

Error Coefficients

Standard Error:	1180000
Relative Standard Error:	11.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	1.020208	50.0	556210.0	1.020208	Y
2	IC 860-27360/3	5.0	6.816962	50.0	551448.0	1.363392	Y
3	IC 860-27360/4	10.0	14.01604	50.0	554743.0	1.401604	Y
4	IC 860-27360/5	25.0	33.92298	50.0	542557.0	1.356919	Y
5	ICIS 860-27360/6	50.0	74.568287	50.0	545791.0	1.491366	Y
6	IC 860-27360/7	100.0	147.035966	50.0	532315.0	1.47036	Y
7	IC 860-27360/8	150.0	212.248413	50.0	534408.0	1.414989	Y



Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

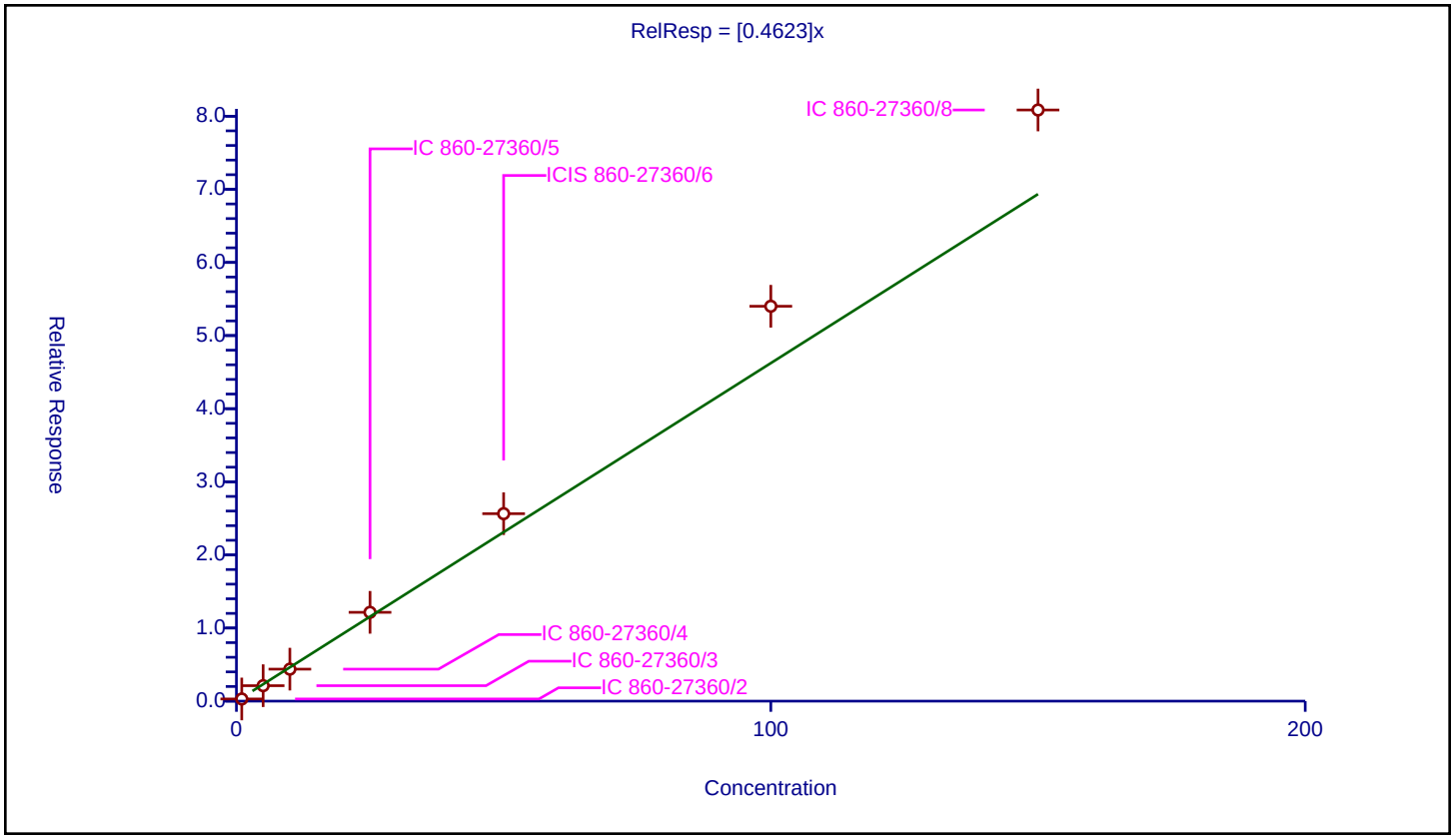
Curve Coefficients

Intercept:	0
Slope:	0.4623

Error Coefficients

Standard Error:	443000
Relative Standard Error:	18.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.967

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	0.297729	50.0	556210.0	0.297729	Y
2	IC 860-27360/3	5.0	2.113436	50.0	551448.0	0.422687	Y
3	IC 860-27360/4	10.0	4.378153	50.0	554743.0	0.437815	Y
4	IC 860-27360/5	25.0	12.146926	50.0	542557.0	0.485877	Y
5	ICIS 860-27360/6	50.0	25.640034	50.0	545791.0	0.512801	Y
6	IC 860-27360/7	100.0	54.008998	50.0	532315.0	0.54009	Y
7	IC 860-27360/8	150.0	80.85227	50.0	534408.0	0.539015	Y



Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

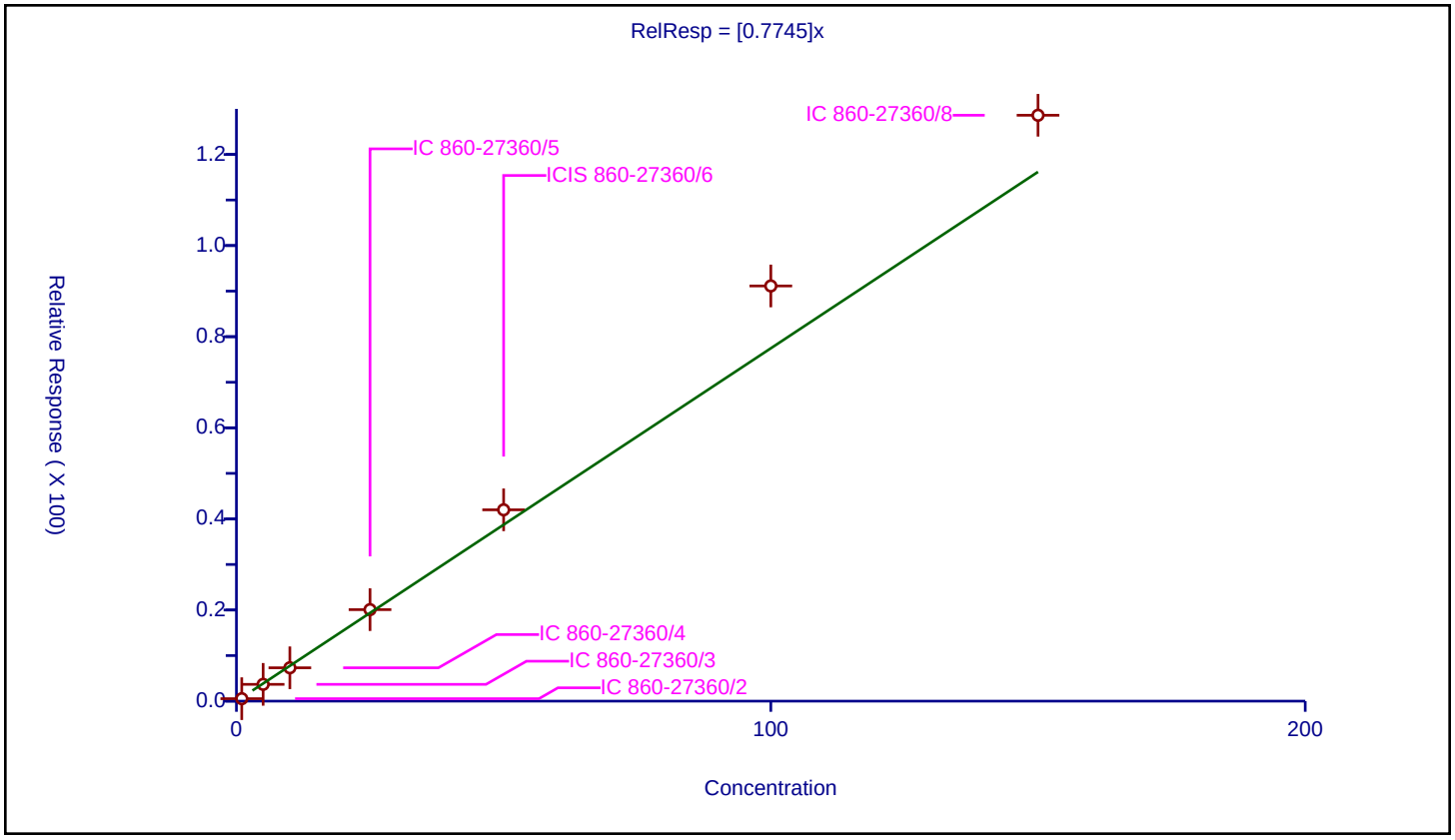
Curve Coefficients

Intercept:	0
Slope:	0.7745

Error Coefficients

Standard Error:	718000
Relative Standard Error:	15.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	0.539814	50.0	556210.0	0.539814	Y
2	IC 860-27360/3	5.0	3.686567	50.0	551448.0	0.737313	Y
3	IC 860-27360/4	10.0	7.32249	50.0	554743.0	0.732249	Y
4	IC 860-27360/5	25.0	20.086369	50.0	542557.0	0.803455	Y
5	ICIS 860-27360/6	50.0	41.99712	50.0	545791.0	0.839942	Y
6	IC 860-27360/7	100.0	91.136921	50.0	532315.0	0.911369	Y
7	IC 860-27360/8	150.0	128.60221	50.0	534408.0	0.857348	Y



Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

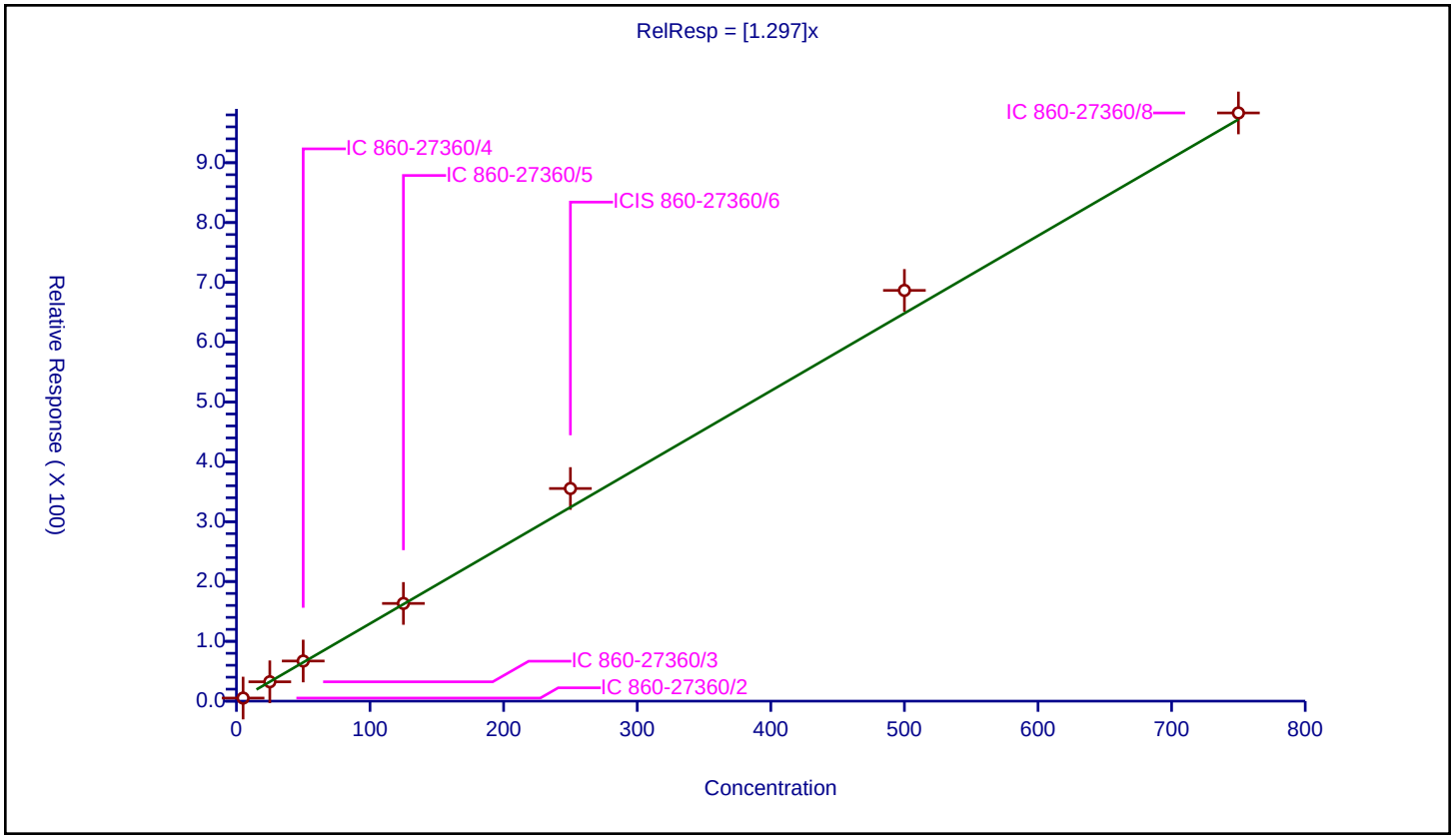
Curve Coefficients

Intercept:	0
Slope:	1.297

Error Coefficients

Standard Error:	5520000
Relative Standard Error:	9.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	5.0	5.140145	50.0	556210.0	1.028029	Y
2	IC 860-27360/3	25.0	32.343666	50.0	551448.0	1.293747	Y
3	IC 860-27360/4	50.0	67.057899	50.0	554743.0	1.341158	Y
4	IC 860-27360/5	125.0	163.347446	50.0	542557.0	1.30678	Y
5	ICIS 860-27360/6	250.0	355.447781	50.0	545791.0	1.421791	Y
6	IC 860-27360/7	500.0	686.579563	50.0	532315.0	1.373159	Y
7	IC 860-27360/8	750.0	983.213575	50.0	534408.0	1.310951	Y



Calibration / Isopropyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

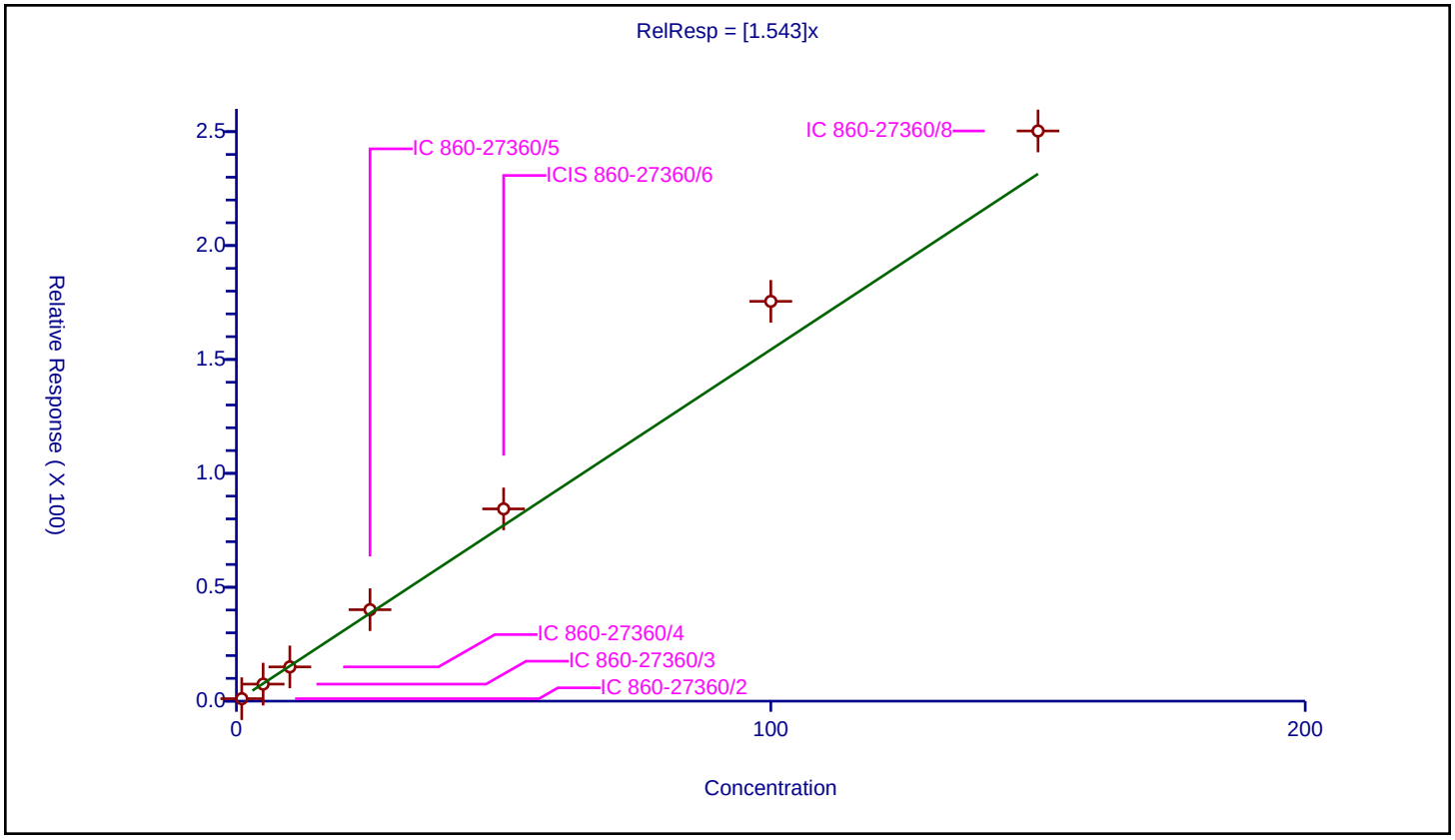
Curve Coefficients

Intercept:	0
Slope:	1.543

Error Coefficients

Standard Error:	1400000
Relative Standard Error:	14.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	1.08646	50.0	556210.0	1.08646	Y
2	IC 860-27360/3	5.0	7.472146	50.0	551448.0	1.494429	Y
3	IC 860-27360/4	10.0	15.032547	50.0	554743.0	1.503255	Y
4	IC 860-27360/5	25.0	40.144722	50.0	542557.0	1.605789	Y
5	ICIS 860-27360/6	50.0	84.393385	50.0	545791.0	1.687868	Y
6	IC 860-27360/7	100.0	175.511962	50.0	532315.0	1.75512	Y
7	IC 860-27360/8	150.0	250.312495	50.0	534408.0	1.66875	Y



Calibration / 2-Chloro-1,3-butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

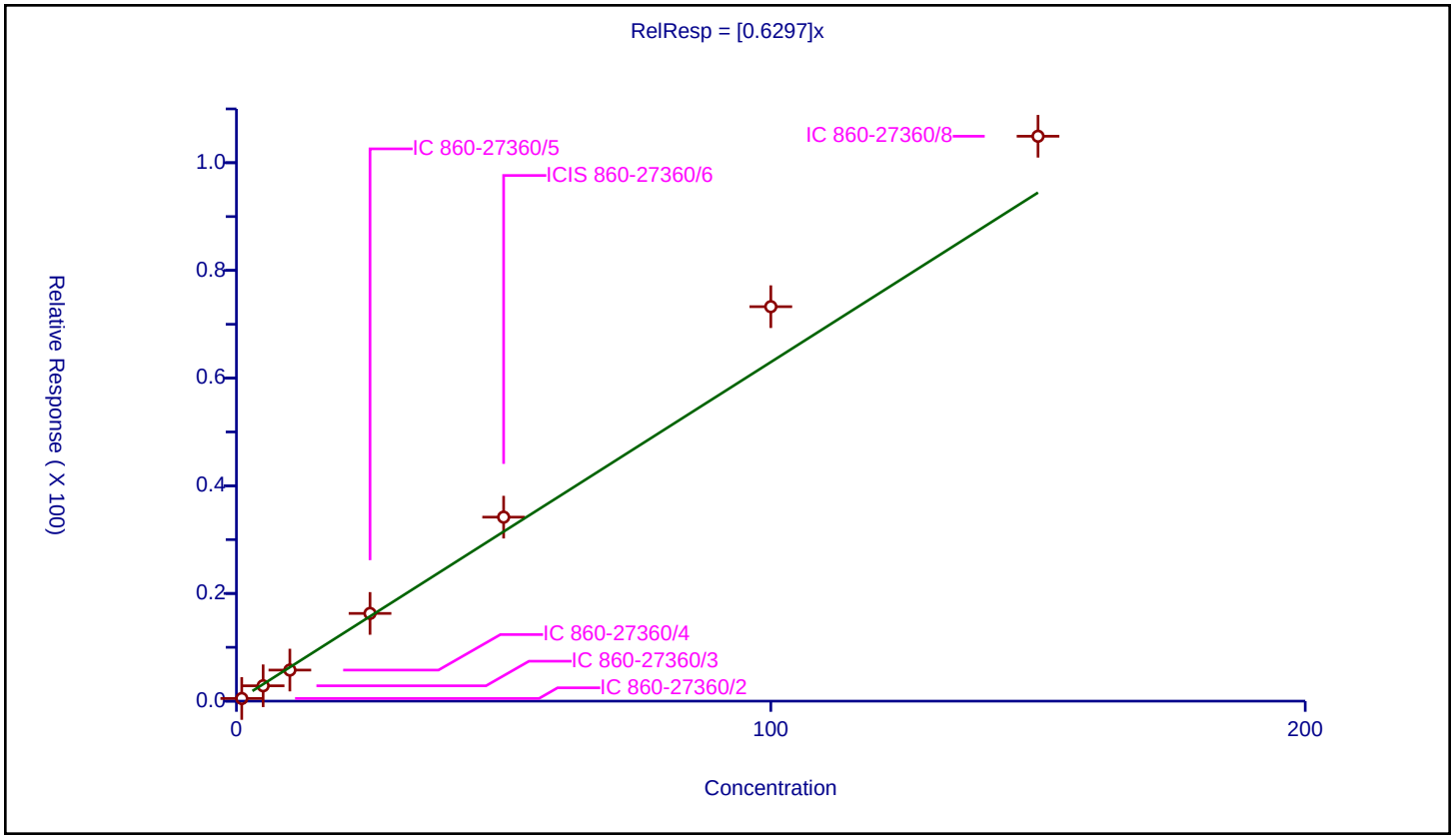
Curve Coefficients

Intercept:	0
Slope:	0.6297

Error Coefficients

Standard Error:	583000
Relative Standard Error:	13.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	0.493698	50.0	556210.0	0.493698	Y
2	IC 860-27360/3	5.0	2.851039	50.0	551448.0	0.570208	Y
3	IC 860-27360/4	10.0	5.768527	50.0	554743.0	0.576853	Y
4	IC 860-27360/5	25.0	16.292205	50.0	542557.0	0.651688	Y
5	ICIS 860-27360/6	50.0	34.174986	50.0	545791.0	0.6835	Y
6	IC 860-27360/7	100.0	73.267238	50.0	532315.0	0.732672	Y
7	IC 860-27360/8	150.0	104.921521	50.0	534408.0	0.699477	Y



Calibration / Tert-butyl ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

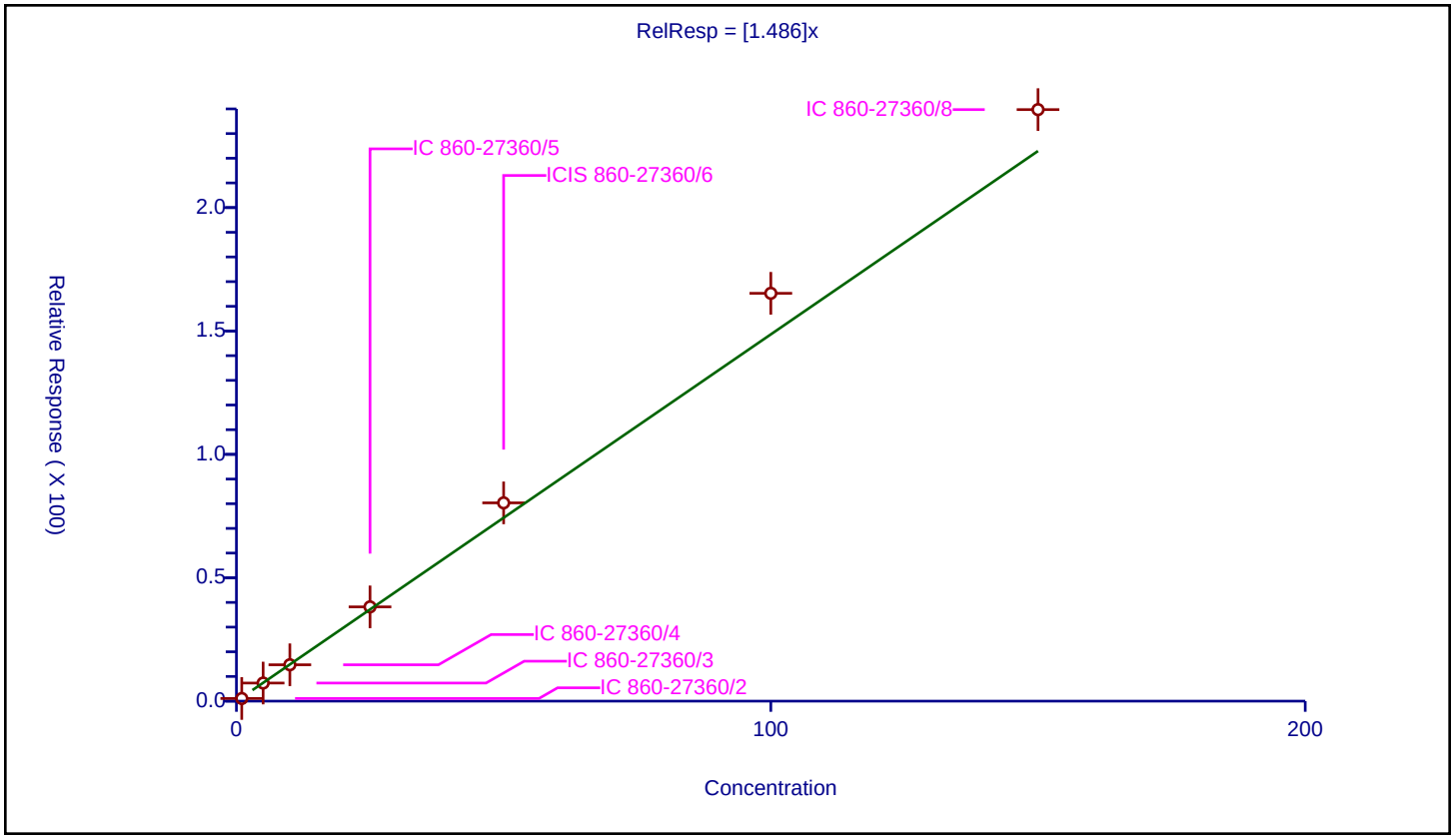
Curve Coefficients

Intercept:	0
Slope:	1.486

Error Coefficients

Standard Error:	1330000
Relative Standard Error:	13.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	1.077021	50.0	556210.0	1.077021	Y
2	IC 860-27360/3	5.0	7.331154	50.0	551448.0	1.466231	Y
3	IC 860-27360/4	10.0	14.742232	50.0	554743.0	1.474223	Y
4	IC 860-27360/5	25.0	38.206493	50.0	542557.0	1.52826	Y
5	ICIS 860-27360/6	50.0	80.348888	50.0	545791.0	1.606978	Y
6	IC 860-27360/7	100.0	165.265867	50.0	532315.0	1.652659	Y
7	IC 860-27360/8	150.0	239.709267	50.0	534408.0	1.598062	Y



Calibration / 2,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

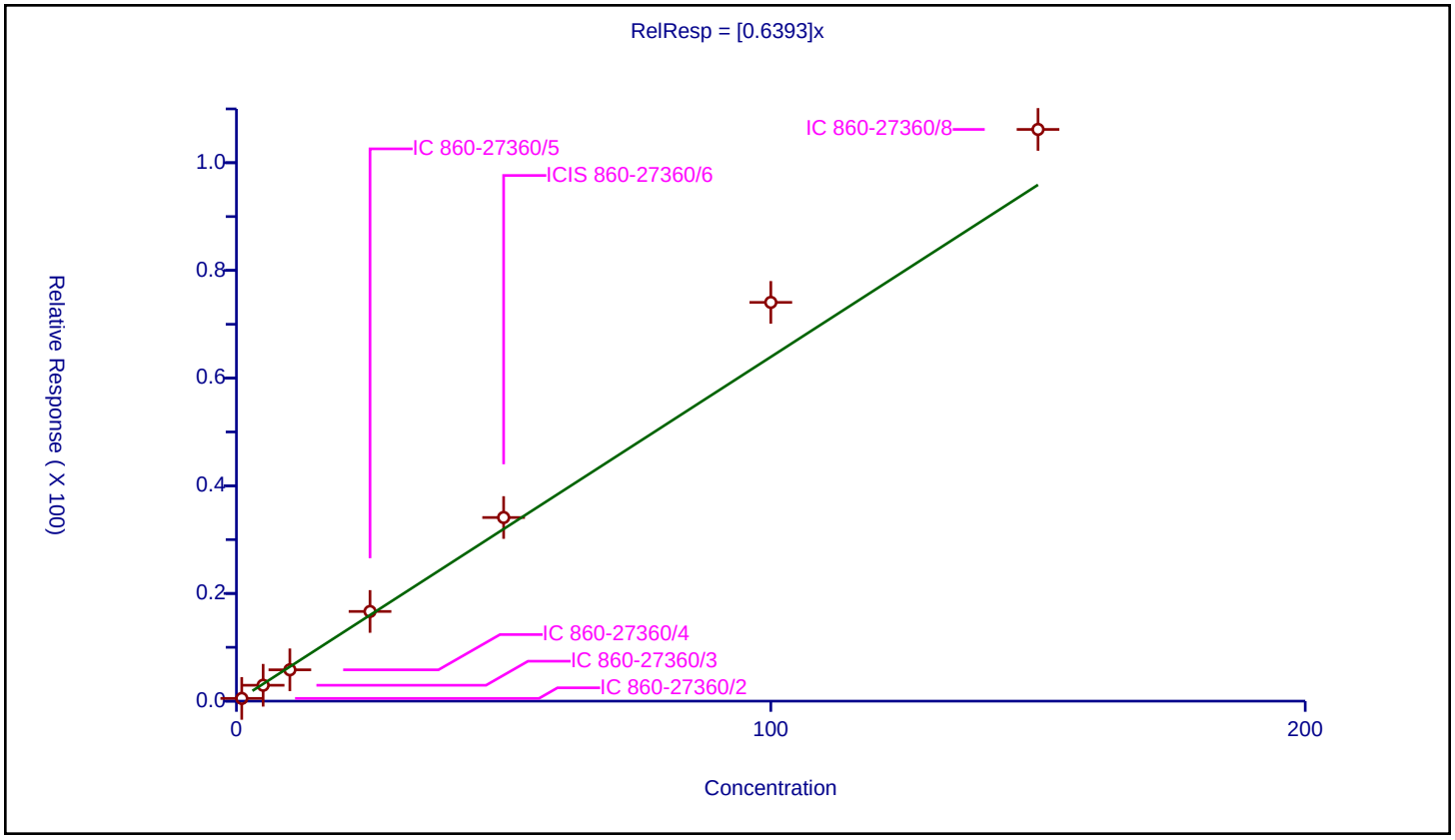
Curve Coefficients

Intercept:	0
Slope:	0.6393

Error Coefficients

Standard Error:	590000
Relative Standard Error:	12.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	0.505924	50.0	556210.0	0.505924	Y
2	IC 860-27360/3	5.0	2.952681	50.0	551448.0	0.590536	Y
3	IC 860-27360/4	10.0	5.819181	50.0	554743.0	0.581918	Y
4	IC 860-27360/5	25.0	16.65825	50.0	542557.0	0.66633	Y
5	ICIS 860-27360/6	50.0	34.105546	50.0	545791.0	0.682111	Y
6	IC 860-27360/7	100.0	74.062726	50.0	532315.0	0.740627	Y
7	IC 860-27360/8	150.0	106.184601	50.0	534408.0	0.707897	Y



Calibration / cis-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

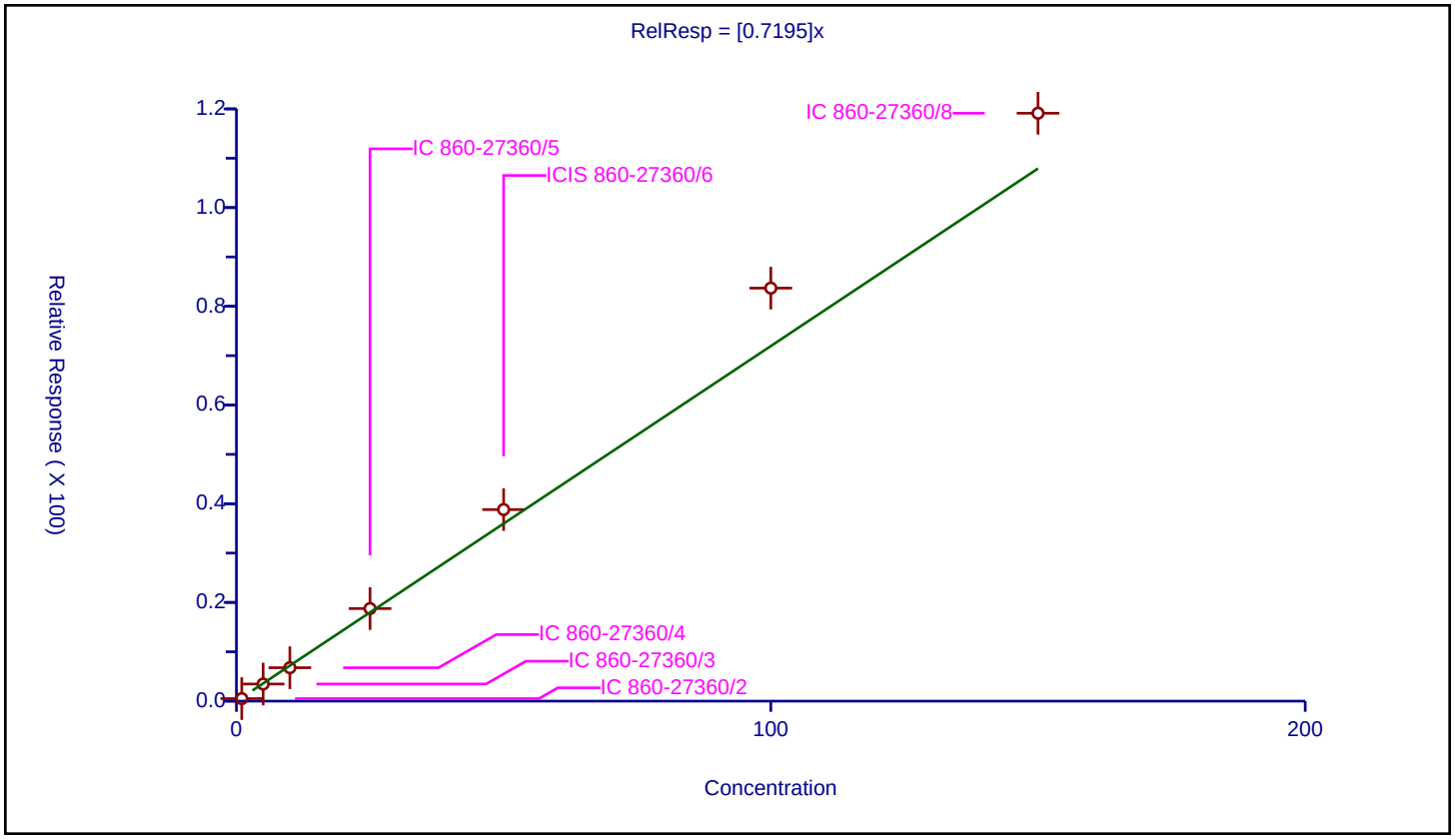
Curve Coefficients

Intercept:	0
Slope:	0.7195

Error Coefficients

Standard Error:	664000
Relative Standard Error:	15.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	0.507992	50.0	556210.0	0.507992	Y
2	IC 860-27360/3	5.0	3.468051	50.0	551448.0	0.69361	Y
3	IC 860-27360/4	10.0	6.771514	50.0	554743.0	0.677151	Y
4	IC 860-27360/5	25.0	18.753421	50.0	542557.0	0.750137	Y
5	ICIS 860-27360/6	50.0	38.814674	50.0	545791.0	0.776293	Y
6	IC 860-27360/7	100.0	83.686915	50.0	532315.0	0.836869	Y
7	IC 860-27360/8	150.0	119.124059	50.0	534408.0	0.79416	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

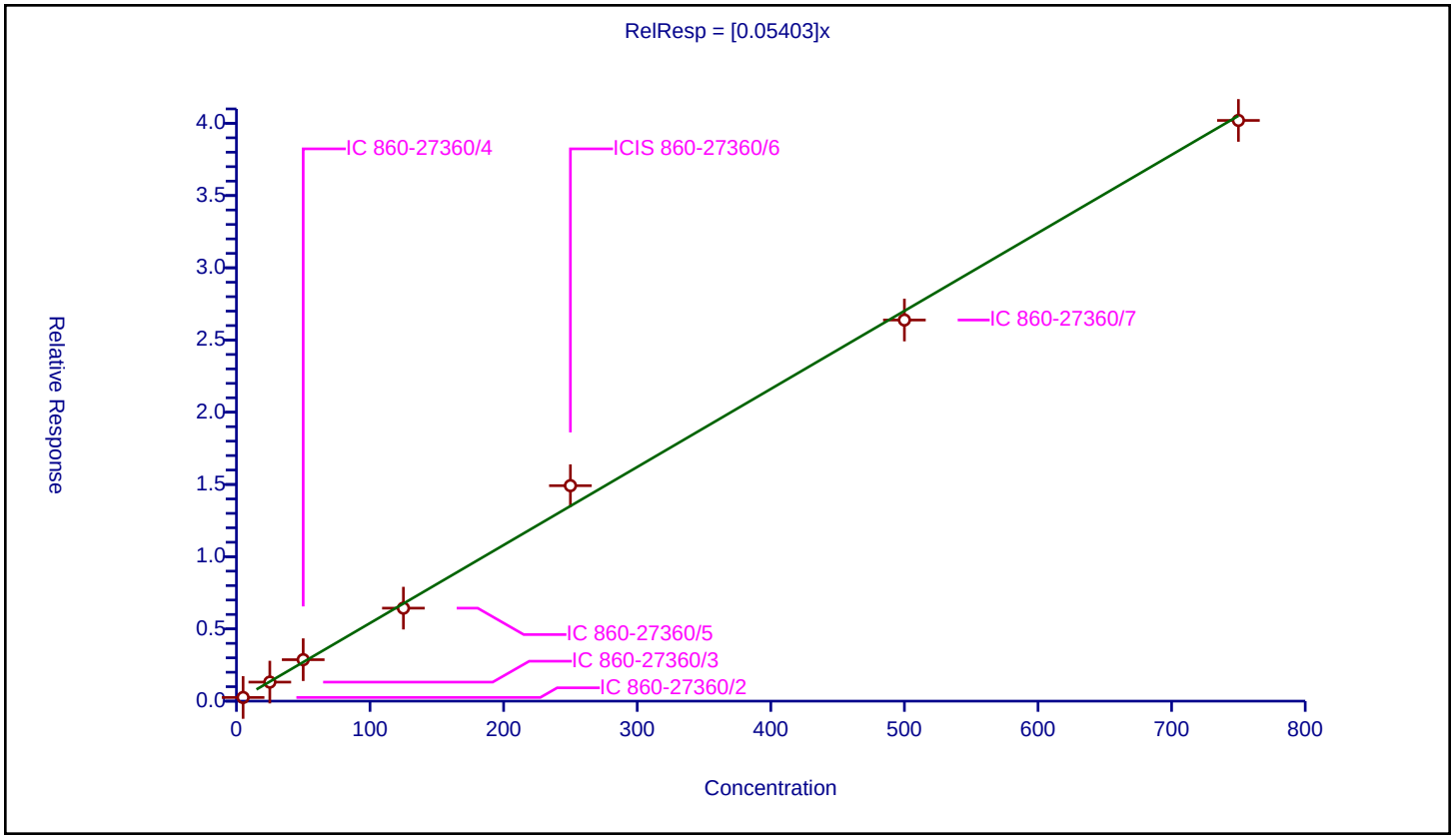
Curve Coefficients

Intercept:	0
Slope:	0.05403

Error Coefficients

Standard Error:	222000
Relative Standard Error:	6.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	5.0	0.252872	50.0	556210.0	0.050574	Y
2	IC 860-27360/3	25.0	1.316987	50.0	551448.0	0.052679	Y
3	IC 860-27360/4	50.0	2.870248	50.0	554743.0	0.057405	Y
4	IC 860-27360/5	125.0	6.436927	50.0	542557.0	0.051495	Y
5	ICIS 860-27360/6	250.0	14.916516	50.0	545791.0	0.059666	Y
6	IC 860-27360/7	500.0	26.384566	50.0	532315.0	0.052769	Y
7	IC 860-27360/8	750.0	40.202055	50.0	534408.0	0.053603	Y



Calibration / Propionitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

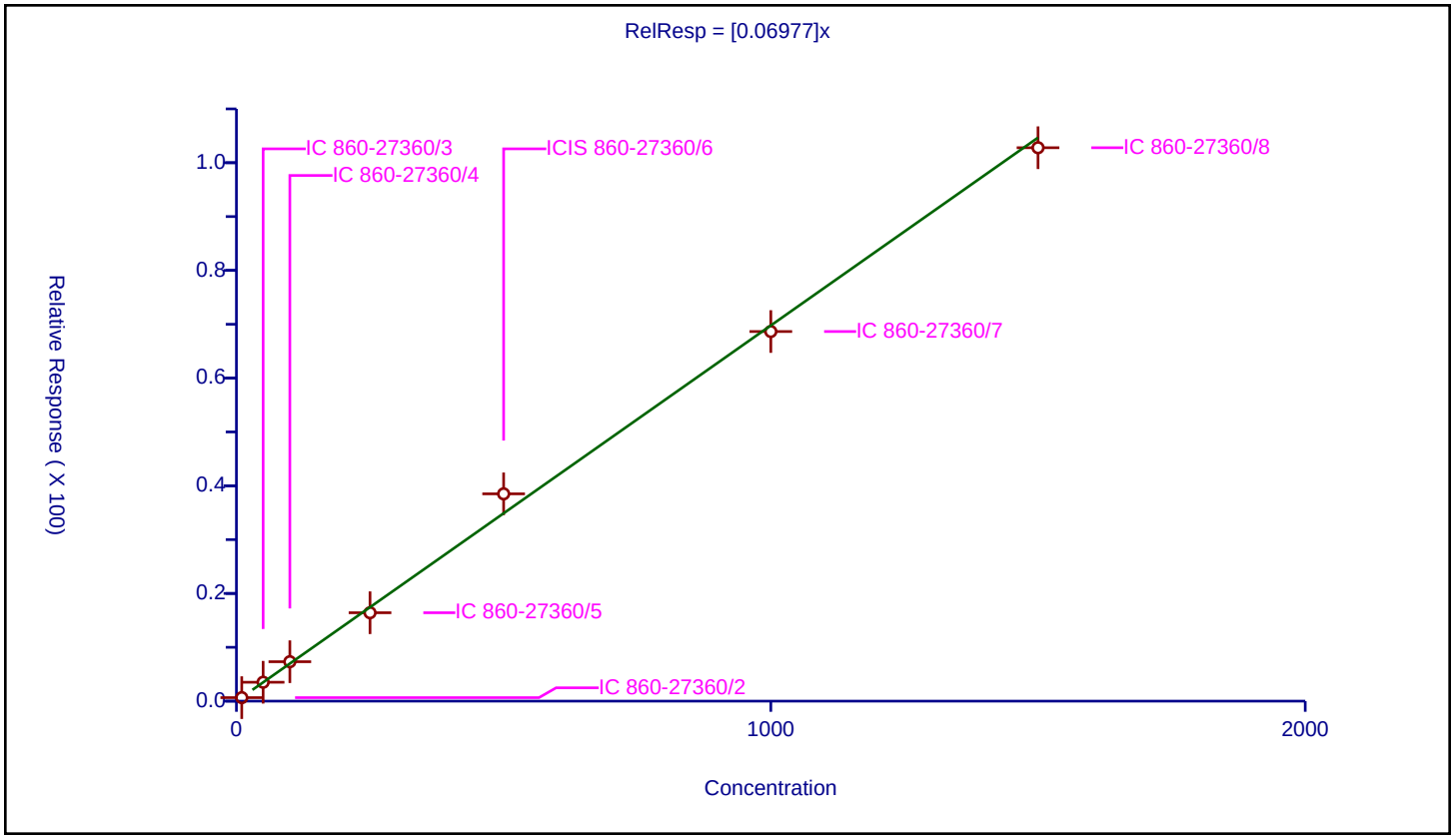
Curve Coefficients

Intercept:	0
Slope:	0.06977

Error Coefficients

Standard Error:	571000
Relative Standard Error:	6.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	10.0	0.651193	50.0	556210.0	0.065119	Y
2	IC 860-27360/3	50.0	3.509488	50.0	551448.0	0.07019	Y
3	IC 860-27360/4	100.0	7.32249	50.0	554743.0	0.073225	Y
4	IC 860-27360/5	250.0	16.422514	50.0	542557.0	0.06569	Y
5	ICIS 860-27360/6	500.0	38.501643	50.0	545791.0	0.077003	Y
6	IC 860-27360/7	1000.0	68.649484	50.0	532315.0	0.068649	Y
7	IC 860-27360/8	1500.0	102.789629	50.0	534408.0	0.068526	Y



Calibration / Chlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

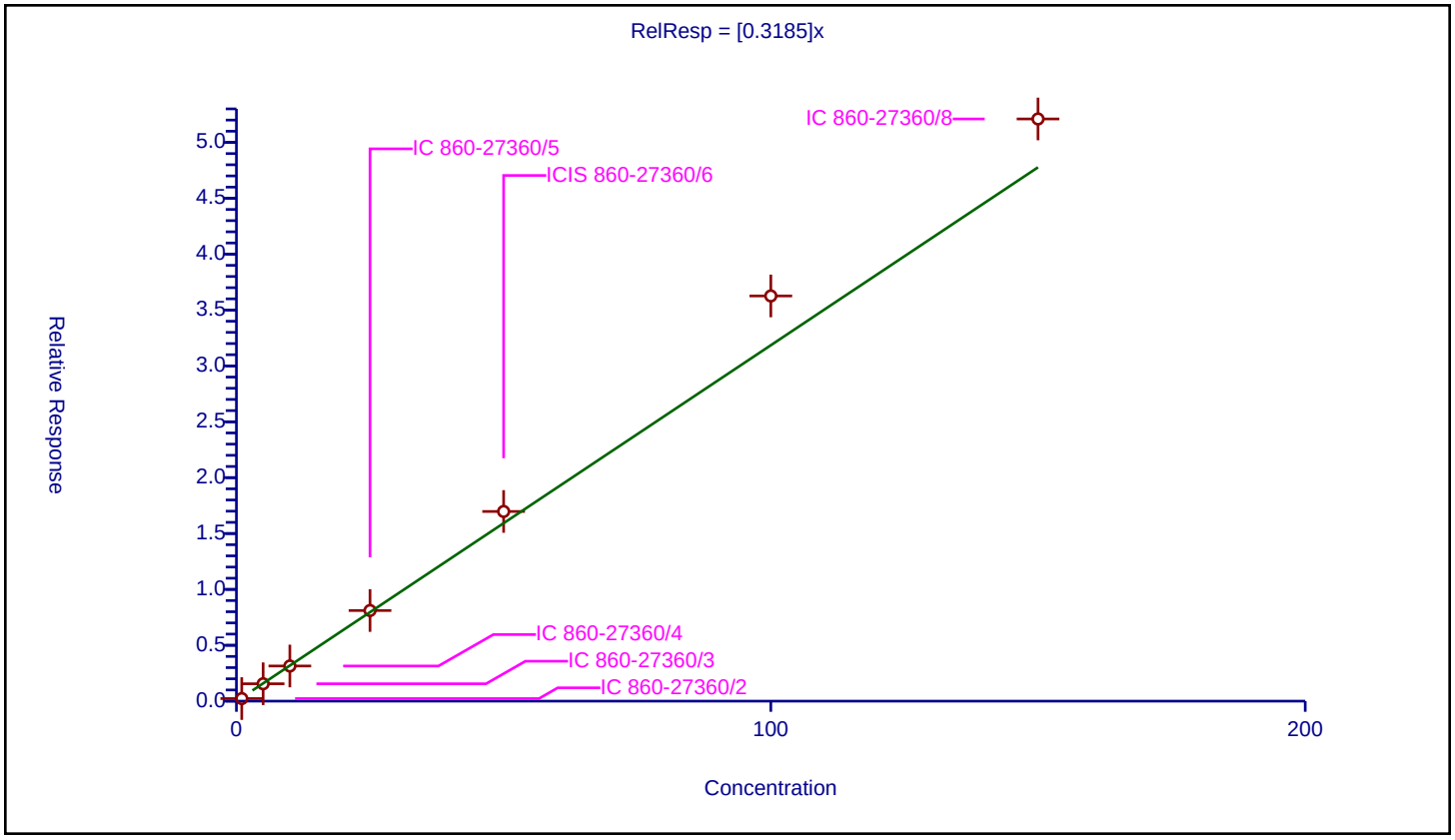
Curve Coefficients

Intercept:	0
Slope:	0.3185

Error Coefficients

Standard Error:	289000
Relative Standard Error:	13.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	0.230219	50.0	556210.0	0.230219	Y
2	IC 860-27360/3	5.0	1.555178	50.0	551448.0	0.311036	Y
3	IC 860-27360/4	10.0	3.144159	50.0	554743.0	0.314416	Y
4	IC 860-27360/5	25.0	8.108733	50.0	542557.0	0.324349	Y
5	ICIS 860-27360/6	50.0	16.97298	50.0	545791.0	0.33946	Y
6	IC 860-27360/7	100.0	36.260579	50.0	532315.0	0.362606	Y
7	IC 860-27360/8	150.0	52.099707	50.0	534408.0	0.347331	Y



Calibration / Methacrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

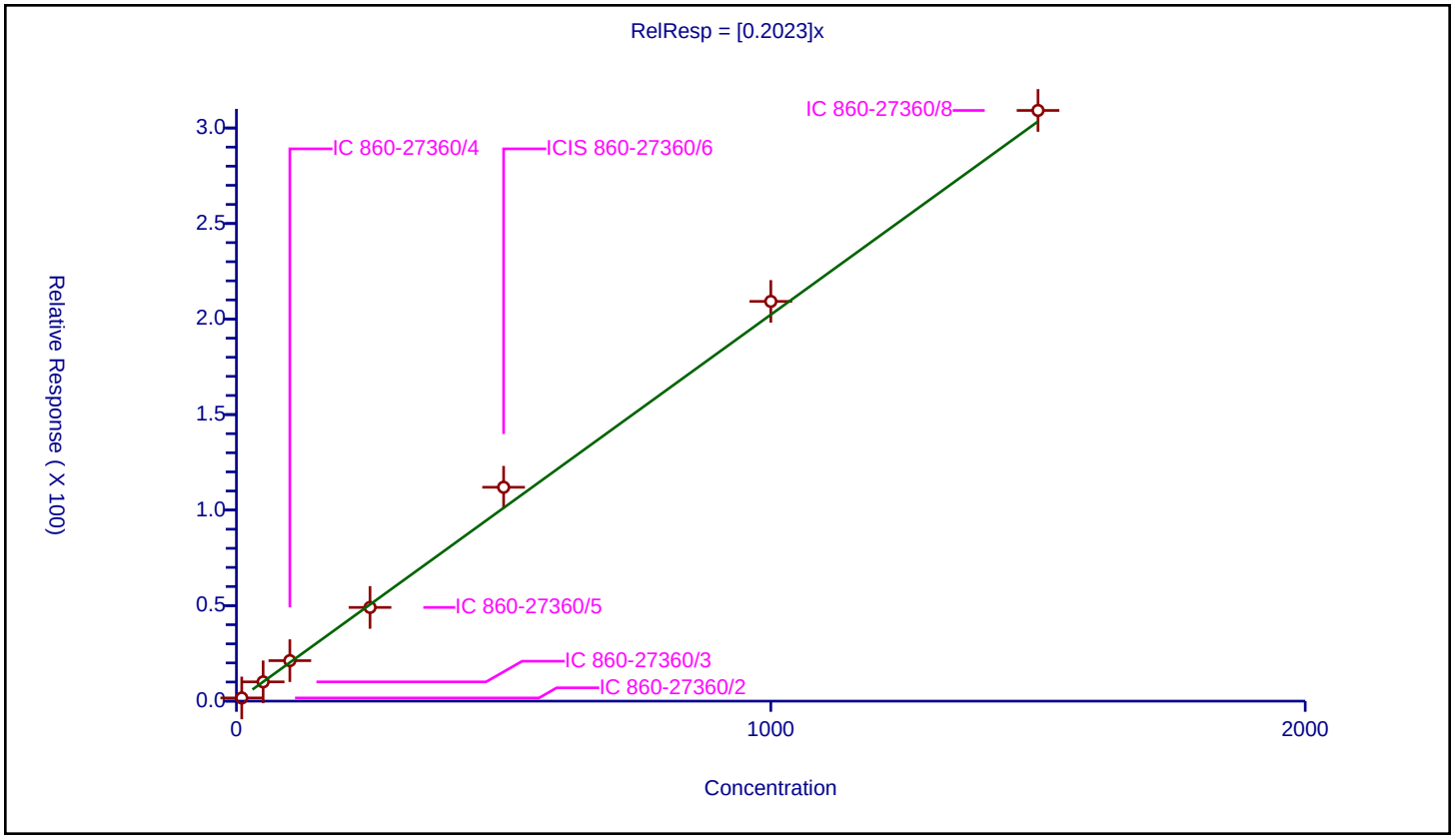
Curve Coefficients

Intercept:	0
Slope:	0.2023

Error Coefficients

Standard Error:	1720000
Relative Standard Error:	8.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	10.0	1.667895	50.0	556210.0	0.16679	Y
2	IC 860-27360/3	50.0	10.092067	50.0	551448.0	0.201841	Y
3	IC 860-27360/4	100.0	21.191525	50.0	554743.0	0.211915	Y
4	IC 860-27360/5	250.0	49.048948	50.0	542557.0	0.196196	Y
5	ICIS 860-27360/6	500.0	111.953019	50.0	545791.0	0.223906	Y
6	IC 860-27360/7	1000.0	209.230719	50.0	532315.0	0.209231	Y
7	IC 860-27360/8	1500.0	309.187362	50.0	534408.0	0.206125	Y



Calibration / Tetrahydrofuran

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

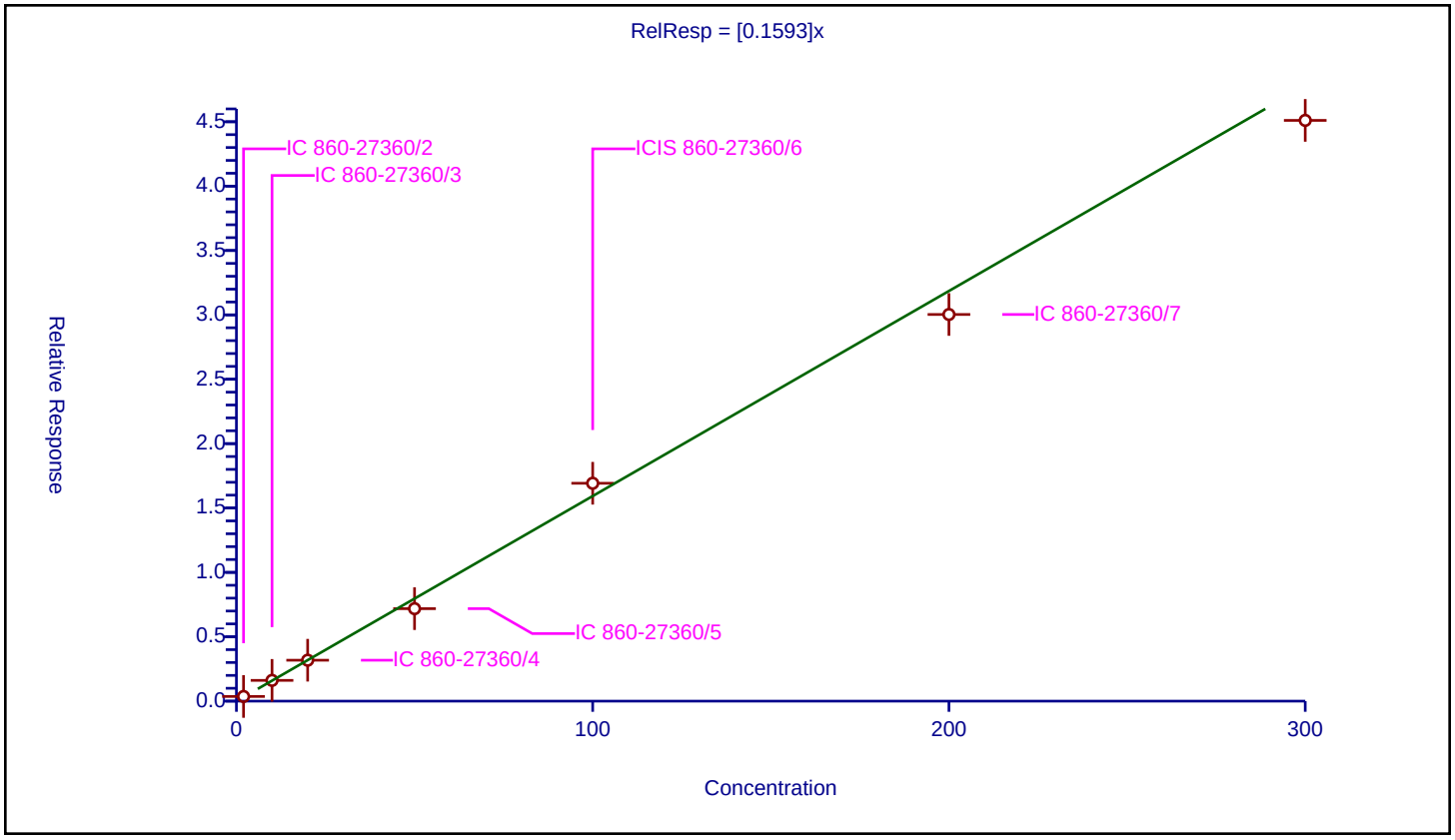
Curve Coefficients

Intercept:	0
Slope:	0.1593

Error Coefficients

Standard Error:	250000
Relative Standard Error:	8.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	2.0	0.362813	50.0	556210.0	0.181406	Y
2	IC 860-27360/3	10.0	1.612119	50.0	551448.0	0.161212	Y
3	IC 860-27360/4	20.0	3.17913	50.0	554743.0	0.158956	Y
4	IC 860-27360/5	50.0	7.183208	50.0	542557.0	0.143664	Y
5	ICIS 860-27360/6	100.0	16.922137	50.0	545791.0	0.169221	Y
6	IC 860-27360/7	200.0	30.031748	50.0	532315.0	0.150159	Y
7	IC 860-27360/8	300.0	45.106454	50.0	534408.0	0.150355	Y



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

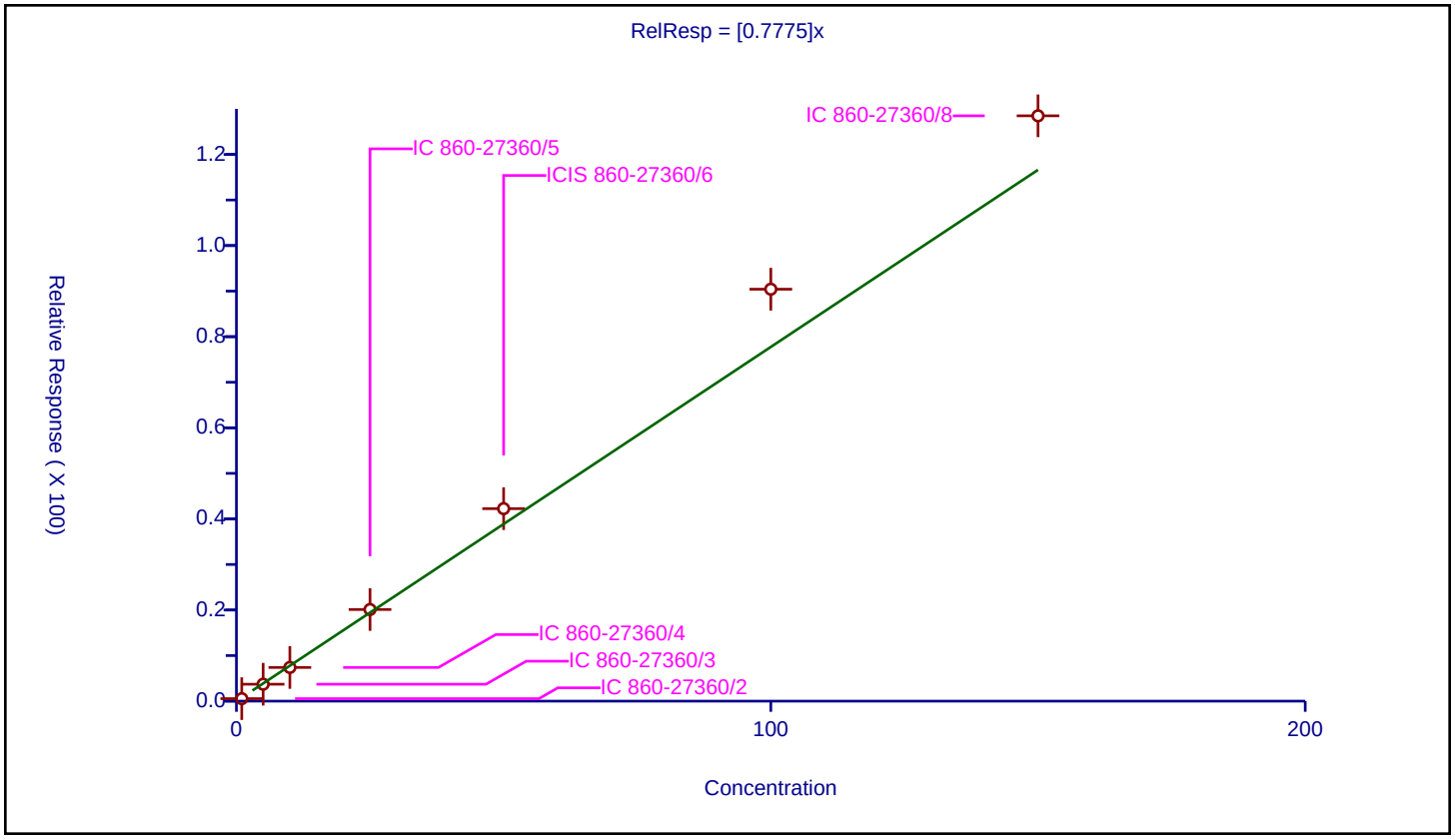
Curve Coefficients

Intercept:	0
Slope:	0.7775

Error Coefficients

Standard Error:	717000
Relative Standard Error:	15.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	0.548893	50.0	556210.0	0.548893	Y
2	IC 860-27360/3	5.0	3.71803	50.0	551448.0	0.743606	Y
3	IC 860-27360/4	10.0	7.394145	50.0	554743.0	0.739414	Y
4	IC 860-27360/5	25.0	20.112818	50.0	542557.0	0.804513	Y
5	ICIS 860-27360/6	50.0	42.253079	50.0	545791.0	0.845062	Y
6	IC 860-27360/7	100.0	90.419019	50.0	532315.0	0.90419	Y
7	IC 860-27360/8	150.0	128.477774	50.0	534408.0	0.856518	Y



Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

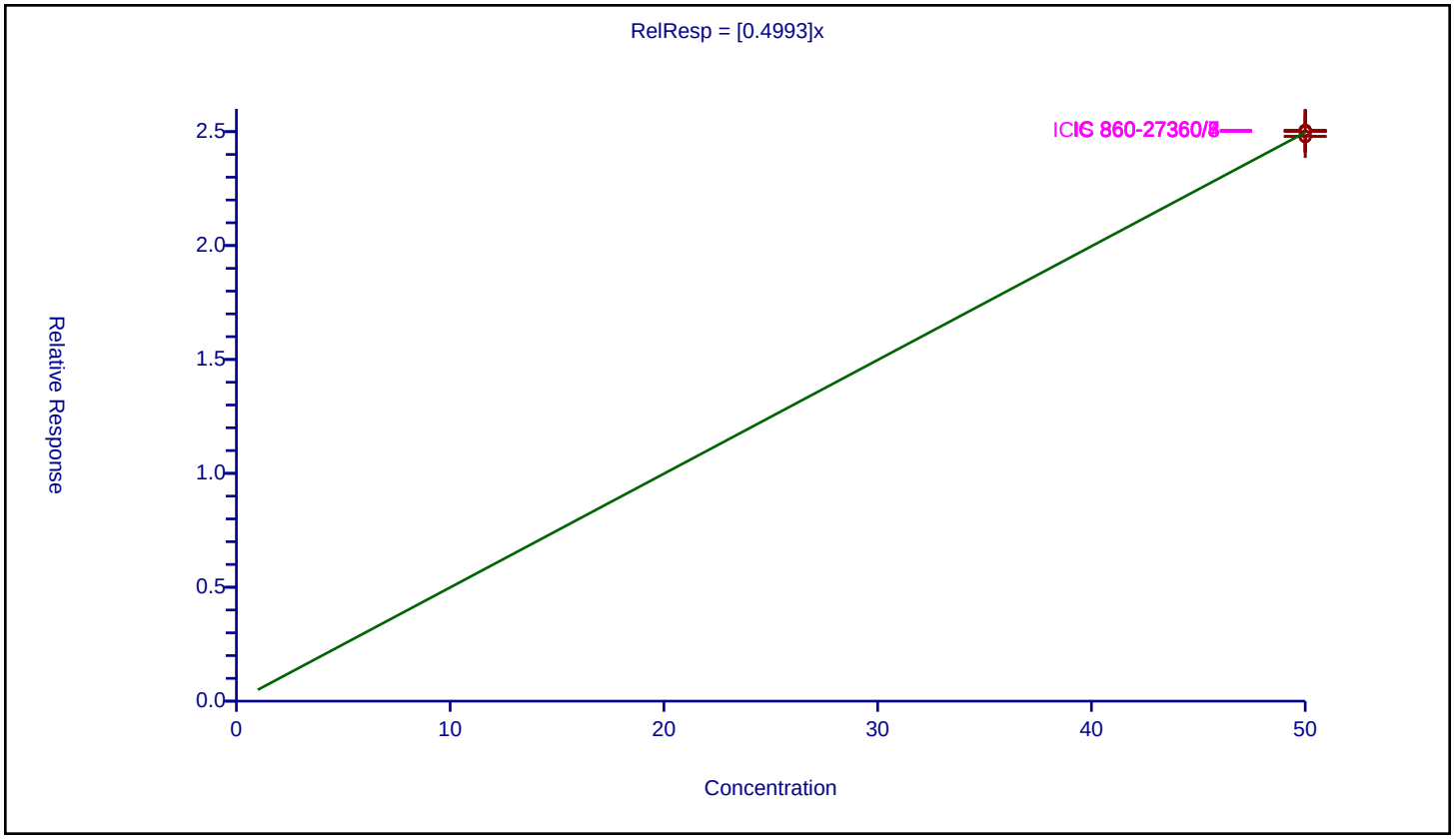
Curve Coefficients

Intercept:	0
Slope:	0.4993

Error Coefficients

Standard Error:	294000
Relative Standard Error:	0.5
Correlation Coefficient:	0.00000000000000000000
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	50.0	24.794412	50.0	556210.0	0.495888	Y
2	IC 860-27360/3	50.0	25.015051	50.0	551448.0	0.500301	Y
3	IC 860-27360/4	50.0	25.030149	50.0	554743.0	0.500603	Y
4	IC 860-27360/5	50.0	24.785599	50.0	542557.0	0.495712	Y
5	ICIS 860-27360/6	50.0	25.047317	50.0	545791.0	0.500946	Y
6	IC 860-27360/7	50.0	25.05941	50.0	532315.0	0.501188	Y
7	IC 860-27360/8	50.0	25.009169	50.0	534408.0	0.500183	Y



Calibration / 1,1,1-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

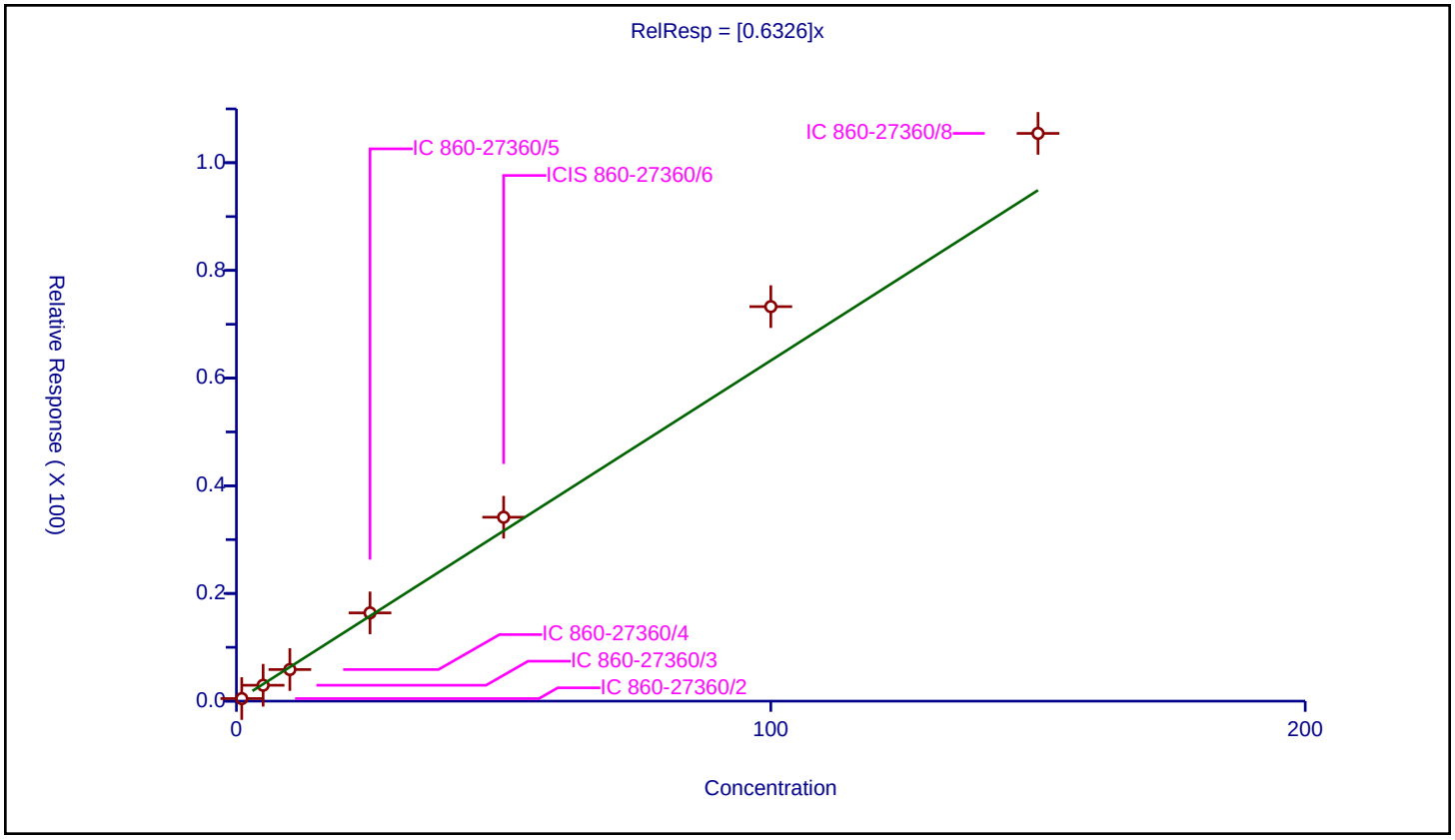
Curve Coefficients

Intercept:	0
Slope:	0.6326

Error Coefficients

Standard Error:	585000
Relative Standard Error:	13.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	0.476888	50.0	556210.0	0.476888	Y
2	IC 860-27360/3	5.0	2.949961	50.0	551448.0	0.589992	Y
3	IC 860-27360/4	10.0	5.867402	50.0	554743.0	0.58674	Y
4	IC 860-27360/5	25.0	16.392379	50.0	542557.0	0.655695	Y
5	ICIS 860-27360/6	50.0	34.158039	50.0	545791.0	0.683161	Y
6	IC 860-27360/7	100.0	73.273156	50.0	532315.0	0.732732	Y
7	IC 860-27360/8	150.0	105.450891	50.0	534408.0	0.703006	Y



Calibration / Cyclohexane

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

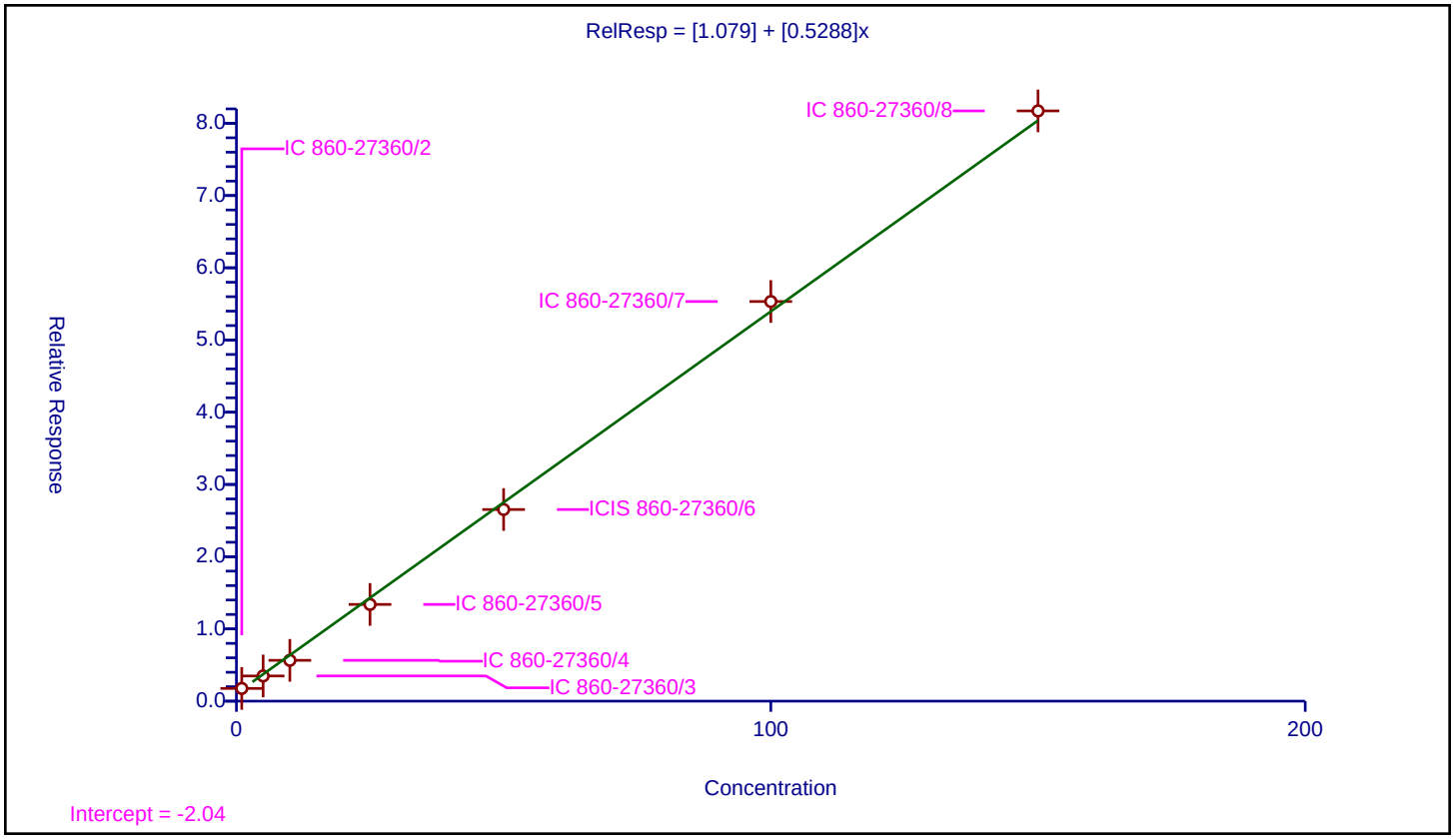
Curve Coefficients

Intercept:	1.079
Slope:	0.5288

Error Coefficients

Standard Error:	494000
Relative Standard Error:	15.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	1.760666	50.0	556210.0	1.760666	Y
2	IC 860-27360/3	5.0	3.485097	50.0	551448.0	0.697019	Y
3	IC 860-27360/4	10.0	5.651806	50.0	554743.0	0.565181	Y
4	IC 860-27360/5	25.0	13.390298	50.0	542557.0	0.535612	Y
5	ICIS 860-27360/6	50.0	26.531218	50.0	545791.0	0.530624	Y
6	IC 860-27360/7	100.0	55.33096	50.0	532315.0	0.55331	Y
7	IC 860-27360/8	150.0	81.721176	50.0	534408.0	0.544808	Y



Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

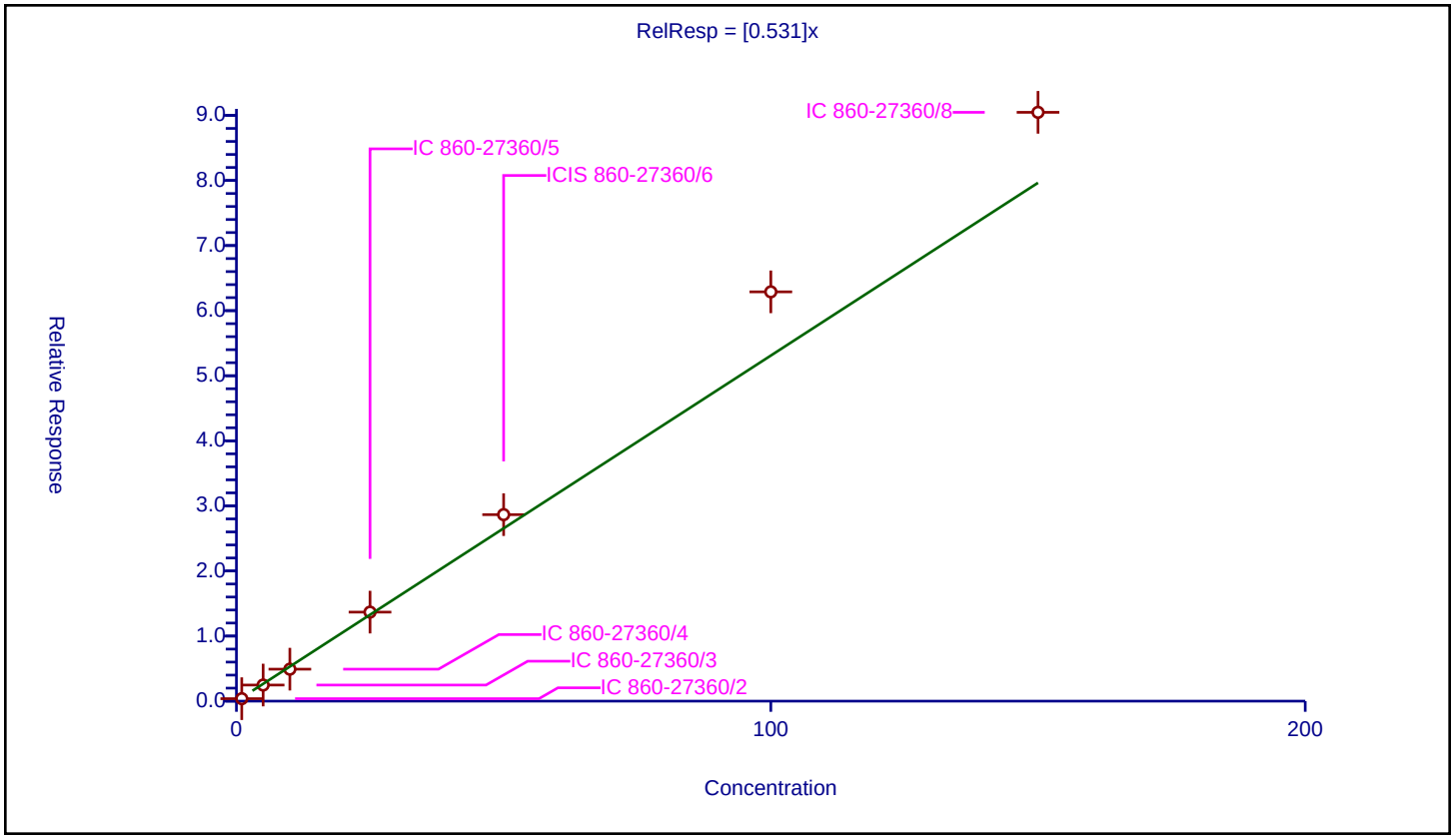
Curve Coefficients

Intercept:	0
Slope:	0.531

Error Coefficients

Standard Error:	501000
Relative Standard Error:	15.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	0.378544	50.0	556210.0	0.378544	Y
2	IC 860-27360/3	5.0	2.472037	50.0	551448.0	0.494407	Y
3	IC 860-27360/4	10.0	4.914438	50.0	554743.0	0.491444	Y
4	IC 860-27360/5	25.0	13.679116	50.0	542557.0	0.547165	Y
5	ICIS 860-27360/6	50.0	28.658131	50.0	545791.0	0.573163	Y
6	IC 860-27360/7	100.0	62.889361	50.0	532315.0	0.628894	Y
7	IC 860-27360/8	150.0	90.473664	50.0	534408.0	0.603158	Y



Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

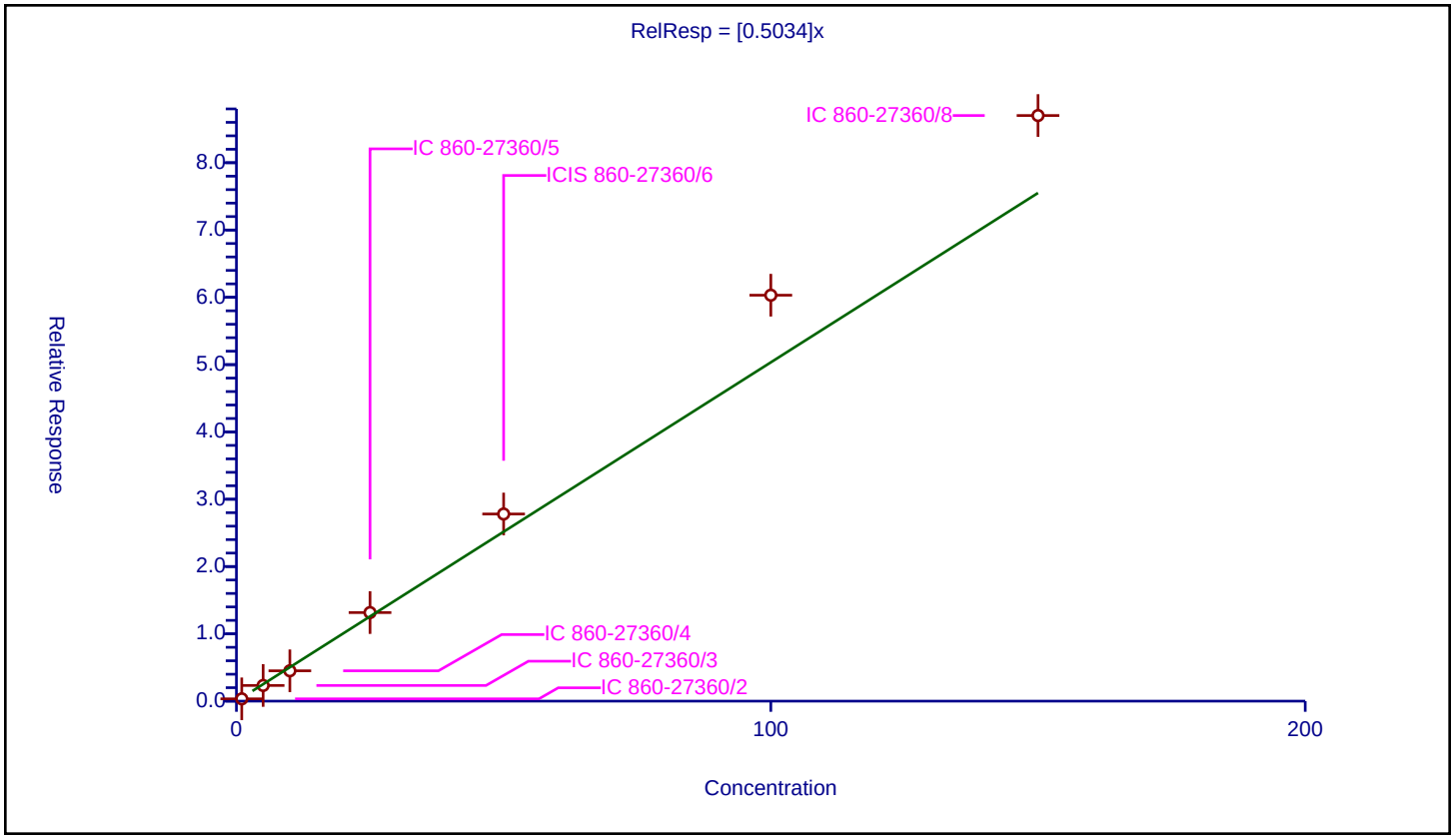
Curve Coefficients

Intercept:	0
Slope:	0.5034

Error Coefficients

Standard Error:	482000
Relative Standard Error:	18.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.968

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	0.341598	50.0	556210.0	0.341598	Y
2	IC 860-27360/3	5.0	2.327871	50.0	551448.0	0.465574	Y
3	IC 860-27360/4	10.0	4.508755	50.0	554743.0	0.450875	Y
4	IC 860-27360/5	25.0	13.158802	50.0	542557.0	0.526352	Y
5	ICIS 860-27360/6	50.0	27.805973	50.0	545791.0	0.556119	Y
6	IC 860-27360/7	100.0	60.316166	50.0	532315.0	0.603162	Y
7	IC 860-27360/8	150.0	87.012732	50.0	534408.0	0.580085	Y



Calibration / Isobutyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

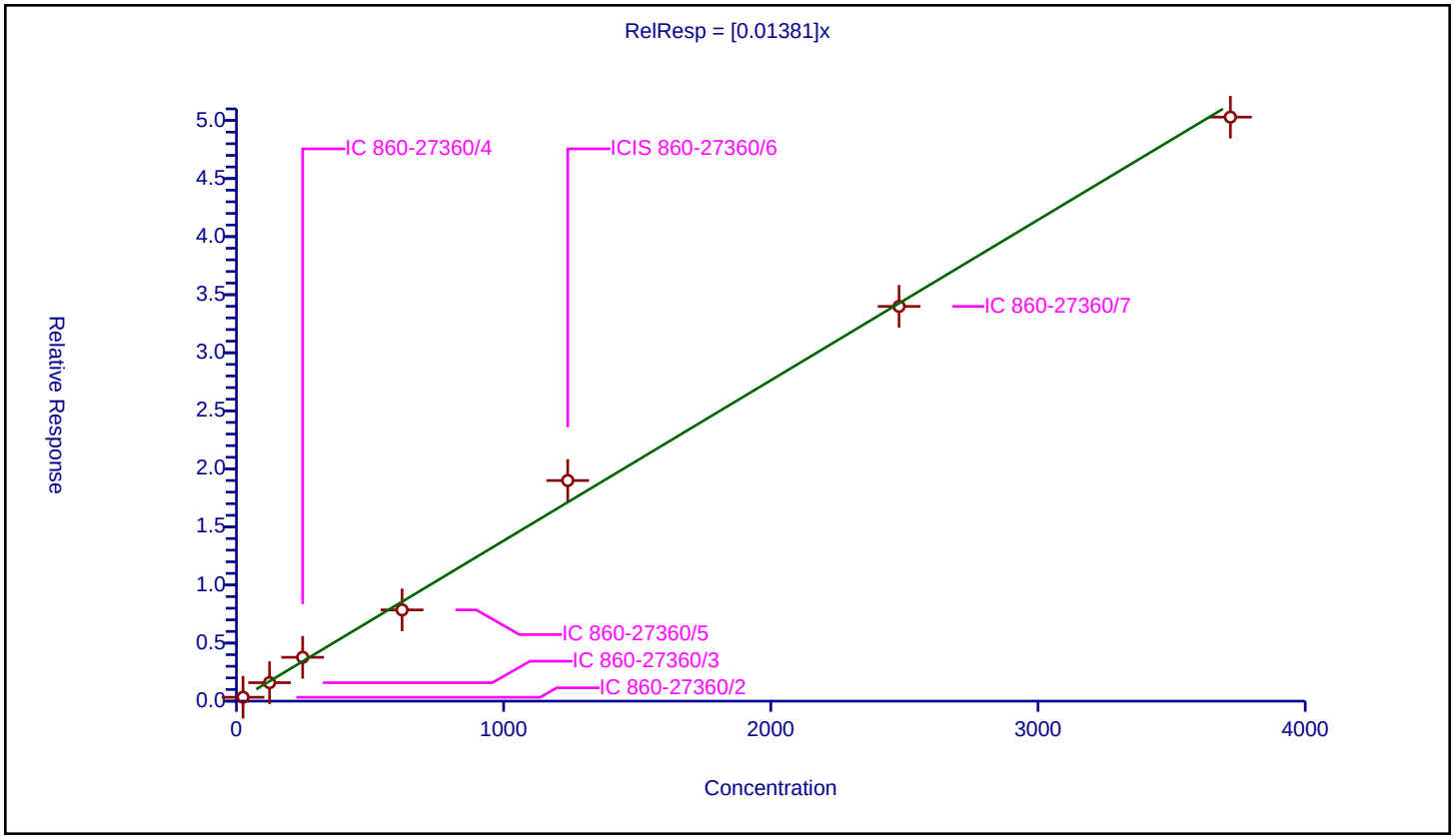
Curve Coefficients

Intercept:	0
Slope:	0.01381

Error Coefficients

Standard Error:	427000
Relative Standard Error:	7.7
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	24.8	0.332928	50.0	842674.0	0.013425	Y
2	IC 860-27360/3	124.0	1.591314	50.0	842260.0	0.012833	Y
3	IC 860-27360/4	248.0	3.773662	50.0	843067.0	0.015216	Y
4	IC 860-27360/5	620.0	7.856343	50.0	821820.0	0.012672	Y
5	ICIS 860-27360/6	1240.0	19.000632	50.0	832146.0	0.015323	Y
6	IC 860-27360/7	2480.0	33.992155	50.0	811424.0	0.013707	Y
7	IC 860-27360/8	3720.0	50.291071	50.0	812172.0	0.013519	Y



Calibration / 1,2-Dichloroethane-d4 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

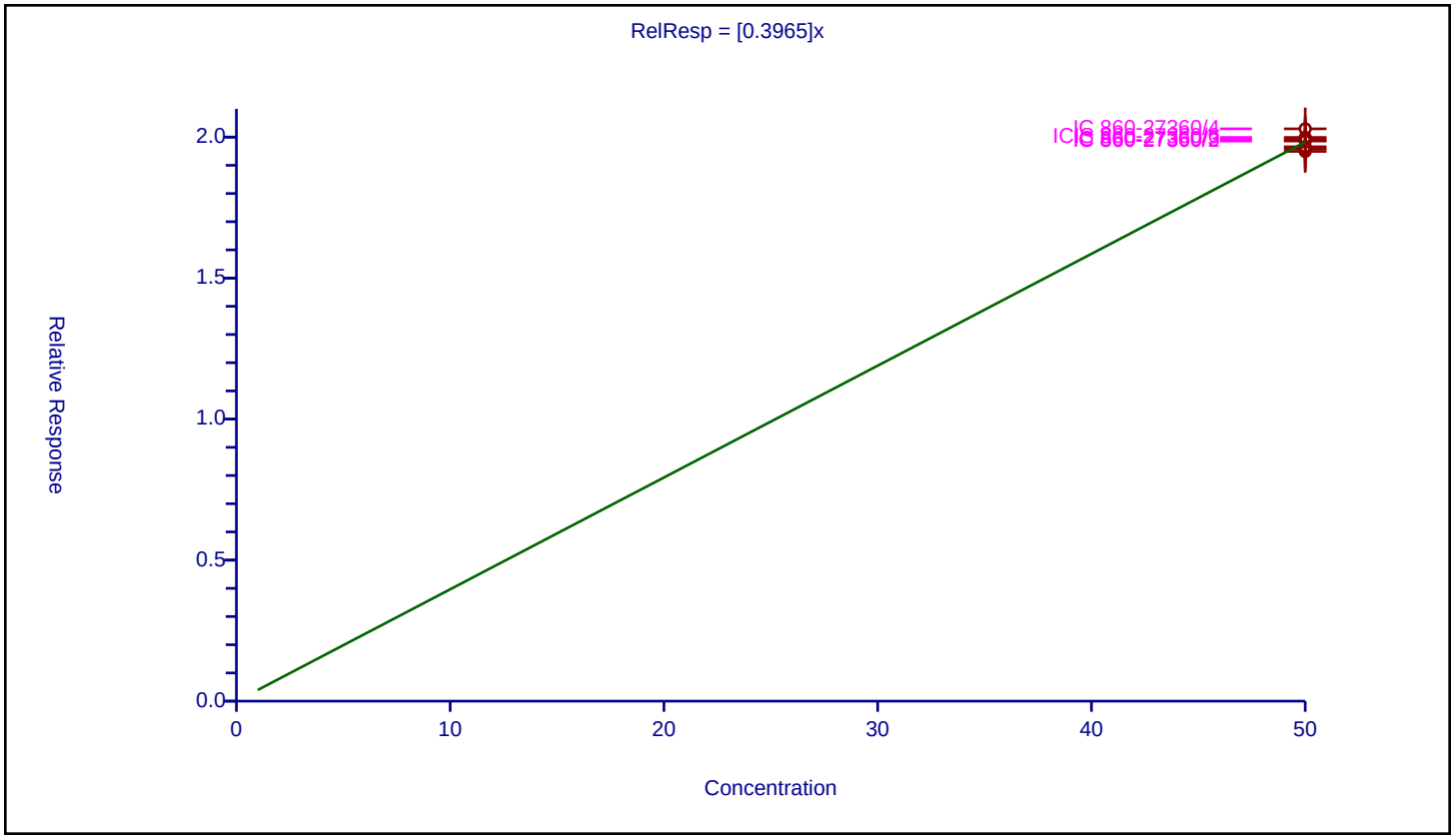
Curve Coefficients

Intercept:	0
Slope:	0.3965

Error Coefficients

Standard Error:	355000
Relative Standard Error:	1.4
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0.000000000000000111

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	50.0	19.860171	50.0	842674.0	0.397203	Y
2	IC 860-27360/3	50.0	19.906323	50.0	842260.0	0.398126	Y
3	IC 860-27360/4	50.0	20.292812	50.0	843067.0	0.405856	Y
4	IC 860-27360/5	50.0	19.576854	50.0	821820.0	0.391537	Y
5	ICIS 860-27360/6	50.0	19.987178	50.0	832146.0	0.399744	Y
6	IC 860-27360/7	50.0	19.491906	50.0	811424.0	0.389838	Y
7	IC 860-27360/8	50.0	19.656982	50.0	812172.0	0.39314	Y



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

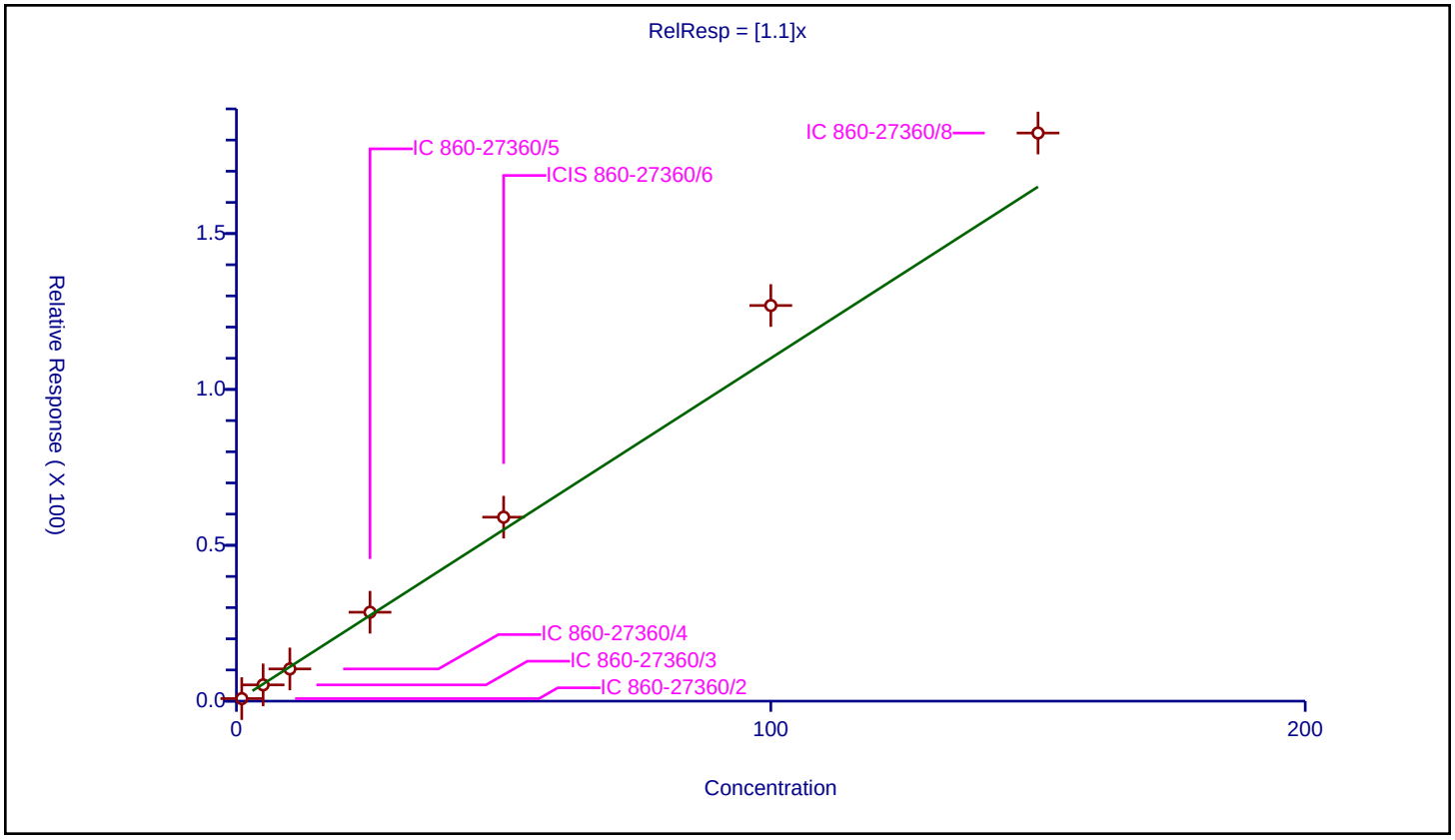
Curve Coefficients

Intercept:	0
Slope:	1.1

Error Coefficients

Standard Error:	1540000
Relative Standard Error:	13.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	0.817873	50.0	842674.0	0.817873	Y
2	IC 860-27360/3	5.0	5.21751	50.0	842260.0	1.043502	Y
3	IC 860-27360/4	10.0	10.33524	50.0	843067.0	1.033524	Y
4	IC 860-27360/5	25.0	28.527476	50.0	821820.0	1.141099	Y
5	ICIS 860-27360/6	50.0	59.020713	50.0	832146.0	1.180414	Y
6	IC 860-27360/7	100.0	126.924333	50.0	811424.0	1.269243	Y
7	IC 860-27360/8	150.0	182.261147	50.0	812172.0	1.215074	Y



Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

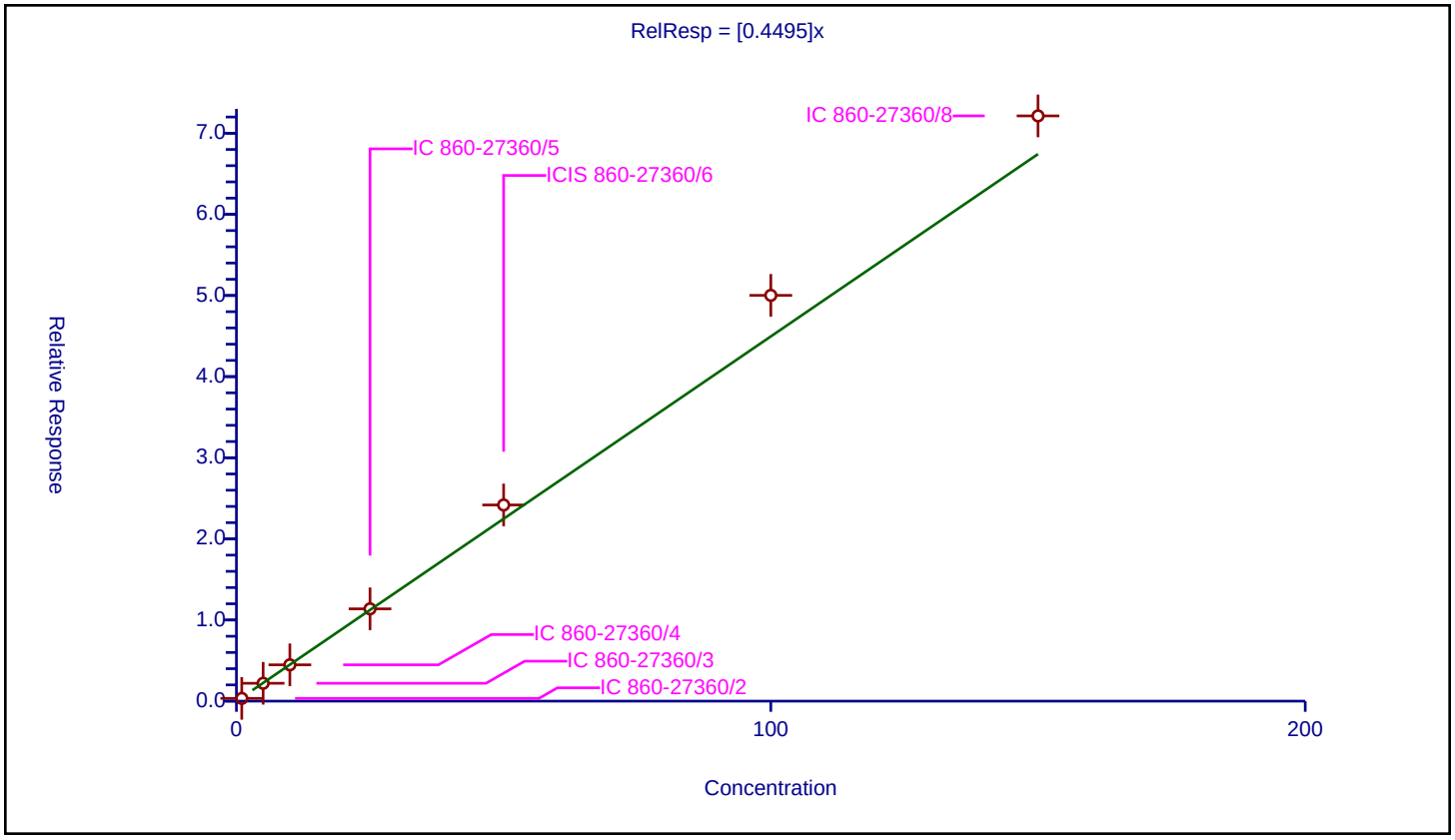
Curve Coefficients

Intercept:	0
Slope:	0.4495

Error Coefficients

Standard Error:	610000
Relative Standard Error:	11.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	0.339099	50.0	842674.0	0.339099	Y
2	IC 860-27360/3	5.0	2.200686	50.0	842260.0	0.440137	Y
3	IC 860-27360/4	10.0	4.476868	50.0	843067.0	0.447687	Y
4	IC 860-27360/5	25.0	11.378343	50.0	821820.0	0.455134	Y
5	ICIS 860-27360/6	50.0	24.180552	50.0	832146.0	0.483611	Y
6	IC 860-27360/7	100.0	50.016514	50.0	811424.0	0.500165	Y
7	IC 860-27360/8	150.0	72.13509	50.0	812172.0	0.480901	Y



Calibration / Isooctane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

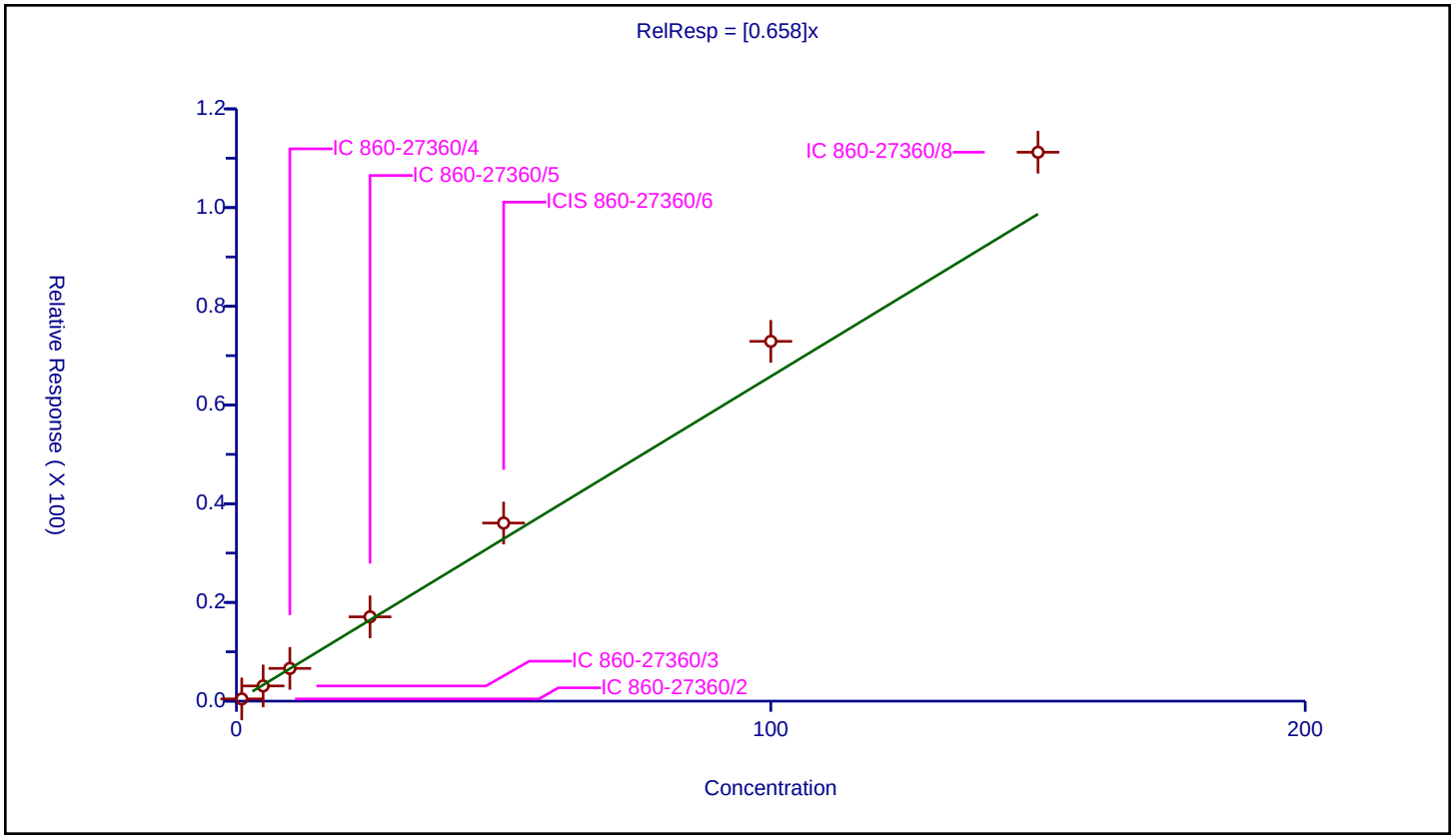
Curve Coefficients

Intercept:	0
Slope:	0.658

Error Coefficients

Standard Error:	924000
Relative Standard Error:	15.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	0.450649	50.0	842674.0	0.450649	Y
2	IC 860-27360/3	5.0	3.081115	50.0	842260.0	0.616223	Y
3	IC 860-27360/4	10.0	6.634645	50.0	843067.0	0.663464	Y
4	IC 860-27360/5	25.0	17.084946	50.0	821820.0	0.683398	Y
5	ICIS 860-27360/6	50.0	36.084533	50.0	832146.0	0.721691	Y
6	IC 860-27360/7	100.0	72.900666	50.0	811424.0	0.729007	Y
7	IC 860-27360/8	150.0	111.219791	50.0	812172.0	0.741465	Y



Calibration / Tert-amyl methyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

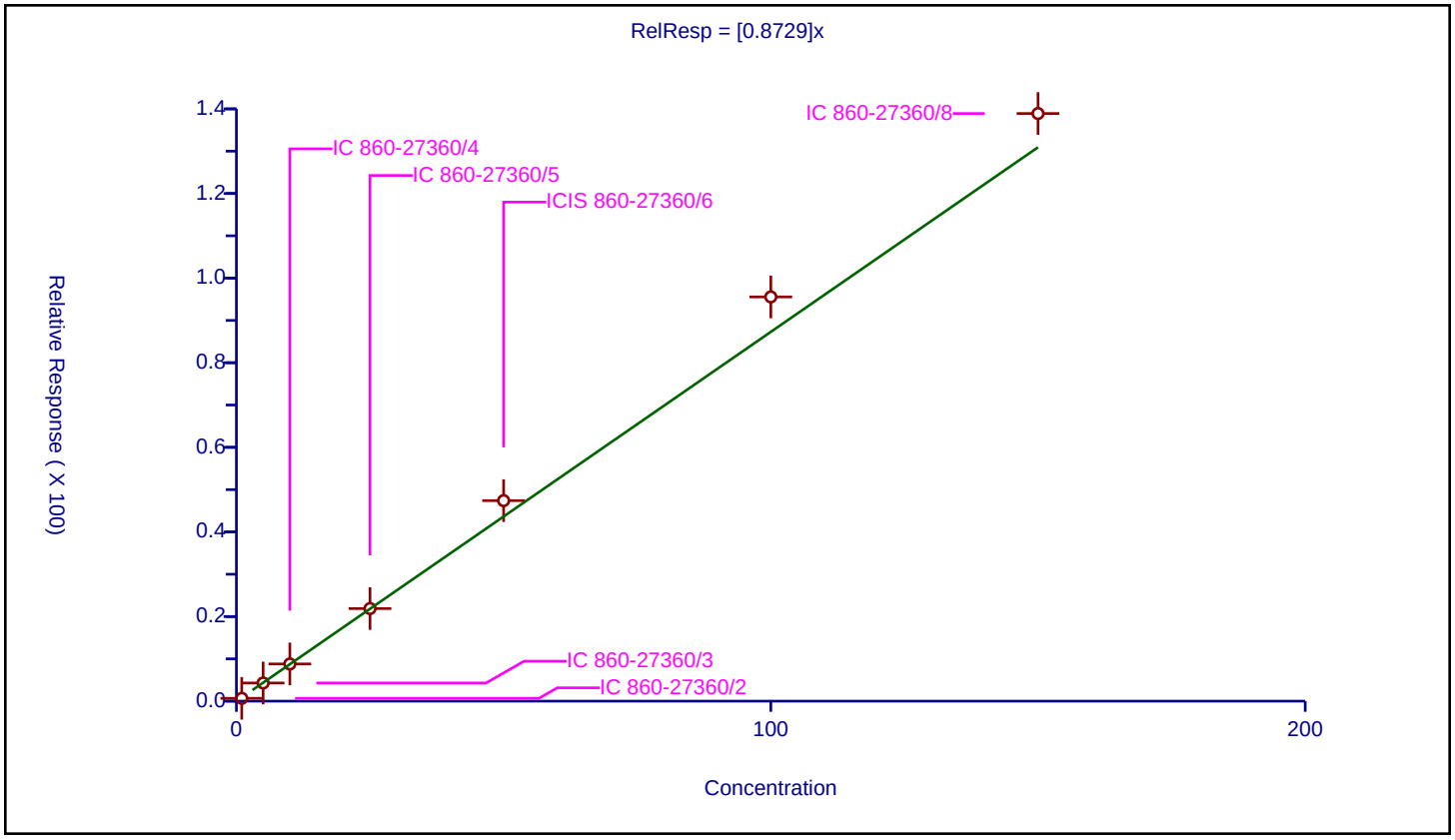
Curve Coefficients

Intercept:	0
Slope:	0.8729

Error Coefficients

Standard Error:	1170000
Relative Standard Error:	11.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	0.668289	50.0	842674.0	0.668289	Y
2	IC 860-27360/3	5.0	4.288759	50.0	842260.0	0.857752	Y
3	IC 860-27360/4	10.0	8.789456	50.0	843067.0	0.878946	Y
4	IC 860-27360/5	25.0	21.88764	50.0	821820.0	0.875506	Y
5	ICIS 860-27360/6	50.0	47.39613	50.0	832146.0	0.947923	Y
6	IC 860-27360/7	100.0	95.556084	50.0	811424.0	0.955561	Y
7	IC 860-27360/8	150.0	138.902843	50.0	812172.0	0.926019	Y



Calibration / n-Butanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

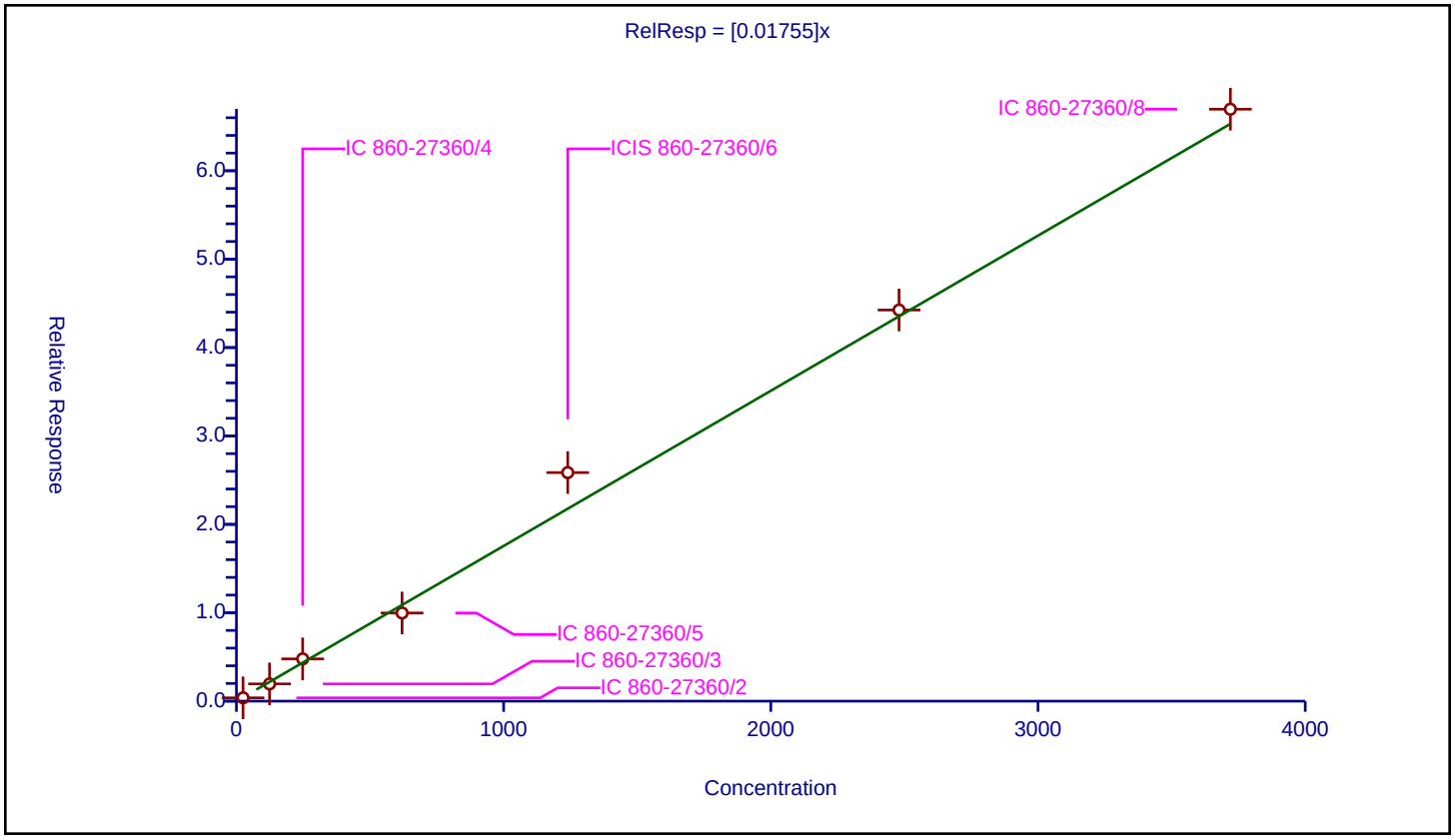
Curve Coefficients

Intercept:	0
Slope:	0.01755

Error Coefficients

Standard Error:	239000
Relative Standard Error:	11.8
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	24.8	0.374286	50.0	335973.0	0.015092	Y
2	IC 860-27360/3	124.0	1.951183	50.0	338282.0	0.015735	Y
3	IC 860-27360/4	248.0	4.780793	50.0	342485.0	0.019277	Y
4	IC 860-27360/5	620.0	9.972672	50.0	339583.0	0.016085	Y
5	ICIS 860-27360/6	1240.0	25.855431	50.0	343131.0	0.020851	Y
6	IC 860-27360/7	2480.0	44.246913	50.0	349734.0	0.017841	Y
7	IC 860-27360/8	3720.0	66.965303	50.0	342166.0	0.018001	Y



Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

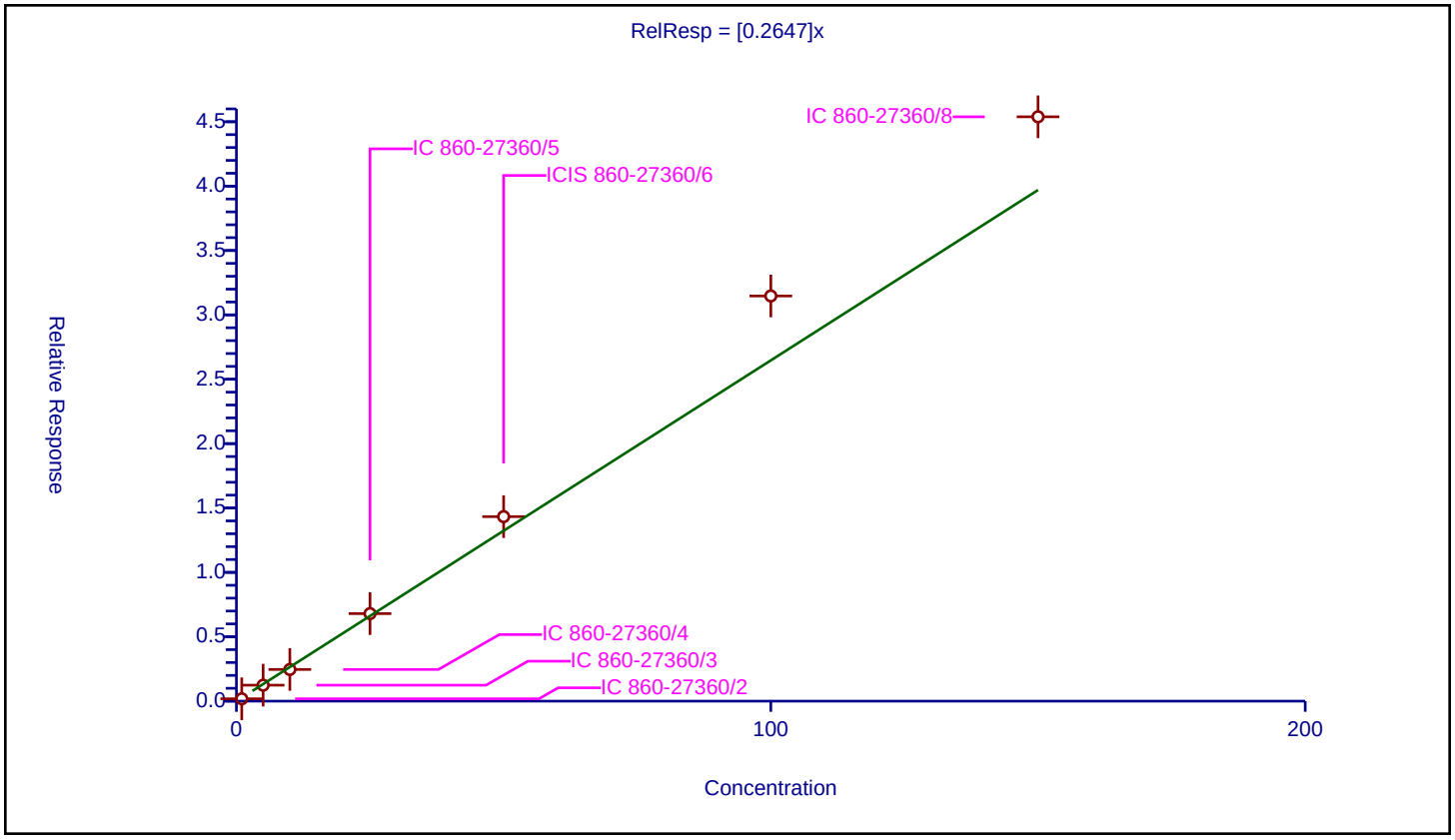
Curve Coefficients

Intercept:	0
Slope:	0.2647

Error Coefficients

Standard Error:	382000
Relative Standard Error:	16.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.972

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	0.182989	50.0	842674.0	0.182989	Y
2	IC 860-27360/3	5.0	1.239344	50.0	842260.0	0.247869	Y
3	IC 860-27360/4	10.0	2.459828	50.0	843067.0	0.245983	Y
4	IC 860-27360/5	25.0	6.798082	50.0	821820.0	0.271923	Y
5	ICIS 860-27360/6	50.0	14.331019	50.0	832146.0	0.28662	Y
6	IC 860-27360/7	100.0	31.470107	50.0	811424.0	0.314701	Y
7	IC 860-27360/8	150.0	45.384721	50.0	812172.0	0.302565	Y



Calibration / Methylcyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

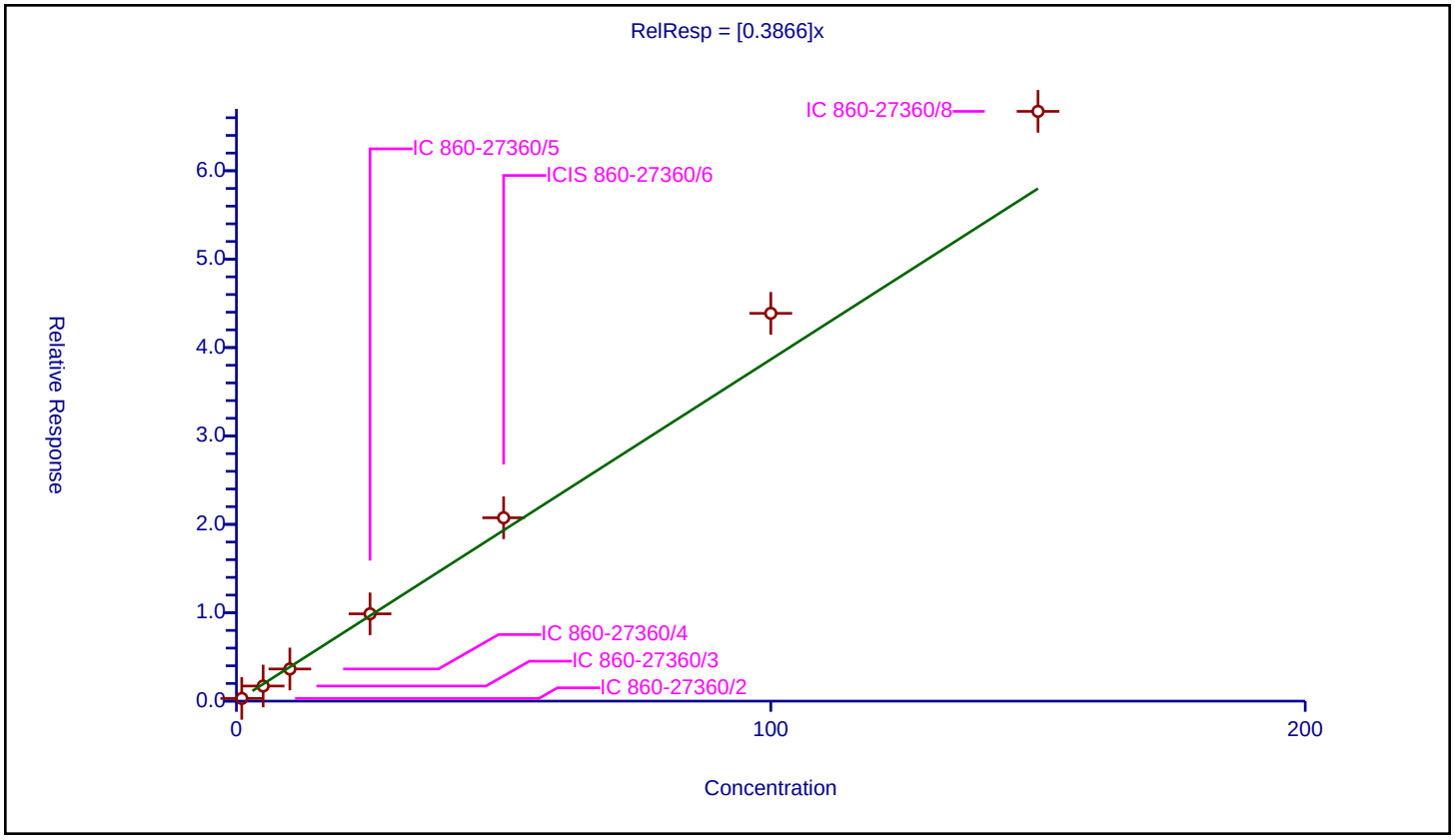
Curve Coefficients

Intercept:	0
Slope:	0.3866

Error Coefficients

Standard Error:	552000
Relative Standard Error:	13.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	0.307177	50.0	842674.0	0.307177	Y
2	IC 860-27360/3	5.0	1.70927	50.0	842260.0	0.341854	Y
3	IC 860-27360/4	10.0	3.637433	50.0	843067.0	0.363743	Y
4	IC 860-27360/5	25.0	9.877163	50.0	821820.0	0.395087	Y
5	ICIS 860-27360/6	50.0	20.743415	50.0	832146.0	0.414868	Y
6	IC 860-27360/7	100.0	43.870406	50.0	811424.0	0.438704	Y
7	IC 860-27360/8	150.0	66.719488	50.0	812172.0	0.444797	Y



Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

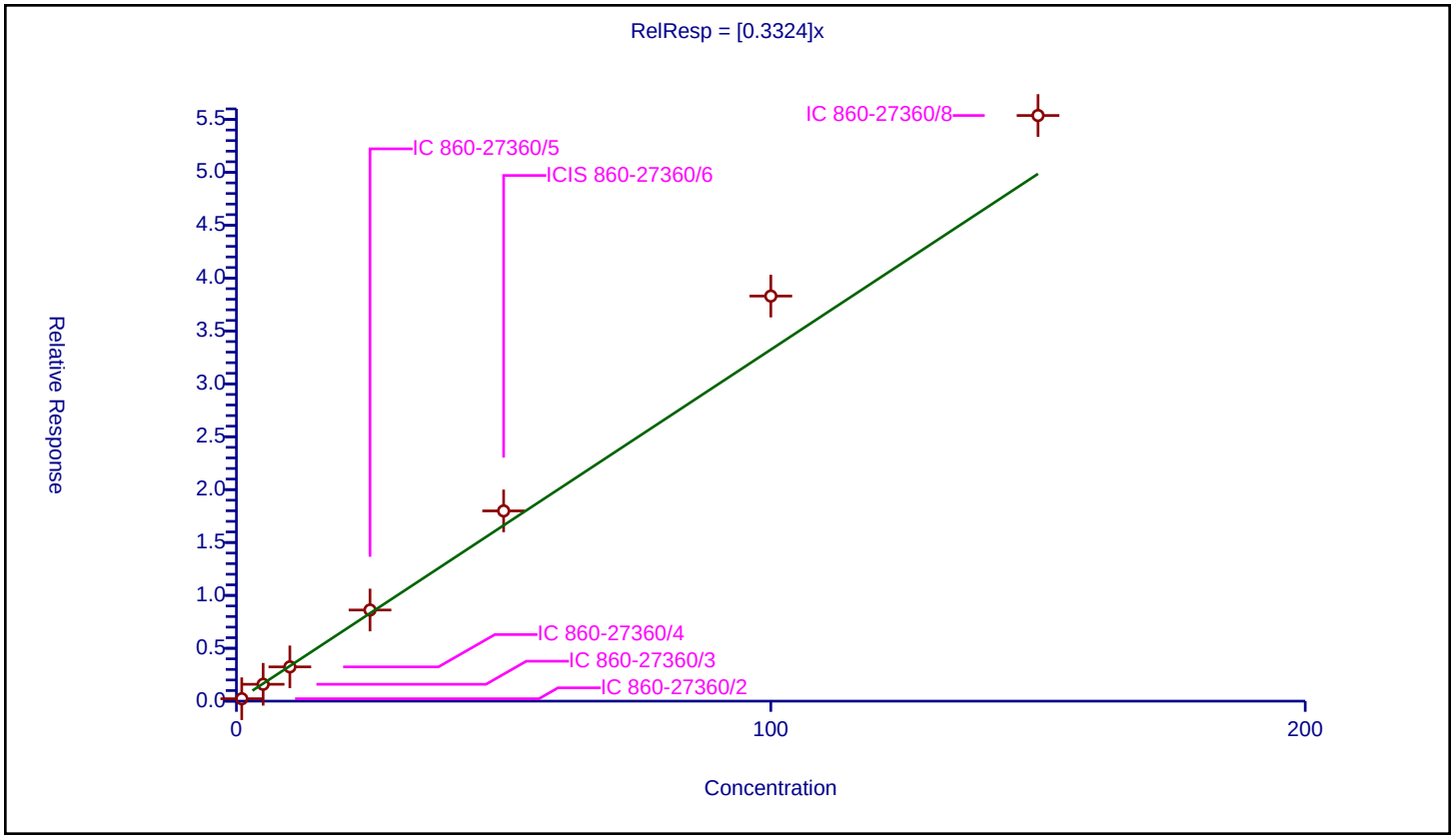
Curve Coefficients

Intercept:	0
Slope:	0.3324

Error Coefficients

Standard Error:	467000
Relative Standard Error:	15.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	0.226956	50.0	842674.0	0.226956	Y
2	IC 860-27360/3	5.0	1.595944	50.0	842260.0	0.319189	Y
3	IC 860-27360/4	10.0	3.239778	50.0	843067.0	0.323978	Y
4	IC 860-27360/5	25.0	8.616911	50.0	821820.0	0.344676	Y
5	ICIS 860-27360/6	50.0	17.98843	50.0	832146.0	0.359769	Y
6	IC 860-27360/7	100.0	38.3018	50.0	811424.0	0.383018	Y
7	IC 860-27360/8	150.0	55.376016	50.0	812172.0	0.369173	Y



Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

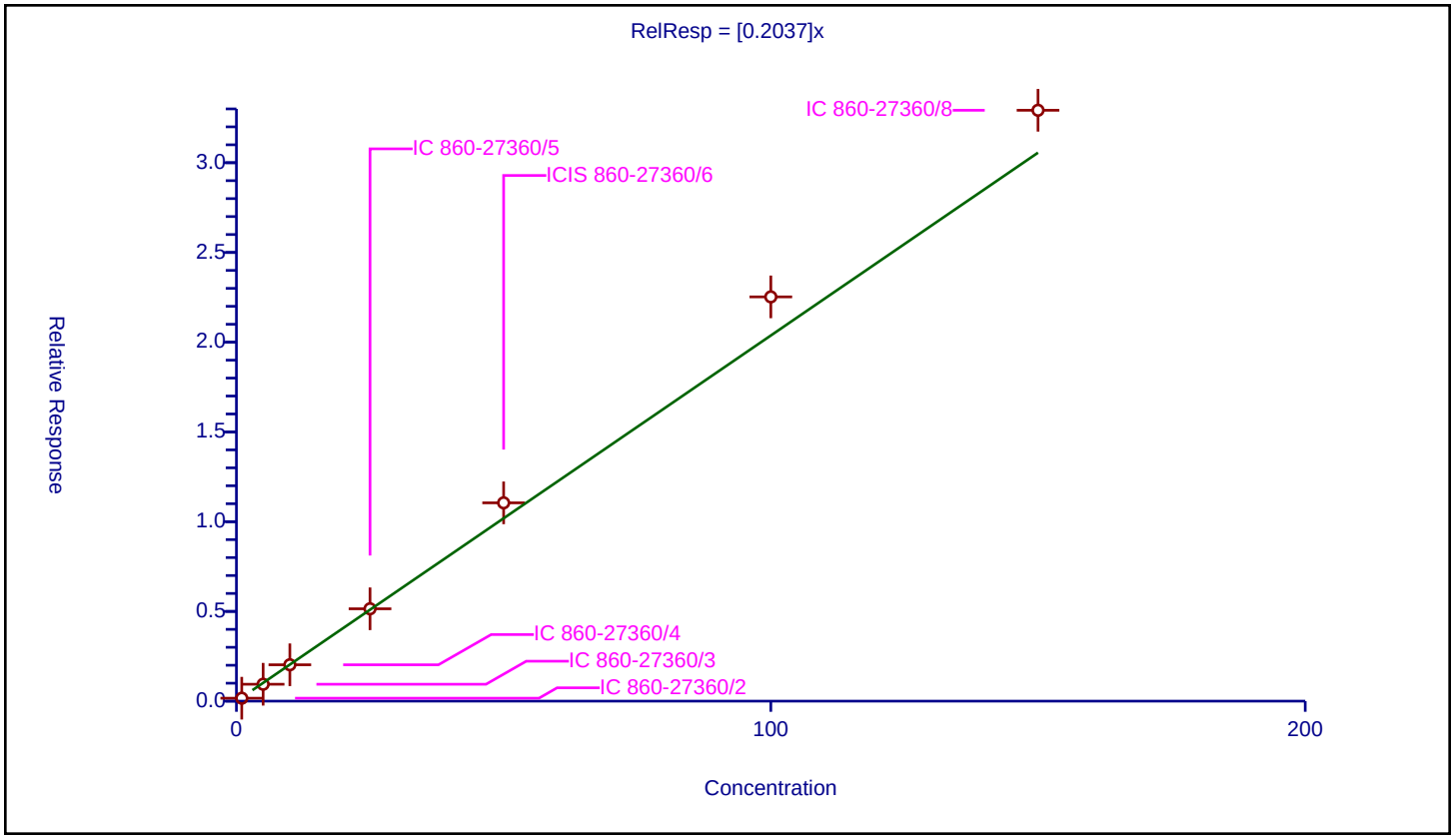
Curve Coefficients

Intercept:	0
Slope:	0.2037

Error Coefficients

Standard Error:	277000
Relative Standard Error:	10.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	0.163586	50.0	842674.0	0.163586	Y
2	IC 860-27360/3	5.0	0.941811	50.0	842260.0	0.188362	Y
3	IC 860-27360/4	10.0	2.025936	50.0	843067.0	0.202594	Y
4	IC 860-27360/5	25.0	5.146382	50.0	821820.0	0.205855	Y
5	ICIS 860-27360/6	50.0	11.049503	50.0	832146.0	0.22099	Y
6	IC 860-27360/7	100.0	22.525092	50.0	811424.0	0.225251	Y
7	IC 860-27360/8	150.0	32.923075	50.0	812172.0	0.219487	Y



Calibration / Methyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

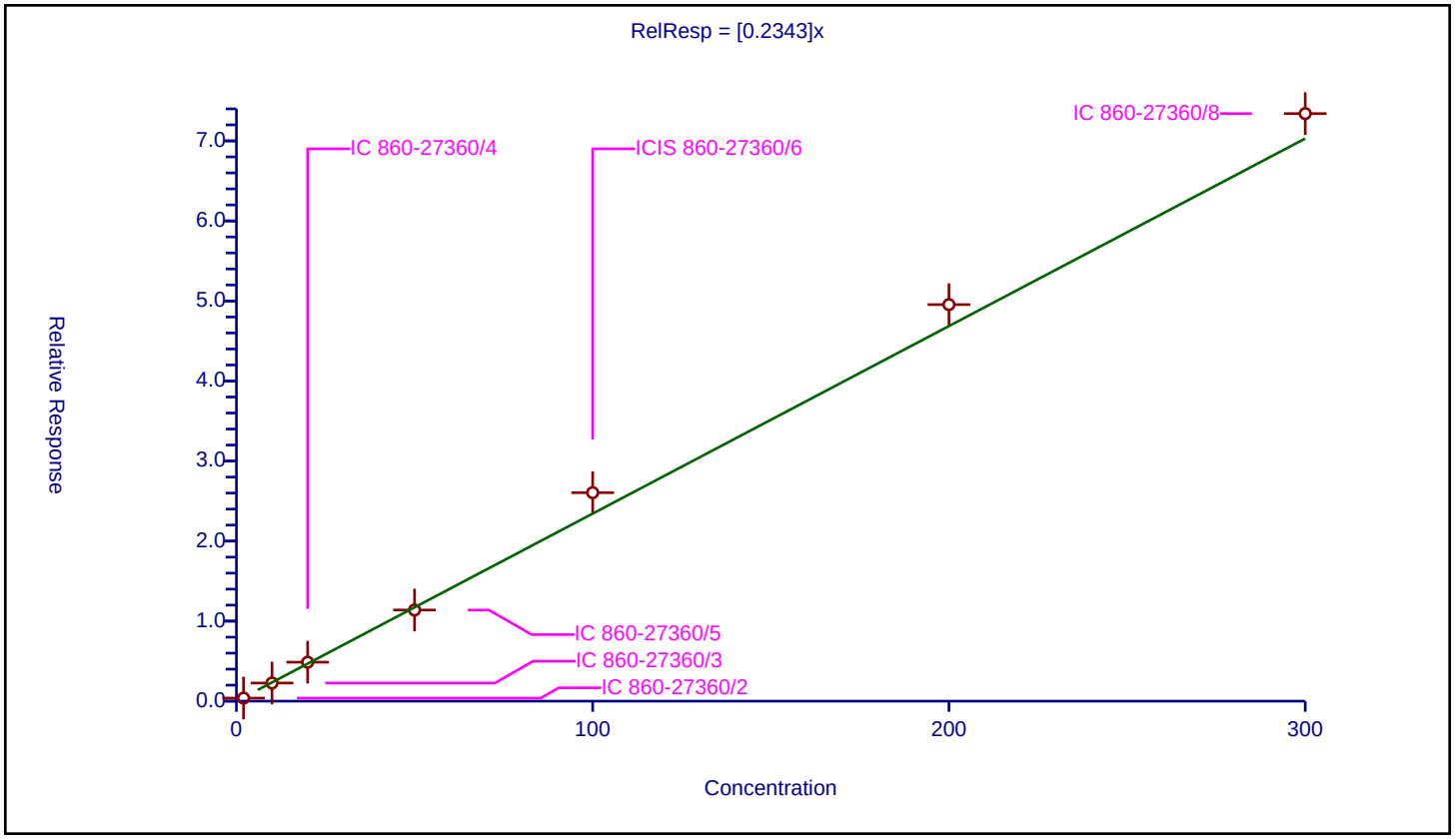
Curve Coefficients

Intercept:	0
Slope:	0.2343

Error Coefficients

Standard Error:	619000
Relative Standard Error:	9.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	2.0	0.379447	50.0	842674.0	0.189723	Y
2	IC 860-27360/3	10.0	2.265037	50.0	842260.0	0.226504	Y
3	IC 860-27360/4	20.0	4.866043	50.0	843067.0	0.243302	Y
4	IC 860-27360/5	50.0	11.387104	50.0	821820.0	0.227742	Y
5	ICIS 860-27360/6	100.0	26.049936	50.0	832146.0	0.260499	Y
6	IC 860-27360/7	200.0	49.545798	50.0	811424.0	0.247729	Y
7	IC 860-27360/8	300.0	73.411666	50.0	812172.0	0.244706	Y



Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

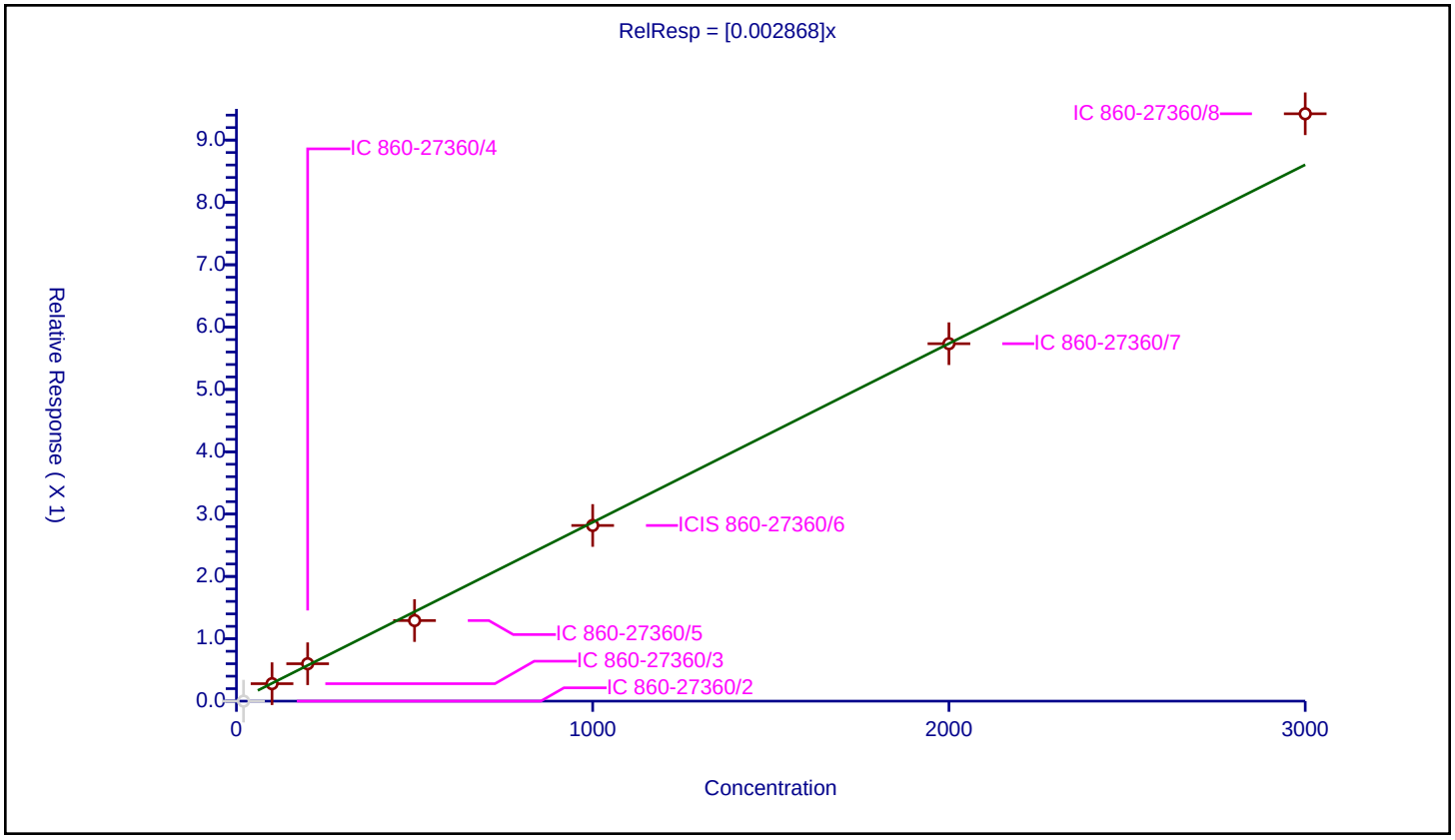
Curve Coefficients

Intercept:	0
Slope:	0.002868

Error Coefficients

Standard Error:	83500
Relative Standard Error:	6.6
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	20.0	0.0	50.0	842674.0	0.0	N
2	IC 860-27360/3	100.0	0.279842	50.0	842260.0	0.002798	Y
3	IC 860-27360/4	200.0	0.599952	50.0	843067.0	0.003	Y
4	IC 860-27360/5	500.0	1.292436	50.0	821820.0	0.002585	Y
5	ICIS 860-27360/6	1000.0	2.817955	50.0	832146.0	0.002818	Y
6	IC 860-27360/7	2000.0	5.733501	50.0	811424.0	0.002867	Y
7	IC 860-27360/8	3000.0	9.421896	50.0	812172.0	0.003141	Y



Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

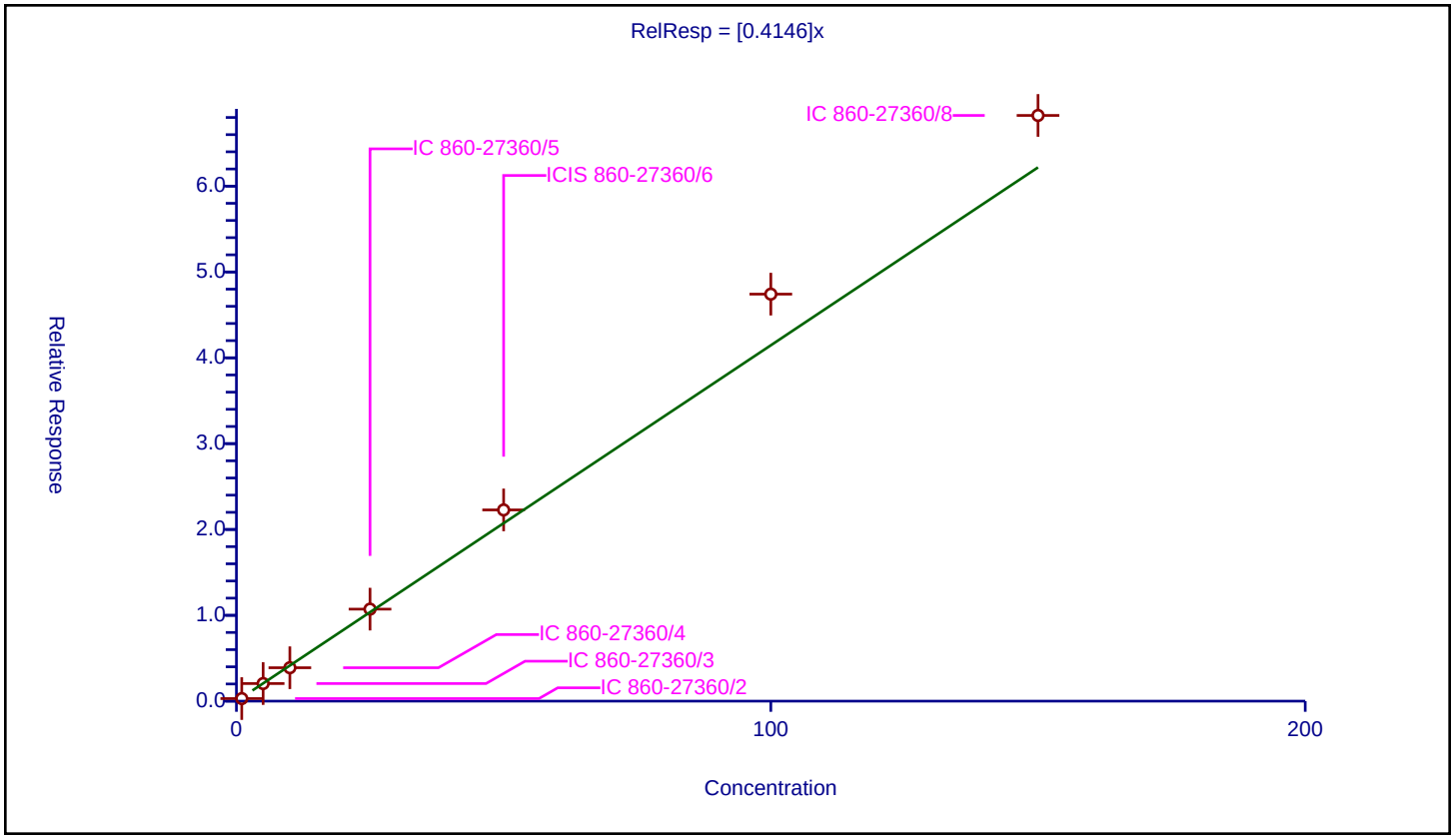
Curve Coefficients

Intercept:	0
Slope:	0.4146

Error Coefficients

Standard Error:	577000
Relative Standard Error:	14.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	0.299345	50.0	842674.0	0.299345	Y
2	IC 860-27360/3	5.0	2.050911	50.0	842260.0	0.410182	Y
3	IC 860-27360/4	10.0	3.891446	50.0	843067.0	0.389145	Y
4	IC 860-27360/5	25.0	10.718649	50.0	821820.0	0.428746	Y
5	ICIS 860-27360/6	50.0	22.277521	50.0	832146.0	0.44555	Y
6	IC 860-27360/7	100.0	47.417626	50.0	811424.0	0.474176	Y
7	IC 860-27360/8	150.0	68.235423	50.0	812172.0	0.454903	Y



Calibration / 2-Chloroethyl vinyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

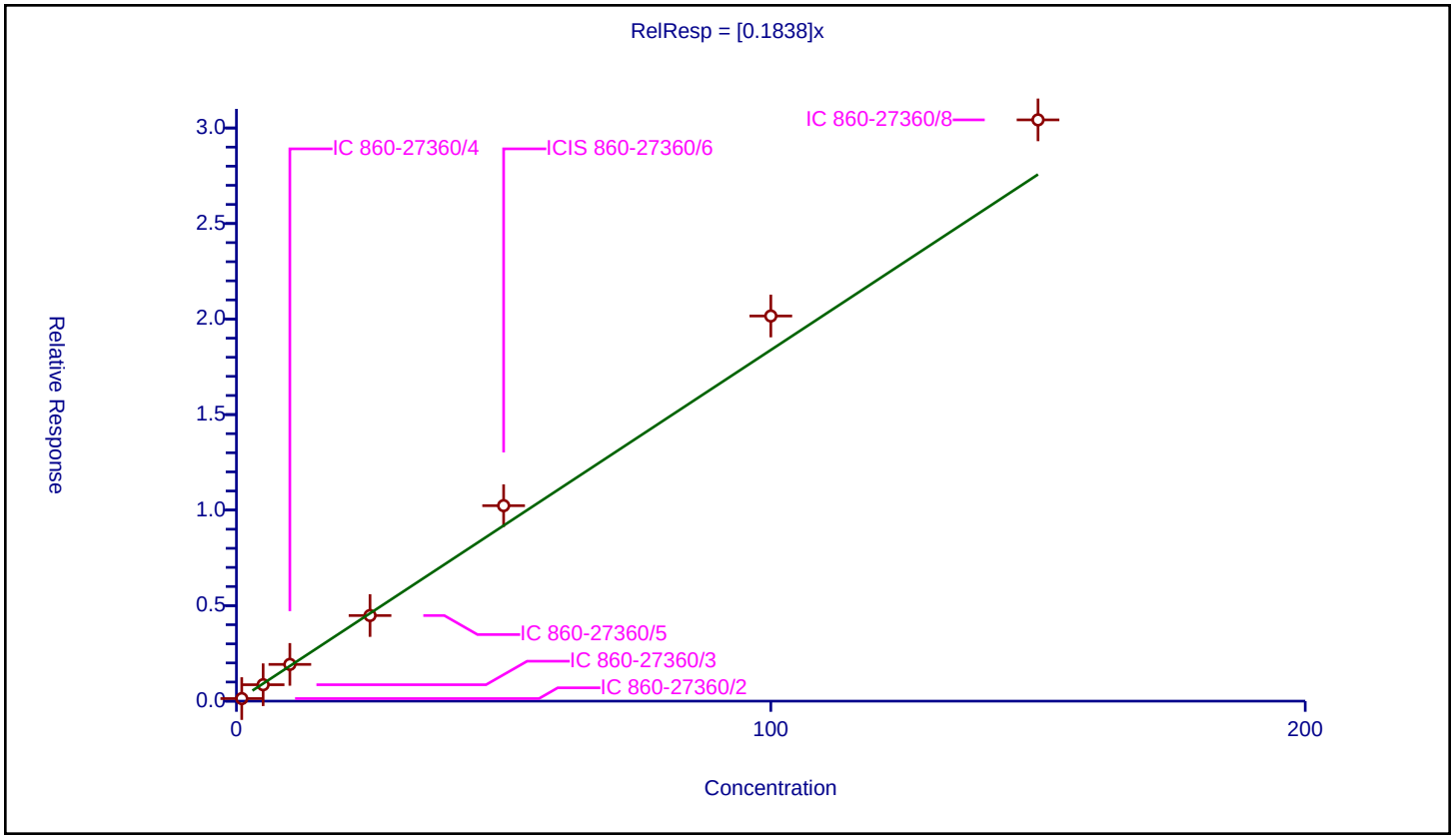
Curve Coefficients

Intercept:	0
Slope:	0.1838

Error Coefficients

Standard Error:	254000
Relative Standard Error:	13.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	0.134097	50.0	842674.0	0.134097	Y
2	IC 860-27360/3	5.0	0.858998	50.0	842260.0	0.1718	Y
3	IC 860-27360/4	10.0	1.923572	50.0	843067.0	0.192357	Y
4	IC 860-27360/5	25.0	4.481943	50.0	821820.0	0.179278	Y
5	ICIS 860-27360/6	50.0	10.232039	50.0	832146.0	0.204641	Y
6	IC 860-27360/7	100.0	20.159744	50.0	811424.0	0.201597	Y
7	IC 860-27360/8	150.0	30.425144	50.0	812172.0	0.202834	Y



Calibration / cis-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

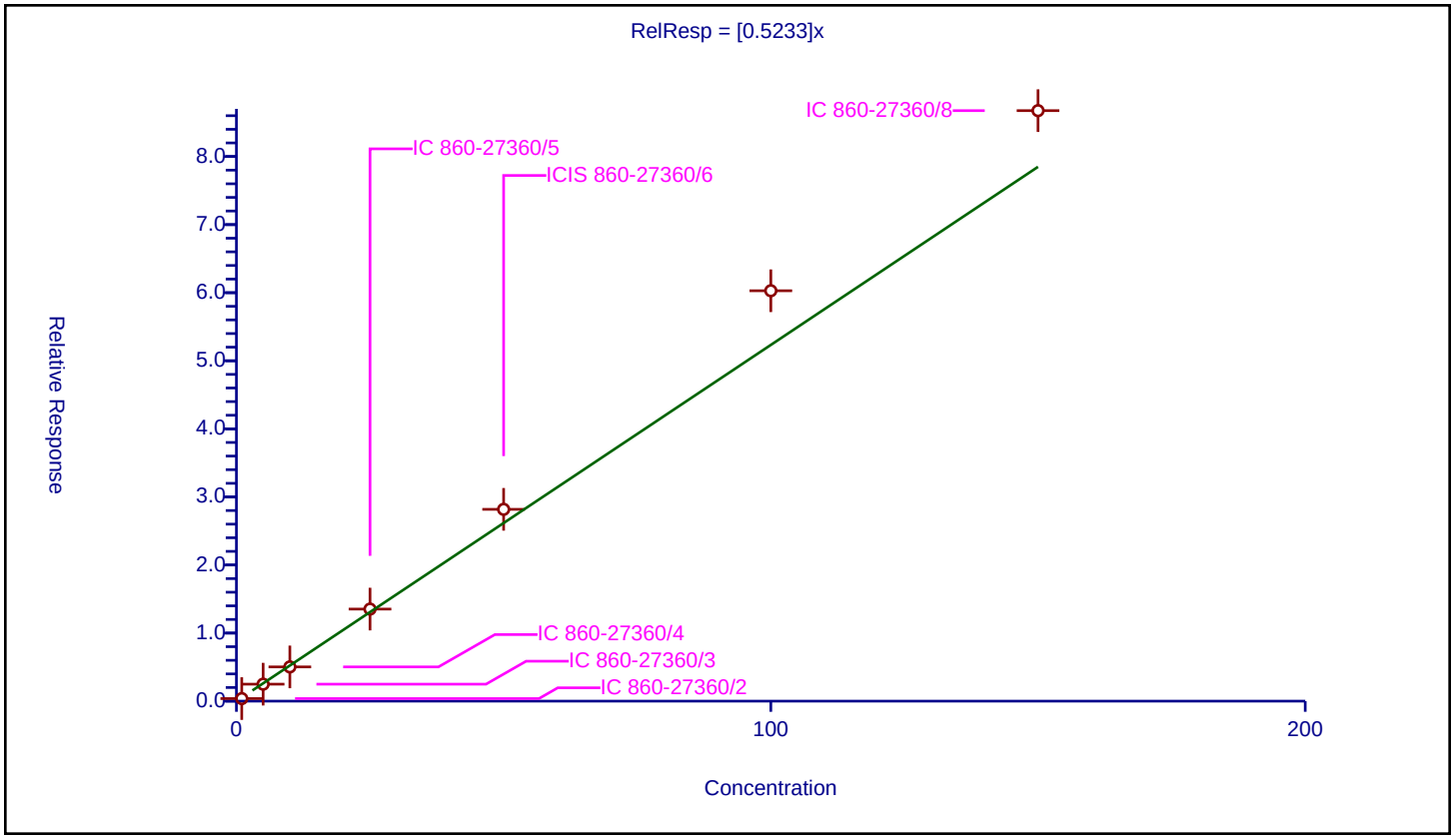
Curve Coefficients

Intercept:	0
Slope:	0.5233

Error Coefficients

Standard Error:	733000
Relative Standard Error:	14.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	0.37559	50.0	842674.0	0.37559	Y
2	IC 860-27360/3	5.0	2.493945	50.0	842260.0	0.498789	Y
3	IC 860-27360/4	10.0	5.028129	50.0	843067.0	0.502813	Y
4	IC 860-27360/5	25.0	13.525346	50.0	821820.0	0.541014	Y
5	ICIS 860-27360/6	50.0	28.175044	50.0	832146.0	0.563501	Y
6	IC 860-27360/7	100.0	60.28519	50.0	811424.0	0.602852	Y
7	IC 860-27360/8	150.0	86.740432	50.0	812172.0	0.57827	Y



Calibration / 4-Methyl-2-pentanone (MIBK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

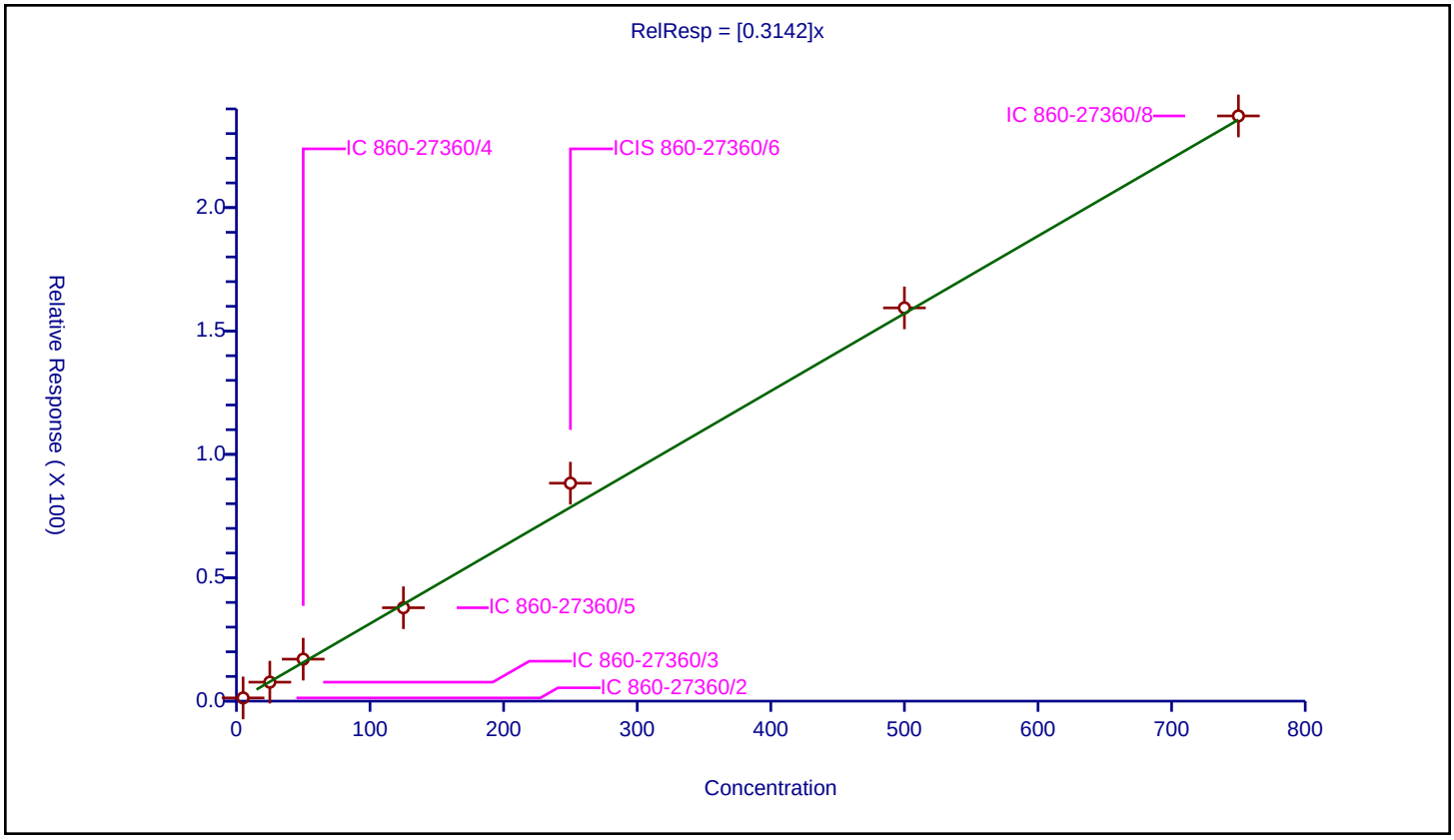
Curve Coefficients

Intercept:	0
Slope:	0.3142

Error Coefficients

Standard Error:	2010000
Relative Standard Error:	9.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	5.0	1.300444	50.0	842674.0	0.260089	Y
2	IC 860-27360/3	25.0	7.693408	50.0	842260.0	0.307736	Y
3	IC 860-27360/4	50.0	17.012645	50.0	843067.0	0.340253	Y
4	IC 860-27360/5	125.0	37.847704	50.0	821820.0	0.302782	Y
5	ICIS 860-27360/6	250.0	88.320018	50.0	832146.0	0.35328	Y
6	IC 860-27360/7	500.0	159.365942	50.0	811424.0	0.318732	Y
7	IC 860-27360/8	750.0	237.151798	50.0	812172.0	0.316202	Y



Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

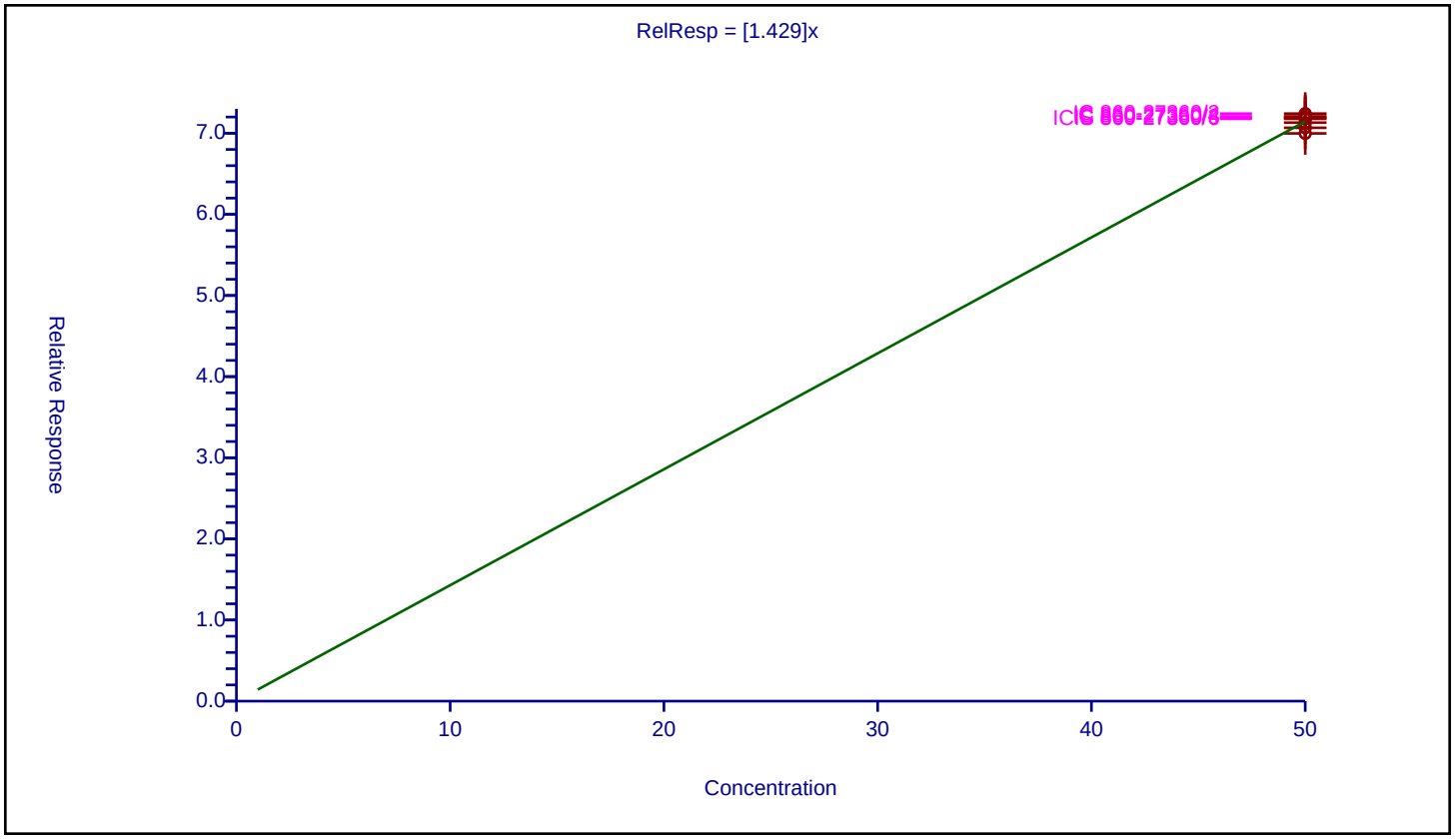
Curve Coefficients

Intercept:	0
Slope:	1.429

Error Coefficients

Standard Error:	1120000
Relative Standard Error:	1.2
Correlation Coefficient:	0.00000000000000000000
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	50.0	72.420544	50.0	725870.0	1.448411	Y
2	IC 860-27360/3	50.0	71.919222	50.0	723413.0	1.438384	Y
3	IC 860-27360/4	50.0	72.073274	50.0	726614.0	1.441465	Y
4	IC 860-27360/5	50.0	71.305437	50.0	717047.0	1.426109	Y
5	ICIS 860-27360/6	50.0	71.774663	50.0	723219.0	1.435493	Y
6	IC 860-27360/7	50.0	70.670132	50.0	719739.0	1.413403	Y
7	IC 860-27360/8	50.0	69.975911	50.0	726873.0	1.399518	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

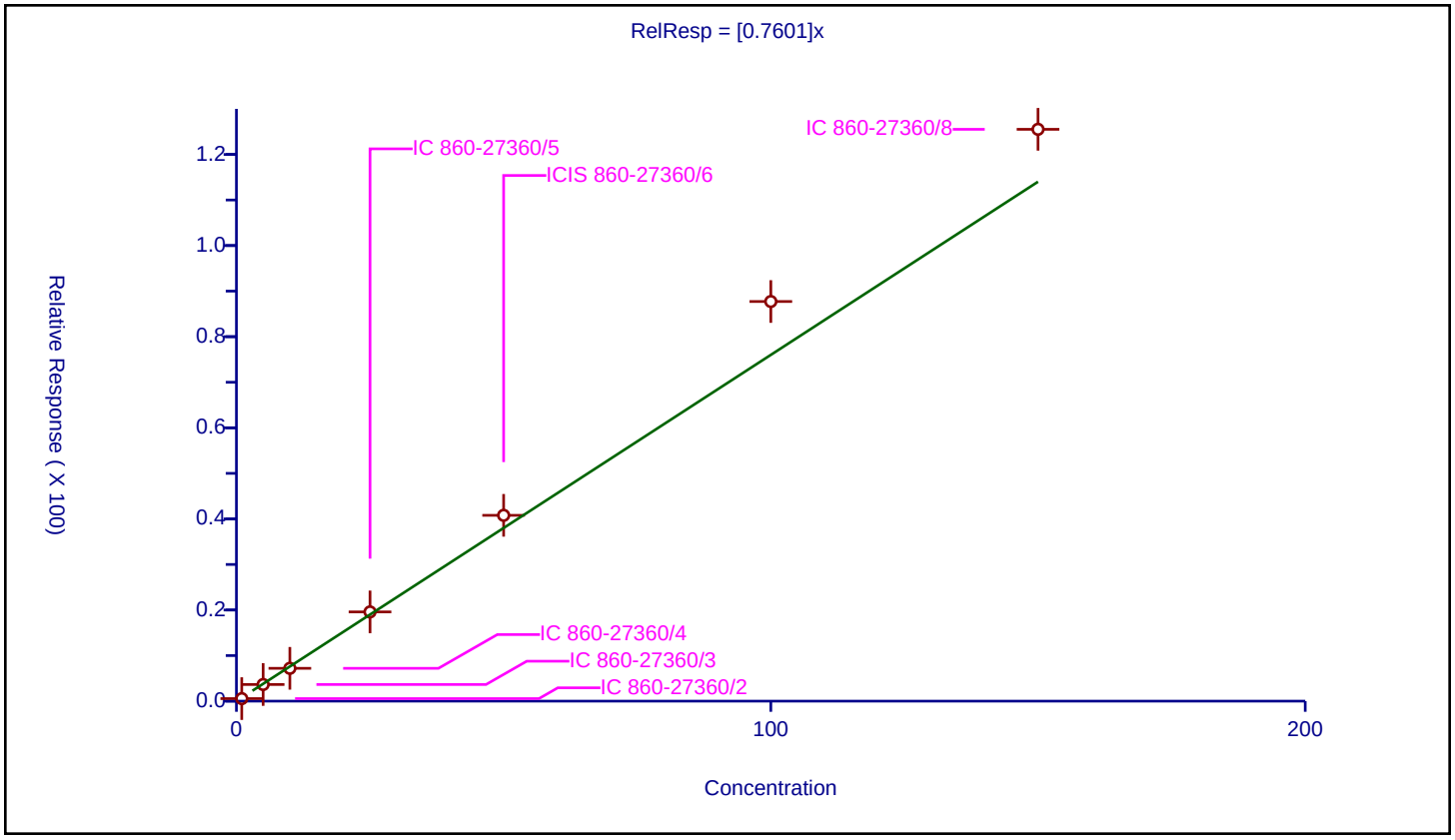
Curve Coefficients

Intercept:	0
Slope:	0.7601

Error Coefficients

Standard Error:	946000
Relative Standard Error:	13.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	0.556711	50.0	725870.0	0.556711	Y
2	IC 860-27360/3	5.0	3.648124	50.0	723413.0	0.729625	Y
3	IC 860-27360/4	10.0	7.207885	50.0	726614.0	0.720788	Y
4	IC 860-27360/5	25.0	19.590138	50.0	717047.0	0.783606	Y
5	ICIS 860-27360/6	50.0	40.787438	50.0	723219.0	0.815749	Y
6	IC 860-27360/7	100.0	87.718326	50.0	719739.0	0.877183	Y
7	IC 860-27360/8	150.0	125.517938	50.0	726873.0	0.836786	Y



Calibration / trans-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

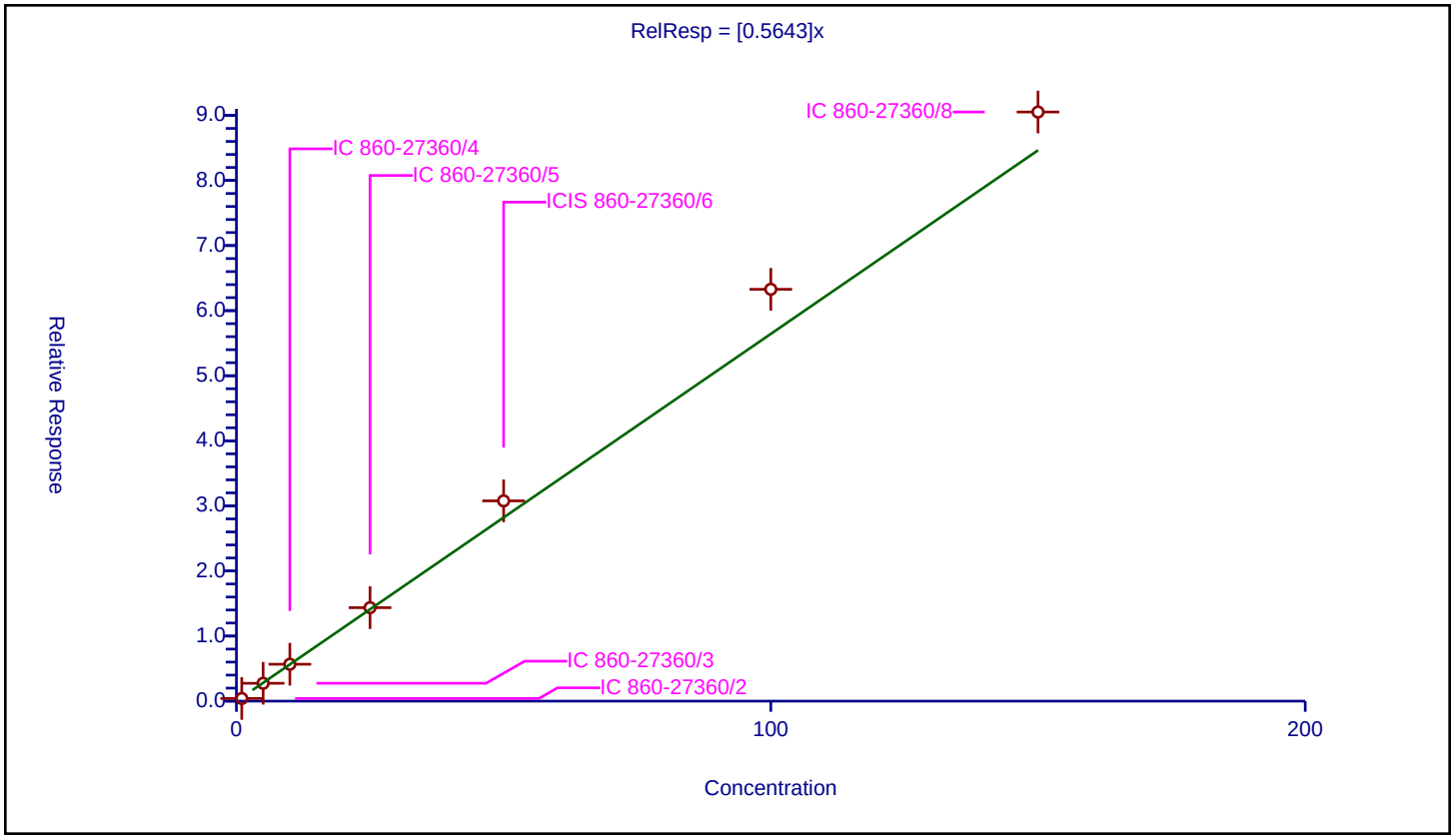
Curve Coefficients

Intercept:	0
Slope:	0.5643

Error Coefficients

Standard Error:	684000
Relative Standard Error:	13.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	0.407993	50.0	725870.0	0.407993	Y
2	IC 860-27360/3	5.0	2.744352	50.0	723413.0	0.54887	Y
3	IC 860-27360/4	10.0	5.66814	50.0	726614.0	0.566814	Y
4	IC 860-27360/5	25.0	14.361053	50.0	717047.0	0.574442	Y
5	ICIS 860-27360/6	50.0	30.773044	50.0	723219.0	0.615461	Y
6	IC 860-27360/7	100.0	63.284052	50.0	719739.0	0.632841	Y
7	IC 860-27360/8	150.0	90.519871	50.0	726873.0	0.603466	Y



Calibration / Ethyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

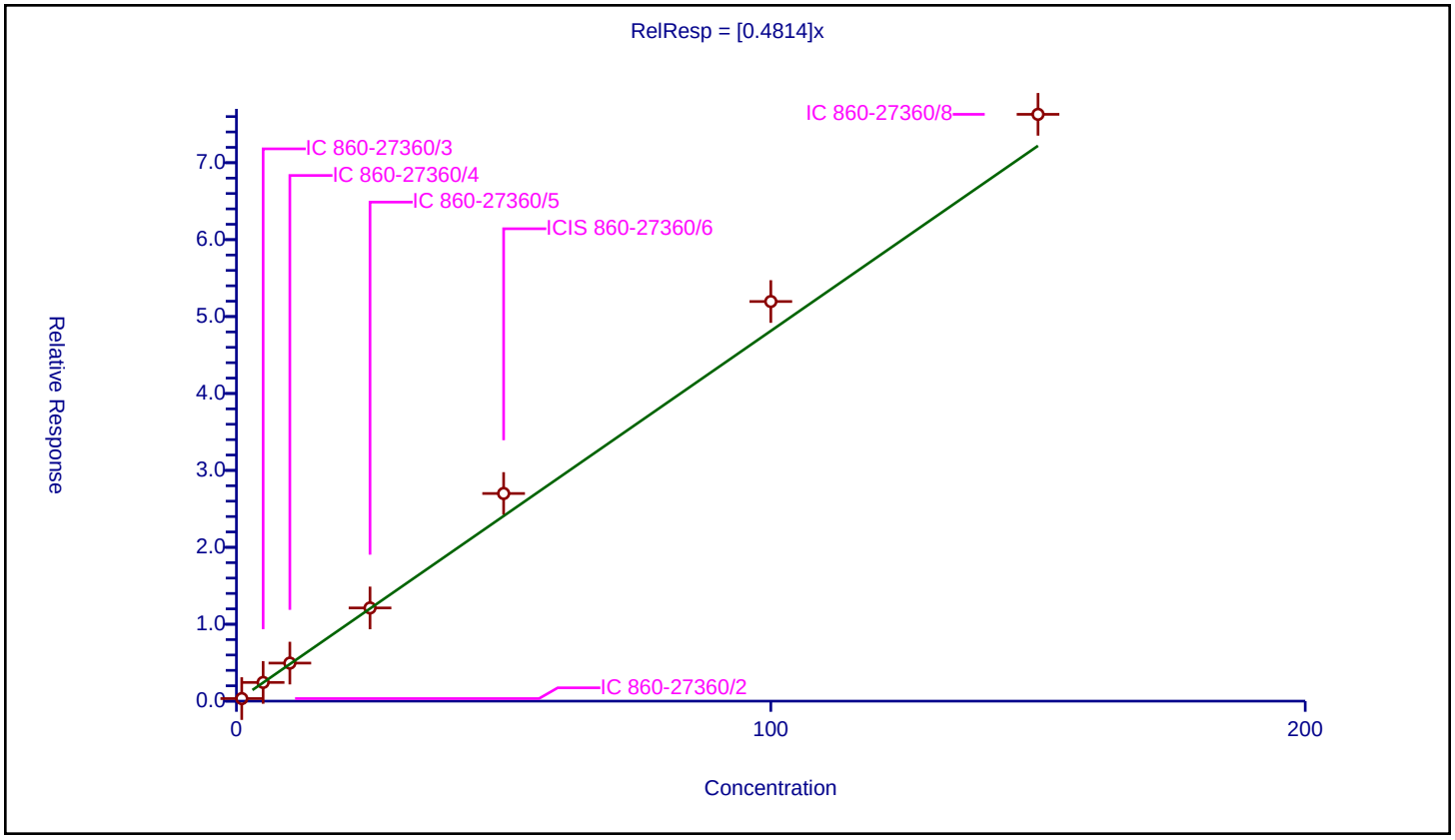
Curve Coefficients

Intercept:	0
Slope:	0.4814

Error Coefficients

Standard Error:	574000
Relative Standard Error:	14.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	0.335184	50.0	725870.0	0.335184	Y
2	IC 860-27360/3	5.0	2.433879	50.0	723413.0	0.486776	Y
3	IC 860-27360/4	10.0	4.947331	50.0	726614.0	0.494733	Y
4	IC 860-27360/5	25.0	12.116849	50.0	717047.0	0.484674	Y
5	ICIS 860-27360/6	50.0	26.997908	50.0	723219.0	0.539958	Y
6	IC 860-27360/7	100.0	51.957029	50.0	719739.0	0.51957	Y
7	IC 860-27360/8	150.0	76.292901	50.0	726873.0	0.508619	Y



Calibration / 1,1,2-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

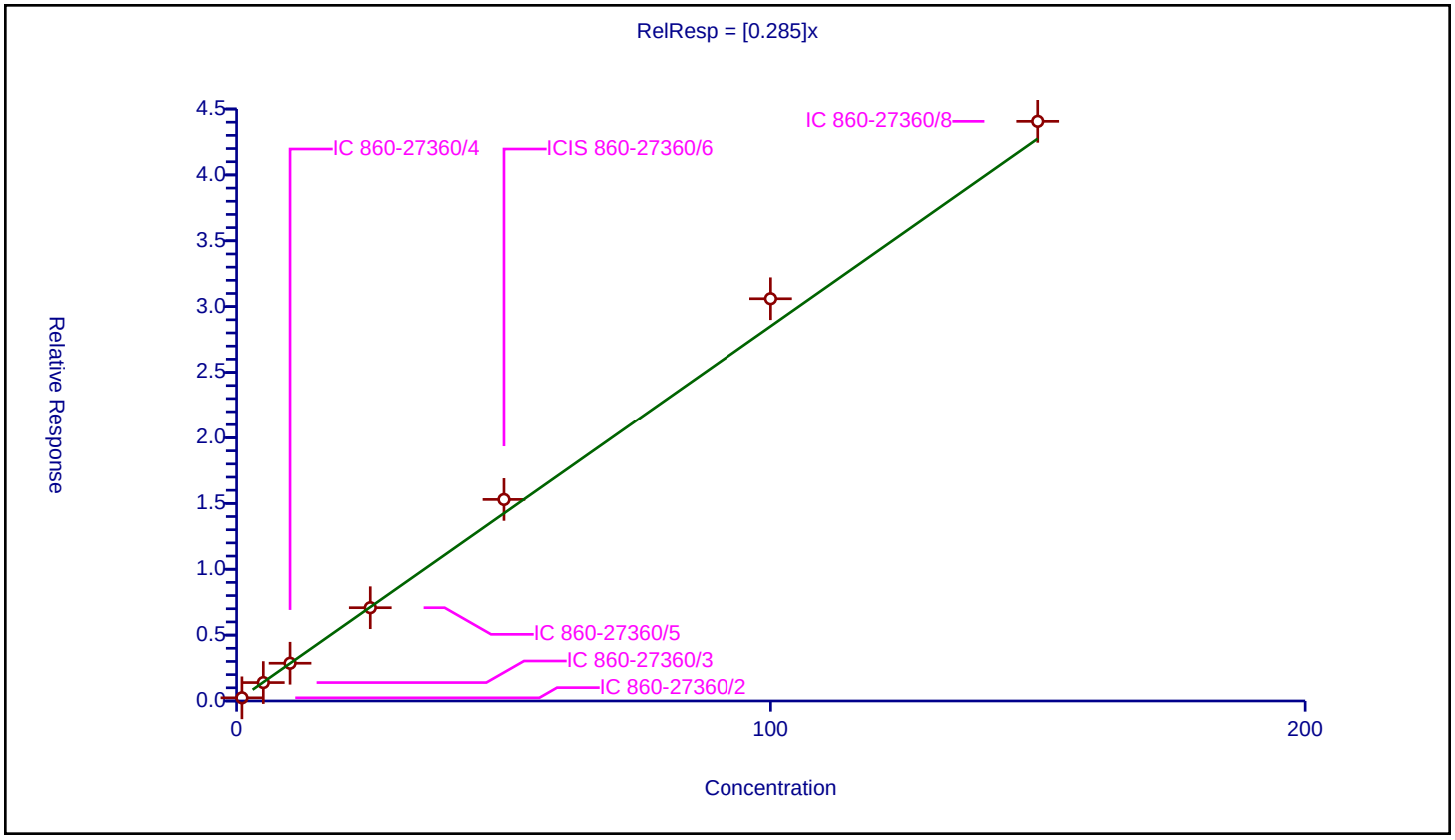
Curve Coefficients

Intercept:	0
Slope:	0.285

Error Coefficients

Standard Error:	333000
Relative Standard Error:	7.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	0.240332	50.0	725870.0	0.240332	Y
2	IC 860-27360/3	5.0	1.396505	50.0	723413.0	0.279301	Y
3	IC 860-27360/4	10.0	2.864382	50.0	726614.0	0.286438	Y
4	IC 860-27360/5	25.0	7.080847	50.0	717047.0	0.283234	Y
5	ICIS 860-27360/6	50.0	15.299792	50.0	723219.0	0.305996	Y
6	IC 860-27360/7	100.0	30.600051	50.0	719739.0	0.306001	Y
7	IC 860-27360/8	150.0	44.064575	50.0	726873.0	0.293764	Y



Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

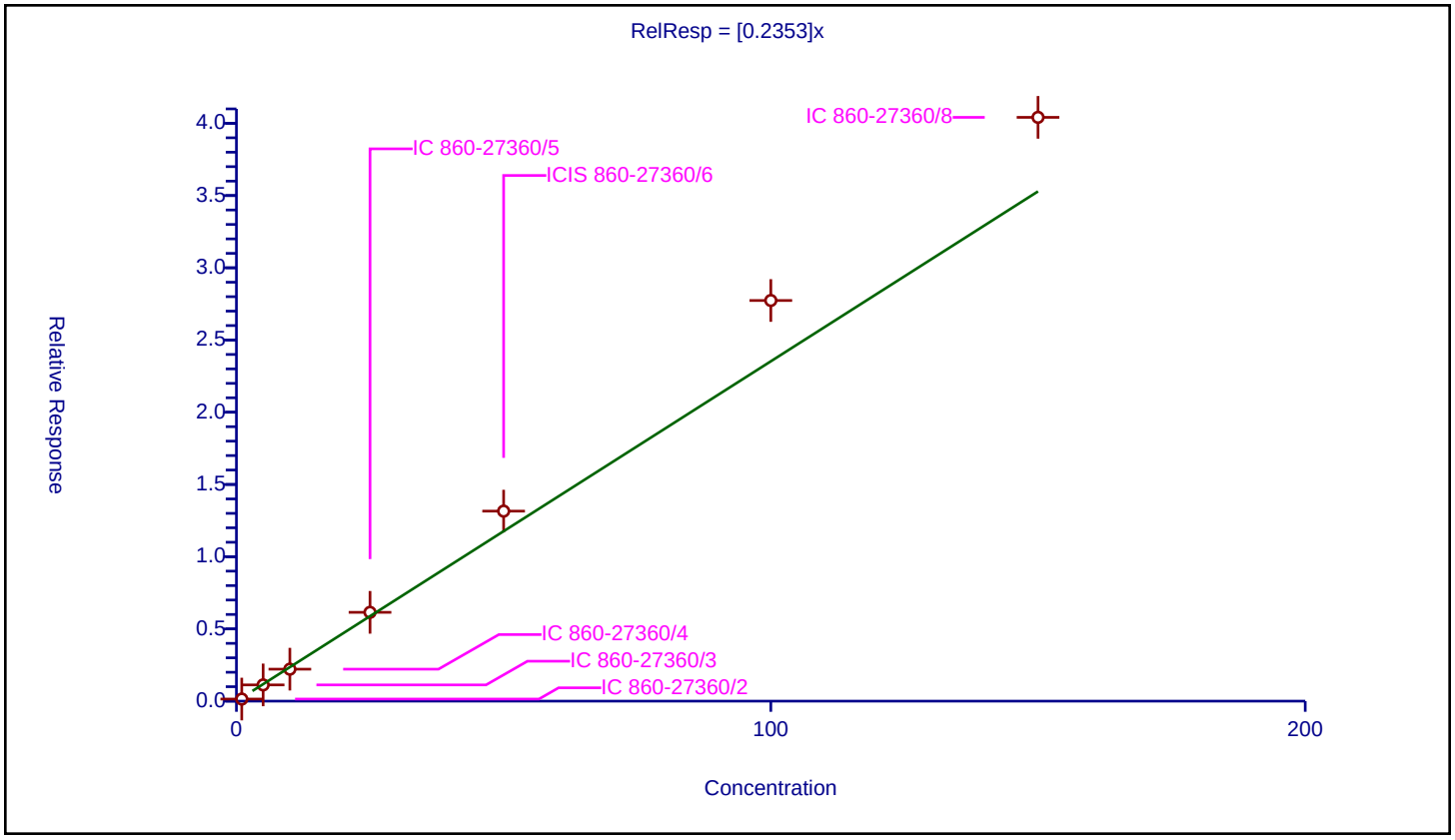
Curve Coefficients

Intercept:	0
Slope:	0.2353

Error Coefficients

Standard Error:	303000
Relative Standard Error:	19.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.965

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	0.14493	50.0	725870.0	0.14493	Y
2	IC 860-27360/3	5.0	1.123632	50.0	723413.0	0.224726	Y
3	IC 860-27360/4	10.0	2.213348	50.0	726614.0	0.221335	Y
4	IC 860-27360/5	25.0	6.148133	50.0	717047.0	0.245925	Y
5	ICIS 860-27360/6	50.0	13.15466	50.0	723219.0	0.263093	Y
6	IC 860-27360/7	100.0	27.736235	50.0	719739.0	0.277362	Y
7	IC 860-27360/8	150.0	40.413525	50.0	726873.0	0.269423	Y



Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

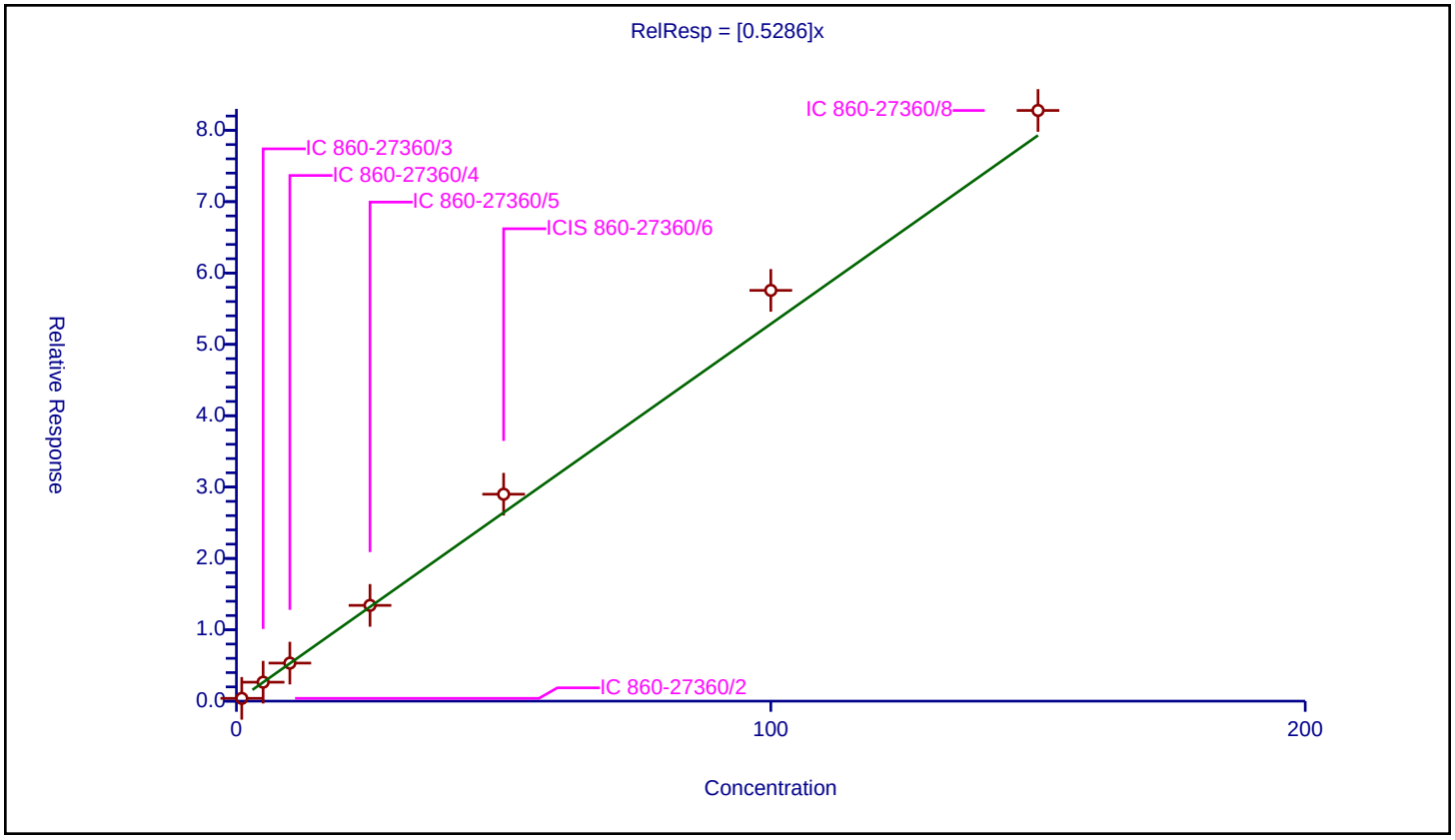
Curve Coefficients

Intercept:	0
Slope:	0.5286

Error Coefficients

Standard Error:	627000
Relative Standard Error:	12.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	0.391392	50.0	725870.0	0.391392	Y
2	IC 860-27360/3	5.0	2.656712	50.0	723413.0	0.531342	Y
3	IC 860-27360/4	10.0	5.331717	50.0	726614.0	0.533172	Y
4	IC 860-27360/5	25.0	13.421087	50.0	717047.0	0.536843	Y
5	ICIS 860-27360/6	50.0	28.998616	50.0	723219.0	0.579972	Y
6	IC 860-27360/7	100.0	57.567535	50.0	719739.0	0.575675	Y
7	IC 860-27360/8	150.0	82.781586	50.0	726873.0	0.551877	Y



Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

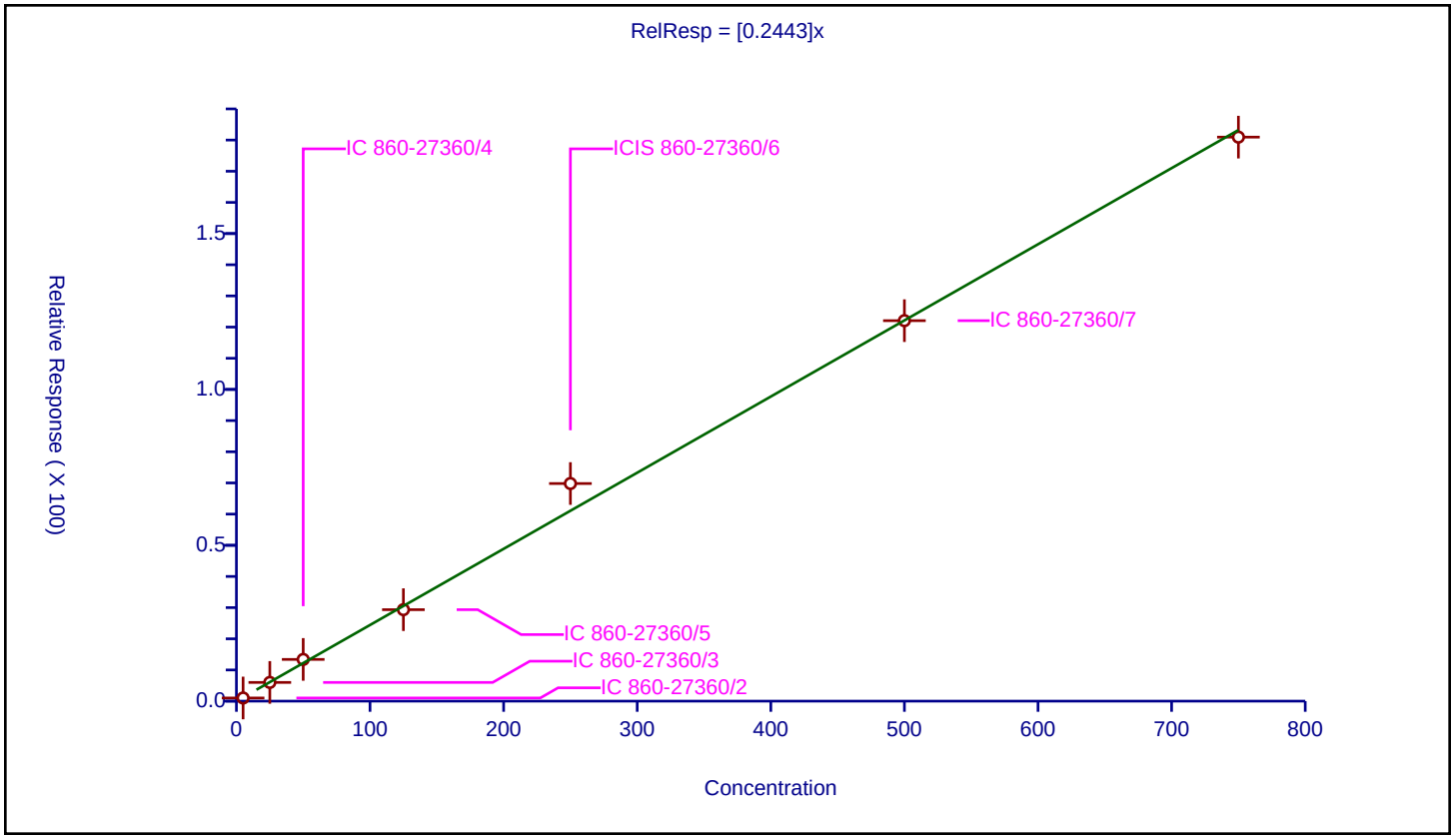
Curve Coefficients

Intercept:	0
Slope:	0.2443

Error Coefficients

Standard Error:	1370000
Relative Standard Error:	10.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	5.0	1.013542	50.0	725870.0	0.202708	Y
2	IC 860-27360/3	25.0	6.003694	50.0	723413.0	0.240148	Y
3	IC 860-27360/4	50.0	13.38214	50.0	726614.0	0.267643	Y
4	IC 860-27360/5	125.0	29.348355	50.0	717047.0	0.234787	Y
5	ICIS 860-27360/6	250.0	69.816128	50.0	723219.0	0.279265	Y
6	IC 860-27360/7	500.0	122.059733	50.0	719739.0	0.244119	Y
7	IC 860-27360/8	750.0	180.94337	50.0	726873.0	0.241258	Y



Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

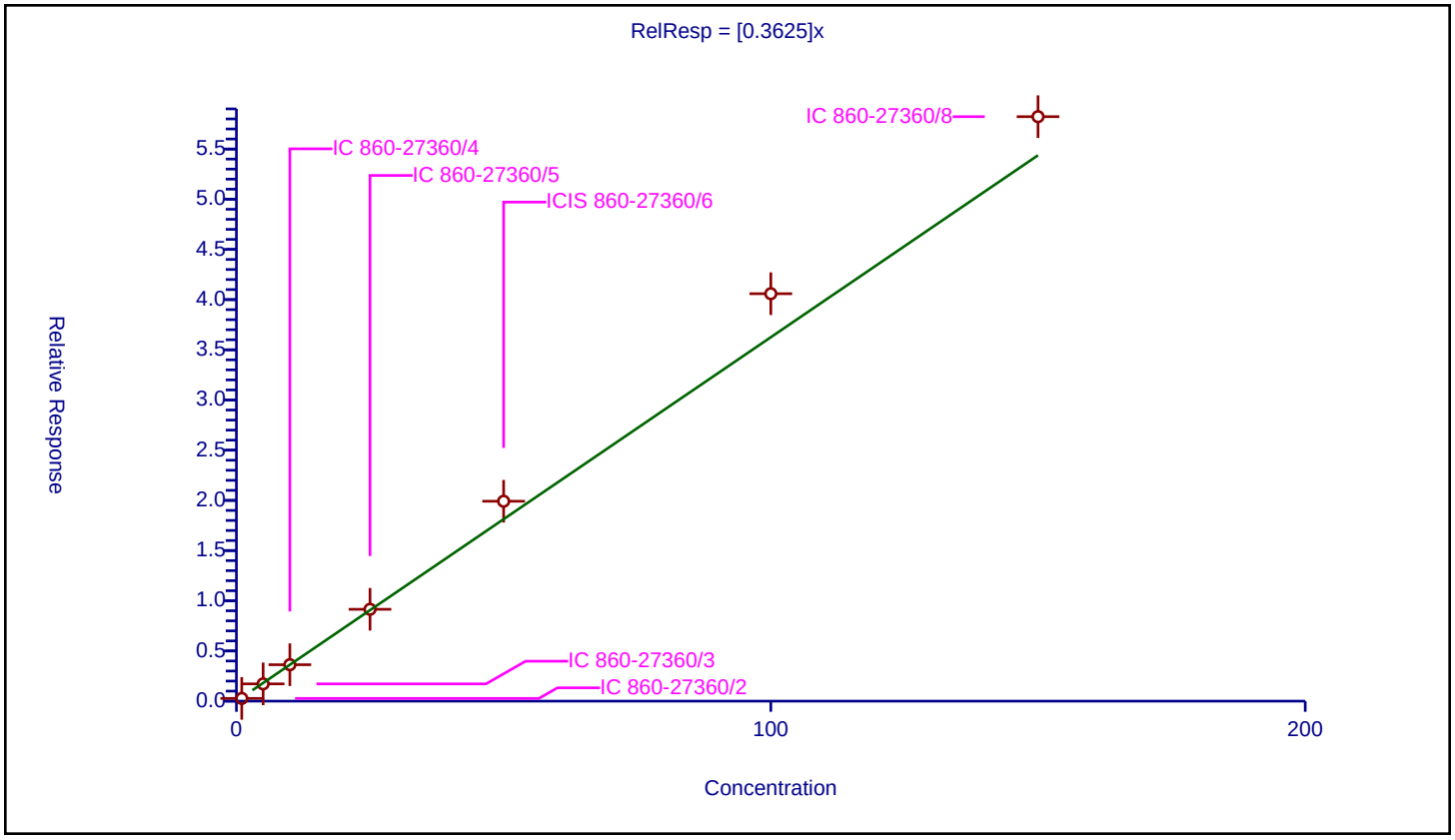
Curve Coefficients

Intercept:	0
Slope:	0.3625

Error Coefficients

Standard Error:	440000
Relative Standard Error:	12.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	0.272294	50.0	725870.0	0.272294	Y
2	IC 860-27360/3	5.0	1.721009	50.0	723413.0	0.344202	Y
3	IC 860-27360/4	10.0	3.627855	50.0	726614.0	0.362785	Y
4	IC 860-27360/5	25.0	9.150376	50.0	717047.0	0.366015	Y
5	ICIS 860-27360/6	50.0	19.915199	50.0	723219.0	0.398304	Y
6	IC 860-27360/7	100.0	40.589922	50.0	719739.0	0.405899	Y
7	IC 860-27360/8	150.0	58.224683	50.0	726873.0	0.388165	Y



Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

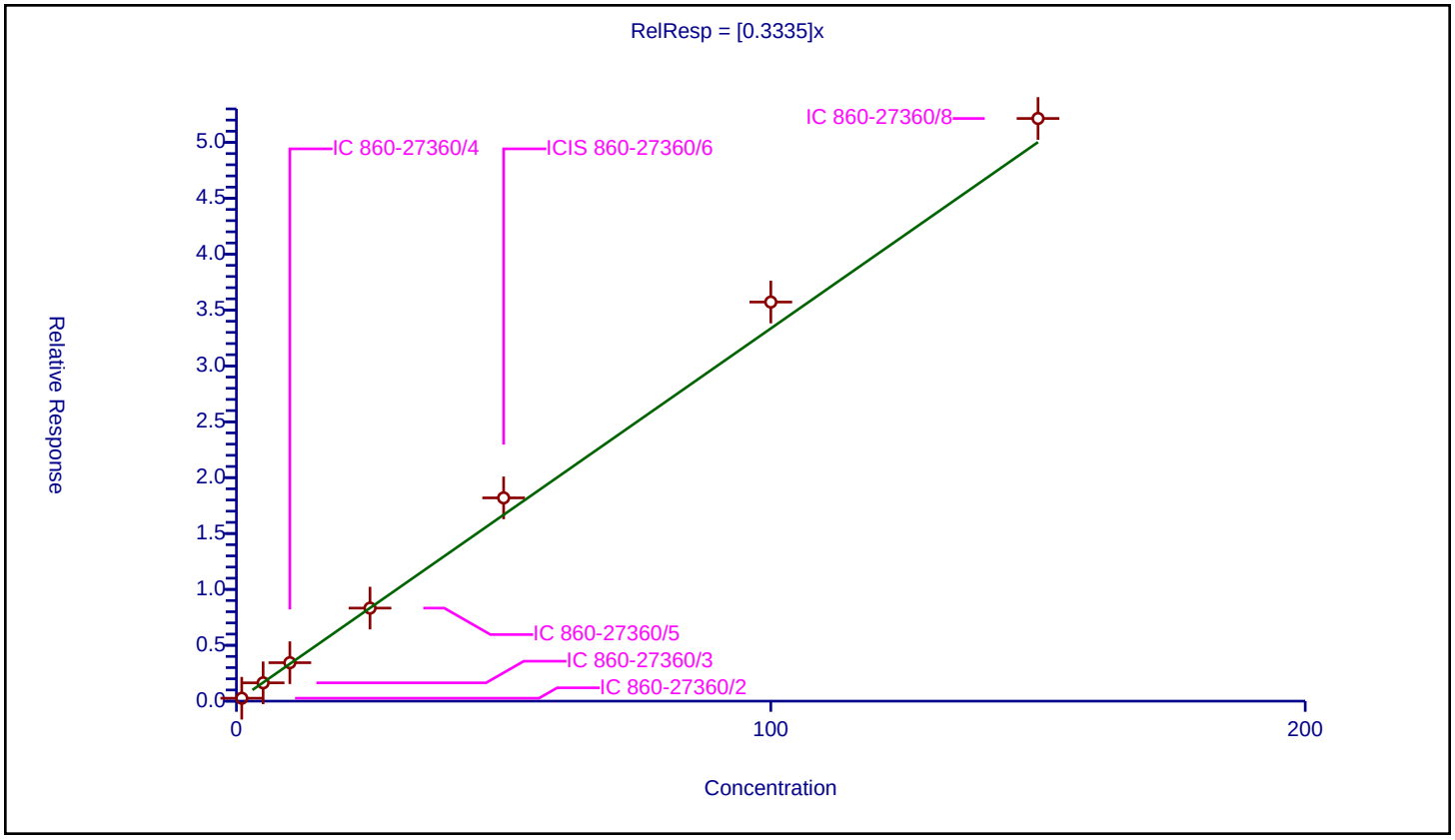
Curve Coefficients

Intercept:	0
Slope:	0.3335

Error Coefficients

Standard Error:	393000
Relative Standard Error:	10.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	0.260859	50.0	725870.0	0.260859	Y
2	IC 860-27360/3	5.0	1.639727	50.0	723413.0	0.327945	Y
3	IC 860-27360/4	10.0	3.441029	50.0	726614.0	0.344103	Y
4	IC 860-27360/5	25.0	8.326651	50.0	717047.0	0.333066	Y
5	ICIS 860-27360/6	50.0	18.190548	50.0	723219.0	0.363811	Y
6	IC 860-27360/7	100.0	35.714474	50.0	719739.0	0.357145	Y
7	IC 860-27360/8	150.0	52.142947	50.0	726873.0	0.34762	Y



Calibration / 1-Chlorohexane

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

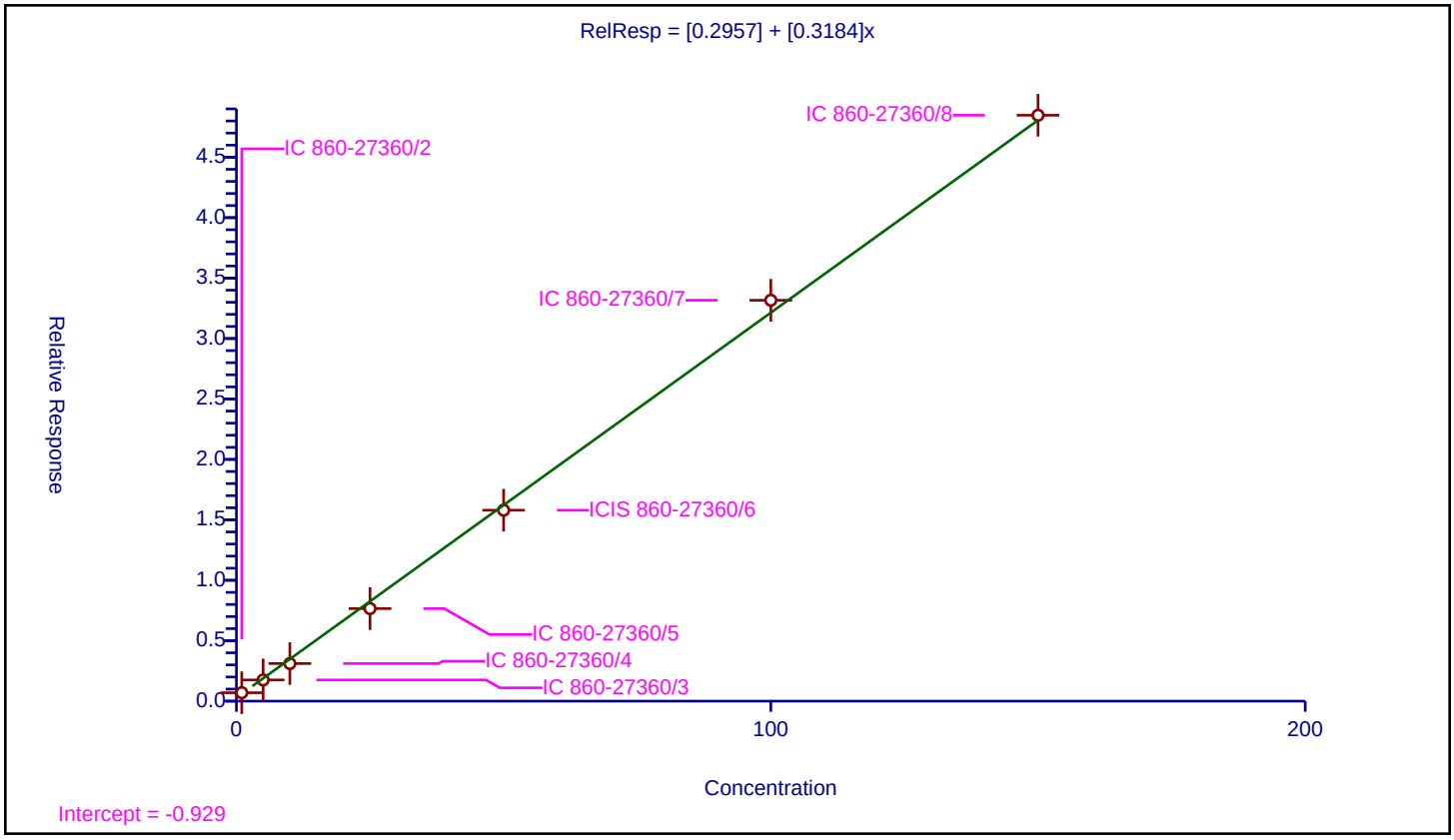
Curve Coefficients

Intercept:	0.2957
Slope:	0.3184

Error Coefficients

Standard Error:	398000
Relative Standard Error:	13.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	0.697508	50.0	725870.0	0.697508	Y
2	IC 860-27360/3	5.0	1.752388	50.0	723413.0	0.350478	Y
3	IC 860-27360/4	10.0	3.110799	50.0	726614.0	0.31108	Y
4	IC 860-27360/5	25.0	7.659191	50.0	717047.0	0.306368	Y
5	ICIS 860-27360/6	50.0	15.797151	50.0	723219.0	0.315943	Y
6	IC 860-27360/7	100.0	33.168065	50.0	719739.0	0.331681	Y
7	IC 860-27360/8	150.0	48.472773	50.0	726873.0	0.323152	Y



Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

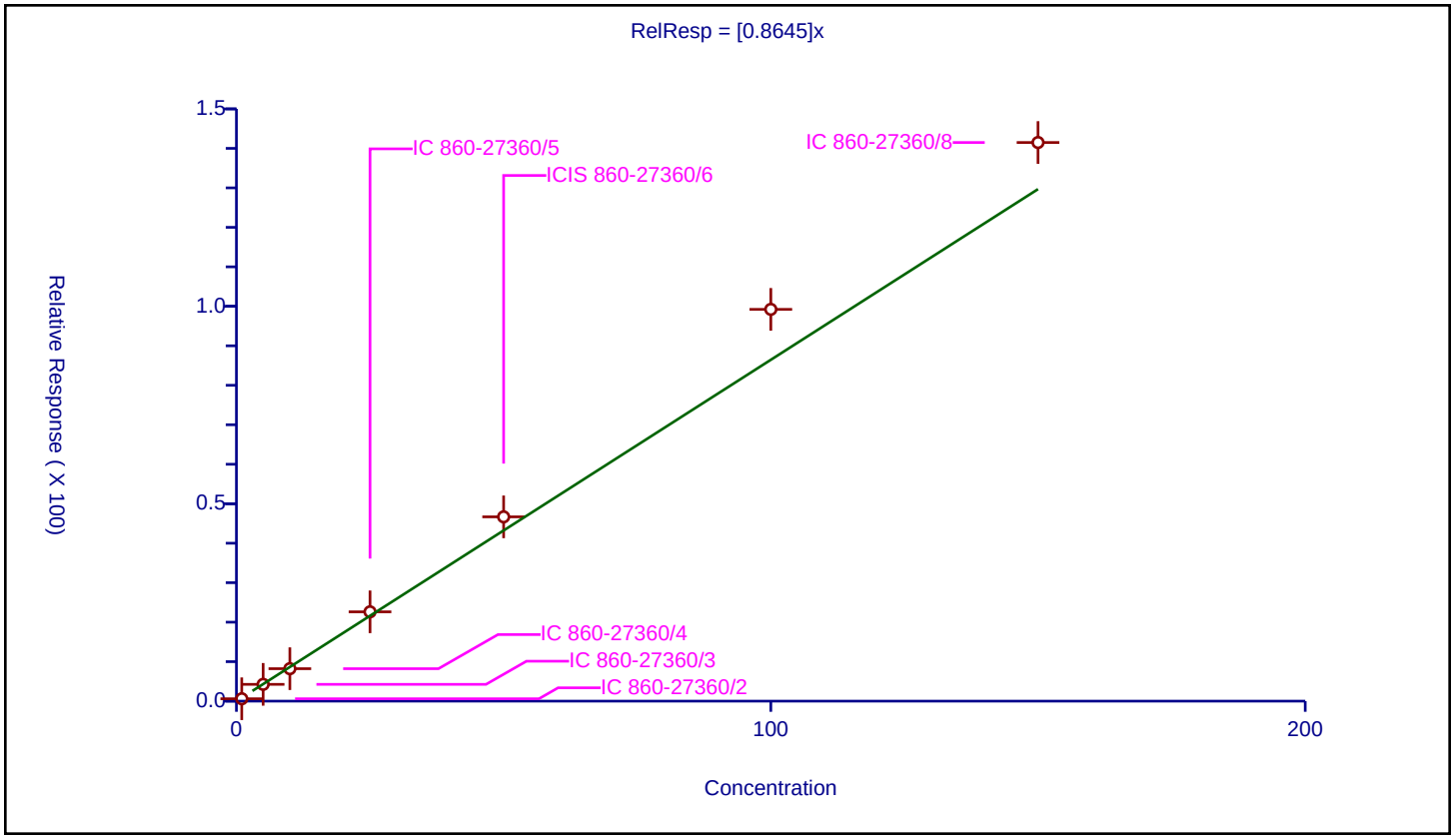
Curve Coefficients

Intercept:	0
Slope:	0.8645

Error Coefficients

Standard Error:	1070000
Relative Standard Error:	14.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	0.605274	50.0	725870.0	0.605274	Y
2	IC 860-27360/3	5.0	4.250477	50.0	723413.0	0.850095	Y
3	IC 860-27360/4	10.0	8.222591	50.0	726614.0	0.822259	Y
4	IC 860-27360/5	25.0	22.620135	50.0	717047.0	0.904805	Y
5	ICIS 860-27360/6	50.0	46.678876	50.0	723219.0	0.933578	Y
6	IC 860-27360/7	100.0	99.222149	50.0	719739.0	0.992221	Y
7	IC 860-27360/8	150.0	141.486408	50.0	726873.0	0.943243	Y



Calibration / 1,1,1,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

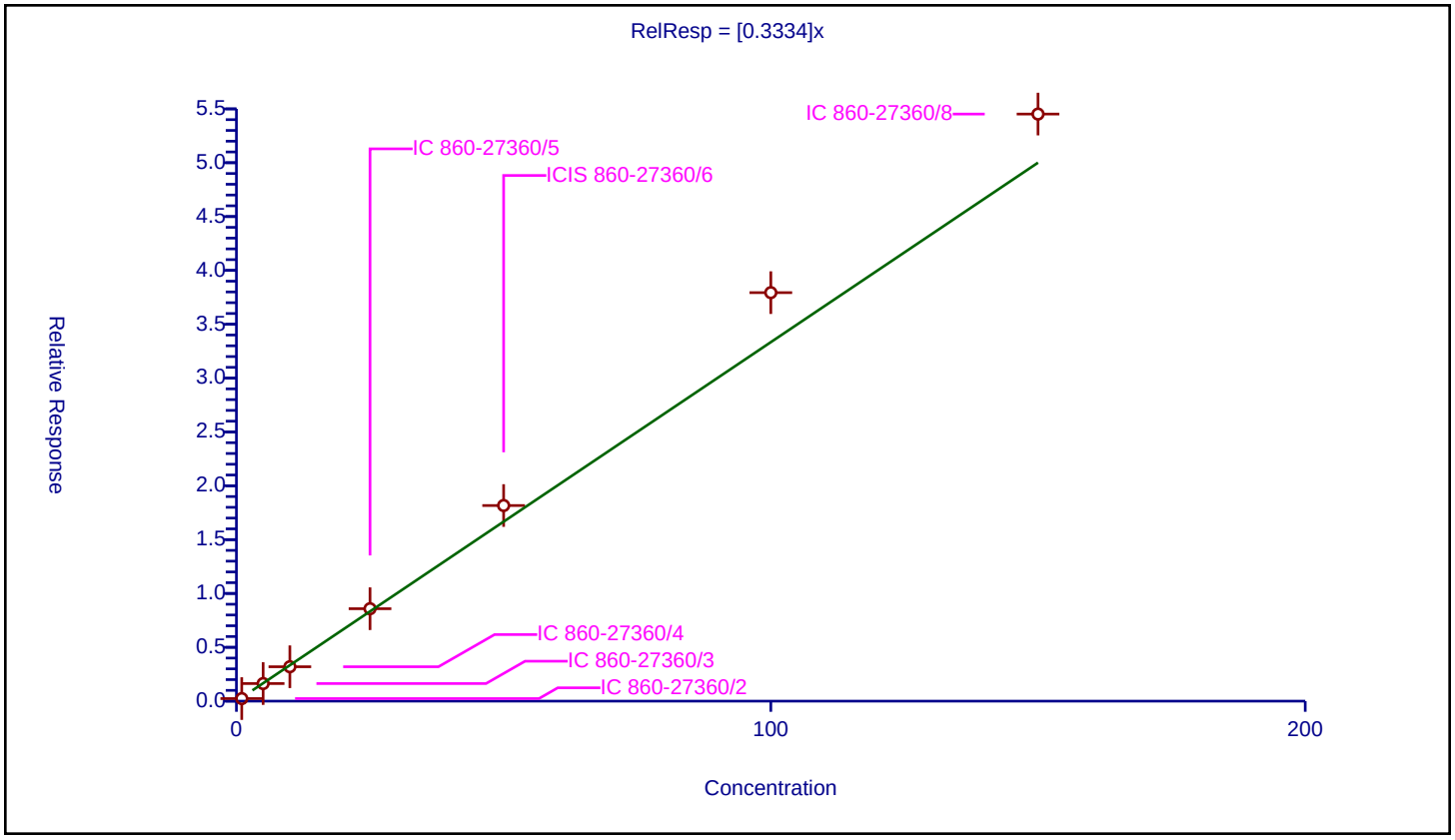
Curve Coefficients

Intercept:	0
Slope:	0.3334

Error Coefficients

Standard Error:	411000
Relative Standard Error:	14.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	0.237784	50.0	725870.0	0.237784	Y
2	IC 860-27360/3	5.0	1.633576	50.0	723413.0	0.326715	Y
3	IC 860-27360/4	10.0	3.194956	50.0	726614.0	0.319496	Y
4	IC 860-27360/5	25.0	8.584653	50.0	717047.0	0.343386	Y
5	ICIS 860-27360/6	50.0	18.166973	50.0	723219.0	0.363339	Y
6	IC 860-27360/7	100.0	37.937086	50.0	719739.0	0.379371	Y
7	IC 860-27360/8	150.0	54.521147	50.0	726873.0	0.363474	Y



Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

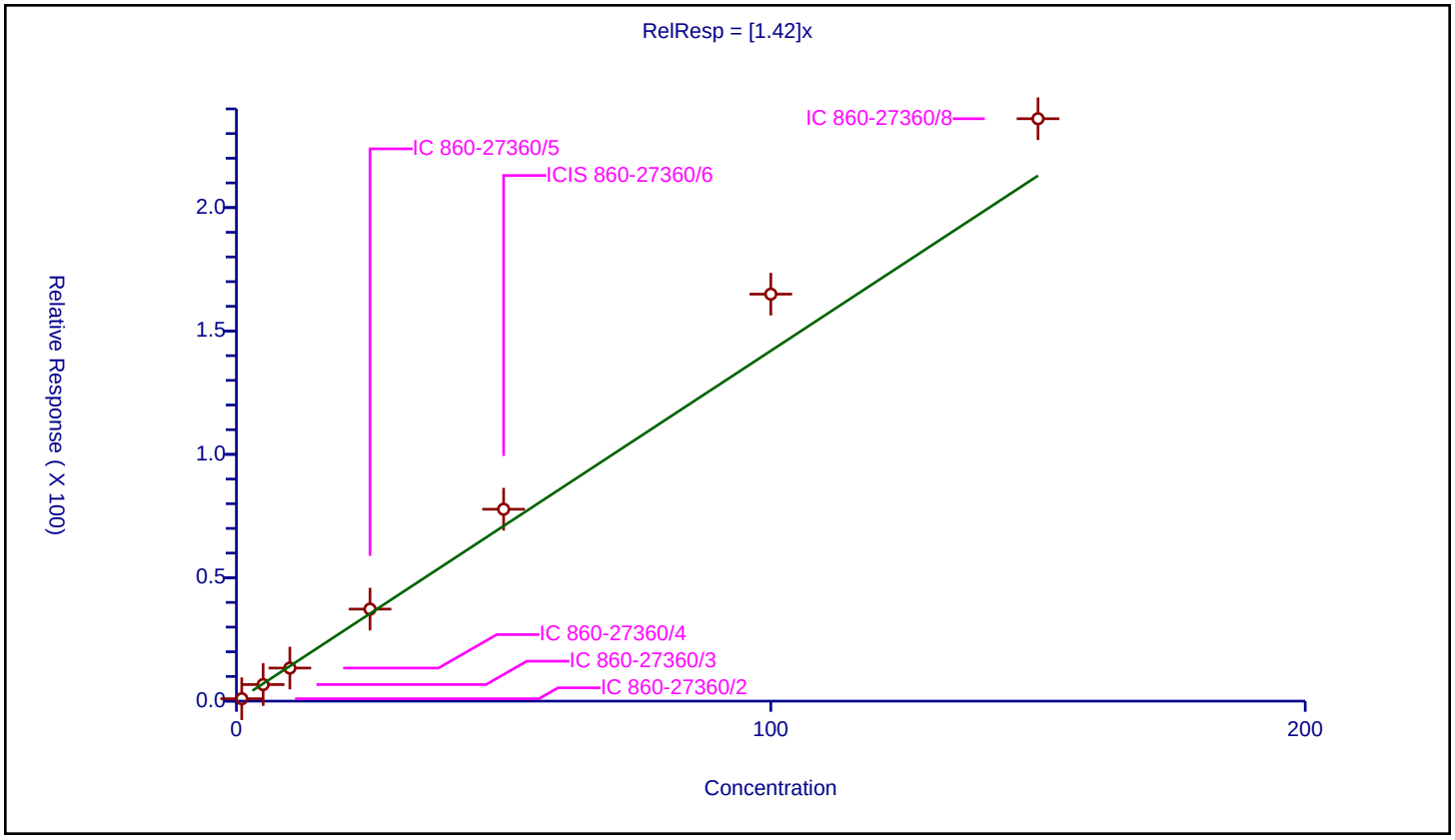
Curve Coefficients

Intercept:	0
Slope:	1.42

Error Coefficients

Standard Error:	1780000
Relative Standard Error:	15.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	0.981443	50.0	725870.0	0.981443	Y
2	IC 860-27360/3	5.0	6.7232	50.0	723413.0	1.34464	Y
3	IC 860-27360/4	10.0	13.415582	50.0	726614.0	1.341558	Y
4	IC 860-27360/5	25.0	37.290722	50.0	717047.0	1.491629	Y
5	ICIS 860-27360/6	50.0	77.767315	50.0	723219.0	1.555346	Y
6	IC 860-27360/7	100.0	164.931176	50.0	719739.0	1.649312	Y
7	IC 860-27360/8	150.0	236.01365	50.0	726873.0	1.573424	Y



Calibration / m-Xylene & p-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

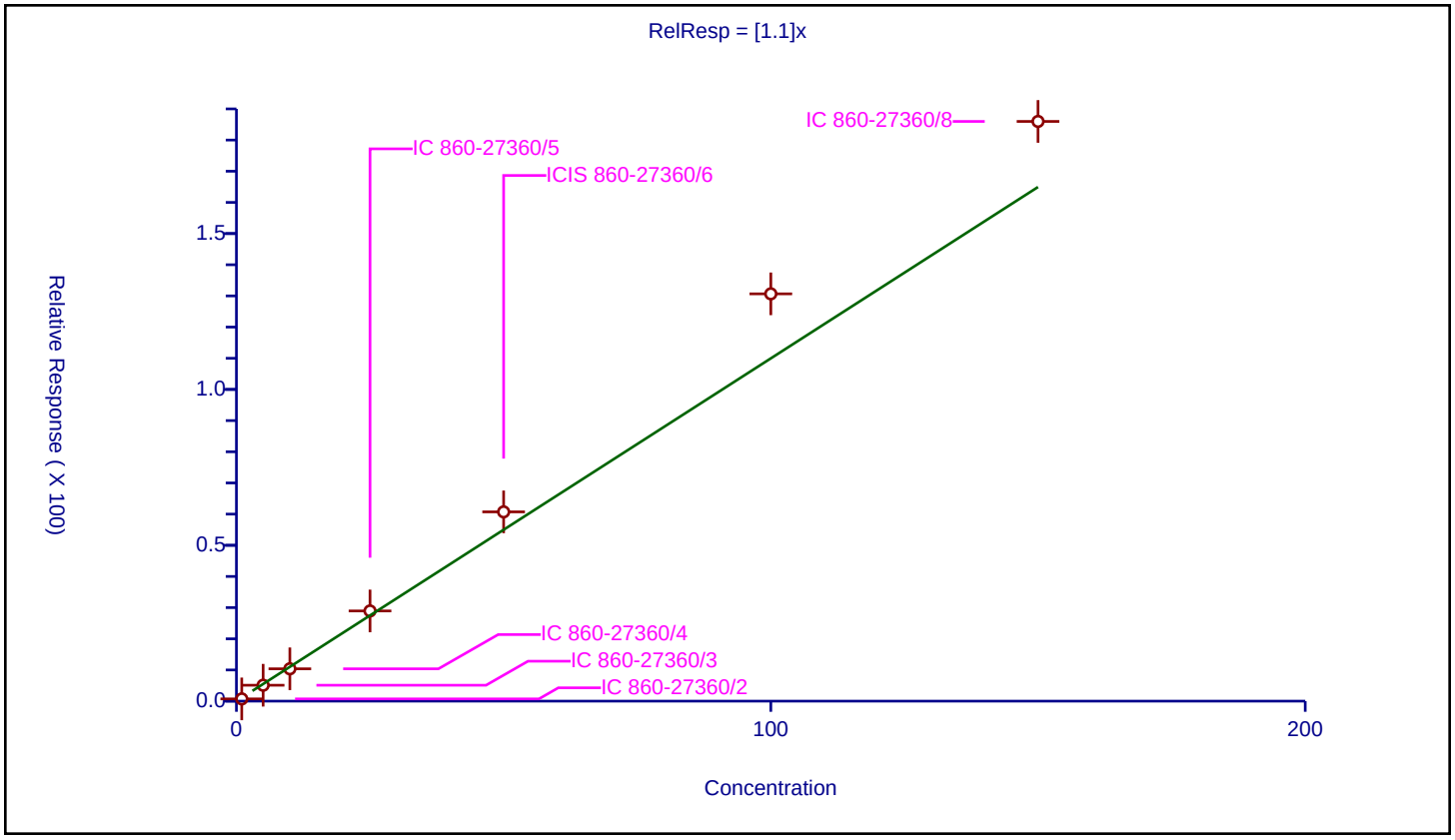
Curve Coefficients

Intercept:	0
Slope:	1.1

Error Coefficients

Standard Error:	1400000
Relative Standard Error:	17.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.969

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	0.720239	50.0	725870.0	0.720239	Y
2	IC 860-27360/3	5.0	5.104069	50.0	723413.0	1.020814	Y
3	IC 860-27360/4	10.0	10.376486	50.0	726614.0	1.037649	Y
4	IC 860-27360/5	25.0	28.936248	50.0	717047.0	1.15745	Y
5	ICIS 860-27360/6	50.0	60.717777	50.0	723219.0	1.214356	Y
6	IC 860-27360/7	100.0	130.669034	50.0	719739.0	1.30669	Y
7	IC 860-27360/8	150.0	185.976574	50.0	726873.0	1.239844	Y



Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

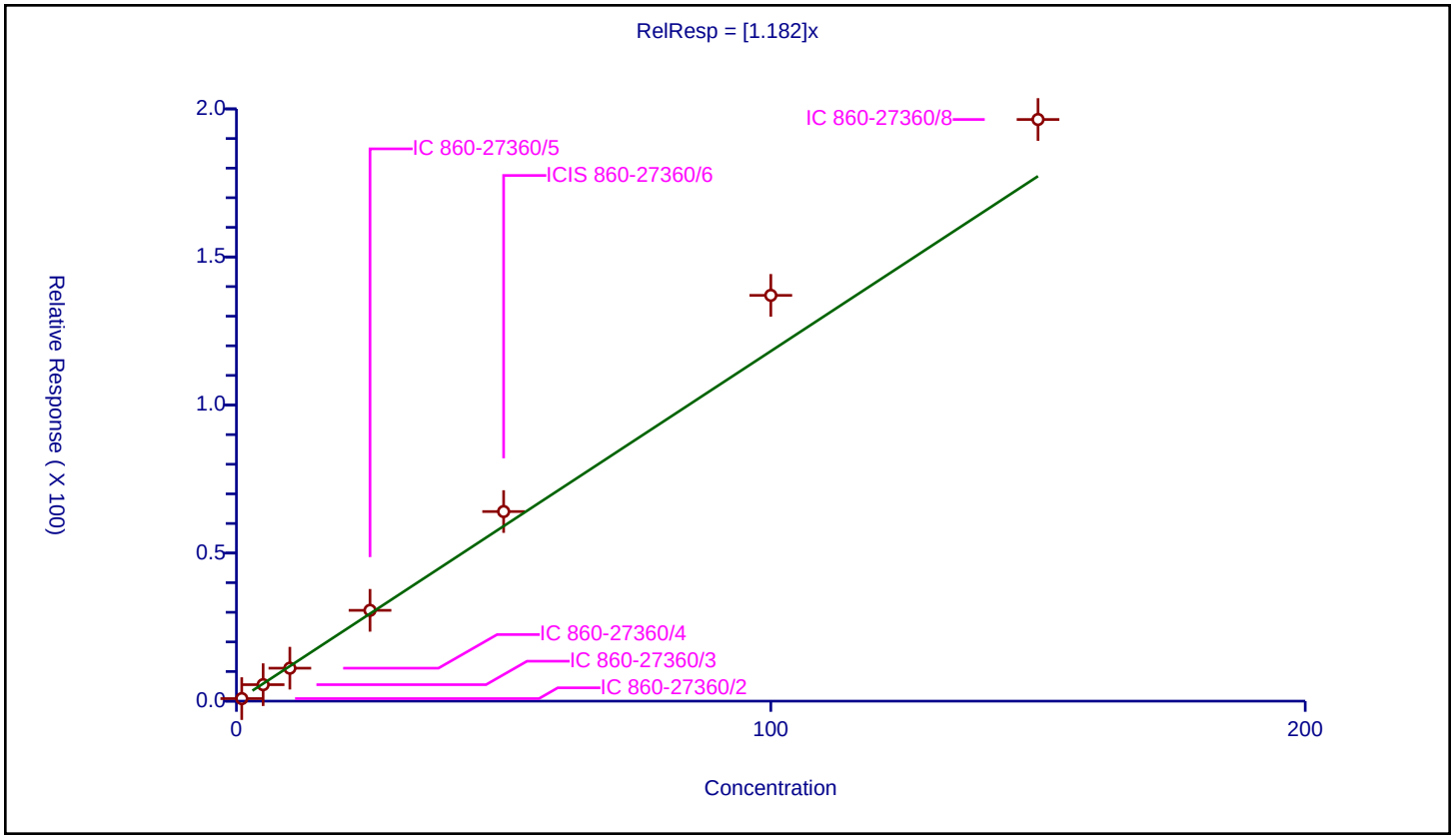
Curve Coefficients

Intercept:	0
Slope:	1.182

Error Coefficients

Standard Error:	1480000
Relative Standard Error:	14.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	0.861036	50.0	725870.0	0.861036	Y
2	IC 860-27360/3	5.0	5.560033	50.0	723413.0	1.112007	Y
3	IC 860-27360/4	10.0	11.130256	50.0	726614.0	1.113026	Y
4	IC 860-27360/5	25.0	30.667516	50.0	717047.0	1.226701	Y
5	ICIS 860-27360/6	50.0	64.028254	50.0	723219.0	1.280565	Y
6	IC 860-27360/7	100.0	137.033633	50.0	719739.0	1.370336	Y
7	IC 860-27360/8	150.0	196.419595	50.0	726873.0	1.309464	Y



Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

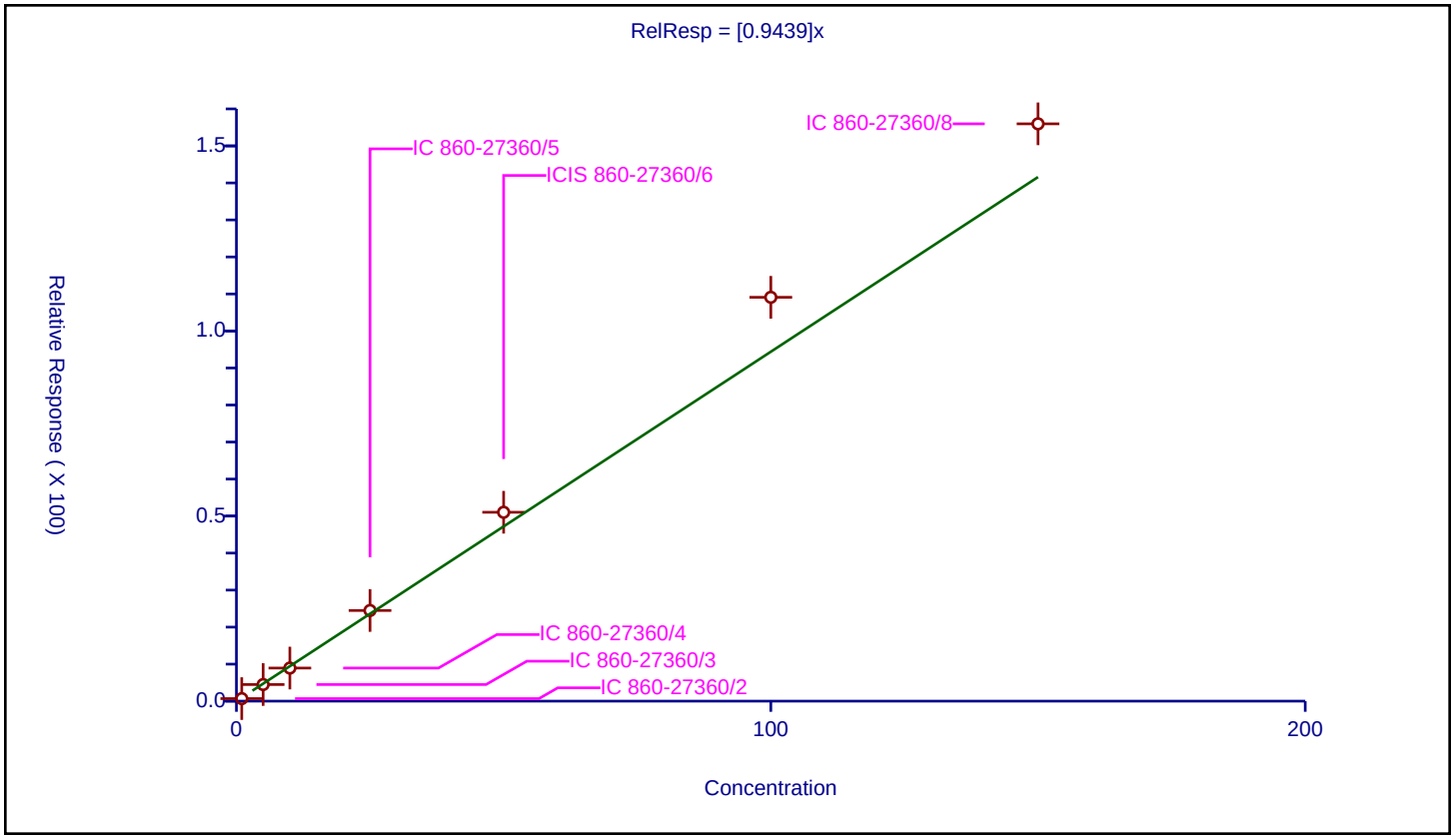
Curve Coefficients

Intercept:	0
Slope:	0.9439

Error Coefficients

Standard Error:	1180000
Relative Standard Error:	14.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	0.684627	50.0	725870.0	0.684627	Y
2	IC 860-27360/3	5.0	4.487202	50.0	723413.0	0.89744	Y
3	IC 860-27360/4	10.0	8.94285	50.0	726614.0	0.894285	Y
4	IC 860-27360/5	25.0	24.492467	50.0	717047.0	0.979699	Y
5	ICIS 860-27360/6	50.0	51.028665	50.0	723219.0	1.020573	Y
6	IC 860-27360/7	100.0	109.098507	50.0	719739.0	1.090985	Y
7	IC 860-27360/8	150.0	155.961633	50.0	726873.0	1.039744	Y



Calibration / Bromoform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

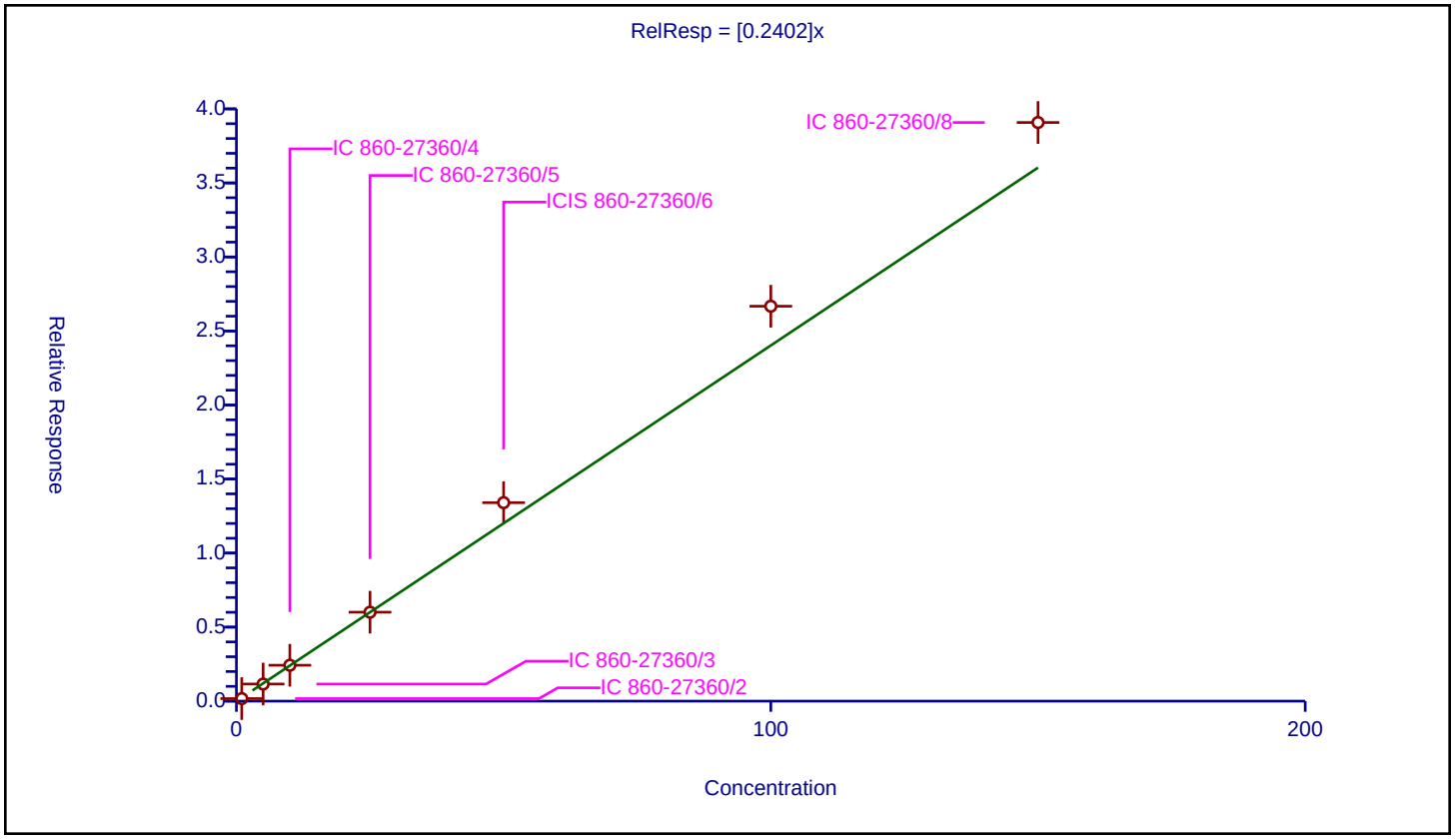
Curve Coefficients

Intercept:	0
Slope:	0.2402

Error Coefficients

Standard Error:	293000
Relative Standard Error:	13.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	0.172414	50.0	725870.0	0.172414	Y
2	IC 860-27360/3	5.0	1.155357	50.0	723413.0	0.231071	Y
3	IC 860-27360/4	10.0	2.423914	50.0	726614.0	0.242391	Y
4	IC 860-27360/5	25.0	6.007835	50.0	717047.0	0.240313	Y
5	ICIS 860-27360/6	50.0	13.406174	50.0	723219.0	0.268123	Y
6	IC 860-27360/7	100.0	26.671821	50.0	719739.0	0.266718	Y
7	IC 860-27360/8	150.0	39.080004	50.0	726873.0	0.260533	Y



Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

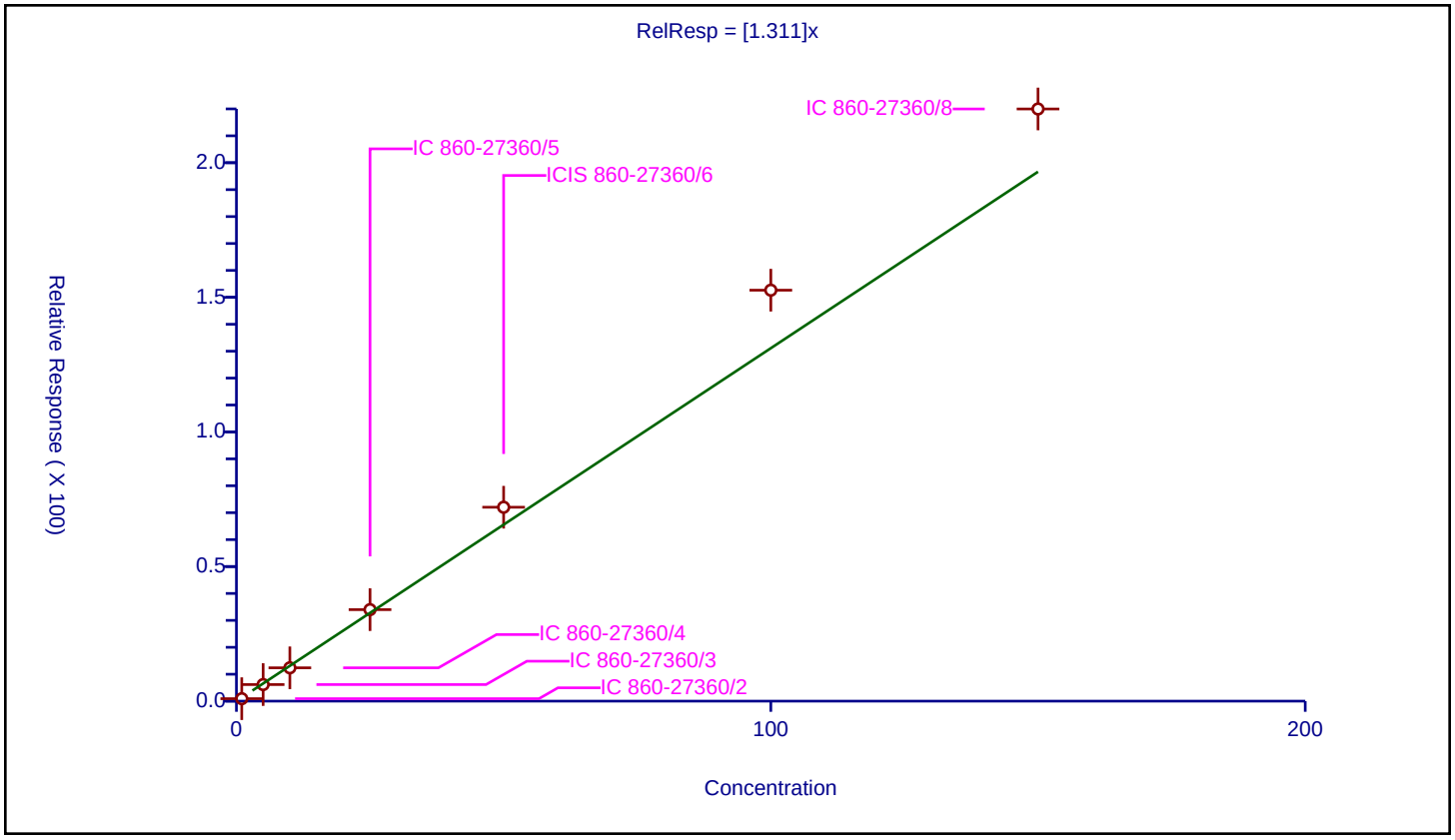
Curve Coefficients

Intercept:	0
Slope:	1.311

Error Coefficients

Standard Error:	1650000
Relative Standard Error:	15.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	0.91442	50.0	725870.0	0.91442	Y
2	IC 860-27360/3	5.0	6.156787	50.0	723413.0	1.231357	Y
3	IC 860-27360/4	10.0	12.381471	50.0	726614.0	1.238147	Y
4	IC 860-27360/5	25.0	33.990659	50.0	717047.0	1.359626	Y
5	ICIS 860-27360/6	50.0	72.029911	50.0	723219.0	1.440598	Y
6	IC 860-27360/7	100.0	152.653531	50.0	719739.0	1.526535	Y
7	IC 860-27360/8	150.0	219.97027	50.0	726873.0	1.466468	Y



Calibration / Cyclohexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

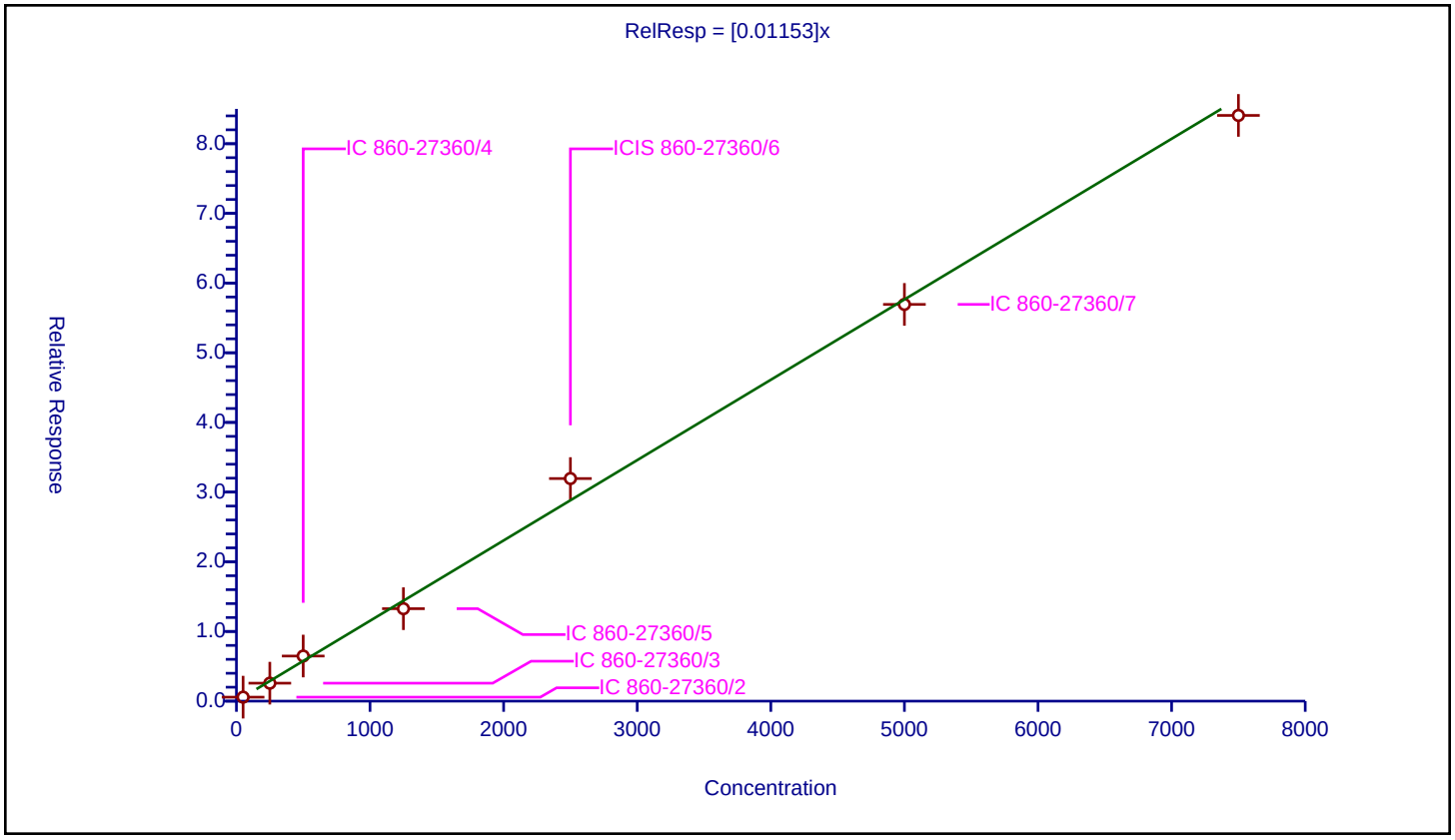
Curve Coefficients

Intercept:	0
Slope:	0.01153

Error Coefficients

Standard Error:	636000
Relative Standard Error:	8.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	50.0	0.572968	50.0	725870.0	0.011459	Y
2	IC 860-27360/3	250.0	2.576675	50.0	723413.0	0.010307	Y
3	IC 860-27360/4	500.0	6.475034	50.0	726614.0	0.01295	Y
4	IC 860-27360/5	1250.0	13.269423	50.0	717047.0	0.010616	Y
5	ICIS 860-27360/6	2500.0	31.948621	50.0	723219.0	0.012779	Y
6	IC 860-27360/7	5000.0	56.940155	50.0	719739.0	0.011388	Y
7	IC 860-27360/8	7500.0	84.062622	50.0	726873.0	0.011208	Y



Calibration / 4-Bromofluorobenzene (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

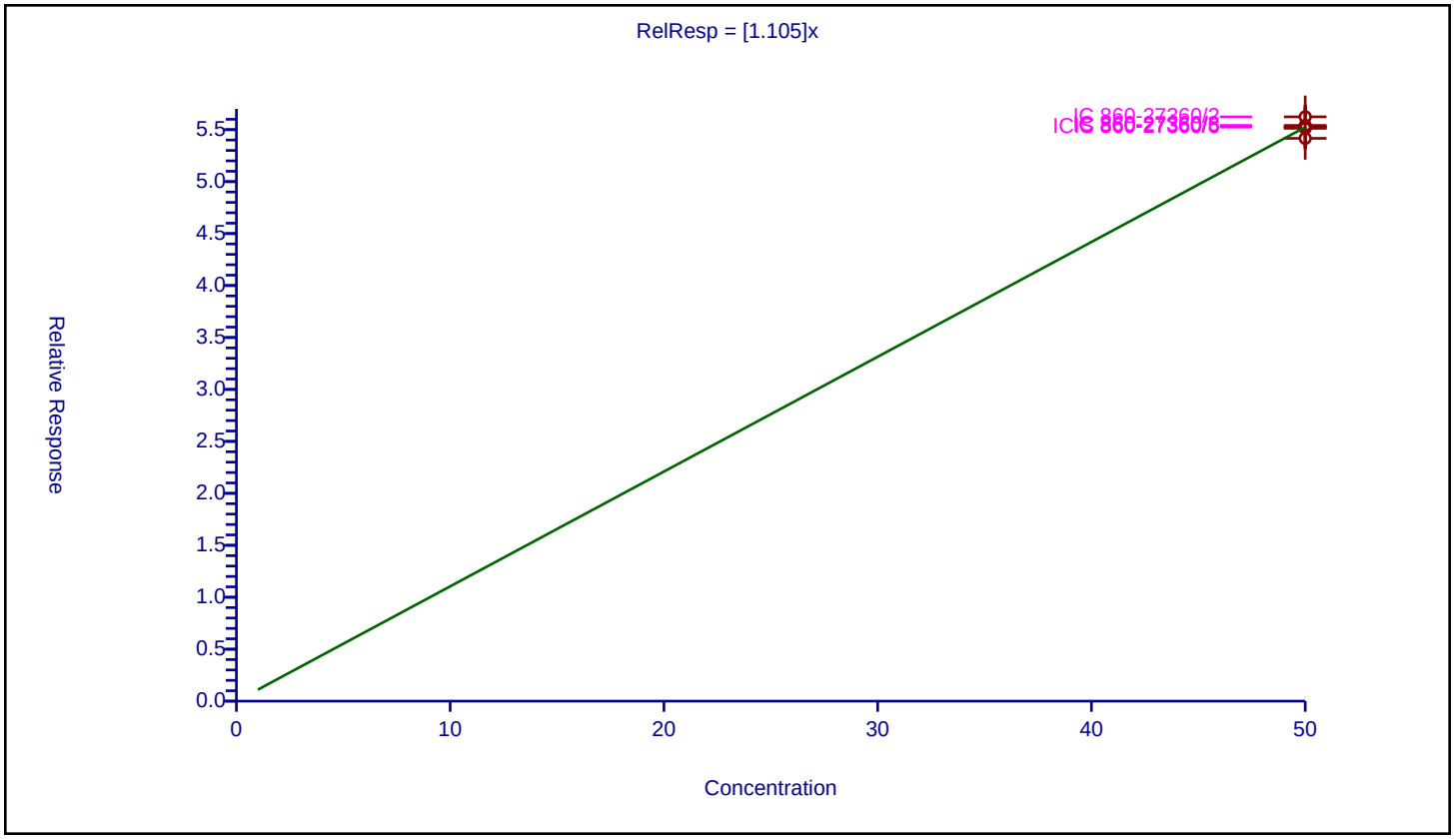
Curve Coefficients

Intercept:	0
Slope:	1.105

Error Coefficients

Standard Error:	408000
Relative Standard Error:	1.1
Correlation Coefficient:	0.00000000000000000000
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	50.0	56.232793	50.0	335973.0	1.124656	Y
2	IC 860-27360/3	50.0	55.406732	50.0	338282.0	1.108135	Y
3	IC 860-27360/4	50.0	55.169423	50.0	342485.0	1.103388	Y
4	IC 860-27360/5	50.0	55.311956	50.0	339583.0	1.106239	Y
5	ICIS 860-27360/6	50.0	55.248141	50.0	343131.0	1.104963	Y
6	IC 860-27360/7	50.0	54.164308	50.0	349734.0	1.083286	Y
7	IC 860-27360/8	50.0	55.140633	50.0	342166.0	1.102813	Y



Calibration / 1,1,2,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

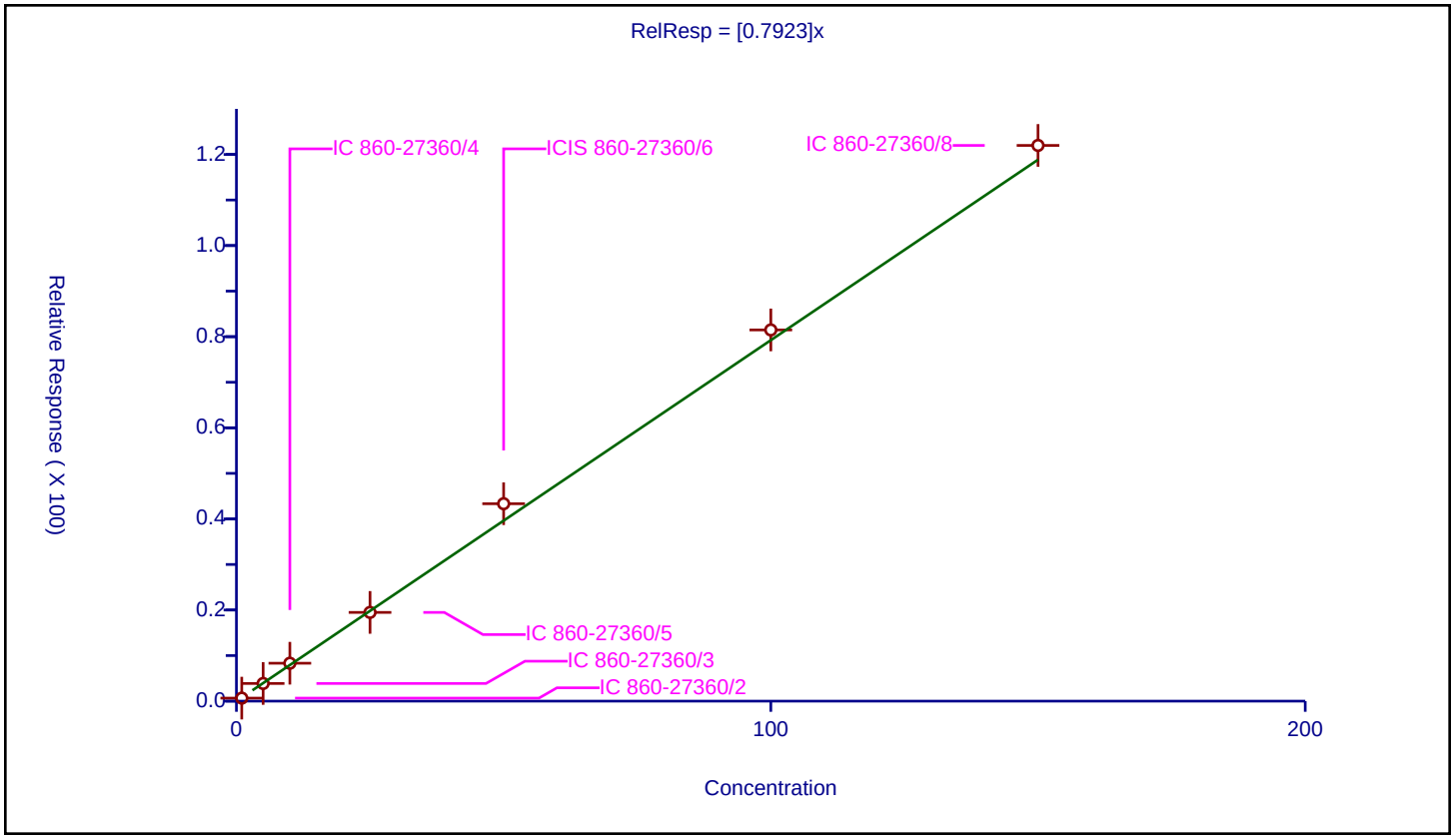
Curve Coefficients

Intercept:	0
Slope:	0.7923

Error Coefficients

Standard Error:	434000
Relative Standard Error:	8.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	0.664339	50.0	335973.0	0.664339	Y
2	IC 860-27360/3	5.0	3.877682	50.0	338282.0	0.775536	Y
3	IC 860-27360/4	10.0	8.322116	50.0	342485.0	0.832212	Y
4	IC 860-27360/5	25.0	19.479038	50.0	339583.0	0.779162	Y
5	ICIS 860-27360/6	50.0	43.336364	50.0	343131.0	0.866727	Y
6	IC 860-27360/7	100.0	81.483642	50.0	349734.0	0.814836	Y
7	IC 860-27360/8	150.0	121.980413	50.0	342166.0	0.813203	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

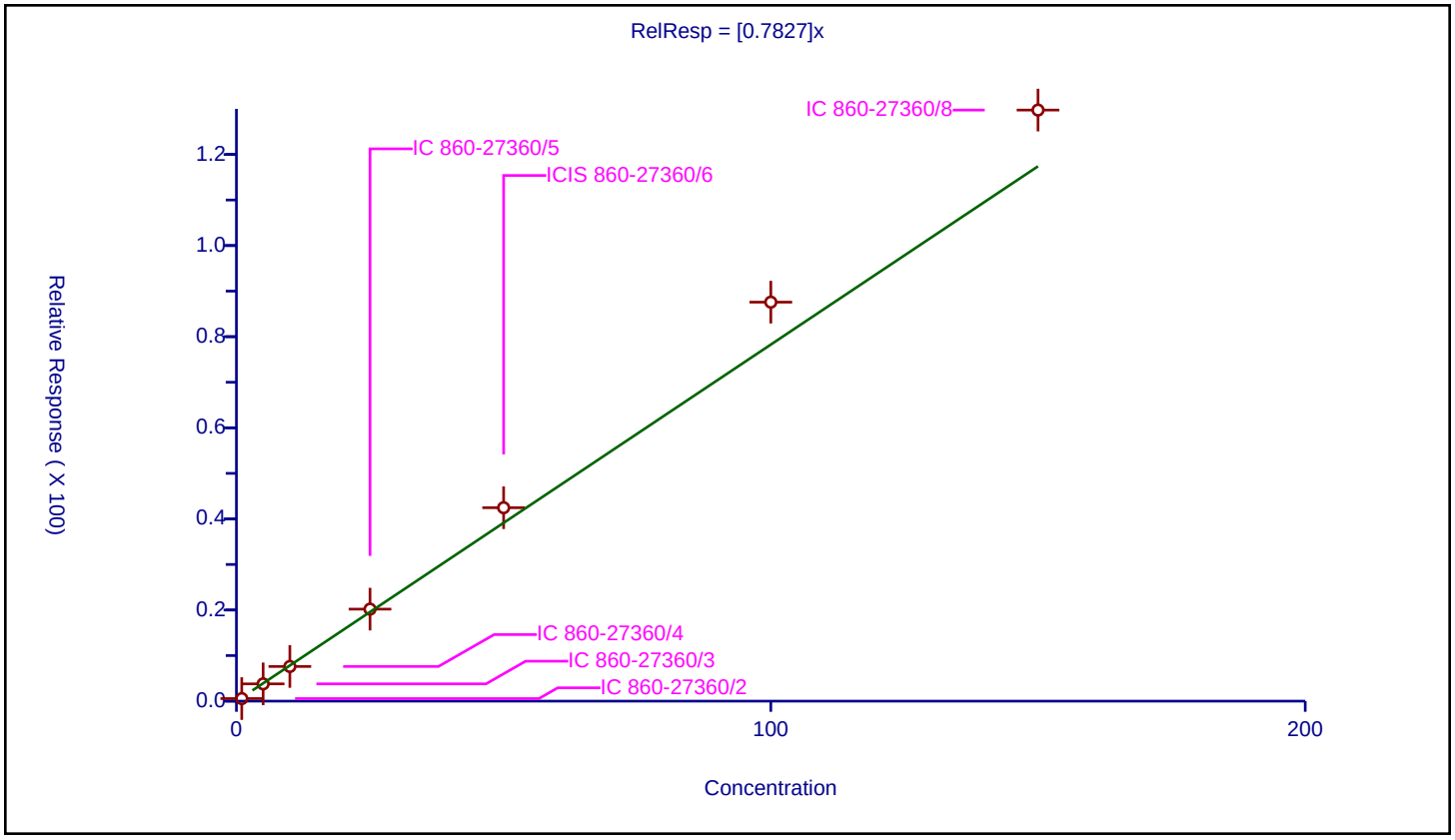
Curve Coefficients

Intercept:	0
Slope:	0.7827

Error Coefficients

Standard Error:	460000
Relative Standard Error:	13.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	0.562545	50.0	335973.0	0.562545	Y
2	IC 860-27360/3	5.0	3.78959	50.0	338282.0	0.757918	Y
3	IC 860-27360/4	10.0	7.606027	50.0	342485.0	0.760603	Y
4	IC 860-27360/5	25.0	20.194768	50.0	339583.0	0.807791	Y
5	ICIS 860-27360/6	50.0	42.456671	50.0	343131.0	0.849133	Y
6	IC 860-27360/7	100.0	87.579275	50.0	349734.0	0.875793	Y
7	IC 860-27360/8	150.0	129.742289	50.0	342166.0	0.864949	Y



Calibration / 1,2,3-Trichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

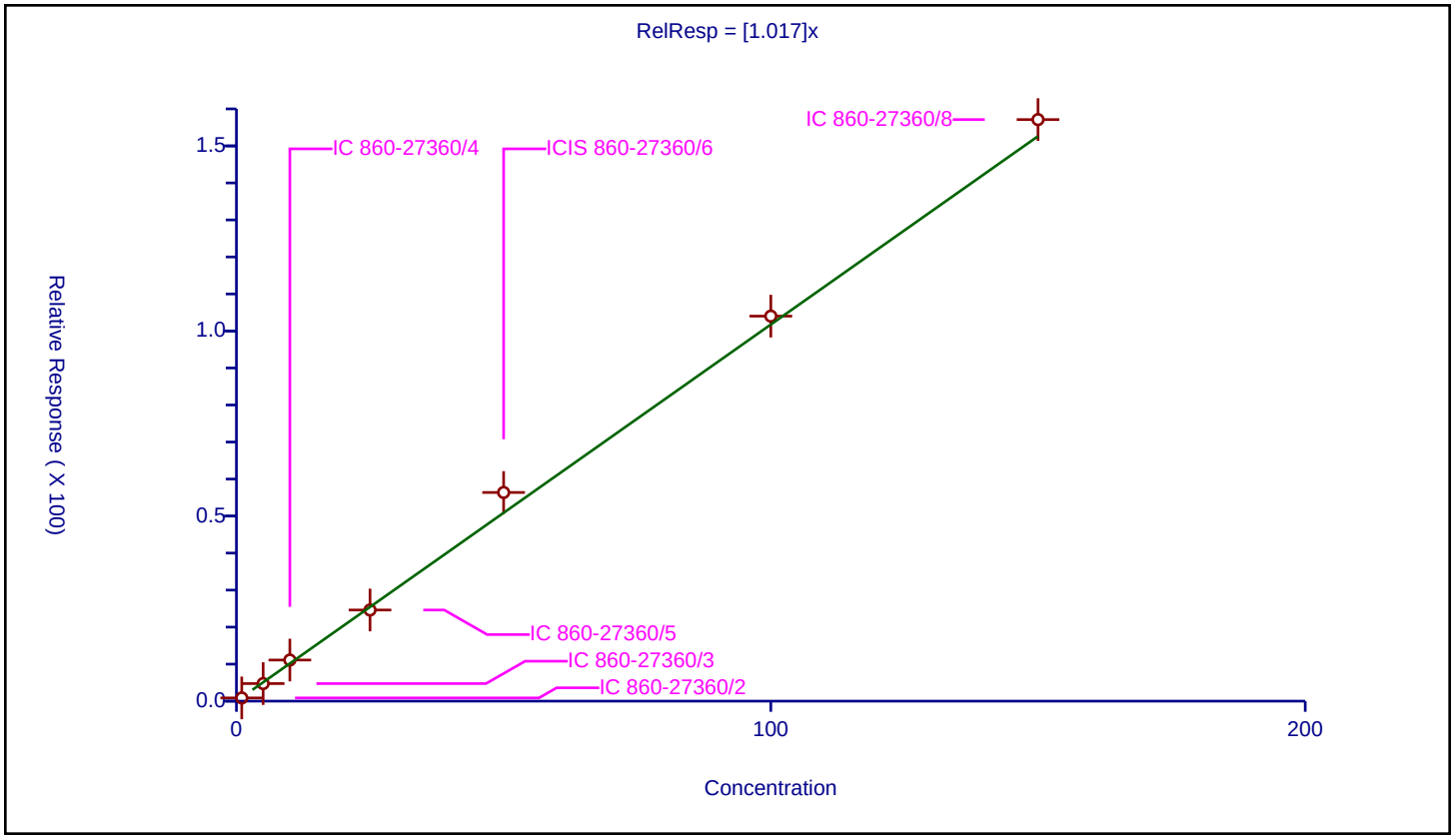
Curve Coefficients

Intercept:	0
Slope:	1.017

Error Coefficients

Standard Error:	558000
Relative Standard Error:	9.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	0.863462	50.0	335973.0	0.863462	Y
2	IC 860-27360/3	5.0	4.742493	50.0	338282.0	0.948499	Y
3	IC 860-27360/4	10.0	11.10472	50.0	342485.0	1.110472	Y
4	IC 860-27360/5	25.0	24.621227	50.0	339583.0	0.984849	Y
5	ICIS 860-27360/6	50.0	56.370308	50.0	343131.0	1.127406	Y
6	IC 860-27360/7	100.0	104.014766	50.0	349734.0	1.040148	Y
7	IC 860-27360/8	150.0	157.1062	50.0	342166.0	1.047375	Y



Calibration / trans-1,4-Dichloro-2-butene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

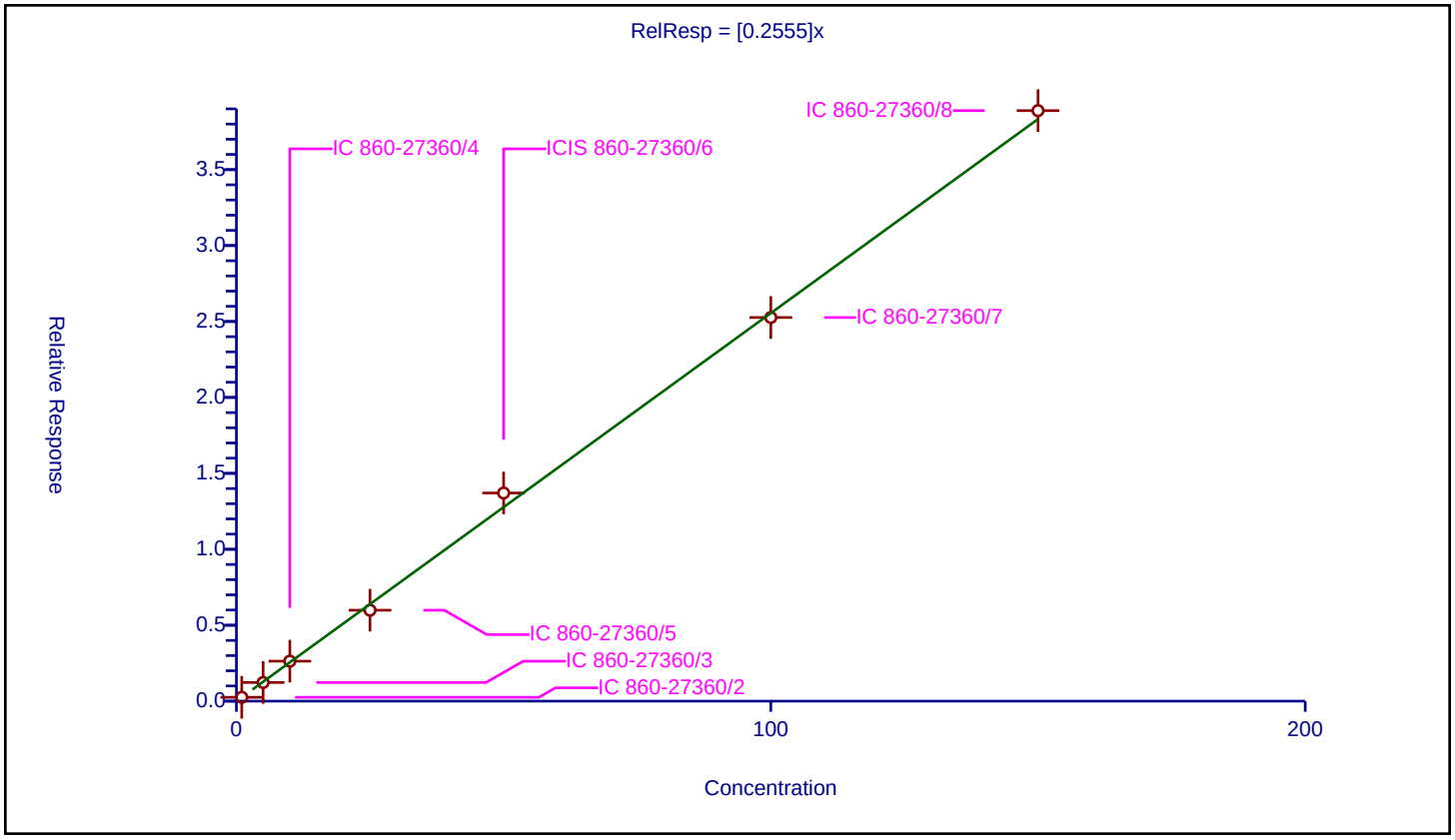
Curve Coefficients

Intercept:	0
Slope:	0.2555

Error Coefficients

Standard Error:	137000
Relative Standard Error:	4.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	0.254038	50.0	335973.0	0.254038	Y
2	IC 860-27360/3	5.0	1.228413	50.0	338282.0	0.245683	Y
3	IC 860-27360/4	10.0	2.632962	50.0	342485.0	0.263296	Y
4	IC 860-27360/5	25.0	5.988963	50.0	339583.0	0.239559	Y
5	ICIS 860-27360/6	50.0	13.70599	50.0	343131.0	0.27412	Y
6	IC 860-27360/7	100.0	25.263629	50.0	349734.0	0.252636	Y
7	IC 860-27360/8	150.0	38.883466	50.0	342166.0	0.259223	Y



Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

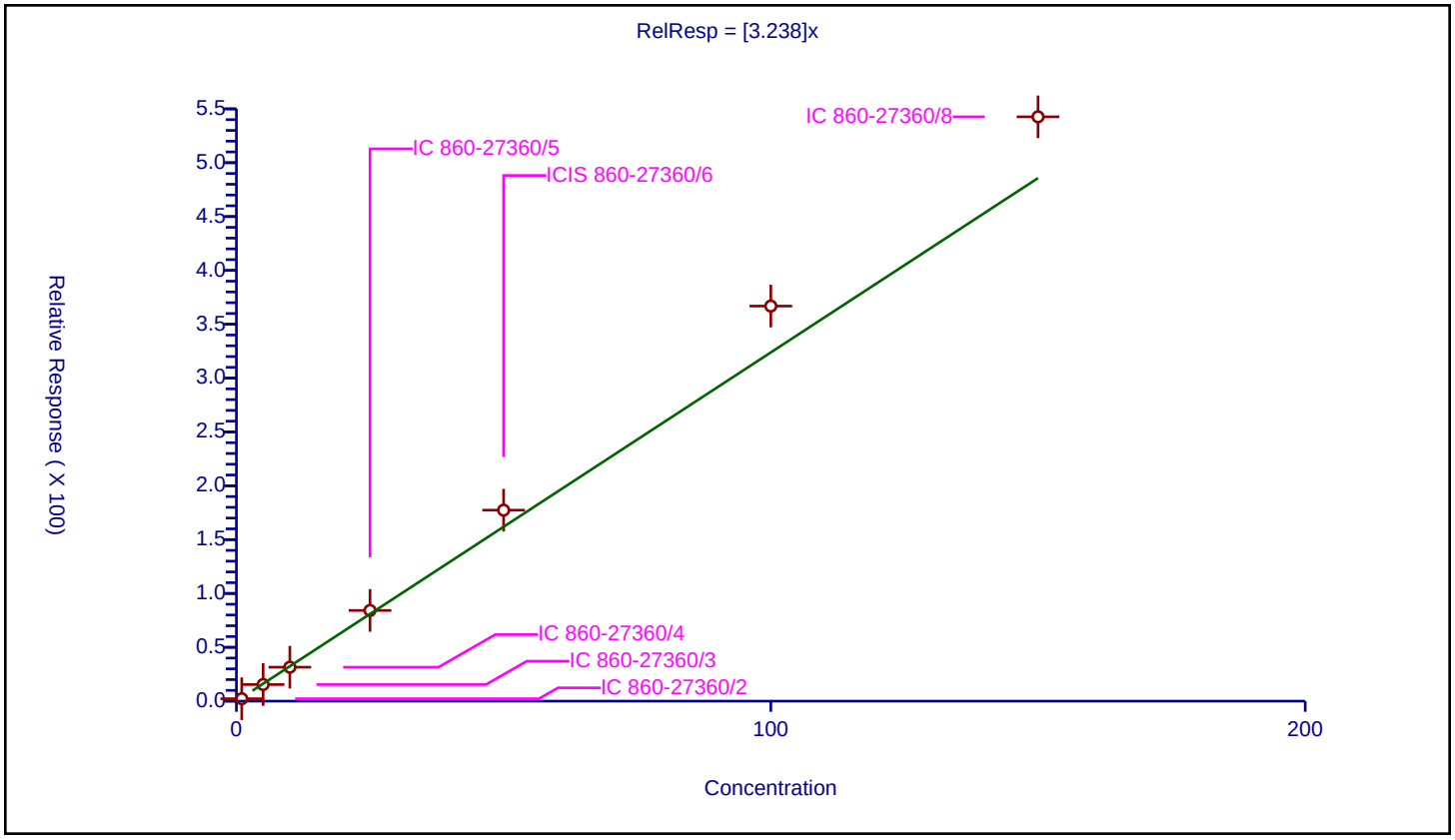
Curve Coefficients

Intercept:	0
Slope:	3.238

Error Coefficients

Standard Error:	1930000
Relative Standard Error:	15.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	2.227709	50.0	335973.0	2.227709	Y
2	IC 860-27360/3	5.0	15.422931	50.0	338282.0	3.084586	Y
3	IC 860-27360/4	10.0	31.530432	50.0	342485.0	3.153043	Y
4	IC 860-27360/5	25.0	84.230659	50.0	339583.0	3.369226	Y
5	ICIS 860-27360/6	50.0	177.354567	50.0	343131.0	3.547091	Y
6	IC 860-27360/7	100.0	366.891552	50.0	349734.0	3.668916	Y
7	IC 860-27360/8	150.0	542.624632	50.0	342166.0	3.617498	Y



Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

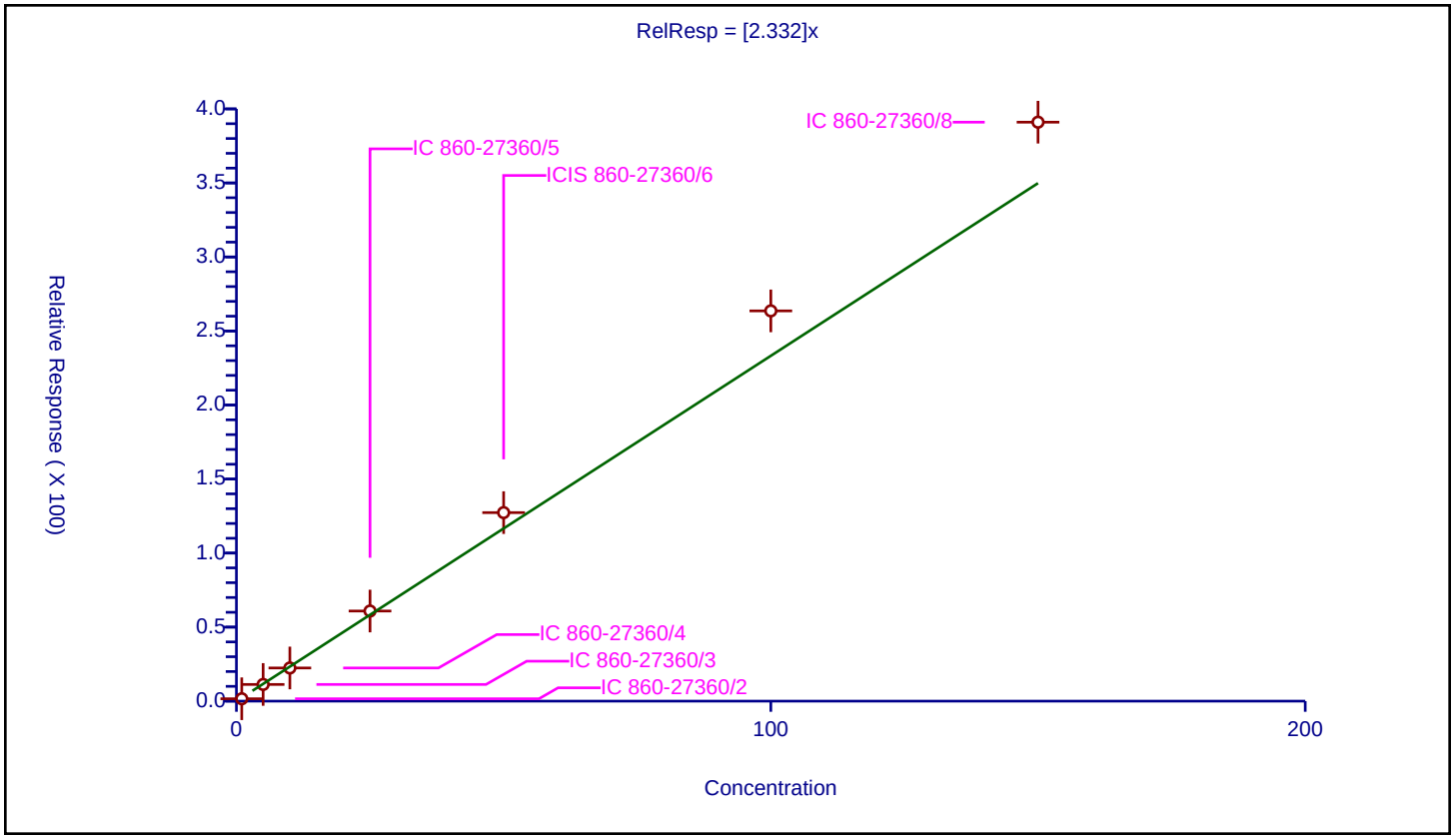
Curve Coefficients

Intercept:	0
Slope:	2.332

Error Coefficients

Standard Error:	1390000
Relative Standard Error:	15.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	1.608463	50.0	335973.0	1.608463	Y
2	IC 860-27360/3	5.0	11.264271	50.0	338282.0	2.252854	Y
3	IC 860-27360/4	10.0	22.405361	50.0	342485.0	2.240536	Y
4	IC 860-27360/5	25.0	60.858465	50.0	339583.0	2.434339	Y
5	ICIS 860-27360/6	50.0	127.339267	50.0	343131.0	2.546785	Y
6	IC 860-27360/7	100.0	263.582466	50.0	349734.0	2.635825	Y
7	IC 860-27360/8	150.0	391.026578	50.0	342166.0	2.606844	Y



Calibration / 4-Ethyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

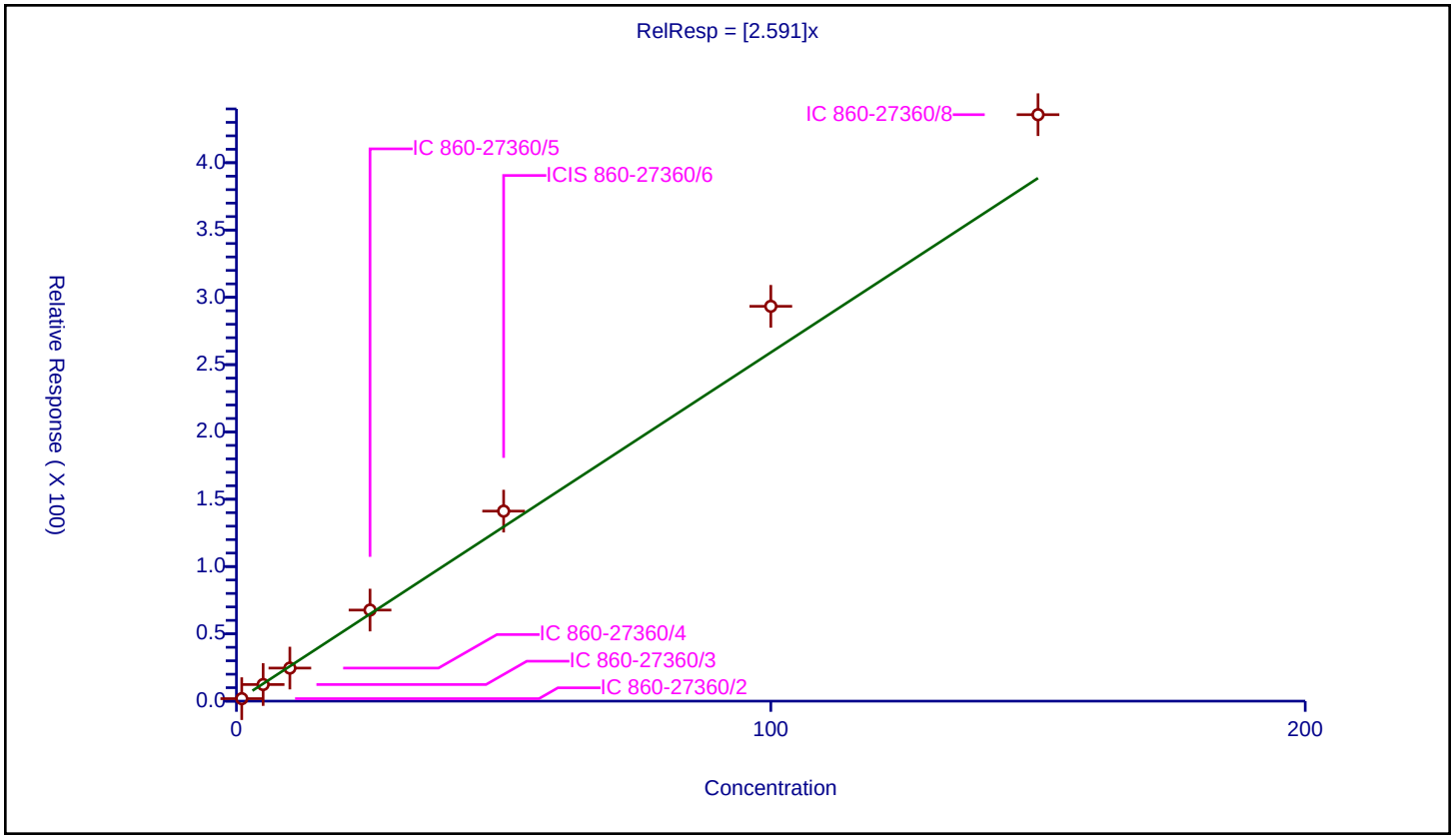
Curve Coefficients

Intercept:	0
Slope:	2.591

Error Coefficients

Standard Error:	1540000
Relative Standard Error:	14.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	1.84241	50.0	335973.0	1.84241	Y
2	IC 860-27360/3	5.0	12.336896	50.0	338282.0	2.467379	Y
3	IC 860-27360/4	10.0	24.563558	50.0	342485.0	2.456356	Y
4	IC 860-27360/5	25.0	67.661662	50.0	339583.0	2.706466	Y
5	ICIS 860-27360/6	50.0	141.180919	50.0	343131.0	2.823618	Y
6	IC 860-27360/7	100.0	293.339366	50.0	349734.0	2.933394	Y
7	IC 860-27360/8	150.0	435.698316	50.0	342166.0	2.904655	Y



Calibration / 1,3,5-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

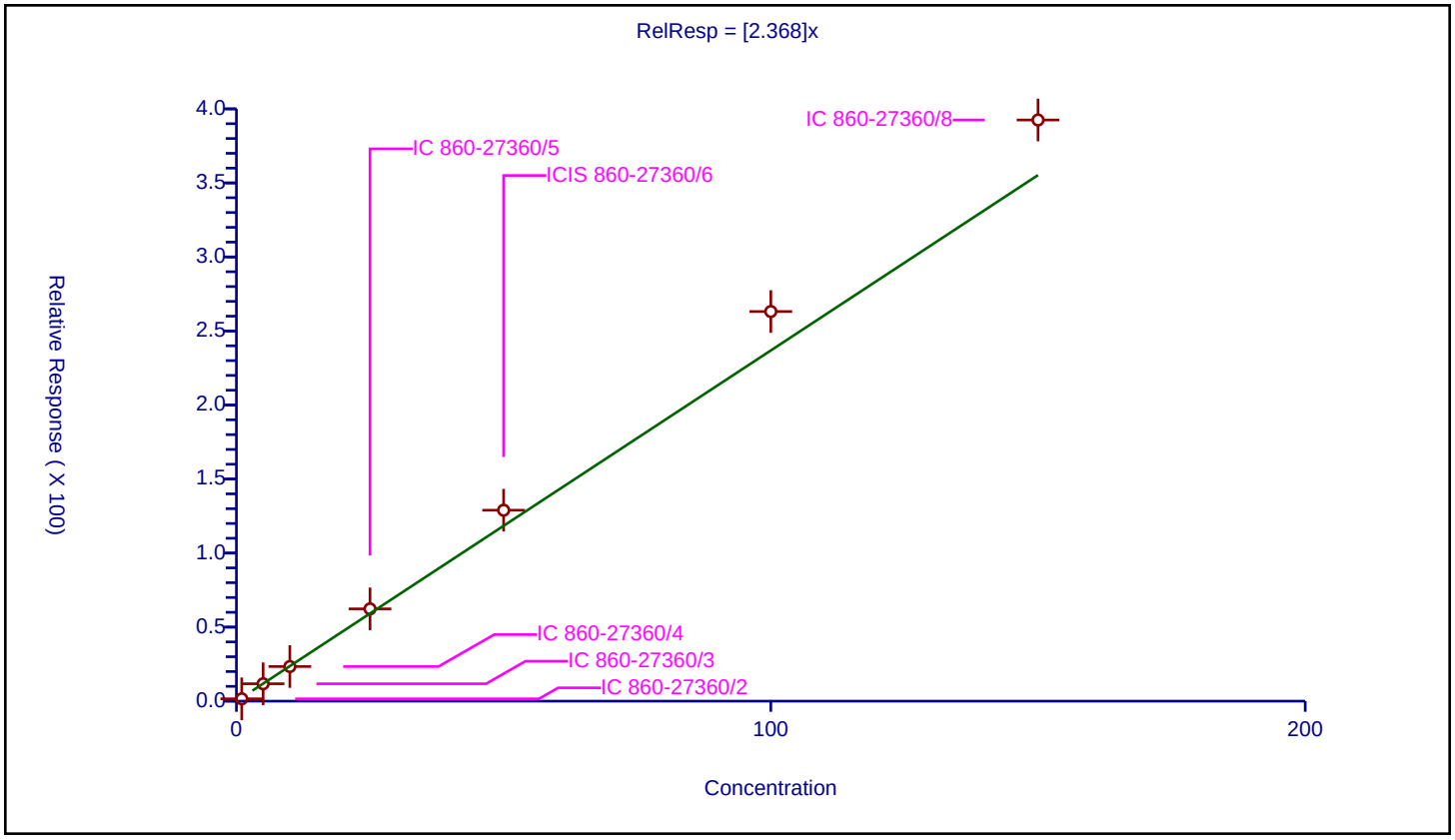
Curve Coefficients

Intercept:	0
Slope:	2.368

Error Coefficients

Standard Error:	1390000
Relative Standard Error:	15.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	1.574978	50.0	335973.0	1.574978	Y
2	IC 860-27360/3	5.0	11.729711	50.0	338282.0	2.345942	Y
3	IC 860-27360/4	10.0	23.37752	50.0	342485.0	2.337752	Y
4	IC 860-27360/5	25.0	62.320994	50.0	339583.0	2.49284	Y
5	ICIS 860-27360/6	50.0	128.955122	50.0	343131.0	2.579102	Y
6	IC 860-27360/7	100.0	263.140844	50.0	349734.0	2.631408	Y
7	IC 860-27360/8	150.0	392.500716	50.0	342166.0	2.616671	Y



Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

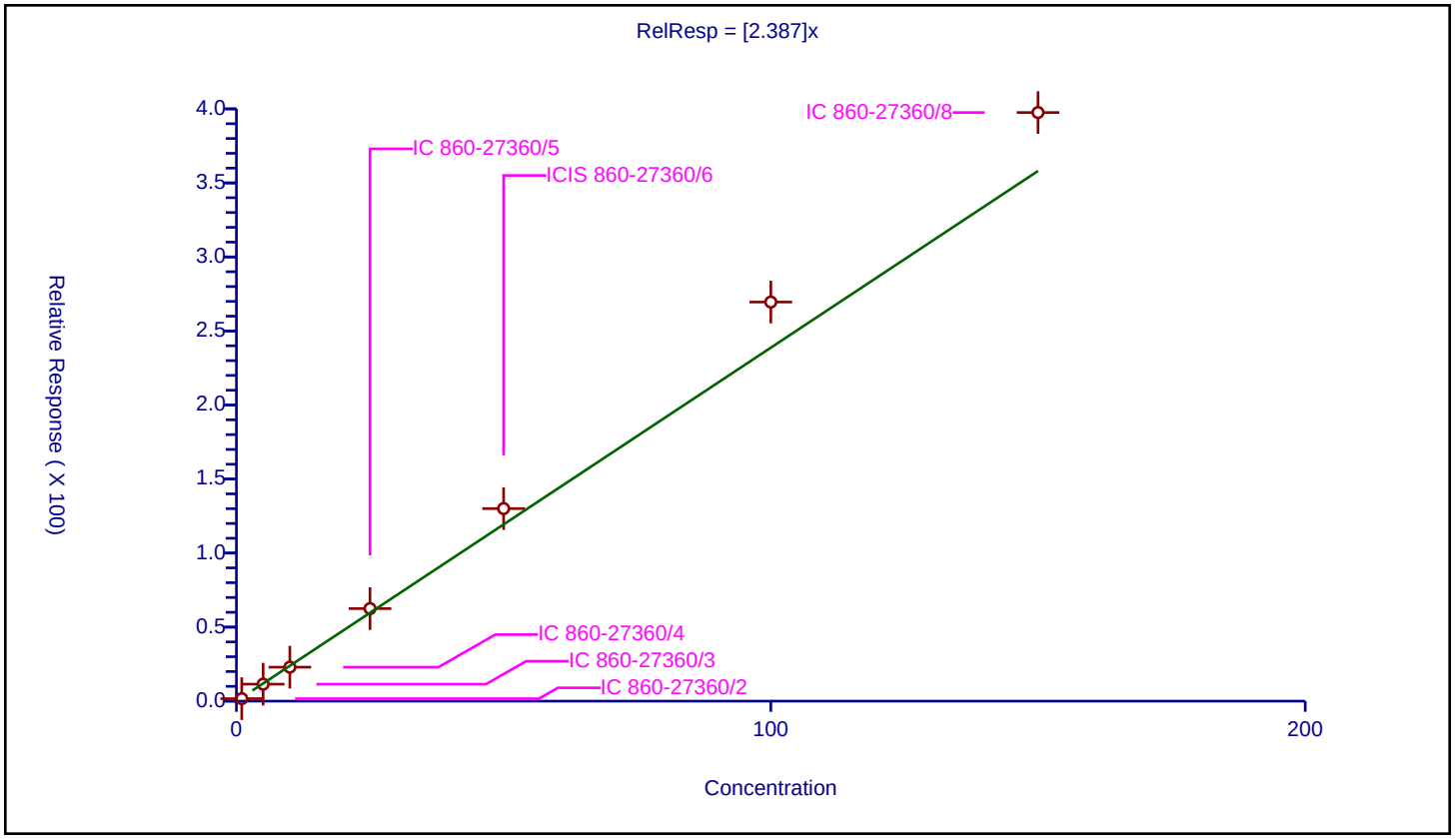
Curve Coefficients

Intercept:	0
Slope:	2.387

Error Coefficients

Standard Error:	1410000
Relative Standard Error:	14.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	1.673795	50.0	335973.0	1.673795	Y
2	IC 860-27360/3	5.0	11.472529	50.0	338282.0	2.294506	Y
3	IC 860-27360/4	10.0	22.94699	50.0	342485.0	2.294699	Y
4	IC 860-27360/5	25.0	62.517264	50.0	339583.0	2.500691	Y
5	ICIS 860-27360/6	50.0	130.039548	50.0	343131.0	2.600791	Y
6	IC 860-27360/7	100.0	269.540994	50.0	349734.0	2.69541	Y
7	IC 860-27360/8	150.0	397.537453	50.0	342166.0	2.65025	Y



Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

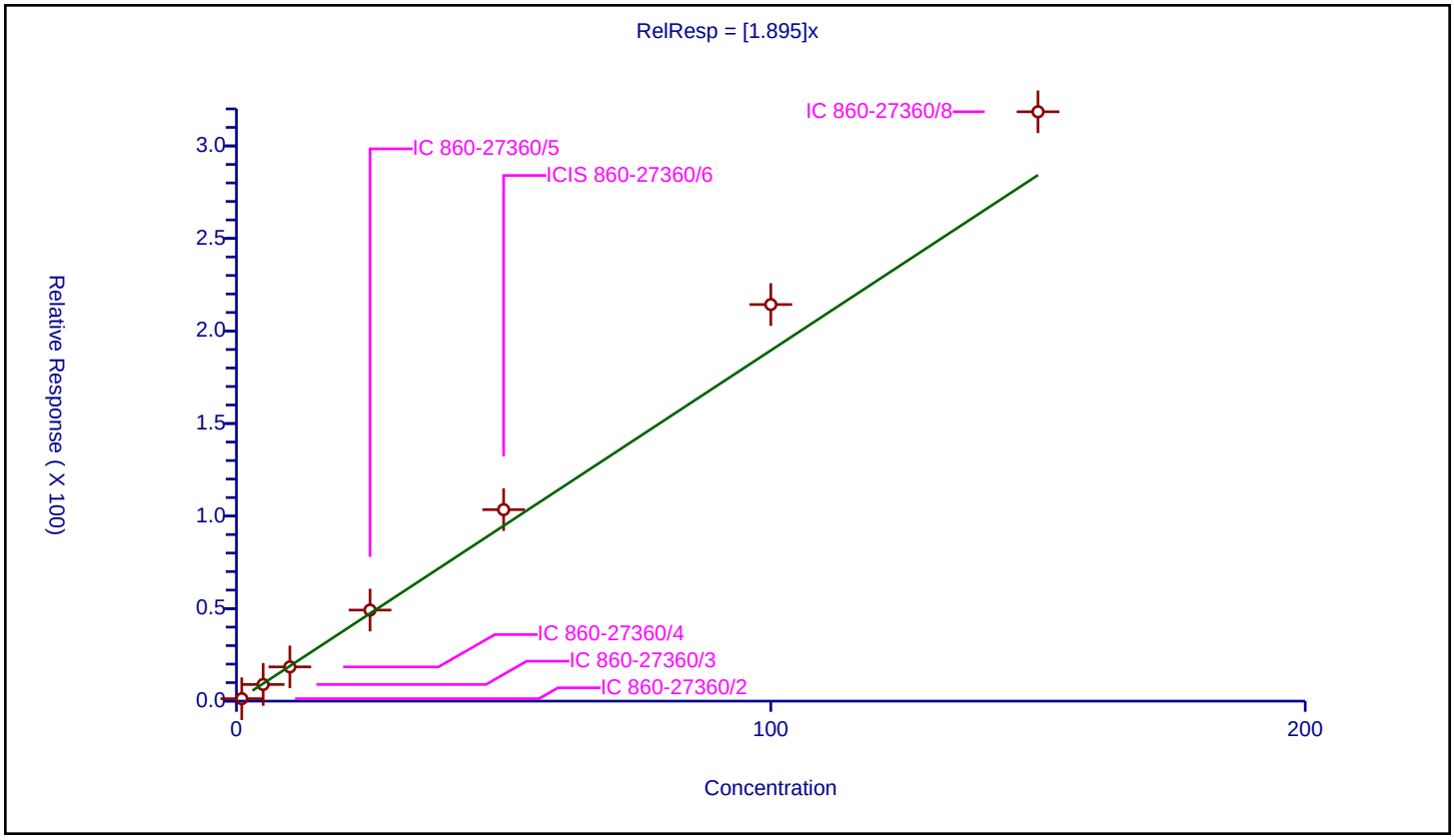
Curve Coefficients

Intercept:	0
Slope:	1.895

Error Coefficients

Standard Error:	1130000
Relative Standard Error:	15.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	1.312754	50.0	335973.0	1.312754	Y
2	IC 860-27360/3	5.0	8.997079	50.0	338282.0	1.799416	Y
3	IC 860-27360/4	10.0	18.498474	50.0	342485.0	1.849847	Y
4	IC 860-27360/5	25.0	49.204907	50.0	339583.0	1.968196	Y
5	ICIS 860-27360/6	50.0	103.469083	50.0	343131.0	2.069382	Y
6	IC 860-27360/7	100.0	214.28886	50.0	349734.0	2.142889	Y
7	IC 860-27360/8	150.0	318.439442	50.0	342166.0	2.12293	Y



Calibration / 1,2,4-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

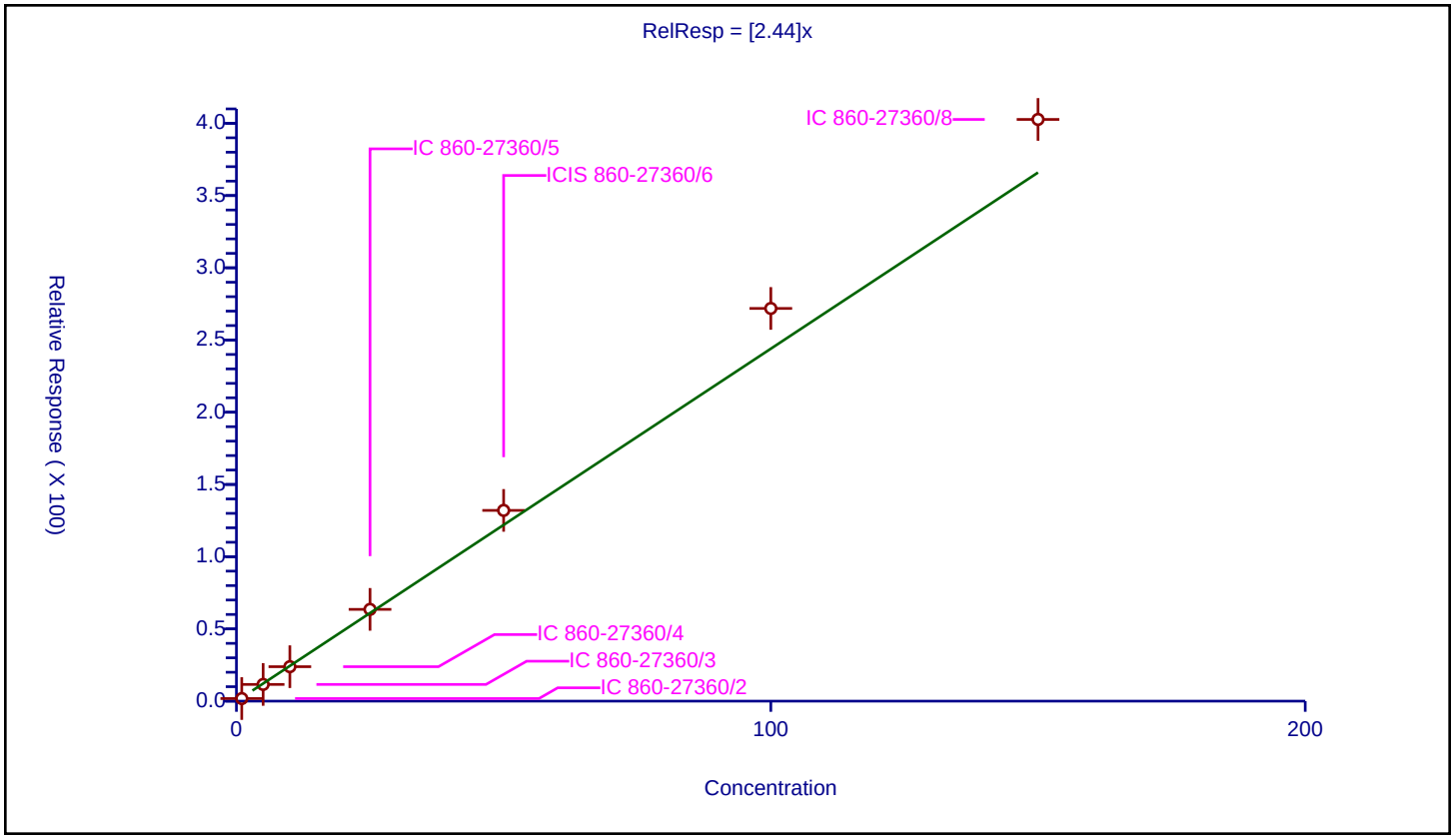
Curve Coefficients

Intercept:	0
Slope:	2.44

Error Coefficients

Standard Error:	1430000
Relative Standard Error:	13.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	1.794043	50.0	335973.0	1.794043	Y
2	IC 860-27360/3	5.0	11.563577	50.0	338282.0	2.312715	Y
3	IC 860-27360/4	10.0	23.855351	50.0	342485.0	2.385535	Y
4	IC 860-27360/5	25.0	63.527326	50.0	339583.0	2.541093	Y
5	ICIS 860-27360/6	50.0	132.052627	50.0	343131.0	2.641053	Y
6	IC 860-27360/7	100.0	271.854181	50.0	349734.0	2.718542	Y
7	IC 860-27360/8	150.0	402.701028	50.0	342166.0	2.684674	Y



Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

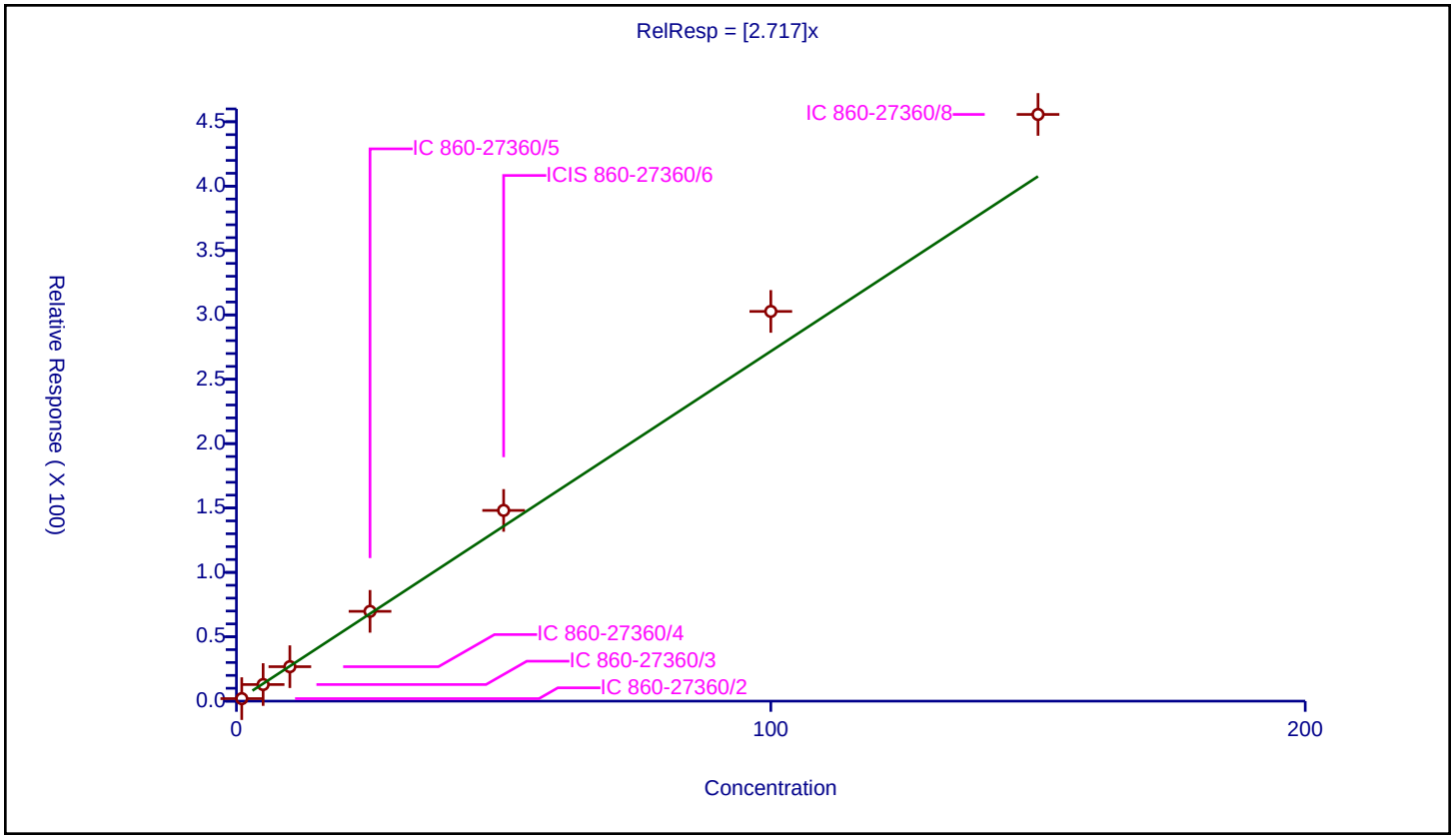
Curve Coefficients

Intercept:	0
Slope:	2.717

Error Coefficients

Standard Error:	1610000
Relative Standard Error:	14.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	1.948817	50.0	335973.0	1.948817	Y
2	IC 860-27360/3	5.0	12.895602	50.0	338282.0	2.57912	Y
3	IC 860-27360/4	10.0	26.763362	50.0	342485.0	2.676336	Y
4	IC 860-27360/5	25.0	69.744216	50.0	339583.0	2.789769	Y
5	ICIS 860-27360/6	50.0	148.131763	50.0	343131.0	2.962635	Y
6	IC 860-27360/7	100.0	302.692046	50.0	349734.0	3.02692	Y
7	IC 860-27360/8	150.0	455.697527	50.0	342166.0	3.037984	Y



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

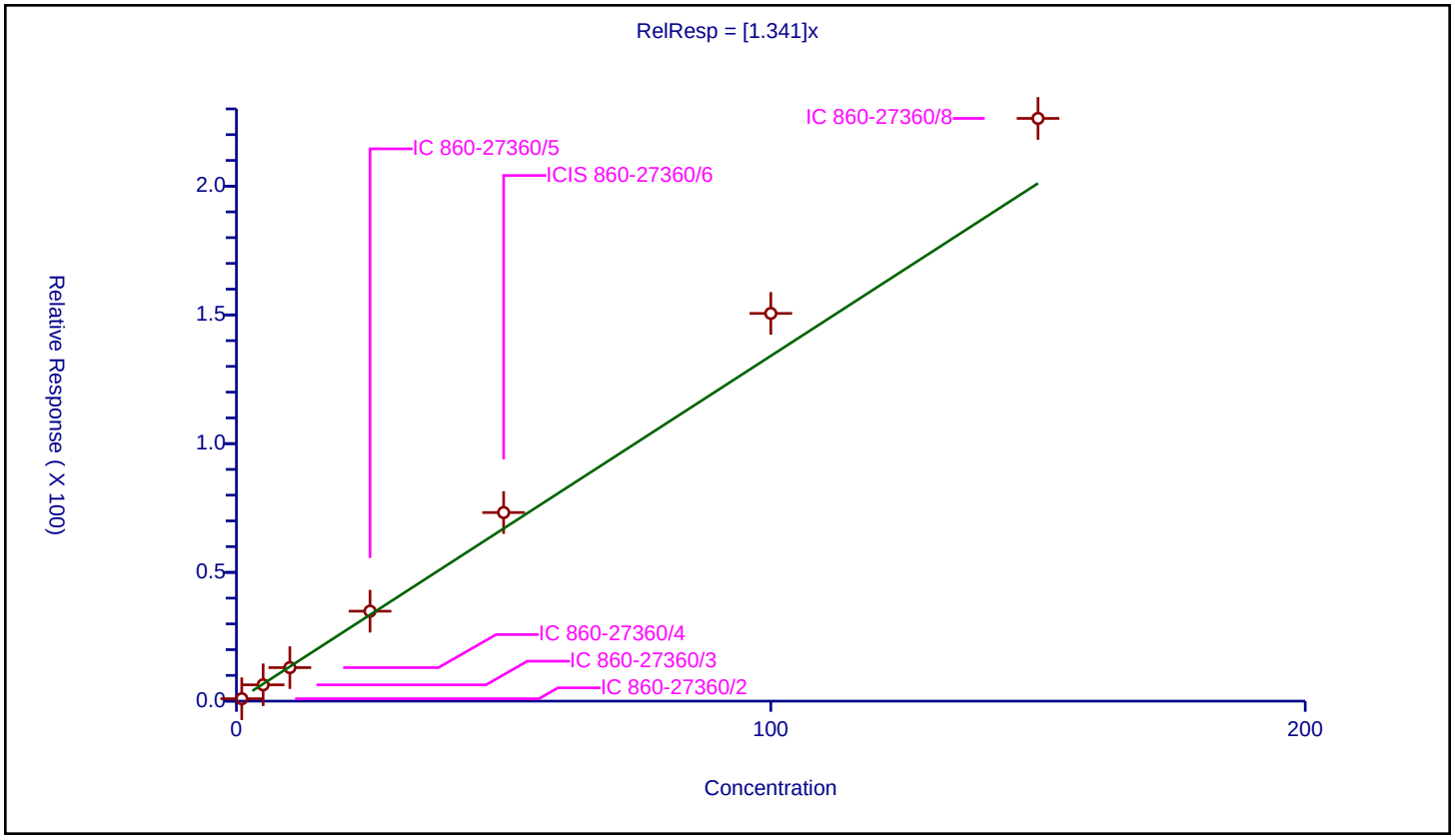
Curve Coefficients

Intercept:	0
Slope:	1.341

Error Coefficients

Standard Error:	798000
Relative Standard Error:	15.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	0.939808	50.0	335973.0	0.939808	Y
2	IC 860-27360/3	5.0	6.331404	50.0	338282.0	1.266281	Y
3	IC 860-27360/4	10.0	13.021008	50.0	342485.0	1.302101	Y
4	IC 860-27360/5	25.0	34.935789	50.0	339583.0	1.397432	Y
5	ICIS 860-27360/6	50.0	73.241561	50.0	343131.0	1.464831	Y
6	IC 860-27360/7	100.0	150.570862	50.0	349734.0	1.505709	Y
7	IC 860-27360/8	150.0	226.312375	50.0	342166.0	1.508749	Y



Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

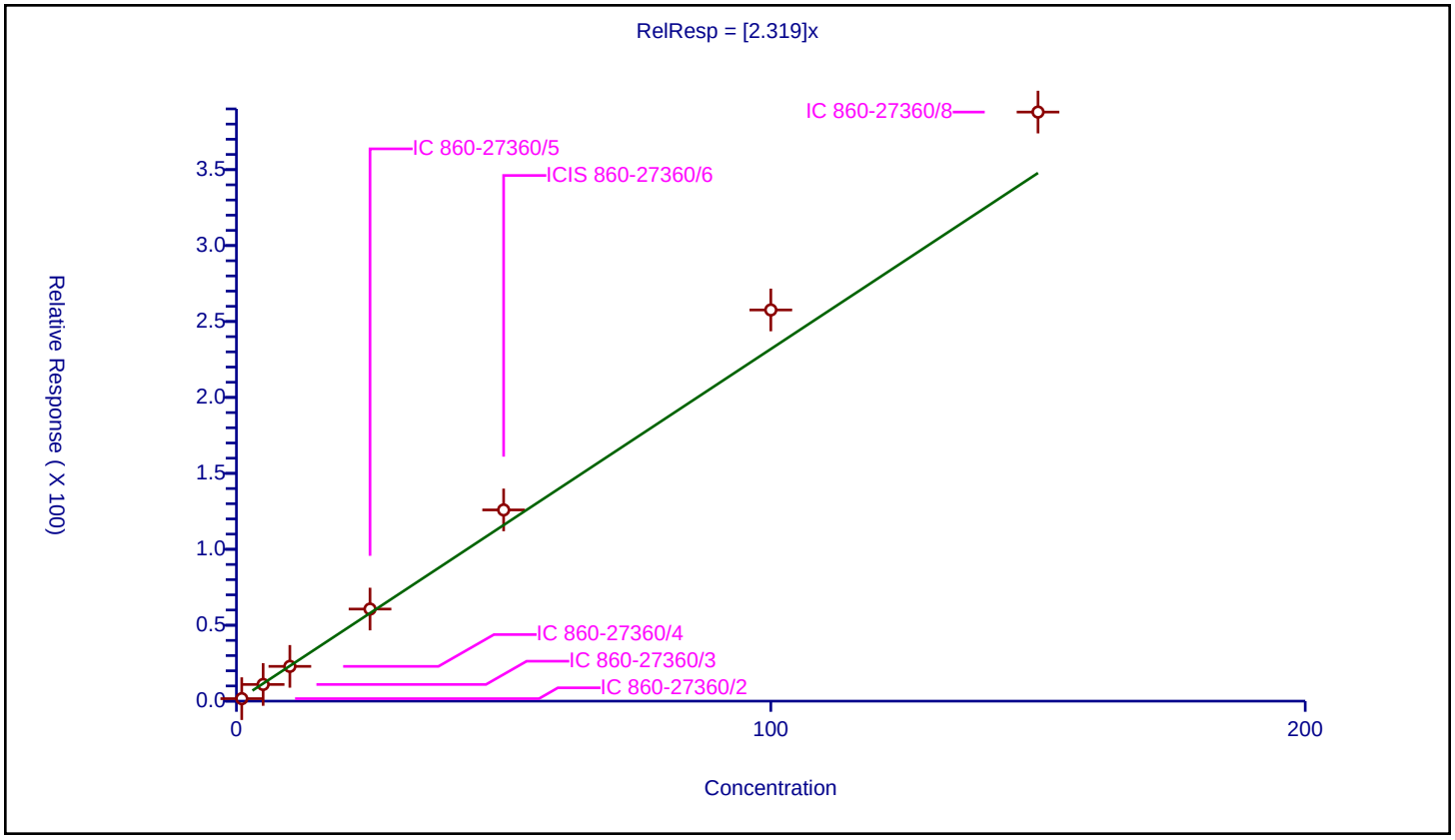
Curve Coefficients

Intercept:	0
Slope:	2.319

Error Coefficients

Standard Error:	1370000
Relative Standard Error:	14.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	1.63778	50.0	335973.0	1.63778	Y
2	IC 860-27360/3	5.0	10.988761	50.0	338282.0	2.197752	Y
3	IC 860-27360/4	10.0	22.891368	50.0	342485.0	2.289137	Y
4	IC 860-27360/5	25.0	60.644968	50.0	339583.0	2.425799	Y
5	ICIS 860-27360/6	50.0	125.915321	50.0	343131.0	2.518306	Y
6	IC 860-27360/7	100.0	257.601634	50.0	349734.0	2.576016	Y
7	IC 860-27360/8	150.0	387.920045	50.0	342166.0	2.586134	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

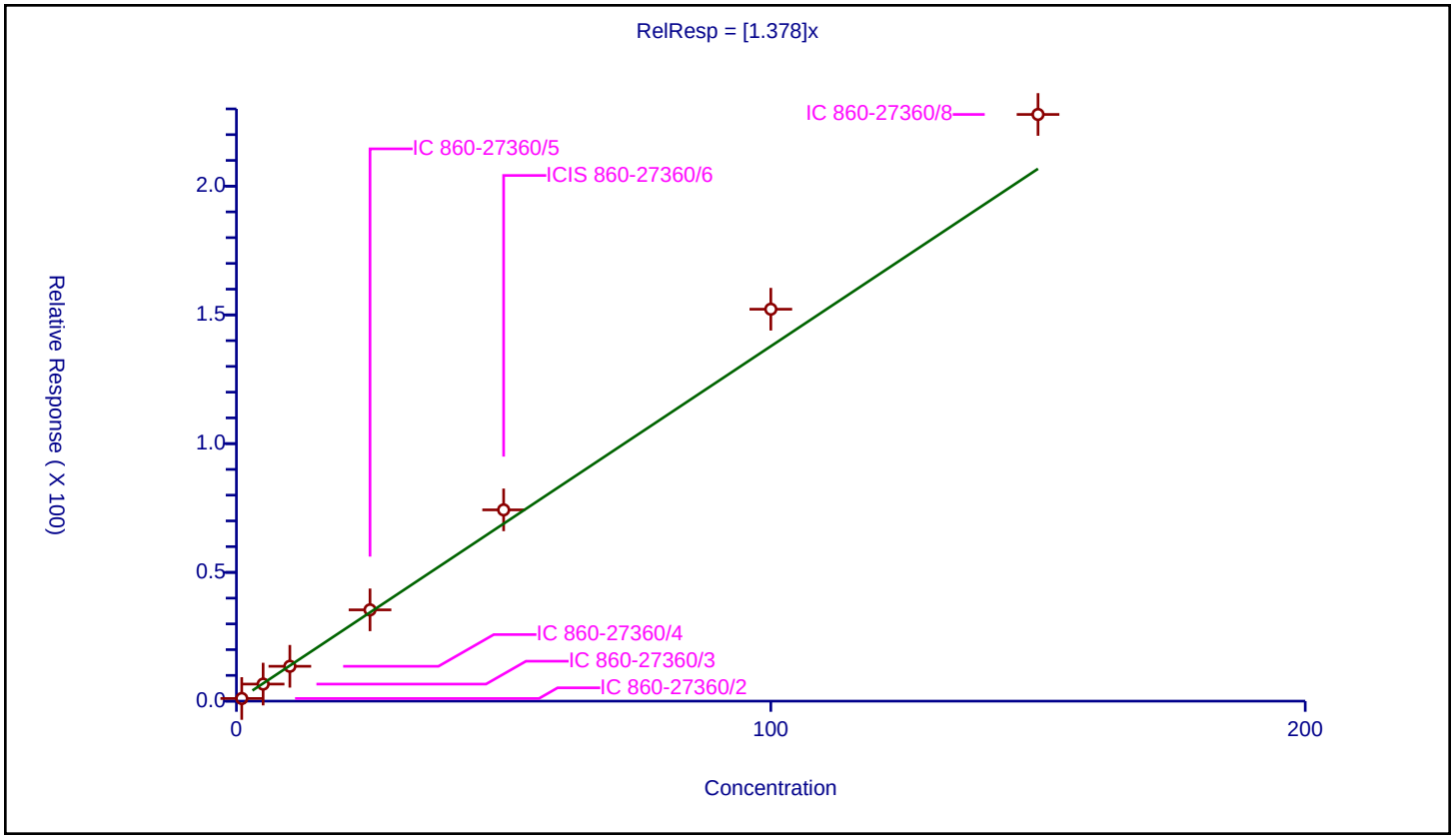
Curve Coefficients

Intercept:	0
Slope:	1.378

Error Coefficients

Standard Error:	805000
Relative Standard Error:	12.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	1.025082	50.0	335973.0	1.025082	Y
2	IC 860-27360/3	5.0	6.622581	50.0	338282.0	1.324516	Y
3	IC 860-27360/4	10.0	13.536943	50.0	342485.0	1.353694	Y
4	IC 860-27360/5	25.0	35.456575	50.0	339583.0	1.418263	Y
5	ICIS 860-27360/6	50.0	74.277025	50.0	343131.0	1.485541	Y
6	IC 860-27360/7	100.0	152.203103	50.0	349734.0	1.522031	Y
7	IC 860-27360/8	150.0	227.840142	50.0	342166.0	1.518934	Y



Calibration / Dicyclopentadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

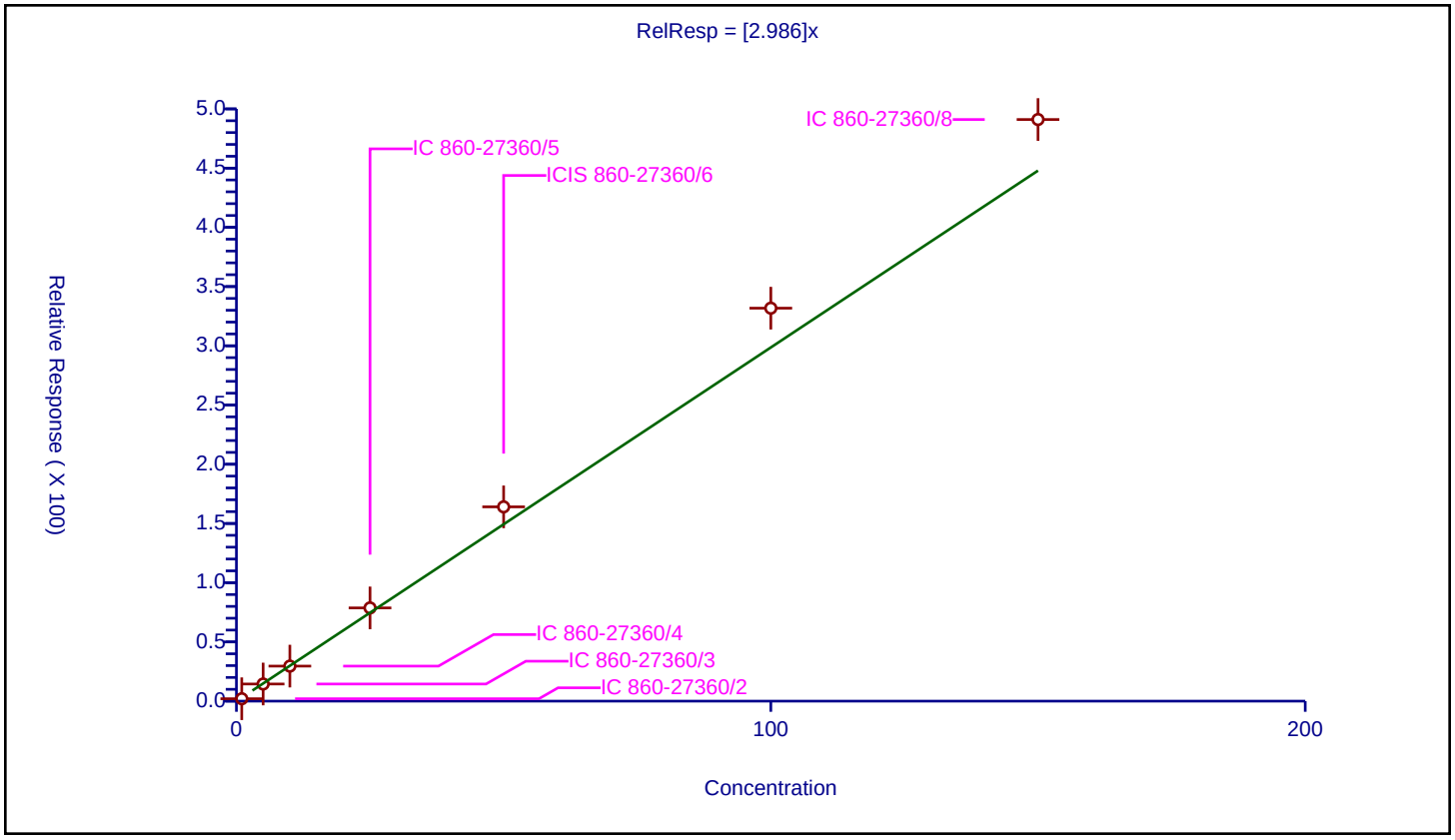
Curve Coefficients

Intercept:	0
Slope:	2.986

Error Coefficients

Standard Error:	1750000
Relative Standard Error:	15.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	2.02799	50.0	335973.0	2.02799	Y
2	IC 860-27360/3	5.0	14.478157	50.0	338282.0	2.895631	Y
3	IC 860-27360/4	10.0	29.574434	50.0	342485.0	2.957443	Y
4	IC 860-27360/5	25.0	78.717574	50.0	339583.0	3.148703	Y
5	ICIS 860-27360/6	50.0	164.016804	50.0	343131.0	3.280336	Y
6	IC 860-27360/7	100.0	331.753418	50.0	349734.0	3.317534	Y
7	IC 860-27360/8	150.0	491.022048	50.0	342166.0	3.27348	Y



Calibration / Benzyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

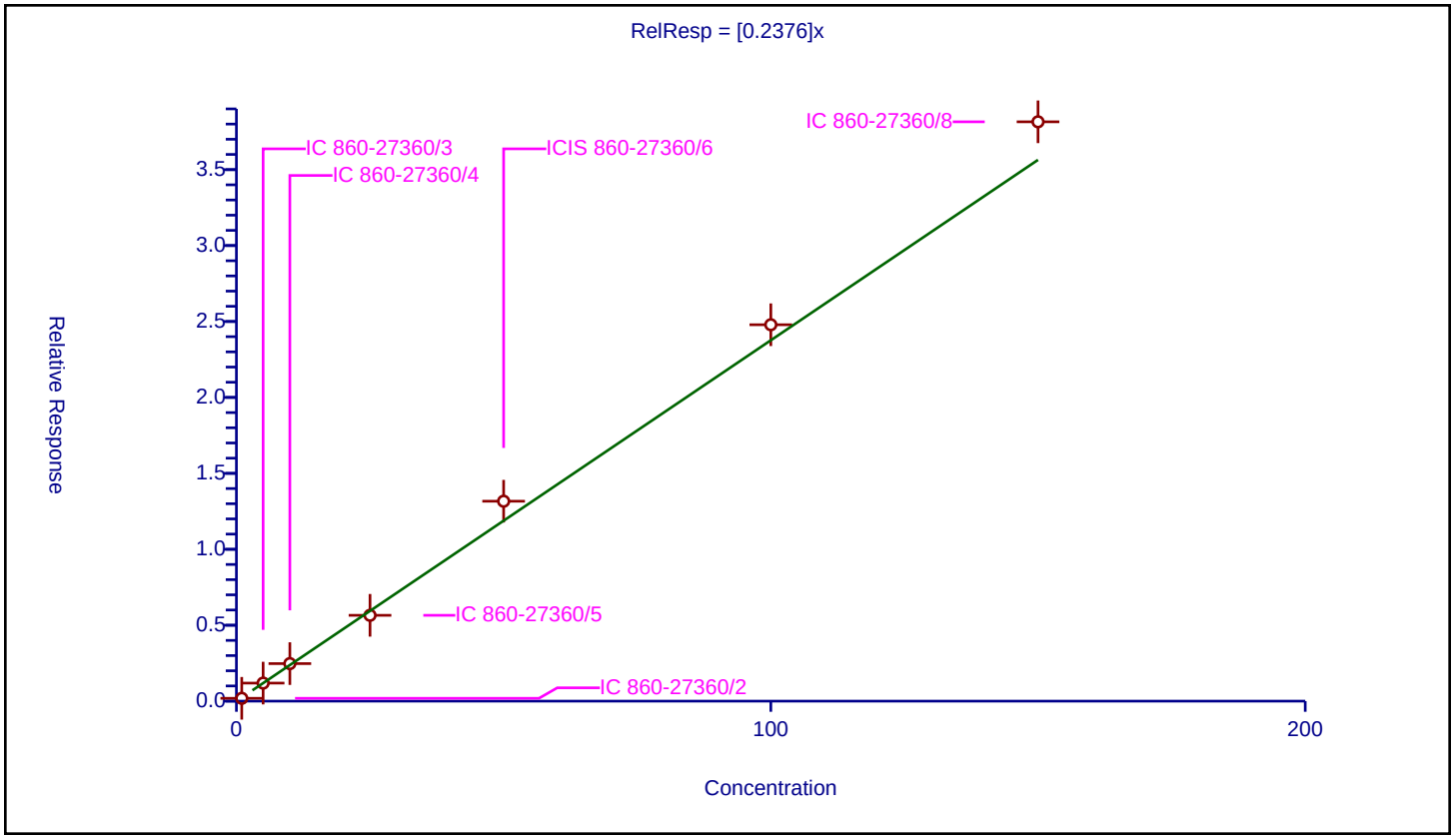
Curve Coefficients

Intercept:	0
Slope:	0.2376

Error Coefficients

Standard Error:	134000
Relative Standard Error:	10.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	0.18692	50.0	335973.0	0.18692	Y
2	IC 860-27360/3	5.0	1.188653	50.0	338282.0	0.237731	Y
3	IC 860-27360/4	10.0	2.471495	50.0	342485.0	0.24715	Y
4	IC 860-27360/5	25.0	5.651932	50.0	339583.0	0.226077	Y
5	ICIS 860-27360/6	50.0	13.164797	50.0	343131.0	0.263296	Y
6	IC 860-27360/7	100.0	24.786123	50.0	349734.0	0.247861	Y
7	IC 860-27360/8	150.0	38.149904	50.0	342166.0	0.254333	Y



Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

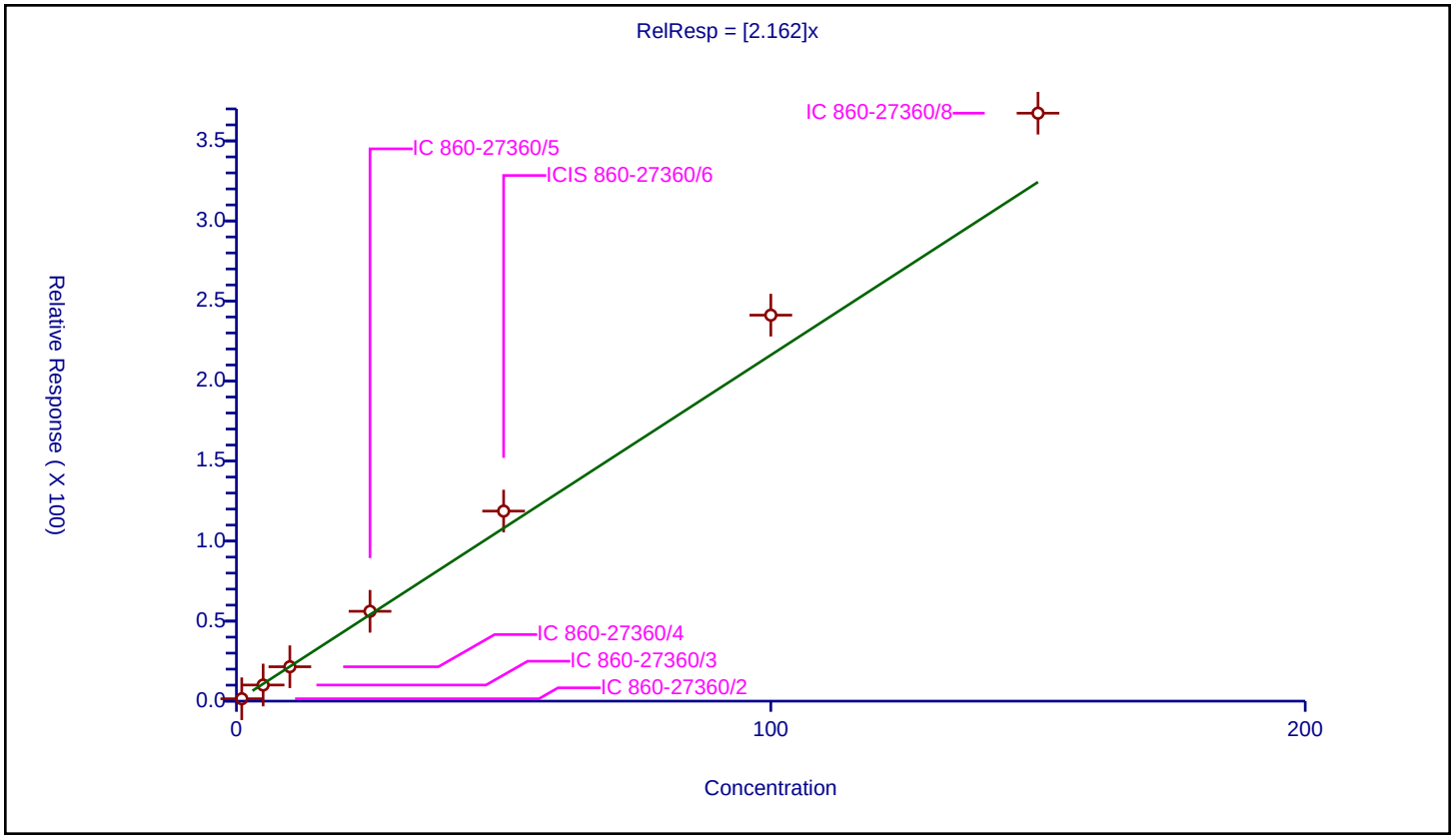
Curve Coefficients

Intercept:	0
Slope:	2.162

Error Coefficients

Standard Error:	1290000
Relative Standard Error:	15.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	1.49134	50.0	335973.0	1.49134	Y
2	IC 860-27360/3	5.0	10.067488	50.0	338282.0	2.013498	Y
3	IC 860-27360/4	10.0	21.487072	50.0	342485.0	2.148707	Y
4	IC 860-27360/5	25.0	56.135466	50.0	339583.0	2.245419	Y
5	ICIS 860-27360/6	50.0	118.737159	50.0	343131.0	2.374743	Y
6	IC 860-27360/7	100.0	241.146557	50.0	349734.0	2.411466	Y
7	IC 860-27360/8	150.0	367.328139	50.0	342166.0	2.448854	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

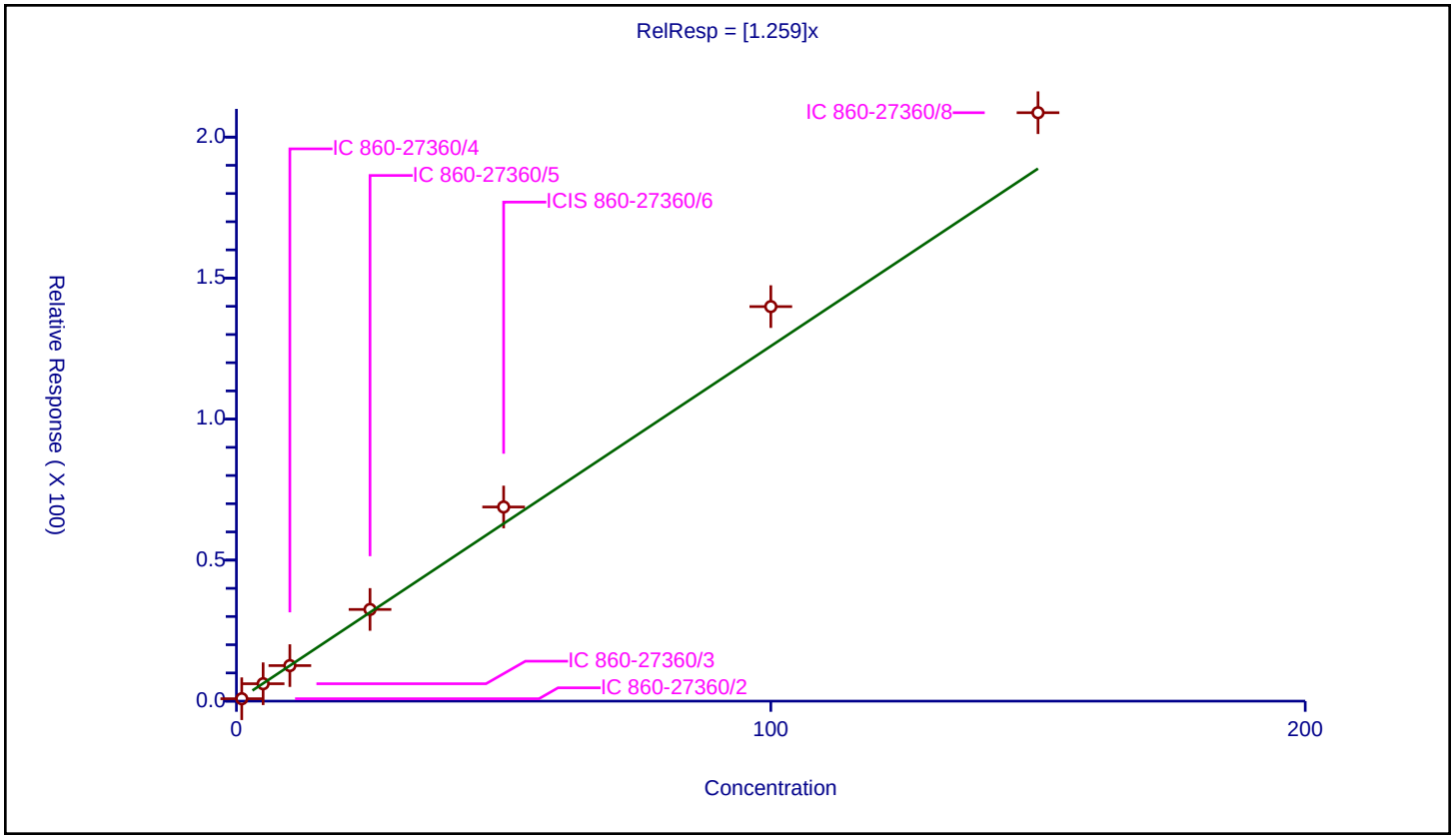
Curve Coefficients

Intercept:	0
Slope:	1.259

Error Coefficients

Standard Error:	739000
Relative Standard Error:	15.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	0.850068	50.0	335973.0	0.850068	Y
2	IC 860-27360/3	5.0	6.171183	50.0	338282.0	1.234237	Y
3	IC 860-27360/4	10.0	12.60537	50.0	342485.0	1.260537	Y
4	IC 860-27360/5	25.0	32.51002	50.0	339583.0	1.300401	Y
5	ICIS 860-27360/6	50.0	68.839015	50.0	343131.0	1.37678	Y
6	IC 860-27360/7	100.0	139.894034	50.0	349734.0	1.39894	Y
7	IC 860-27360/8	150.0	208.652818	50.0	342166.0	1.391019	Y



Calibration / 1,2-Dibromo-3-Chloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

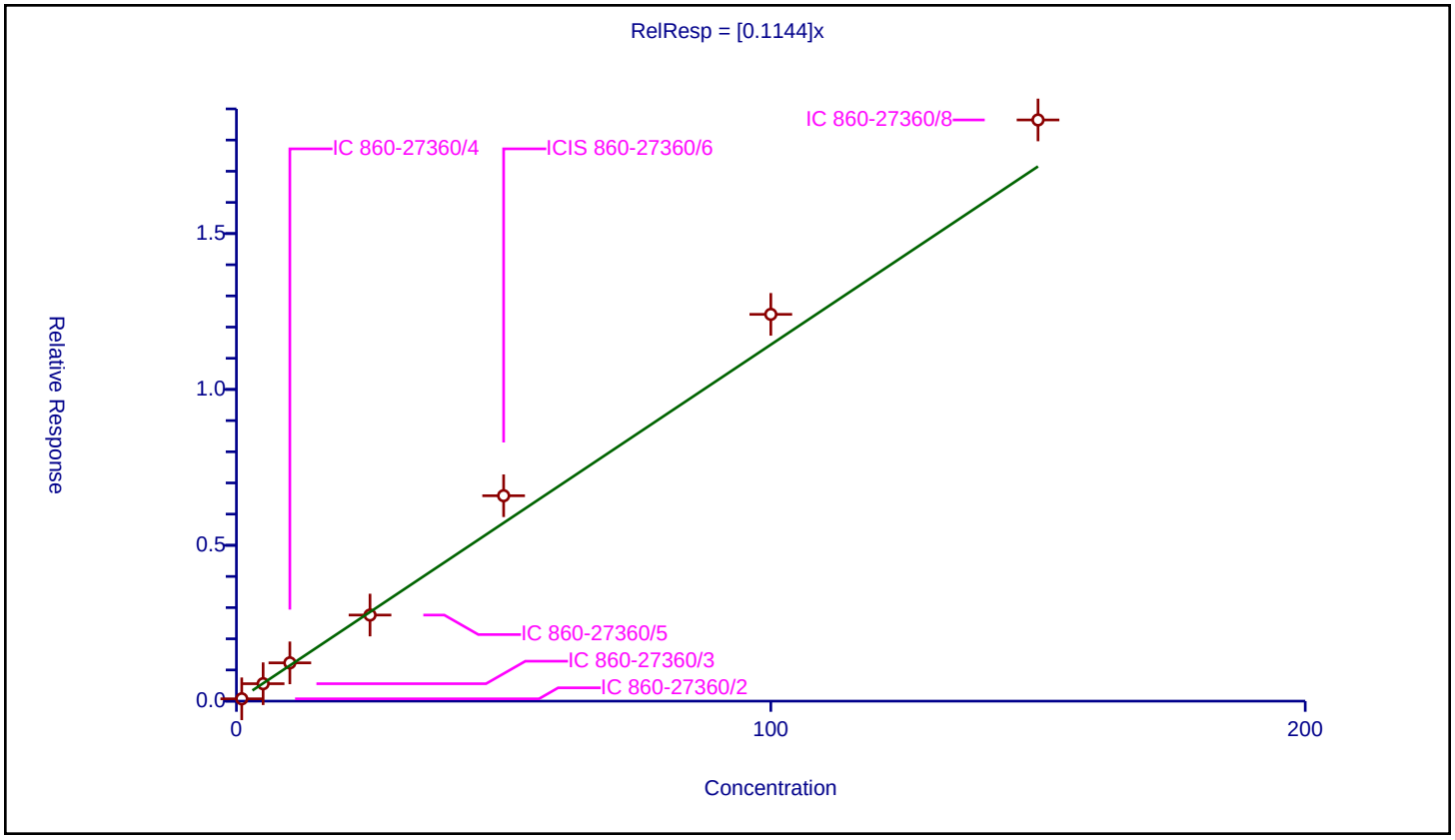
Curve Coefficients

Intercept:	0
Slope:	0.1144

Error Coefficients

Standard Error:	66200
Relative Standard Error:	16.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.973

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	0.075155	50.0	335973.0	0.075155	Y
2	IC 860-27360/3	5.0	0.559444	50.0	338282.0	0.111889	Y
3	IC 860-27360/4	10.0	1.228229	50.0	342485.0	0.122823	Y
4	IC 860-27360/5	25.0	2.761917	50.0	339583.0	0.110477	Y
5	ICIS 860-27360/6	50.0	6.590194	50.0	343131.0	0.131804	Y
6	IC 860-27360/7	100.0	12.409145	50.0	349734.0	0.124091	Y
7	IC 860-27360/8	150.0	18.64519	50.0	342166.0	0.124301	Y



Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

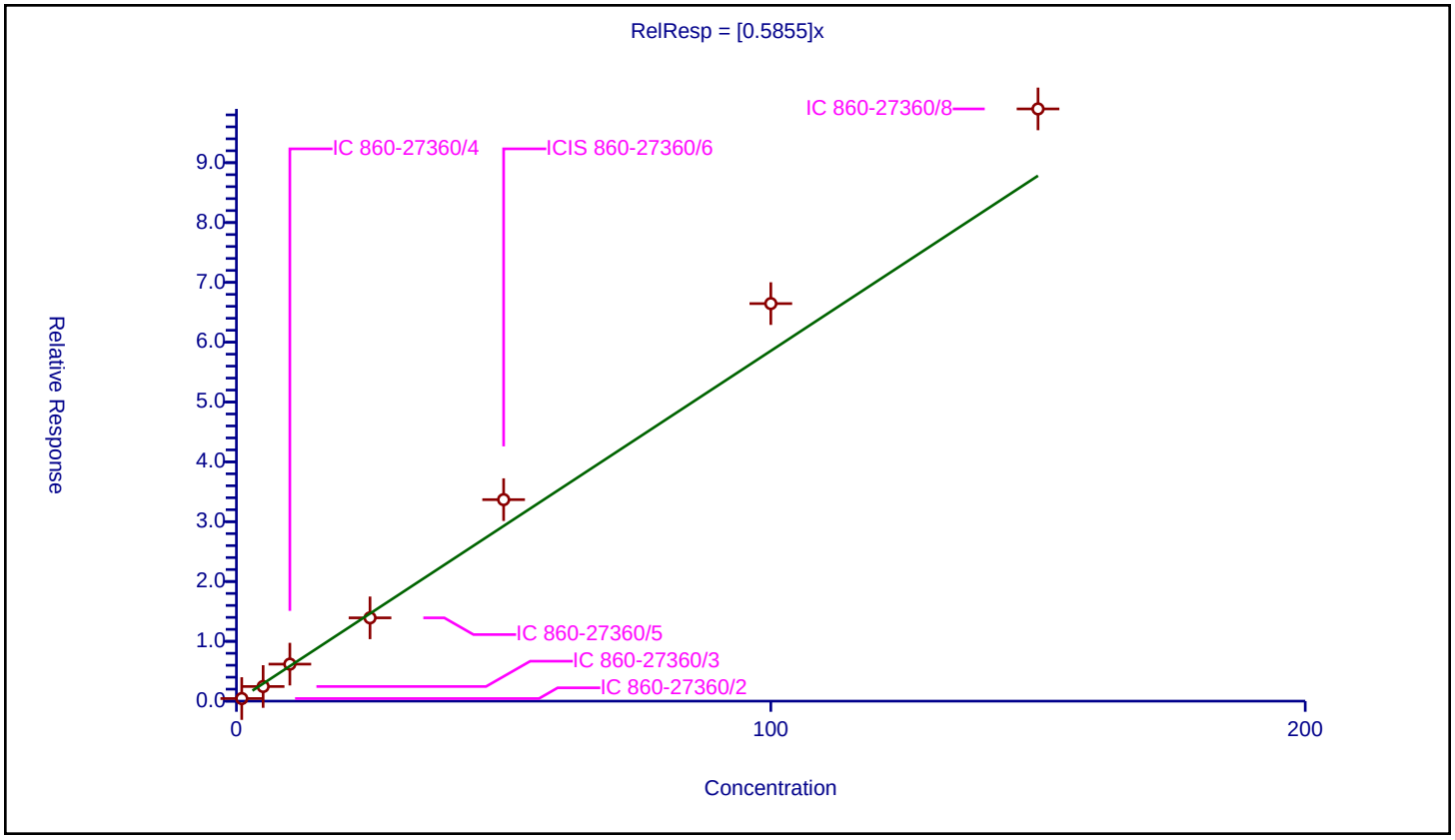
Curve Coefficients

Intercept:	0
Slope:	0.5855

Error Coefficients

Standard Error:	351000
Relative Standard Error:	16.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.974

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	0.435898	50.0	335973.0	0.435898	Y
2	IC 860-27360/3	5.0	2.446332	50.0	338282.0	0.489266	Y
3	IC 860-27360/4	10.0	6.185088	50.0	342485.0	0.618509	Y
4	IC 860-27360/5	25.0	13.924136	50.0	339583.0	0.556965	Y
5	ICIS 860-27360/6	50.0	33.68116	50.0	343131.0	0.673623	Y
6	IC 860-27360/7	100.0	66.455506	50.0	349734.0	0.664555	Y
7	IC 860-27360/8	150.0	98.99464	50.0	342166.0	0.659964	Y



Calibration / Hexachlorobutadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

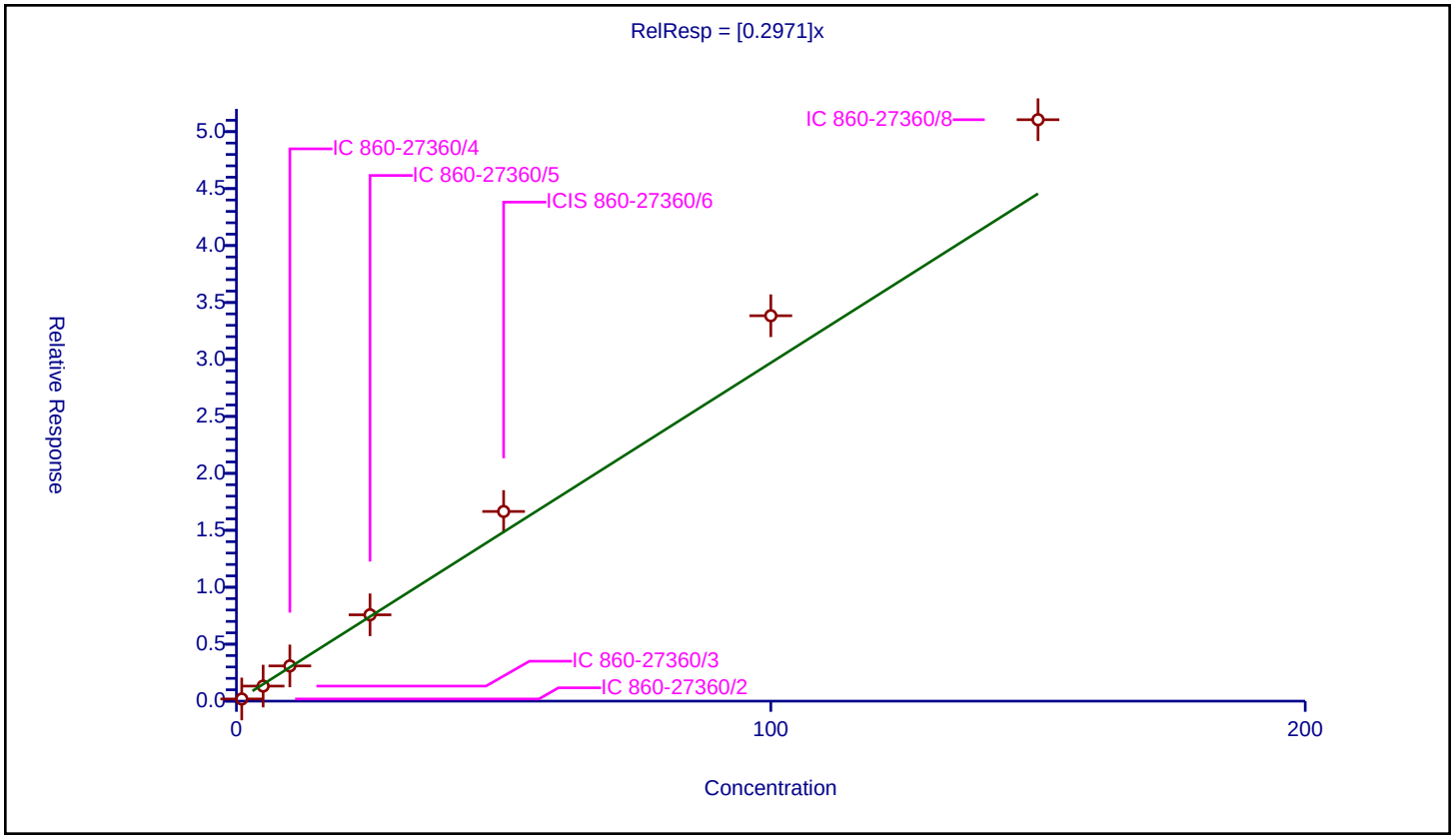
Curve Coefficients

Intercept:	0
Slope:	0.2971

Error Coefficients

Standard Error:	180000
Relative Standard Error:	18.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.968

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	0.190491	50.0	335973.0	0.190491	Y
2	IC 860-27360/3	5.0	1.323156	50.0	338282.0	0.264631	Y
3	IC 860-27360/4	10.0	3.09342	50.0	342485.0	0.309342	Y
4	IC 860-27360/5	25.0	7.579296	50.0	339583.0	0.303172	Y
5	ICIS 860-27360/6	50.0	16.653115	50.0	343131.0	0.333062	Y
6	IC 860-27360/7	100.0	33.838717	50.0	349734.0	0.338387	Y
7	IC 860-27360/8	150.0	51.050221	50.0	342166.0	0.340335	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

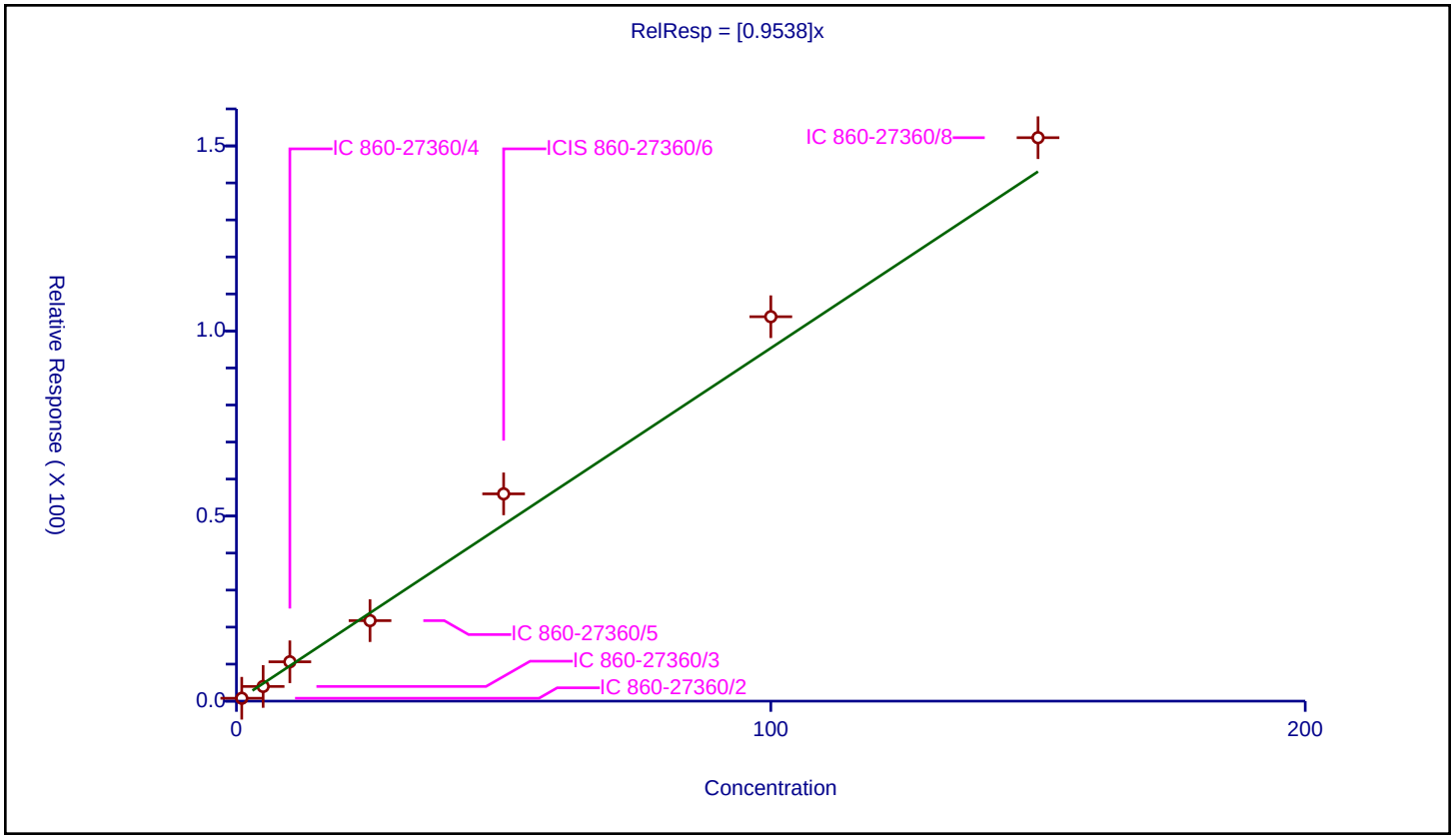
Curve Coefficients

Intercept:	0
Slope:	0.9538

Error Coefficients

Standard Error:	546000
Relative Standard Error:	14.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	0.777443	50.0	335973.0	0.777443	Y
2	IC 860-27360/3	5.0	3.965183	50.0	338282.0	0.793037	Y
3	IC 860-27360/4	10.0	10.627911	50.0	342485.0	1.062791	Y
4	IC 860-27360/5	25.0	21.747408	50.0	339583.0	0.869896	Y
5	ICIS 860-27360/6	50.0	55.996544	50.0	343131.0	1.119931	Y
6	IC 860-27360/7	100.0	103.856502	50.0	349734.0	1.038565	Y
7	IC 860-27360/8	150.0	152.221436	50.0	342166.0	1.01481	Y



Calibration / 1,2,3-Trichlorobenzene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

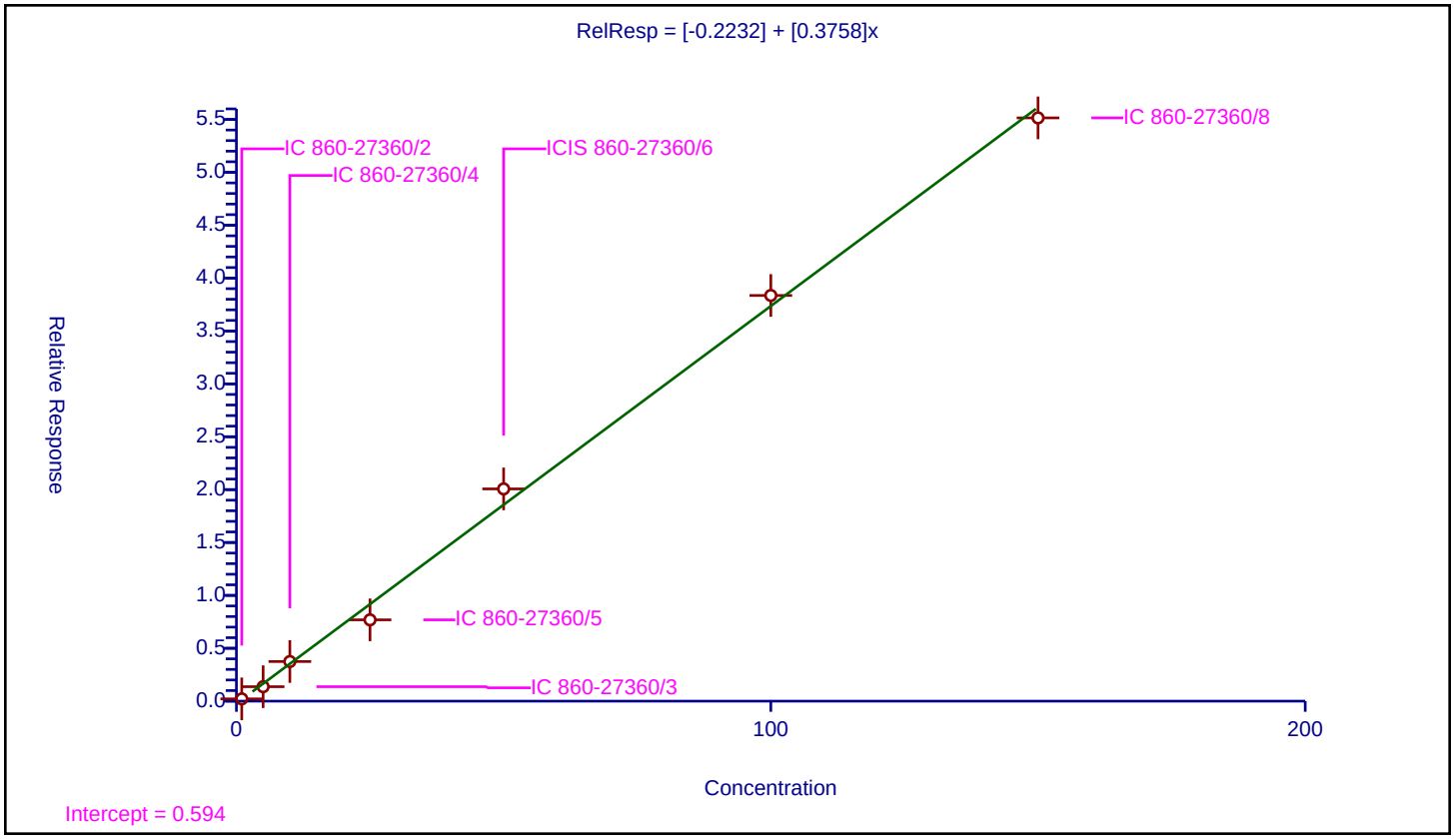
Curve Coefficients

Intercept:	-0.2232
Slope:	0.3758

Error Coefficients

Standard Error:	218000
Relative Standard Error:	13.2
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	0.215642	50.0	335973.0	0.215642	Y
2	IC 860-27360/3	5.0	1.365429	50.0	338282.0	0.273086	Y
3	IC 860-27360/4	10.0	3.74542	50.0	342485.0	0.374542	Y
4	IC 860-27360/5	25.0	7.687664	50.0	339583.0	0.307507	Y
5	ICIS 860-27360/6	50.0	20.068574	50.0	343131.0	0.401371	Y
6	IC 860-27360/7	100.0	38.35758	50.0	349734.0	0.383576	Y
7	IC 860-27360/8	150.0	55.148378	50.0	342166.0	0.367656	Y



Calibration / 2-Methylnaphthalene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

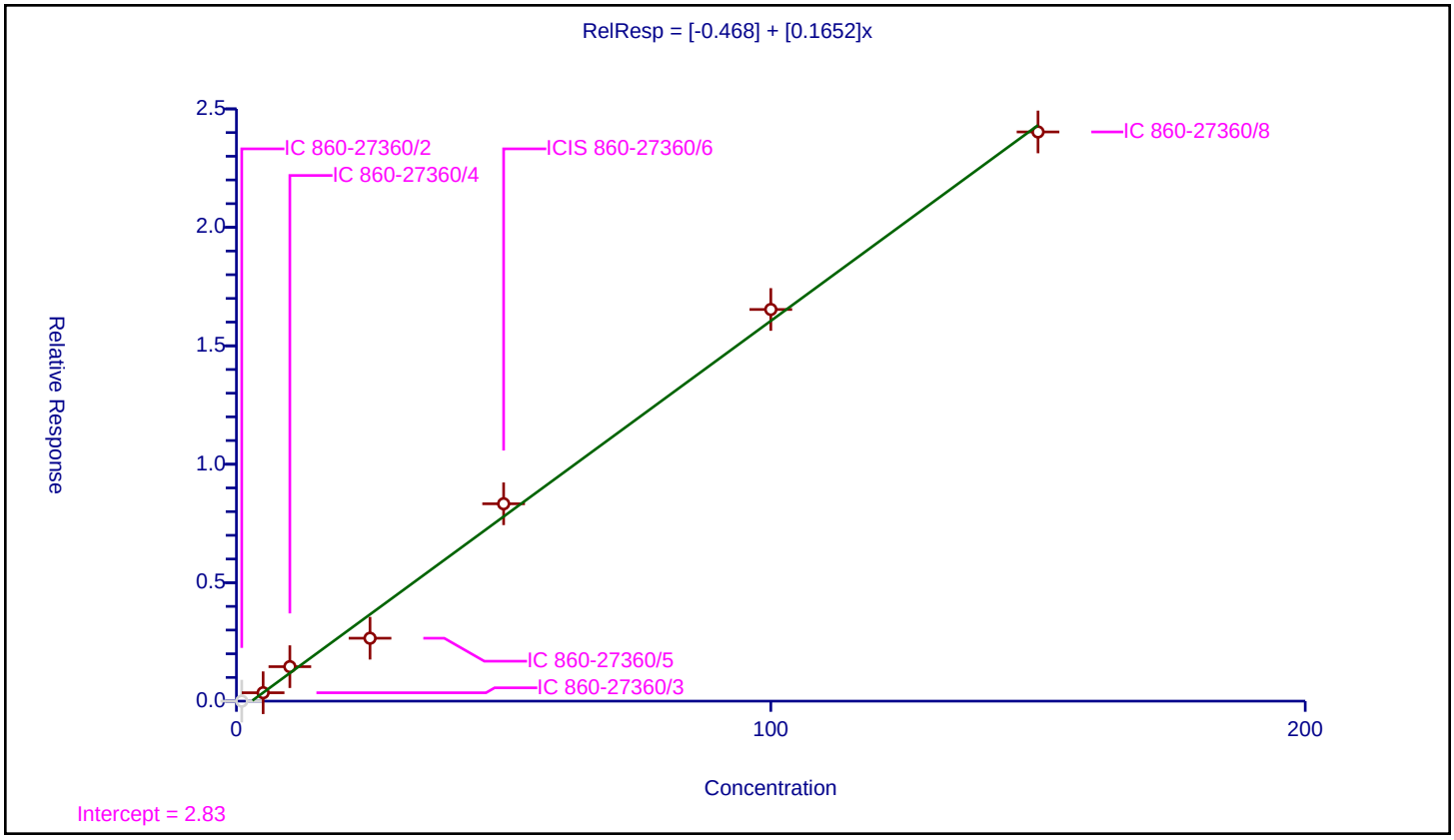
Curve Coefficients

Intercept:	-0.468
Slope:	0.1652

Error Coefficients

Standard Error:	105000
Relative Standard Error:	15.1
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	0.0	50.0	335973.0	0.0	N
2	IC 860-27360/3	5.0	0.354734	50.0	338282.0	0.070947	Y
3	IC 860-27360/4	10.0	1.45583	50.0	342485.0	0.145583	Y
4	IC 860-27360/5	25.0	2.65561	50.0	339583.0	0.106224	Y
5	ICIS 860-27360/6	50.0	8.331075	50.0	343131.0	0.166621	Y
6	IC 860-27360/7	100.0	16.533566	50.0	349734.0	0.165336	Y
7	IC 860-27360/8	150.0	24.02708	50.0	342166.0	0.160181	Y



Calibration / 1-Methylnaphthalene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

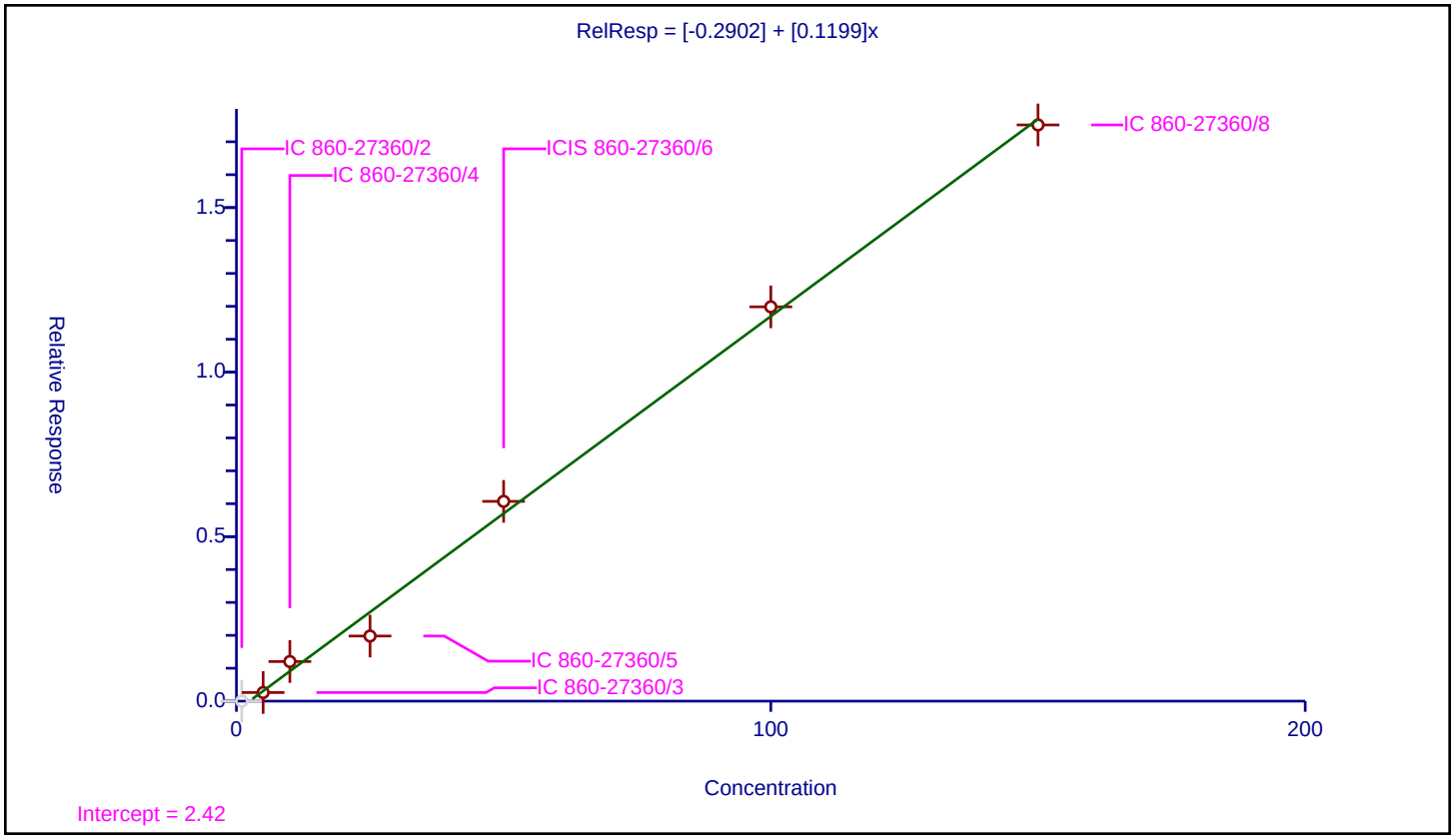
Curve Coefficients

Intercept:	-0.2902
Slope:	0.1199

Error Coefficients

Standard Error:	76400
Relative Standard Error:	18.0
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-27360/2	1.0	0.0	50.0	335973.0	0.0	N
2	IC 860-27360/3	5.0	0.261616	50.0	338282.0	0.052323	Y
3	IC 860-27360/4	10.0	1.203556	50.0	342485.0	0.120356	Y
4	IC 860-27360/5	25.0	1.978898	50.0	339583.0	0.079156	Y
5	ICIS 860-27360/6	50.0	6.071879	50.0	343131.0	0.121438	Y
6	IC 860-27360/7	100.0	11.983822	50.0	349734.0	0.119838	Y
7	IC 860-27360/8	150.0	17.512699	50.0	342166.0	0.116751	Y



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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1 Analy Batch No.: 26284

SDG No.:

Instrument ID: A294 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2021 17:08 Calibration End Date: 10/12/2021 19:31 Calibration ID: 1763

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-26284/2	T17905.D
Level 2	IC 860-26284/3	T17906.D
Level 3	IC 860-26284/4	T17907.D
Level 4	IC 860-26284/5	T17908.D
Level 5	ICIS 860-26284/6	T17909.D
Level 6	IC 860-26284/7	T17910.D
Level 7	IC 860-26284/9	T17912.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Propene	+++++ 0.3501	0.6751 0.3251	0.5077	0.3687	0.3432	Lin1	1.7613	0.3177				4.8			0.9980		0.9900
Dichlorodifluoromethane	0.6205 0.6052	0.6634 0.5676	0.6283	0.5732	0.5845	Ave		0.6061				5.6		20.0			
Chloromethane	0.6058 0.4876	0.5380 0.4744	0.5273	0.4561	0.4580	Ave		0.5068				10.7		20.0			
Vinyl chloride	0.5571 0.4566	0.5690 0.4380	0.4765	0.4380	0.4344	Ave		0.4814				12.0		20.0			
1,3-Butadiene	0.4071 0.3631	0.4202 0.3465	0.3908	0.3306	0.3409	Ave		0.3713				9.4		20.0			
Ethylene oxide	+++++ 0.0515	0.0627 0.0429	0.0595	0.0512	0.0506	Ave		0.0530				12.2		20.0			
Bromomethane	0.2928 0.3000	0.3035 0.2528	0.2953	0.2801	0.2884	Ave		0.2876				6.0		20.0			
Chloroethane	0.3285 0.2654	0.3271 0.2466	0.2729	0.2677	0.2460	Ave		0.2792				12.5		20.0			
Trichlorofluoromethane	0.9338 0.8173	0.8714 0.7968	0.8190	0.7795	0.7732	Ave		0.8273				6.9		20.0			
Diethyl ether	0.1996 0.2306	0.2651 0.2346	0.2316	0.2159	0.2194	Ave		0.2281				8.9		20.0			
Acrolein	0.0458 0.0554	0.0606 0.0589	0.0538	0.0537	0.0555	Ave		0.0548				8.7		20.0			
1,1-Dichloroethene	0.1703 0.3657	0.4131 0.3550	0.3611	0.3445	0.3484	Lin1	-0.114	0.3592				13.6			0.9990		0.9900
1,1,2-Trichloro-1,2,2-trifluoroethane	0.3291 0.3573	0.3982 0.3361	0.3568	0.3415	0.3395	Ave		0.3512				6.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

Released to Imaging: 6/14/2022 10:51:35 AM

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1 Analy Batch No.: 26284

SDG No.:

Instrument ID: A294 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2021 17:08 Calibration End Date: 10/12/2021 19:31 Calibration ID: 1763

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Acetone	0.0413 0.0311	0.0458 0.0330	0.0384	0.0351	0.0328	Ave		0.0368				14.4		20.0			
Iodomethane (Methyl Iodide)	+++++ 0.4518	0.2589 0.4303	0.2753	0.3105	0.3654	Lin1	-1.385	0.4356				15.4			0.9920		0.9900
Isopropyl alcohol	0.0220 0.0185	0.0252 0.0194	0.0221	0.0209	0.0188	Ave		0.0210				11.3		20.0			
Carbon disulfide	1.2393 1.1291	1.2763 1.0646	1.0915	1.1017	1.0826	Ave		1.1407				7.3		20.0			
Acetonitrile	0.0179 0.0202	0.0235 0.0194	0.0190	0.0198	0.0186	Ave		0.0198				9.2		20.0			
Allyl Chloride (3-Chloropropene)	0.2430 0.2247	0.2629 0.2201	0.2162	0.2227	0.2158	Ave		0.2293				7.6		20.0			
Methyl acetate	0.2335 0.2394	0.3081 0.2514	0.2599	0.2338	0.2310	Ave		0.2510				10.9		20.0			
Methylene Chloride	+++++ 0.4087	0.4902 0.3883	0.4226	0.3900	0.3822	Ave		0.4137				9.8		20.0			
tert-Butyl alcohol	0.0312 0.0356	0.0385 0.0375	0.0380	0.0375	0.0341	Ave		0.0361				7.3		20.0			
Acrylonitrile	0.1182 0.1257	0.1445 0.1300	0.1271	0.1246	0.1206	Ave		0.1273				6.7		20.0			
trans-1,2-Dichloroethene	0.4271 0.4171	0.4401 0.4036	0.4249	0.3972	0.4088	Ave		0.4170				3.6		20.0			
MTBE	1.0566 1.2418	1.2672 1.2280	1.1937	1.1641	1.1630	Ave		1.1878				5.9		20.0			
n-Hexane	0.5881 0.6100	0.7016 0.5873	0.6158	0.5916	0.5910	Ave		0.6122				6.7		20.0			
1,1-Dichloroethane	0.8623 0.9518	0.9956 0.9207	0.9478	0.9303	0.9169	Ave		0.9322				4.4		20.0			
Vinyl acetate	1.0906 1.2529	1.1950 1.2526	1.1732	1.2215	1.2121	Ave		1.1997				4.7		20.0			
Isopropyl ether	1.3843 1.5734	1.6006 1.5232	1.4896	1.5507	1.5220	Ave		1.5205				4.6		20.0			
Chloroprene	0.6892 0.8153	0.7848 0.7923	0.7786	0.7840	0.7883	Ave		0.7761				5.2		20.0			
Ethyl tert-butyl ether	1.1526 1.5379	1.3620 1.5369	1.3836	1.4018	1.4181	Ave		1.3990				9.3		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1 Analy Batch No.: 26284

SDG No.:

Instrument ID: A294 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2021 17:08 Calibration End Date: 10/12/2021 19:31 Calibration ID: 1763

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
cis-1,2-Dichloroethene	0.7705 0.8228	0.8167 0.8097	0.7862	0.7966	0.7953	Ave		0.7997				2.3		20.0			
2,2-Dichloropropane	0.8316 0.8724	0.8301 0.8337	0.7986	0.8314	0.8378	Ave		0.8337				2.6		20.0			
2-Butanone	0.0530 0.0654	0.0611 0.0681	0.0688	0.0672	0.0636	Ave		0.0639				8.6		20.0			
Propane Nitrile (Propionitrile)	0.0628 0.0680	0.0744 0.0703	0.0689	0.0723	0.0704	Ave		0.0696				5.3		20.0			
Ethyl acetate	0.3522 0.4760	0.4716 0.4928	0.5040	0.4684	0.4695	Ave		0.4621				10.9		20.0			
Methacrylonitrile	0.1791 0.2226	0.2244 0.2229	0.2289	0.2220	0.2218	Ave		0.2174				7.9		20.0			
Bromochloromethane	0.4015 0.4167	0.4273 0.3865	0.4087	0.4101	0.4116	Ave		0.4089				3.1		20.0			
Tetrahydrofuran	0.1637 0.1276	0.1490 0.1331	0.1424	0.1180	0.1225	Ave		0.1366				11.8		20.0			
Chloroform	0.9502 1.0262	1.0734 0.9806	1.0239	1.0201	0.9995	Ave		1.0106				3.9		20.0			
1,1,1-Trichloroethane	25.964 0.8791	5.8300 0.7658	3.1710	1.6296	1.1128	Lin1	25.491	0.6086				13.5			0.9990		0.9900
Cyclohexane	0.7052 0.7700	0.7820 0.7303	0.7625	0.7447	0.7433	Ave		0.7483				3.5		20.0			
1,1-Dichloropropene	0.6990 0.7611	0.7589 0.7340	0.7363	0.7317	0.7346	Ave		0.7365				2.8		20.0			
Carbon tetrachloride	0.8069 0.8743	0.8226 0.8466	0.8509	0.8534	0.8469	Ave		0.8431				2.6		20.0			
Isobutanol	0.0096 0.0112	0.0122 0.0122	0.0120	0.0120	0.0110	Ave		0.0115				8.4		20.0			
Benzene	1.5081 1.5501	1.6923 1.5235	1.5367	1.5475	1.5021	Ave		1.5515				4.2		20.0			
1,2-Dichloroethane	0.4757 0.5391	0.5433 0.5429	0.5445	0.5329	0.5194	Ave		0.5283				4.7		20.0			
2,2,4-Trimethylpentane	0.9167 1.1102	1.0767 1.0837	1.0668	1.0742	1.0814	Ave		1.0585				6.0		20.0			
Tert-amyl methyl ether	0.8323 1.0900	0.9126 1.0885	0.9697	1.0360	1.0261	Ave		0.9936				9.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1 Analy Batch No.: 26284

SDG No.:

Instrument ID: A294 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2021 17:08 Calibration End Date: 10/12/2021 19:31 Calibration ID: 1763

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
n-Butanol	0.0080 0.0070	0.0071 0.0080	0.0067	0.0070	0.0066	Ave		0.0072				7.9		20.0			
Trichloroethene	0.4320 0.4418	0.4469 0.4315	0.4388	0.4353	0.4192	Ave		0.4351				2.0		20.0			
Methylcyclohexane	0.5796 0.6534	0.6064 0.6390	0.5853	0.6102	0.6126	Ave		0.6124				4.3		20.0			
1,2-Dichloropropane	0.3946 0.3863	0.4215 0.3816	0.3825	0.3896	0.3744	Ave		0.3901				3.9		20.0			
Methyl methacrylate	0.1812 0.2740	0.2392 0.2847	0.2423	0.2611	0.2685	Ave		0.2502				13.8		20.0			
Dibromomethane	0.1973 0.2578	0.2442 0.2567	0.2588	0.2505	0.2442	Ave		0.2442				8.8		20.0			
1,4-Dioxane (P-Dioxane)	+++++ 0.0034	0.0035 0.0035	0.0031	0.0037	0.0035	Ave		0.0034				6.5		20.0			
Bromodichloromethane	0.4945 0.5562	0.5205 0.5433	0.5235	0.5323	0.5322	Ave		0.5289				3.7		20.0			
2-Nitropropane	0.0981 0.1167	0.1118 0.1276	0.1148	0.1114	0.1052	Ave		0.1122				8.2		20.0			
2-Chloroethyl vinyl ether	0.1644 0.2378	0.1932 0.2480	0.1900	0.2128	0.2155	Ave		0.2088				13.8		20.0			
cis-1,3-Dichloropropene	0.4473 0.6371	0.5600 0.6314	0.5490	0.5646	0.5892	Ave		0.5684				11.2		20.0			
4-Methyl-2-pentanone	0.2395 0.3104	0.2955 0.3203	0.3091	0.3237	0.3096	Ave		0.3012				9.5		20.0			
Toluene	1.1765 1.1711	1.2655 1.1654	1.1570	1.1517	1.0898	Ave		1.1681				4.4		20.0			
trans-1,3-Dichloropropene	0.5517 0.6796	0.6331 0.6909	0.5998	0.6251	0.6232	Ave		0.6291				7.5		20.0			
Ethyl methacrylate	0.3729 0.5475	0.4910 0.5633	0.4624	0.4998	0.5006	Ave		0.4911				12.7		20.0			
1,1,2-Trichloroethane	0.3480 0.3384	0.3573 0.3350	0.3452	0.3430	0.3266	Ave		0.3419				2.9		20.0			
Tetrachloroethene	0.3984 0.4424	0.4438 0.4426	0.4364	0.4359	0.4062	Ave		0.4294				4.4		20.0			
1,3-Dichloropropane	0.6131 0.6779	0.7418 0.6936	0.6711	0.6768	0.6525	Ave		0.6752				5.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1 Analy Batch No.: 26284

SDG No.:

Instrument ID: A294 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2021 17:08 Calibration End Date: 10/12/2021 19:31 Calibration ID: 1763

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Hexanone	0.1705 0.2400	0.2462 0.2585	0.2425	0.2474	0.2355	Ave		0.2344				12.4		20.0			
Dibromochloromethane	0.3754 0.5066	0.4940 0.5117	0.4930	0.4894	0.4740	Ave		0.4777				9.8		20.0			
1,2-Dibromoethane	0.3358 0.4254	0.4360 0.4354	0.4002	0.4150	0.3961	Ave		0.4063				8.6		20.0			
1-Chlorohexane	0.8358 0.4131	0.4782 0.4107	0.4177	0.3988	0.3896	Lin1	0.3849	0.4020				6.8			0.9990		0.9900
Chlorobenzene	1.2931 1.3003	1.3352 1.2764	1.2651	1.2755	1.2316	Ave		1.2824				2.5		20.0			
1,1,1,2-Tetrachloroethane	0.4523 0.5104	0.5314 0.4993	0.4908	0.4982	0.4731	Ave		0.4936				5.2		20.0			
Ethylbenzene	1.7349 2.2062	2.0444 2.1798	1.9225	2.0568	2.0388	Ave		2.0262				7.9		20.0			
m,p-Xylenes	1.2312 1.7200	1.4645 1.6920	1.4470	1.6104	1.5911	Ave		1.5366				11.0		20.0			
o-Xylene	1.2164 1.7009	1.4256 1.6878	1.4155	1.5770	1.5886	Ave		1.5160				11.4		20.0			
Styrene	0.8954 1.3616	1.1242 1.3506	1.1329	1.2743	1.2926	Ave		1.2045				13.8		20.0			
Bromoform	0.2486 0.3273	0.3082 0.3359	0.3043	0.3162	0.3040	Ave		0.3064				9.2		20.0			
Isopropylbenzene	1.4491 2.1289	1.6904 2.0962	1.7240	1.9217	1.9433	Ave		1.8505				13.1		20.0			
Cyclohexanone	0.0060 0.0103	0.0083 0.0114	0.0093	0.0105	0.0096	Ave		0.0094				19.1		20.0			
1,1,2,2-Tetrachloroethane	0.9857 0.9189	1.1248 0.9705	0.9588	0.9372	0.8409	Ave		0.9624				8.9		20.0			
Bromobenzene	1.0369 1.1375	1.2432 1.1534	1.0446	1.0705	1.0383	Ave		1.1035				7.1		20.0			
1,2,3-Trichloropropane	1.1678 1.2089	1.3364 1.2801	1.1905	1.1397	1.1033	Ave		1.2038				6.7		20.0			
trans-1,4-Dichloro-2-butene	+++++ 0.2572	0.2325 0.2796	0.2234	0.2335	0.2145	Ave		0.2391				9.2		20.0			
N-Propylbenzene	4.0119 5.1781	4.8654 5.1004	4.2902	4.5844	4.6002	Ave		4.6615				9.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1 Analy Batch No.: 26284

SDG No.:

Instrument ID: A294 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2021 17:08 Calibration End Date: 10/12/2021 19:31 Calibration ID: 1763

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Chlorotoluene	3.2976 3.4877	3.4127 3.4529	3.0359	3.2206	3.1062	Ave		3.2876				5.3		20.0			
1,3,5-Trimethylbenzene	3.0202 4.3031	3.9706 4.3076	3.6160	3.9694	3.8572	Ave		3.8635				11.5		20.0			
4-Ethyltoluene	2.6928 3.7373	3.4092 3.7495	3.2368	3.5118	3.3469	Ave		3.3835				10.6		20.0			
4-Chlorotoluene	3.0654 3.5014	3.6106 3.5014	3.1380	3.2991	3.0900	Ave		3.3151				6.8		20.0			
tert-Butylbenzene	2.3101 3.1480	2.8888 3.1833	2.6175	2.7404	2.7929	Ave		2.8116				10.8		20.0			
1,2,4-Trimethylbenzene	2.5839 3.6865	3.0054 3.6794	2.9489	3.3562	3.3151	Ave		3.2251				12.5		20.0			
sec-Butylbenzene	3.1720 4.4660	4.1106 4.4707	3.7049	4.0174	3.9345	Ave		3.9823				11.4		20.0			
1,3-Dichlorobenzene	1.9583 2.0464	2.2765 2.0468	1.9347	1.9407	1.7994	Ave		2.0004				7.4		20.0			
p-Cymene (p-Isopropyltoluene)	2.3702 3.9625	3.3039 3.9628	3.1134	3.5027	3.5100	Ave		3.3894				16.2		20.0			
1,4-Dichlorobenzene	1.9172 2.0405	2.3212 2.0539	1.9760	1.9380	1.8518	Ave		2.0141				7.6		20.0			
Dicyclopentadiene	3.7589 4.2089	4.2687 4.2227	3.7518	3.9821	3.7853	Ave		3.9969				5.9		20.0			
Benzyl chloride	+++++ 0.3334	0.3027 0.3603	0.2733	0.3068	0.2861	Ave		0.3065				10.0		20.0			
n-Butylbenzene	2.4434 3.2355	3.0719 3.2776	2.7494	2.9199	2.8593	Ave		2.9367				9.9		20.0			
1,2-Dichlorobenzene	1.6928 1.8154	1.9292 1.8706	1.7573	1.7447	1.6354	Ave		1.7779				5.7		20.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.1483	0.1453 +++++	0.1451	0.1275	0.1238	Lin1	-0.053	0.1402				10.4			0.9920		0.9900
1,2,4-Trichlorobenzene	0.4792 0.7098	0.6056 0.8276	0.5675	0.6088	0.5926	Ave		0.6273				17.8		20.0			
Hexachlorobutadiene	+++++ 0.4123	0.4134 0.4396	0.3480	0.3904	0.3624	Ave		0.3943				8.7		20.0			
Naphthalene	+++++ 1.0517	0.7942 1.3147	0.7468	0.8015	0.8192	Qua	2.0938	0.5187	0.0051997			18.3			1.0000		0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1 Analy Batch No.: 26284

SDG No.:

Instrument ID: A294 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2021 17:08 Calibration End Date: 10/12/2021 19:31 Calibration ID: 1763

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2,3-Trichlorobenzene	+++++ 0.4747	0.4315 0.5437	0.3990	0.3946	0.3964	Ave		0.4400				13.5		20.0			
2-Methylnaphthalene	+++++ 0.1541	+++++ 0.1742	0.0969	0.1175	0.1182	Qua	-0.079	0.1041	0.0004757			11.8			0.9990		0.9900
1-Methylnaphthalene	+++++ 0.1234	+++++ 0.1509	0.0836	0.0870	0.0926	Qua	0.1094	0.0644	0.0005724			8.1			1.0000		0.9900
Dibromofluoromethane (Surr)	0.4906 0.4702	0.4940 0.4646	0.4743	0.4674	0.4745	Ave		0.4765				2.4		20.0			
1,2-Dichloroethane-d4 (Surr)	0.3707 0.3648	0.3675 0.3570	0.3632	0.3497	0.3528	Ave		0.3608				2.2		20.0			
Toluene-d8 (Surr)	1.4218 1.3763	1.4567 1.3863	1.4157	1.4125	1.3556	Ave		1.4036				2.4		20.0			
4-Bromofluorobenzene (Surr)	0.9655 0.9834	0.9855 0.9735	0.9647	0.9720	0.9425	Ave		0.9696				1.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1 Analy Batch No.: 26284

SDG No.:

Instrument ID: A294 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2021 17:08 Calibration End Date: 10/12/2021 19:31 Calibration ID: 1763

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-26284/2	T17905.D
Level 2	IC 860-26284/3	T17906.D
Level 3	IC 860-26284/4	T17907.D
Level 4	IC 860-26284/5	T17908.D
Level 5	ICIS 860-26284/6	T17909.D
Level 6	IC 860-26284/7	T17910.D
Level 7	IC 860-26284/9	T17912.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Propene	PFB	Lin1	+++++ 108112	11781 151692	16725	30353	55810	+++++ 100	5.00 150	10.0	25.0	50.0
Dichlorodifluoromethane	PFB	Ave	2204 186882	11576 264873	20698	47187	95066	1.00 100	5.00 150	10.0	25.0	50.0
Chloromethane	PFB	Ave	2152 150566	9389 221389	17373	37543	74488	1.00 100	5.00 150	10.0	25.0	50.0
Vinyl chloride	PFB	Ave	1979 141008	9930 204386	15699	36054	70645	1.00 100	5.00 150	10.0	25.0	50.0
1,3-Butadiene	PFB	Ave	1446 112140	7333 161706	12876	27216	55445	1.00 100	5.00 150	10.0	25.0	50.0
Ethylene oxide	PFB	Ave	+++++ 79500	5469 100135	9805	21063	41137	+++++ 500	25.0 750	50.0	125	250
Bromomethane	PFB	Ave	1040 92641	5297 117986	9729	23055	46907	1.00 100	5.00 150	10.0	25.0	50.0
Chloroethane	PFB	Ave	1167 81958	5708 115097	8990	22037	40009	1.00 100	5.00 150	10.0	25.0	50.0
Trichlorofluoromethane	PFB	Ave	3317 252392	15206 371847	26980	64168	125745	1.00 100	5.00 150	10.0	25.0	50.0
Diethyl ether	PFB	Ave	709 71209	4627 109466	7630	17776	35682	1.00 100	5.00 150	10.0	25.0	50.0
Acrolein	PFB	Ave	813 85548	5291 137391	8863	22114	45102	5.00 500	25.0 750	50.0	125	250
1,1-Dichloroethene	PFB	Lin1	605 112932	7208 165643	11895	28360	56657	1.00 100	5.00 150	10.0	25.0	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	PFB	Ave	1169 110335	6948 156841	11755	28112	55207	1.00 100	5.00 150	10.0	25.0	50.0

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RESPONSE AND CONCENTRATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1 Analy Batch No.: 26284

SDG No.:

Instrument ID: A294 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2021 17:08 Calibration End Date: 10/12/2021 19:31 Calibration ID: 1763

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Acetone	PFB	Ave	734 48046	3994 76926	6320	14427	26695	5.00 500	25.0 750	50.0	125	250
Iodomethane (Methyl Iodide)	PFB	Lin1	+++++ 139513	4518 200801	9069	25560	59422	+++++ 100	5.00 150	10.0	25.0	50.0
Isopropyl alcohol	PFB	Ave	783 57043	4390 90573	7269	17204	30520	10.0 1000	50.0 1500	100	250	500
Carbon disulfide	PFB	Ave	4402 348665	22272 496801	35959	90689	176071	1.00 100	5.00 150	10.0	25.0	50.0
Acetonitrile	PFB	Ave	636 62405	4102 90657	6246	16280	30244	10.0 1000	50.0 1500	100	250	500
Allyl Chloride (3-Chloropropene)	PFB	Ave	863 69380	4587 102734	7122	18336	35098	1.00 100	5.00 150	10.0	25.0	50.0
Methyl acetate	PFB	Ave	1659 147826	10754 234594	17127	38489	75127	2.00 200	10.0 300	20.0	50.0	100
Methylene Chloride	PFB	Ave	+++++ 126200	8554 181210	13924	32107	62161	+++++ 100	5.00 150	10.0	25.0	50.0
tert-Butyl alcohol	PFB	Ave	1107 109875	6725 175058	12508	30873	55465	10.0 1000	50.0 1500	100	250	500
Acrylonitrile	PFB	Ave	4198 388311	25211 606681	41887	102591	196132	10.0 1000	50.0 1500	100	250	500
trans-1,2-Dichloroethene	PFB	Ave	1517 128792	7680 188344	13999	32700	66477	1.00 100	5.00 150	10.0	25.0	50.0
MTBE	PFB	Ave	3753 383476	22113 573071	39327	95833	189141	1.00 100	5.00 150	10.0	25.0	50.0
n-Hexane	PFB	Ave	2089 188375	12244 274094	20288	48698	96123	1.00 100	5.00 150	10.0	25.0	50.0
1,1-Dichloroethane	PFB	Ave	3063 293931	17373 429650	31225	76584	149112	1.00 100	5.00 150	10.0	25.0	50.0
Vinyl acetate	PFB	Ave	19369 1934584	104265 2922696	193249	502761	985617	5.00 500	25.0 750	50.0	125	250
Isopropyl ether	PFB	Ave	4917 485872	27931 710816	49074	127656	247525	1.00 100	5.00 150	10.0	25.0	50.0
Chloroprene	PFB	Ave	2448 251783	13695 369761	25650	64538	128195	1.00 100	5.00 150	10.0	25.0	50.0
Ethyl tert-butyl ether	PFB	Ave	4094 474918	23768 717216	45583	115396	230629	1.00 100	5.00 150	10.0	25.0	50.0

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RESPONSE AND CONCENTRATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1 Analy Batch No.: 26284

SDG No.:

Instrument ID: A294 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2021 17:08 Calibration End Date: 10/12/2021 19:31 Calibration ID: 1763

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
cis-1,2-Dichloroethene	PFB	Ave	2737 254074	14251 377848	25901	65573	129341	1.00 100	5.00 150	10.0	25.0	50.0
2,2-Dichloropropane	PFB	Ave	2954 269417	14486 389053	26310	68440	136255	1.00 100	5.00 150	10.0	25.0	50.0
2-Butanone	PFB	Ave	942 100925	5328 158934	11334	27656	51746	5.00 500	25.0 750	50.0	125	250
Propane Nitrile (Propionitrile)	PFB	Ave	2230 210127	12987 327970	22703	59545	114512	10.0 1000	50.0 1500	100	250	500
Ethyl acetate	PFB	Ave	2502 293975	16459 459984	33209	77120	152716	2.00 200	10.0 300	20.0	50.0	100
Methacrylonitrile	PFB	Ave	6360 687400	39164 1040160	75419	182752	360651	10.0 1000	50.0 1500	100	250	500
Bromochloromethane	PFB	Ave	1426 128677	7457 180364	13466	33756	66939	1.00 100	5.00 150	10.0	25.0	50.0
Tetrahydrofuran	PFB	Ave	1163 78825	5200 124232	9381	19433	39837	2.00 200	10.0 300	20.0	50.0	100
Chloroform	PFB	Ave	3375 316883	18732 457606	33733	83979	162550	1.00 100	5.00 150	10.0	25.0	50.0
1,1,1-Trichloroethane	PFB	Lin1	92227 271458	101736 357366	104466	134149	180985	1.00 100	5.00 150	10.0	25.0	50.0
Cyclohexane	PFB	Ave	2505 237771	13647 340787	25119	61300	120891	1.00 100	5.00 150	10.0	25.0	50.0
1,1-Dichloropropene	PFB	Ave	2483 235030	13243 342551	24256	60230	119475	1.00 100	5.00 150	10.0	25.0	50.0
Carbon tetrachloride	PFB	Ave	2866 269982	14354 395097	28034	70249	137738	1.00 100	5.00 150	10.0	25.0	50.0
Isobutanol	DFBZ	Ave	1161 120692	7452 196647	13859	34320	63493	24.8 2480	124 3720	248	620	1240
Benzene	DFBZ	Ave	7377 673384	41658 987437	71324	179116	349126	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dichloroethane	DFBZ	Ave	2327 234190	13375 351835	25273	61680	120714	1.00 100	5.00 150	10.0	25.0	50.0
2,2,4-Trimethylpentane	DFBZ	Ave	4484 482293	26505 702360	49517	124340	251332	1.00 100	5.00 150	10.0	25.0	50.0
Tert-amyl methyl ether	DFBZ	Ave	4071 473514	22465 705508	45009	119917	238496	1.00 100	5.00 150	10.0	25.0	50.0

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FORM VI
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RESPONSE AND CONCENTRATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1 Analy Batch No.: 26284

SDG No.:

Instrument ID: A294 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2021 17:08 Calibration End Date: 10/12/2021 19:31 Calibration ID: 1763

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
n-Butanol	DFBZ	Ave	972 75188	4324 128787	7745	20067	38323	24.8 2480	124 3720	248	620	1240
Trichloroethene	DFBZ	Ave	2113 191940	11001 279673	20369	50382	97438	1.00 100	5.00 150	10.0	25.0	50.0
Methylcyclohexane	DFBZ	Ave	2835 283872	14927 414162	27166	70624	142391	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dichloropropane	DFBZ	Ave	1930 167811	10375 247355	17754	45091	87020	1.00 100	5.00 150	10.0	25.0	50.0
Methyl methacrylate	DFBZ	Ave	1773 238066	11778 369014	22495	60454	124824	2.00 200	10.0 300	20.0	50.0	100
Dibromomethane	DFBZ	Ave	965 111986	6010 166341	12011	28990	56765	1.00 100	5.00 150	10.0	25.0	50.0
1,4-Dioxane (P-Dioxane)	DFBZ	Ave	+++++ 29774	1716 45829	2895	8591	16229	+++++ 2000	100 3000	200	500	1000
Bromodichloromethane	DFBZ	Ave	2419 241612	12813 352108	24300	61607	123696	1.00 100	5.00 150	10.0	25.0	50.0
2-Nitropropane	CBNZ d5	Ave	786 86937	4409 139220	8893	21858	42487	2.00 200	10.0 300	20.0	50.0	100
2-Chloroethyl vinyl ether	DFBZ	Ave	804 103306	4755 160741	8821	24633	50077	1.00 100	5.00 150	10.0	25.0	50.0
cis-1,3-Dichloropropene	DFBZ	Ave	2188 276753	13785 409193	25482	65345	136937	1.00 100	5.00 150	10.0	25.0	50.0
4-Methyl-2-pentanone	DFBZ	Ave	5858 674232	36368 1038127	71728	187316	359785	5.00 500	25.0 750	50.0	125	250
Toluene	CBNZ d5	Ave	4713 436161	24954 635697	44830	113026	220012	1.00 100	5.00 150	10.0	25.0	50.0
trans-1,3-Dichloropropene	CBNZ d5	Ave	2210 253125	12483 376888	23240	61351	125810	1.00 100	5.00 150	10.0	25.0	50.0
Ethyl methacrylate	CBNZ d5	Ave	1494 203893	9682 307288	17916	49052	101065	1.00 100	5.00 150	10.0	25.0	50.0
1,1,2-Trichloroethane	CBNZ d5	Ave	1394	7045	13374	33662	65932	1.00	5.00	10.0	25.0	50.0

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1 Analy Batch No.: 26284

SDG No.:

Instrument ID: A294 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2021 17:08 Calibration End Date: 10/12/2021 19:31 Calibration ID: 1763

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			126018	182730				100	150			
Tetrachloroethene	CBNZ d5	Ave	1596 164773	8751 241428	16910	42775	82007	1.00 100	5.00 150	10.0	25.0	50.0
1,3-Dichloropropane	CBNZ d5	Ave	2456 252460	14627 378334	26001	66417	131735	1.00 100	5.00 150	10.0	25.0	50.0
2-Hexanone	CBNZ d5	Ave	3415 446983	24275 705083	46973	121382	237687	5.00 500	25.0 750	50.0	125	250
Dibromochloromethane	CBNZ d5	Ave	1504 188662	9741 279098	19103	48032	95694	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dibromoethane	CBNZ d5	Ave	1345 158420	8598 237506	15505	40727	79959	1.00 100	5.00 150	10.0	25.0	50.0
1-Chlorohexane	CBNZ d5	Lin1	3348 153866	9429 224053	16186	39134	78644	1.00 100	5.00 150	10.0	25.0	50.0
Chlorobenzene	CBNZ d5	Ave	5180 484297	26328 696240	49017	125176	248632	1.00 100	5.00 150	10.0	25.0	50.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	1812 190106	10478 272364	19015	48897	95500	1.00 100	5.00 150	10.0	25.0	50.0
Ethylbenzene	CBNZ d5	Ave	6950 821666	40313 1189023	74489	201850	411594	1.00 100	5.00 150	10.0	25.0	50.0
m,p-Xylenes	CBNZ d5	Ave	4932 640587	28879 922977	56067	158049	321213	1.00 100	5.00 150	10.0	25.0	50.0
o-Xylene	CBNZ d5	Ave	4873 633486	28112 920674	54846	154771	320713	1.00 100	5.00 150	10.0	25.0	50.0
Styrene	CBNZ d5	Ave	3587	22168	43897	125063	260960	1.00	5.00	10.0	25.0	50.0

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1 Analy Batch No.: 26284

SDG No.:

Instrument ID: A294 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2021 17:08 Calibration End Date: 10/12/2021 19:31 Calibration ID: 1763

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			507122	736755				100	150			
Bromoform	CBNZ d5	Ave	996 121907	6078 183222	11789	31035	61366	1.00 100	5.00 150	10.0	25.0	50.0
Isopropylbenzene	CBNZ d5	Ave	5805 792899	33332 1143437	66797	188593	392313	1.00 100	5.00 150	10.0	25.0	50.0
Cyclohexanone	CBNZ d5	Ave	1194 191989	8194 310936	18083	51720	97304	50.0 5000	250 7500	500	1250	2500
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	1656 162446	9348 246061	18203	46424	86476	1.00 100	5.00 150	10.0	25.0	50.0
Bromobenzene	DCBd 4	Ave	1742 201083	10332 292413	19832	53028	106783	1.00 100	5.00 150	10.0	25.0	50.0
1,2,3-Trichloropropane	DCBd 4	Ave	1962 213719	11107 324533	22602	56455	113459	1.00 100	5.00 150	10.0	25.0	50.0
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	+++++ 45476	1932 70892	4242	11566	22058	+++++ 100	5.00 150	10.0	25.0	50.0
N-Propylbenzene	DCBd 4	Ave	6740 915390	40437 1293107	81451	227084	473083	1.00 100	5.00 150	10.0	25.0	50.0
2-Chlorotoluene	DCBd 4	Ave	5540 616564	28363 875405	57637	159530	319443	1.00 100	5.00 150	10.0	25.0	50.0
1,3,5-Trimethylbenzene	DCBd 4	Ave	5074 760708	33000 1092117	68651	196624	396674	1.00 100	5.00 150	10.0	25.0	50.0
4-Ethyltoluene	DCBd 4	Ave	4524 660679	28334 950610	61451	173955	344199	1.00 100	5.00 150	10.0	25.0	50.0
4-Chlorotoluene	DCBd 4	Ave	5150	30008	59575	163420	317775	1.00	5.00	10.0	25.0	50.0

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1 Analy Batch No.: 26284

SDG No.:

Instrument ID: A294 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2021 17:08 Calibration End Date: 10/12/2021 19:31 Calibration ID: 1763

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			618991	887705				100	150			
tert-Butylbenzene	DCBd 4	Ave	3881 556508	24009 807069	49694	135742	287225	1.00 100	5.00 150	10.0	25.0	50.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	4341 651707	24978 932850	55985	166249	340923	1.00 100	5.00 150	10.0	25.0	50.0
sec-Butylbenzene	DCBd 4	Ave	5329 789500	34164 1133466	70339	199001	404624	1.00 100	5.00 150	10.0	25.0	50.0
1,3-Dichlorobenzene	DCBd 4	Ave	3290 361761	18920 518921	36730	96133	185055	1.00 100	5.00 150	10.0	25.0	50.0
p-Cymene (p-Isopropyltoluene)	DCBd 4	Ave	3982 700492	27459 1004694	59109	173505	360969	1.00 100	5.00 150	10.0	25.0	50.0
1,4-Dichlorobenzene	DCBd 4	Ave	3221 360723	19292 520733	37514	95996	190443	1.00 100	5.00 150	10.0	25.0	50.0
Dicyclopentadiene	DCBd 4	Ave	6315 744065	35478 1070572	71229	197252	389282	1.00 100	5.00 150	10.0	25.0	50.0
Benzyl chloride	DCBd 4	Ave	+++++ 58936	2516 91340	5189	15197	29426	+++++ 100	5.00 150	10.0	25.0	50.0
n-Butylbenzene	DCBd 4	Ave	4105 571970	25531 830977	52197	144637	294048	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dichlorobenzene	DCBd 4	Ave	2844 320923	16034 474246	33362	86421	168184	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Lin1	+++++ 26225	1208 +++++	2755	6316	12728	+++++ 100	5.00 +++++	10.0	25.0	50.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	805	5033	10775	30157	60943	1.00	5.00	10.0	25.0	50.0

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1 Analy Batch No.: 26284

SDG No.:

Instrument ID: A294 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2021 17:08 Calibration End Date: 10/12/2021 19:31 Calibration ID: 1763

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			125480	209828				100	150			
Hexachlorobutadiene	DCBd 4	Ave	+++++ 72884	3436 111445	6607	19336	37266	+++++ 100	5.00 150	10.0	25.0	50.0
Naphthalene	DCBd 4	Qua	+++++ 185916	6601 333324	14178	39704	84248	+++++ 100	5.00 150	10.0	25.0	50.0
1,2,3-Trichlorobenzene	DCBd 4	Ave	+++++ 83919	3586 137848	7575	19544	40765	+++++ 100	5.00 150	10.0	25.0	50.0
2-Methylnaphthalene	DCBd 4	Qua	+++++ 27247	+++++ 44170	1839	5822	12156	+++++ 100	+++++ 150	10.0	25.0	50.0
1-Methylnaphthalene	DCBd 4	Qua	+++++ 21812	+++++ 38247	1588	4311	9526	+++++ 100	+++++ 150	10.0	25.0	50.0
Dibromofluoromethane (Surr)	PFB	Ave	87125 72601	86201 72267	78132	76955	77161	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	DFBZ	Ave	90673 79249	90464 77119	84279	80959	82000	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	284771 256300	287234 252074	274266	277250	273668	50.0 50.0	50.0 50.0	50.0	50.0	50.0
4-Bromofluorobenzene (Surr)	DCBd 4	Ave	81107 86926	81904 82267	91573	96294	96925	50.0 50.0	50.0 50.0	50.0	50.0	50.0

Curve Type Legend

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Qua = Quadratic ISTD

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Calibration / Propene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

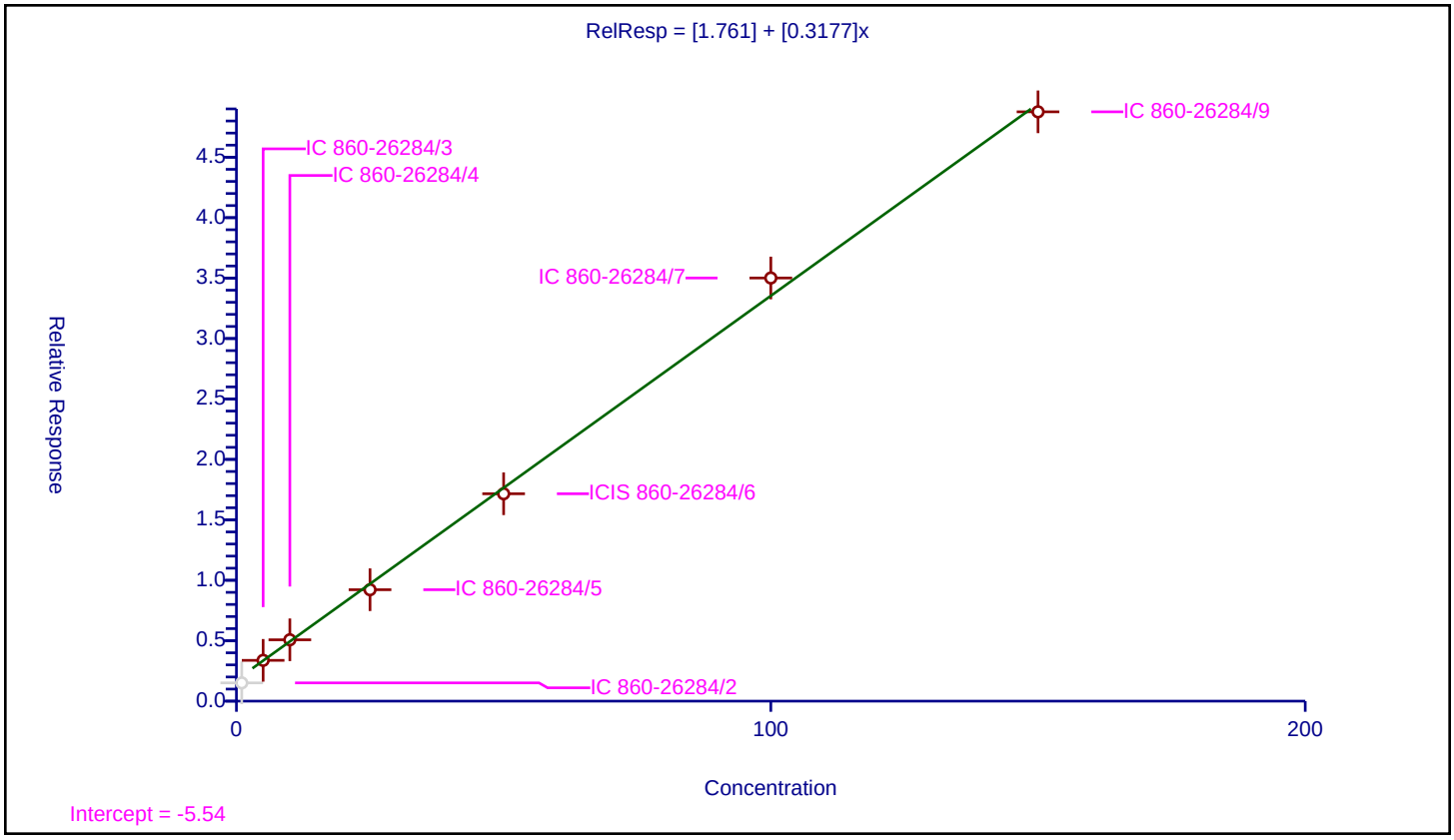
Curve Coefficients

Intercept:	1.761
Slope:	0.3177

Error Coefficients

Standard Error:	98900
Relative Standard Error:	4.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	1.511517	50.0	177603.0	1.511517	N
2	IC 860-26284/3	5.0	3.375548	50.0	174505.0	0.67511	Y
3	IC 860-26284/4	10.0	5.076705	50.0	164723.0	0.50767	Y
4	IC 860-26284/5	25.0	9.217935	50.0	164641.0	0.368717	Y
5	ICIS 860-26284/6	50.0	17.15837	50.0	162632.0	0.343167	Y
6	IC 860-26284/7	100.0	35.009682	50.0	154403.0	0.350097	Y
7	IC 860-26284/9	150.0	48.758317	50.0	155555.0	0.325055	Y



Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

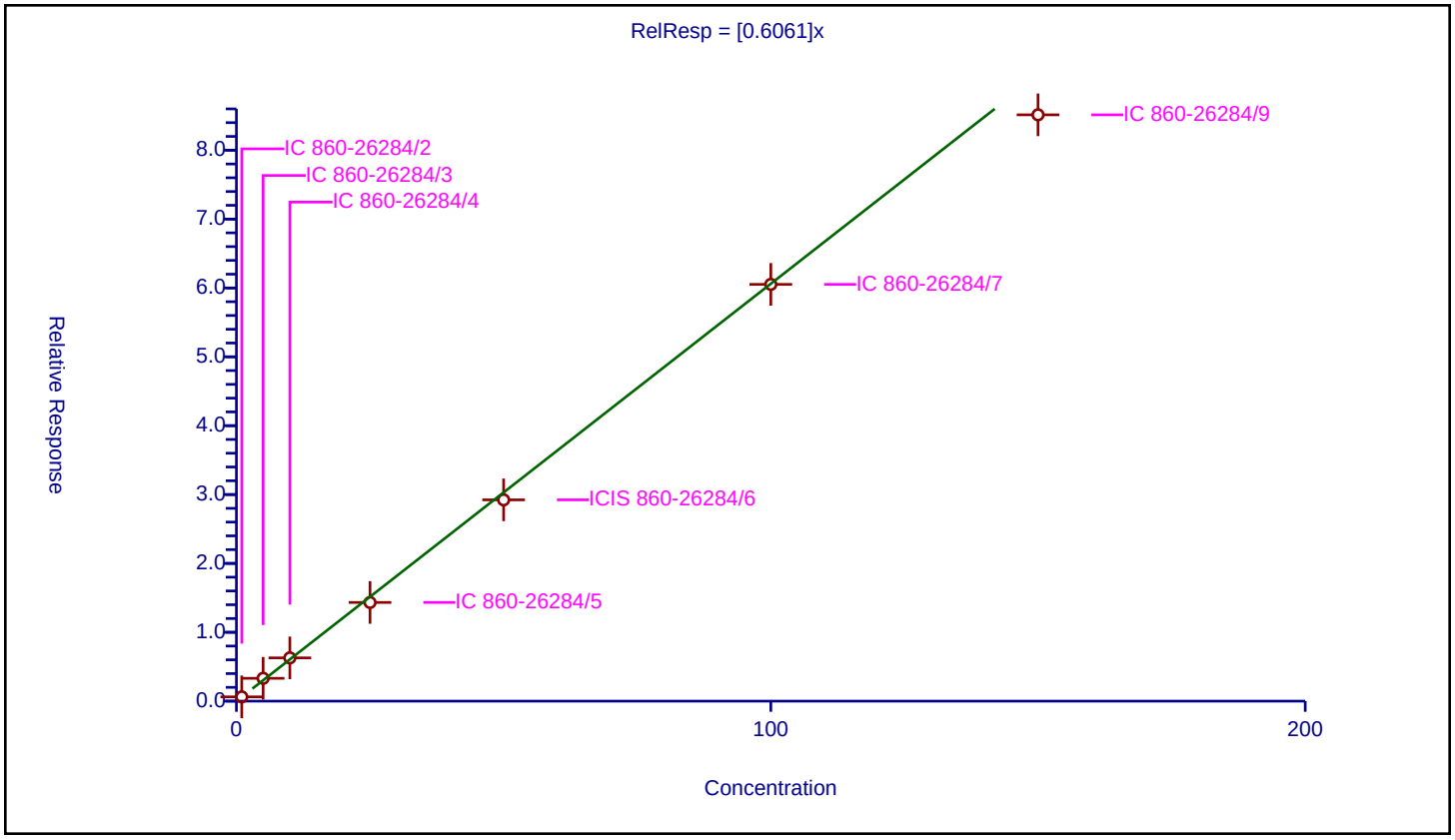
Curve Coefficients

Intercept:	0
Slope:	0.6061

Error Coefficients

Standard Error:	140000
Relative Standard Error:	5.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	0.620485	50.0	177603.0	0.620485	Y
2	IC 860-26284/3	5.0	3.31681	50.0	174505.0	0.663362	Y
3	IC 860-26284/4	10.0	6.282668	50.0	164723.0	0.628267	Y
4	IC 860-26284/5	25.0	14.33027	50.0	164641.0	0.573211	Y
5	ICIS 860-26284/6	50.0	29.227335	50.0	162632.0	0.584547	Y
6	IC 860-26284/7	100.0	60.517607	50.0	154403.0	0.605176	Y
7	IC 860-26284/9	150.0	85.138054	50.0	155555.0	0.567587	Y



Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

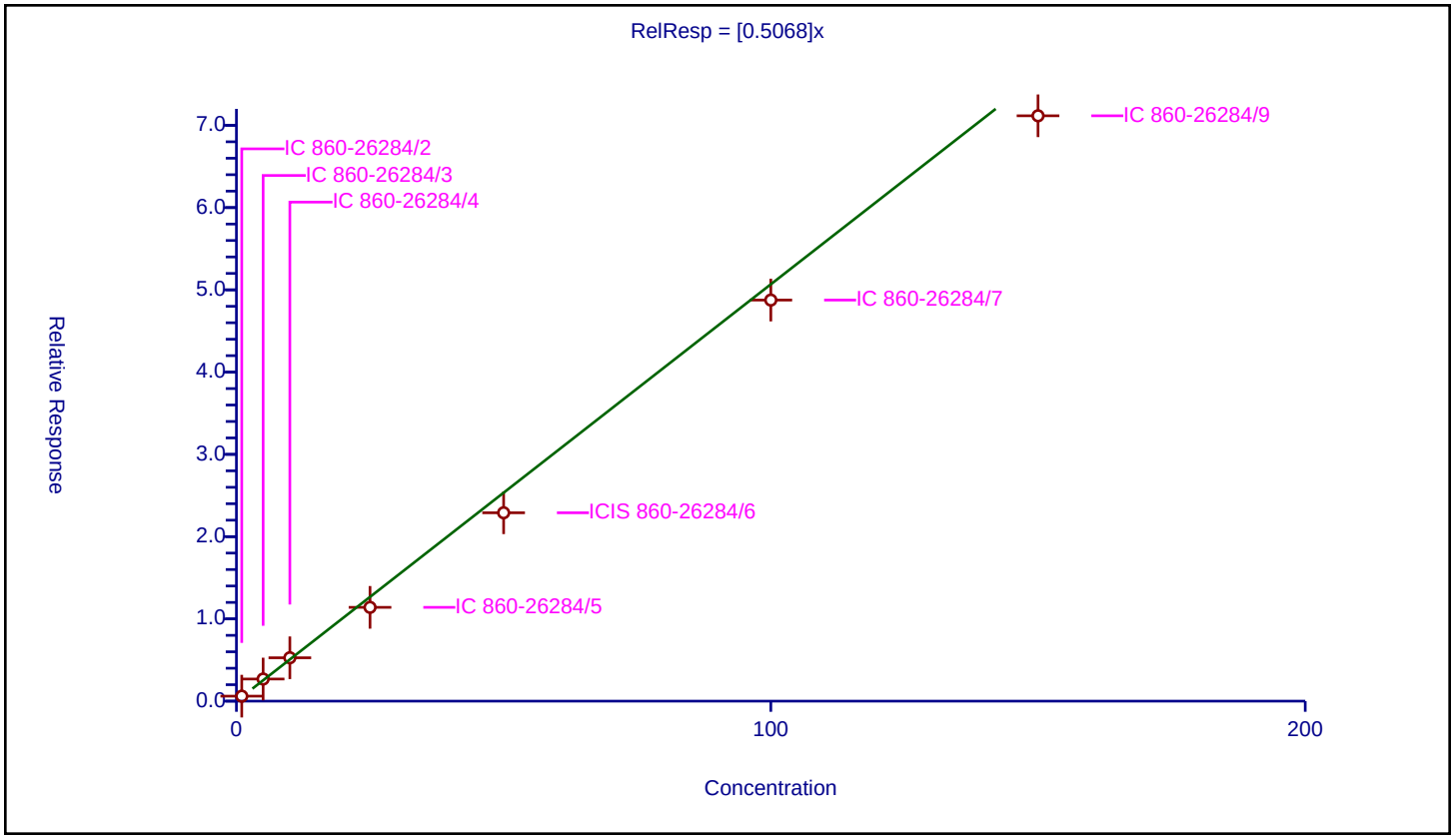
Curve Coefficients

Intercept:	0
Slope:	0.5068

Error Coefficients

Standard Error:	115000
Relative Standard Error:	10.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	0.605846	50.0	177603.0	0.605846	Y
2	IC 860-26284/3	5.0	2.690181	50.0	174505.0	0.538036	Y
3	IC 860-26284/4	10.0	5.273398	50.0	164723.0	0.52734	Y
4	IC 860-26284/5	25.0	11.401474	50.0	164641.0	0.456059	Y
5	ICIS 860-26284/6	50.0	22.900782	50.0	162632.0	0.458016	Y
6	IC 860-26284/7	100.0	48.757472	50.0	154403.0	0.487575	Y
7	IC 860-26284/9	150.0	71.161004	50.0	155555.0	0.474407	Y



Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

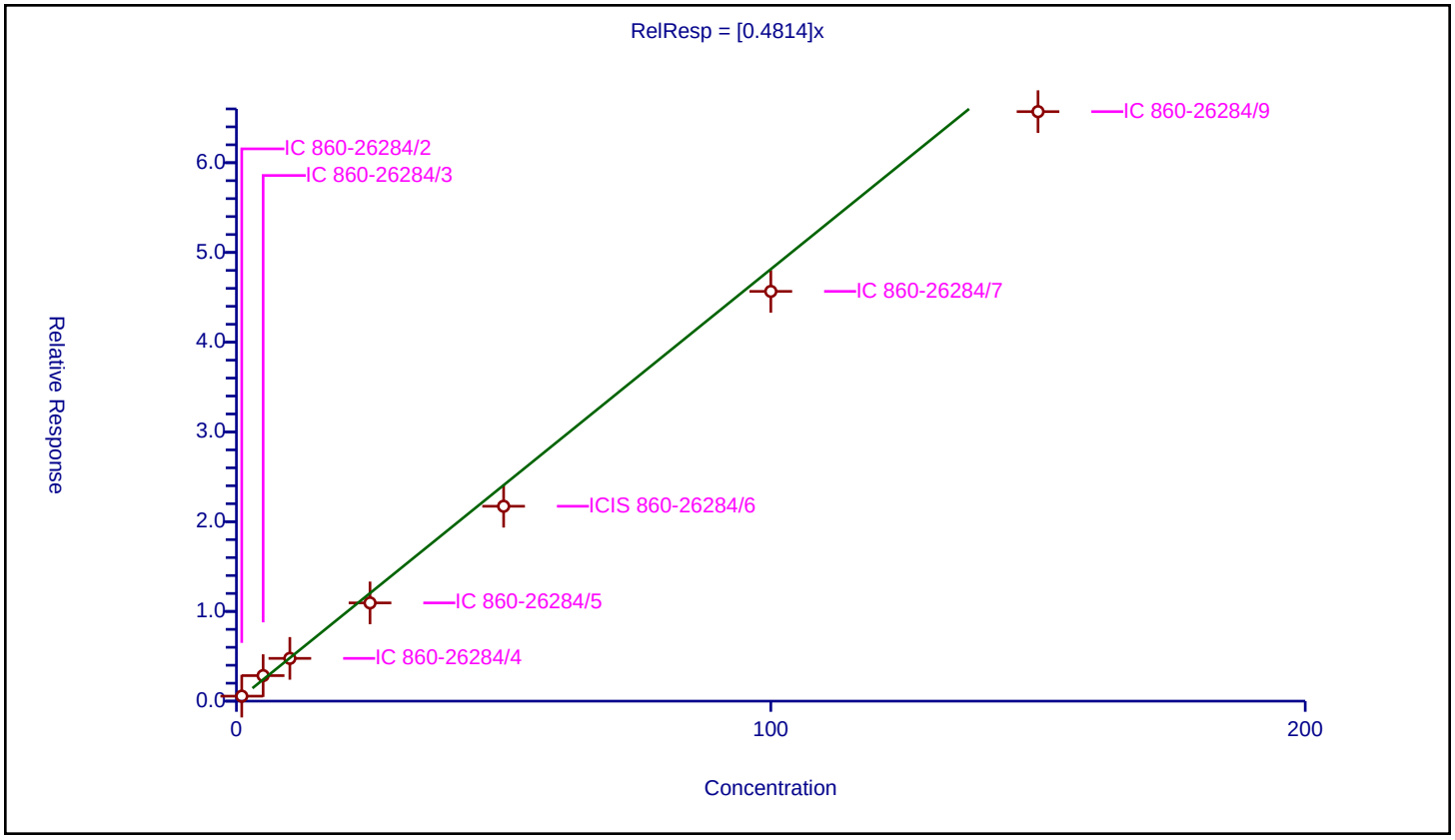
Curve Coefficients

Intercept:	0
Slope:	0.4814

Error Coefficients

Standard Error:	107000
Relative Standard Error:	12.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	0.557141	50.0	177603.0	0.557141	Y
2	IC 860-26284/3	5.0	2.845191	50.0	174505.0	0.569038	Y
3	IC 860-26284/4	10.0	4.765273	50.0	164723.0	0.476527	Y
4	IC 860-26284/5	25.0	10.949278	50.0	164641.0	0.437971	Y
5	ICIS 860-26284/6	50.0	21.71928	50.0	162632.0	0.434386	Y
6	IC 860-26284/7	100.0	45.662325	50.0	154403.0	0.456623	Y
7	IC 860-26284/9	150.0	65.695735	50.0	155555.0	0.437972	Y



Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

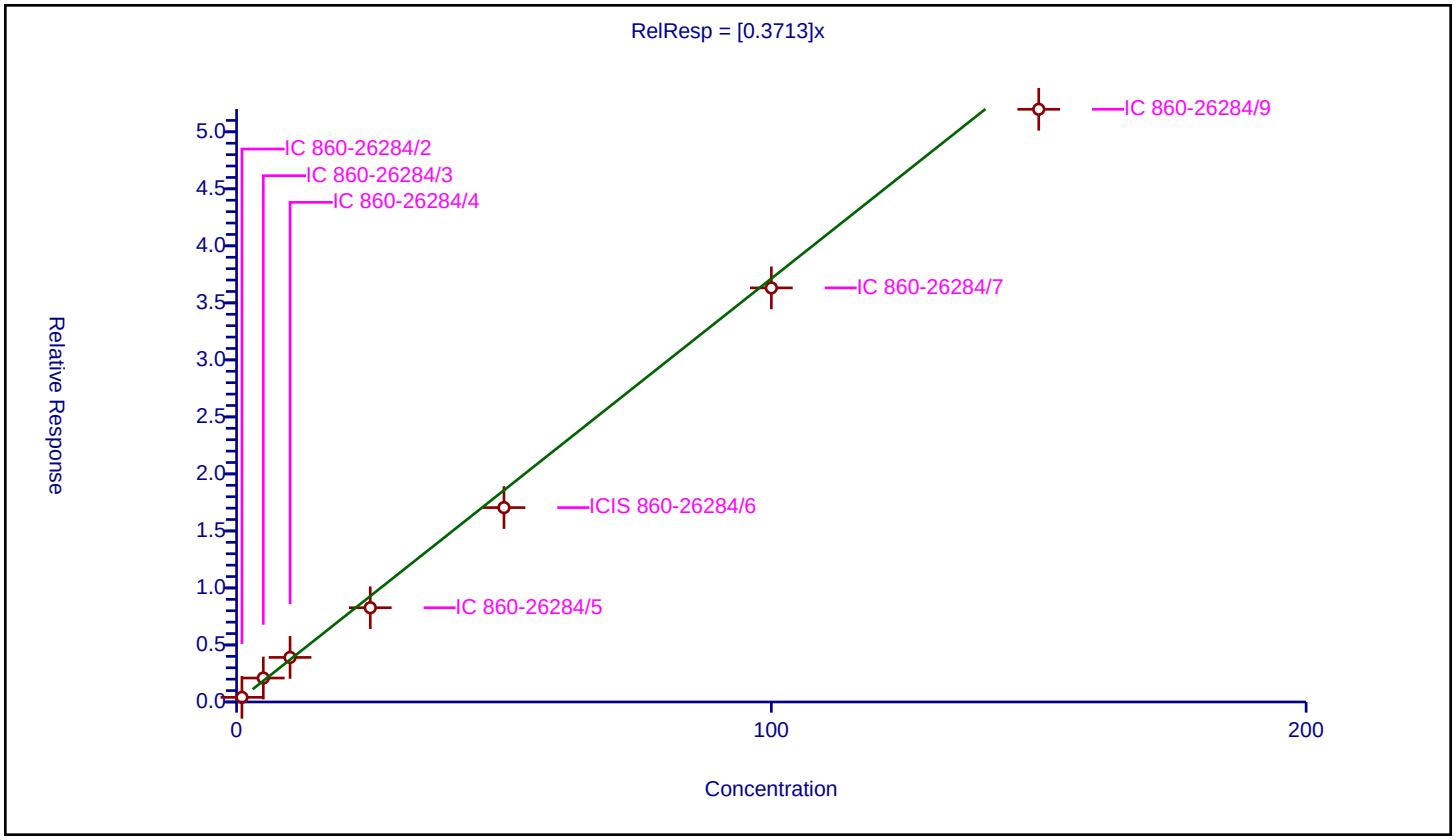
Curve Coefficients

Intercept:	0
Slope:	0.3713

Error Coefficients

Standard Error:	84400
Relative Standard Error:	9.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	0.407088	50.0	177603.0	0.407088	Y
2	IC 860-26284/3	5.0	2.101086	50.0	174505.0	0.420217	Y
3	IC 860-26284/4	10.0	3.90838	50.0	164723.0	0.390838	Y
4	IC 860-26284/5	25.0	8.265256	50.0	164641.0	0.33061	Y
5	ICIS 860-26284/6	50.0	17.046153	50.0	162632.0	0.340923	Y
6	IC 860-26284/7	100.0	36.314061	50.0	154403.0	0.363141	Y
7	IC 860-26284/9	150.0	51.977114	50.0	155555.0	0.346514	Y



Calibration / Ethylene oxide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

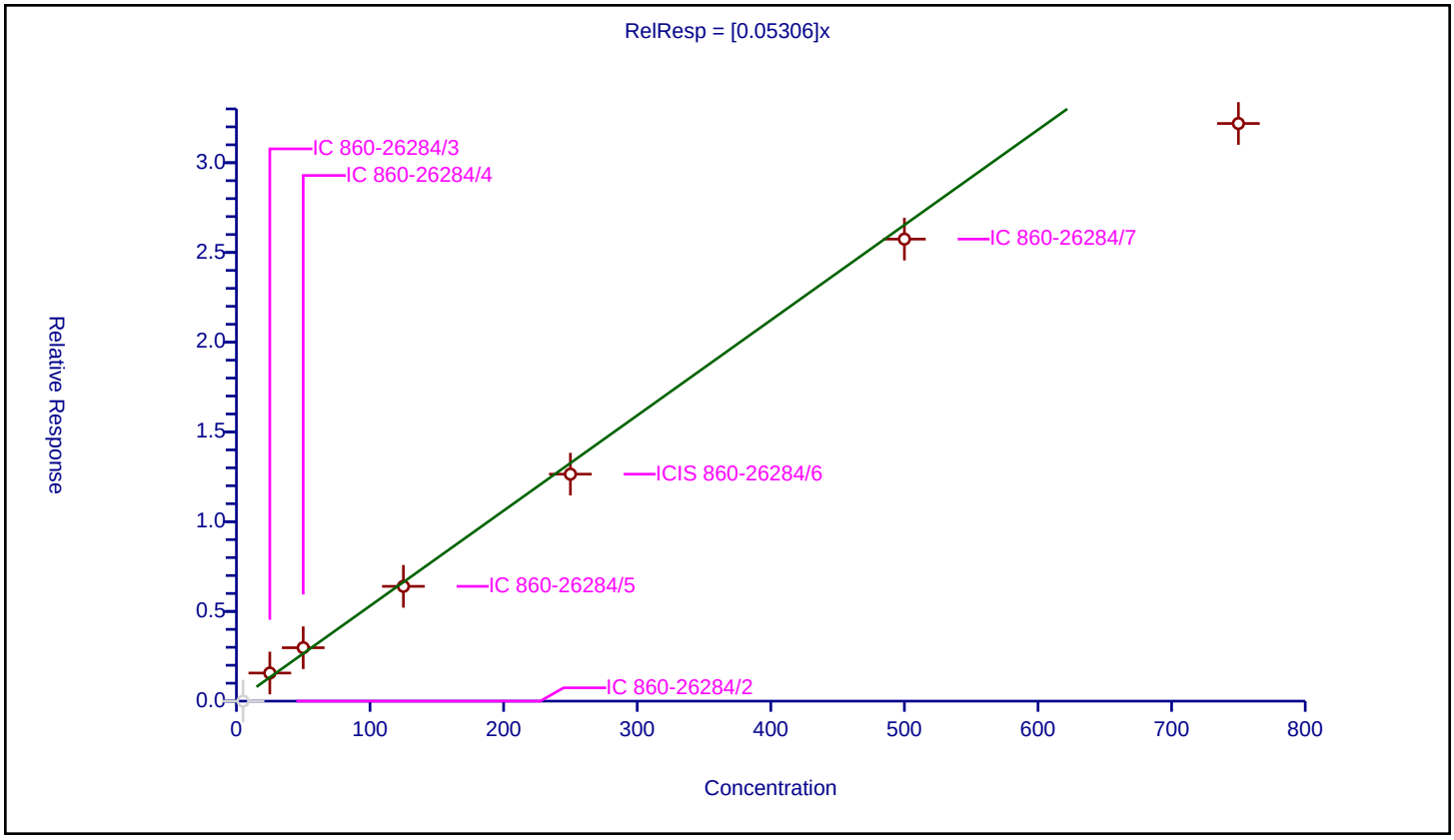
Curve Coefficients

Intercept:	0
Slope:	0.05306

Error Coefficients

Standard Error:	61000
Relative Standard Error:	13.3
Correlation Coefficient:	0.986
Coefficient of Determination (Adjusted):	0.967

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	5.0	0.0	50.0	177603.0	0.0	N
2	IC 860-26284/3	25.0	1.567004	50.0	174505.0	0.06268	Y
3	IC 860-26284/4	50.0	2.976209	50.0	164723.0	0.059524	Y
4	IC 860-26284/5	125.0	6.396645	50.0	164641.0	0.051173	Y
5	ICIS 860-26284/6	250.0	12.647265	50.0	162632.0	0.050589	Y
6	IC 860-26284/7	500.0	25.744318	50.0	154403.0	0.051489	Y
7	IC 860-26284/9	750.0	32.186365	50.0	155555.0	0.042915	Y



Calibration / Bromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

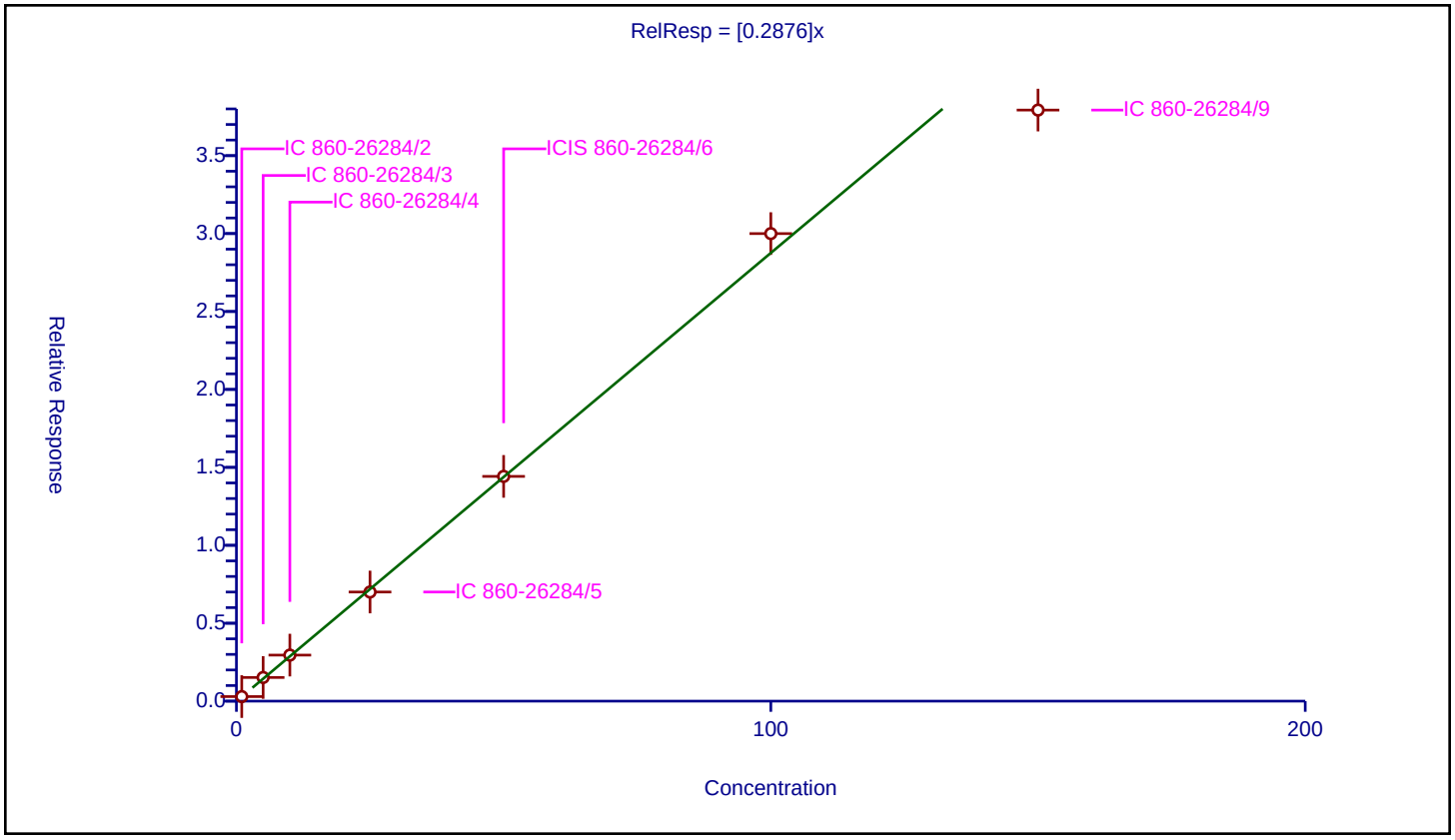
Curve Coefficients

Intercept:	0
Slope:	0.2876

Error Coefficients

Standard Error:	65000
Relative Standard Error:	6.0
Correlation Coefficient:	0.989
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	0.292788	50.0	177603.0	0.292788	Y
2	IC 860-26284/3	5.0	1.517722	50.0	174505.0	0.303544	Y
3	IC 860-26284/4	10.0	2.95314	50.0	164723.0	0.295314	Y
4	IC 860-26284/5	25.0	7.001597	50.0	164641.0	0.280064	Y
5	ICIS 860-26284/6	50.0	14.421209	50.0	162632.0	0.288424	Y
6	IC 860-26284/7	100.0	29.999741	50.0	154403.0	0.299997	Y
7	IC 860-26284/9	150.0	37.924207	50.0	155555.0	0.252828	Y



Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

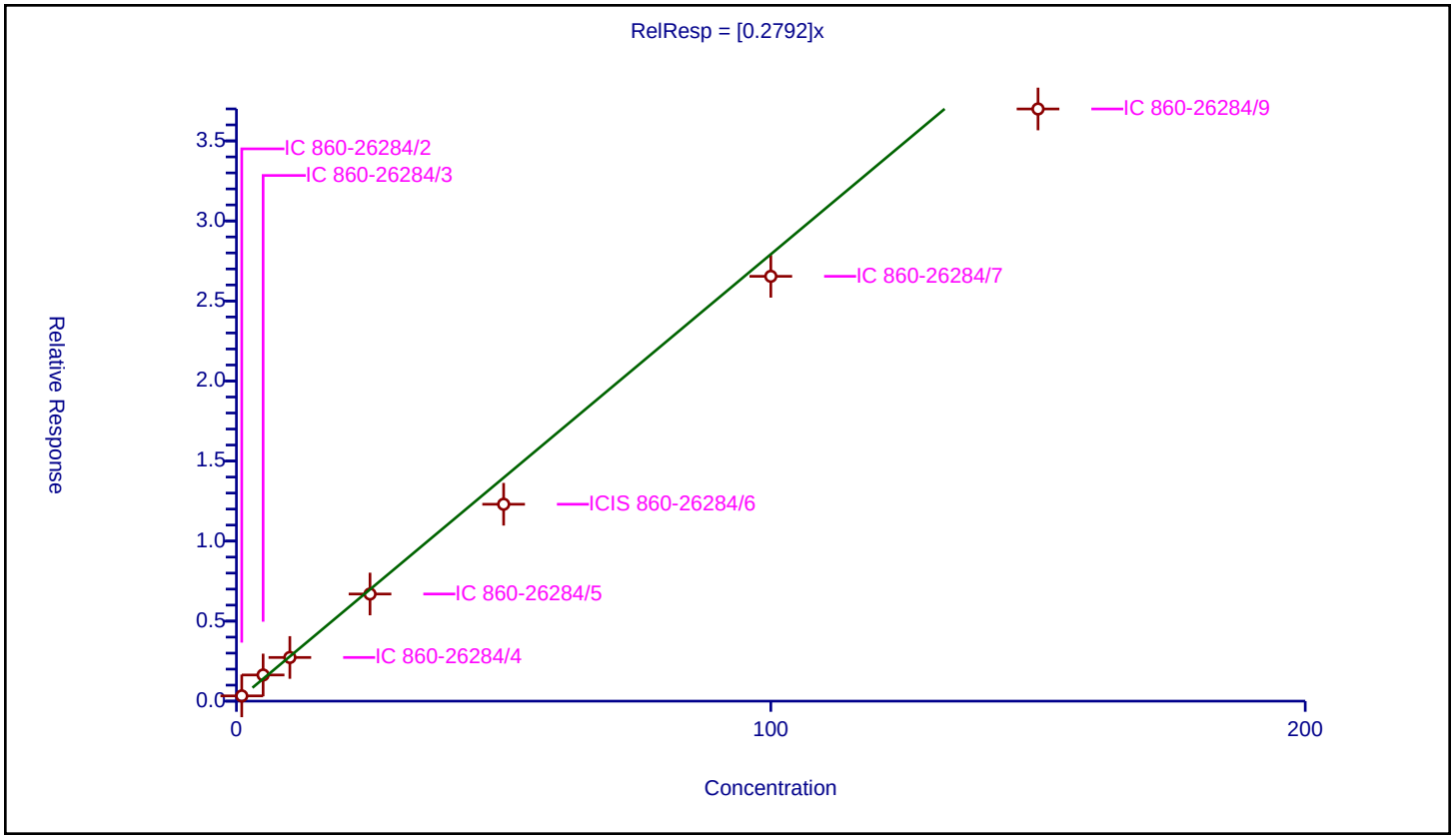
Curve Coefficients

Intercept:	0
Slope:	0.2792

Error Coefficients

Standard Error:	60800
Relative Standard Error:	12.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	0.328542	50.0	177603.0	0.328542	Y
2	IC 860-26284/3	5.0	1.635483	50.0	174505.0	0.327097	Y
3	IC 860-26284/4	10.0	2.728824	50.0	164723.0	0.272882	Y
4	IC 860-26284/5	25.0	6.69244	50.0	164641.0	0.267698	Y
5	ICIS 860-26284/6	50.0	12.30047	50.0	162632.0	0.246009	Y
6	IC 860-26284/7	100.0	26.540287	50.0	154403.0	0.265403	Y
7	IC 860-26284/9	150.0	36.995596	50.0	155555.0	0.246637	Y



Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

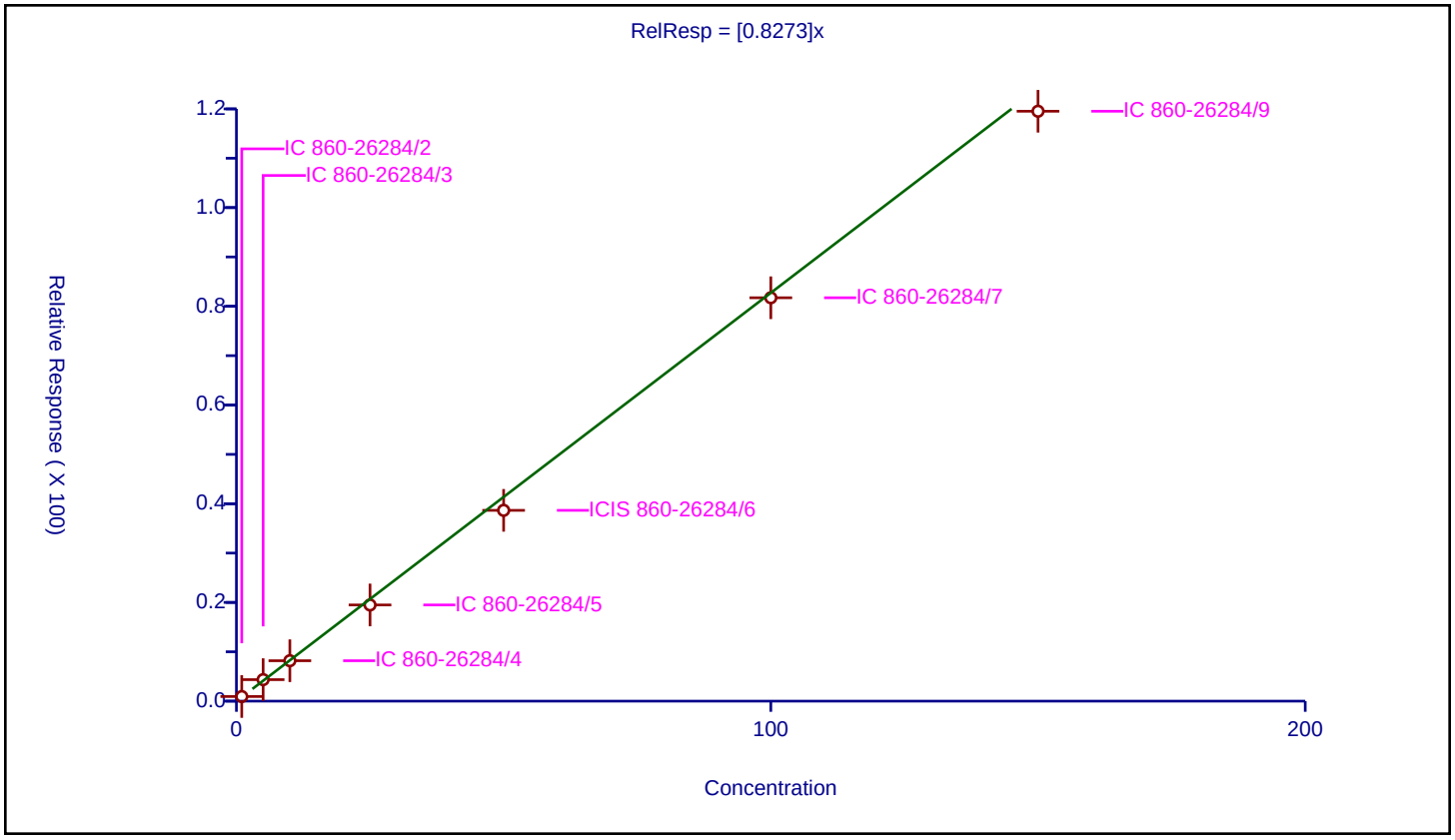
Curve Coefficients

Intercept:	0
Slope:	0.8273

Error Coefficients

Standard Error:	193000
Relative Standard Error:	6.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	0.933824	50.0	177603.0	0.933824	Y
2	IC 860-26284/3	5.0	4.356895	50.0	174505.0	0.871379	Y
3	IC 860-26284/4	10.0	8.189506	50.0	164723.0	0.818951	Y
4	IC 860-26284/5	25.0	19.487248	50.0	164641.0	0.77949	Y
5	ICIS 860-26284/6	50.0	38.659366	50.0	162632.0	0.773187	Y
6	IC 860-26284/7	100.0	81.731573	50.0	154403.0	0.817316	Y
7	IC 860-26284/9	150.0	119.522677	50.0	155555.0	0.796818	Y



Calibration / Ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

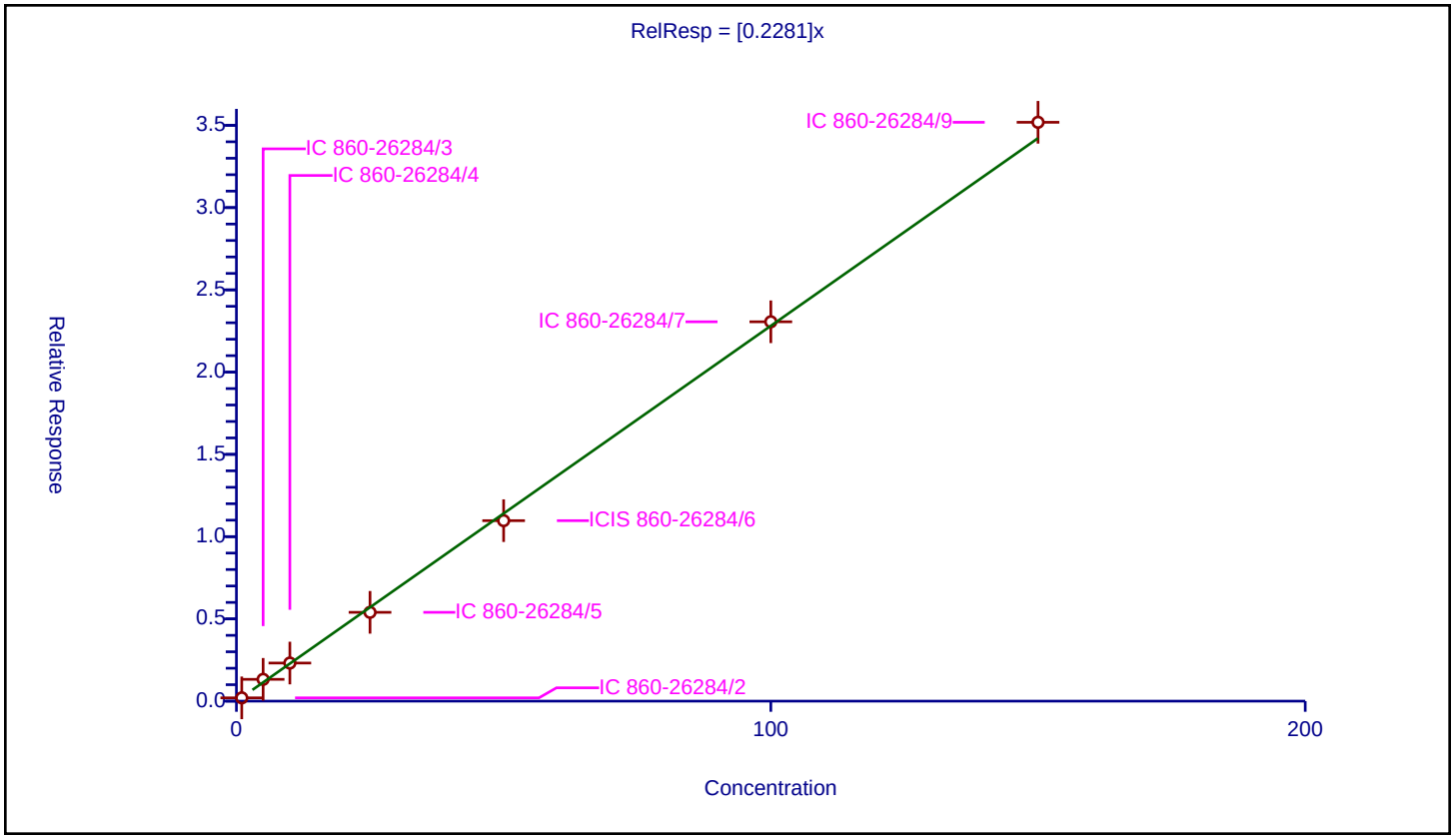
Curve Coefficients

Intercept:	0
Slope:	0.2281

Error Coefficients

Standard Error:	55800
Relative Standard Error:	8.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	0.199602	50.0	177603.0	0.199602	Y
2	IC 860-26284/3	5.0	1.32575	50.0	174505.0	0.26515	Y
3	IC 860-26284/4	10.0	2.316009	50.0	164723.0	0.231601	Y
4	IC 860-26284/5	25.0	5.398412	50.0	164641.0	0.215936	Y
5	ICIS 860-26284/6	50.0	10.970166	50.0	162632.0	0.219403	Y
6	IC 860-26284/7	100.0	23.059461	50.0	154403.0	0.230595	Y
7	IC 860-26284/9	150.0	35.185626	50.0	155555.0	0.234571	Y



Calibration / Acrolein

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

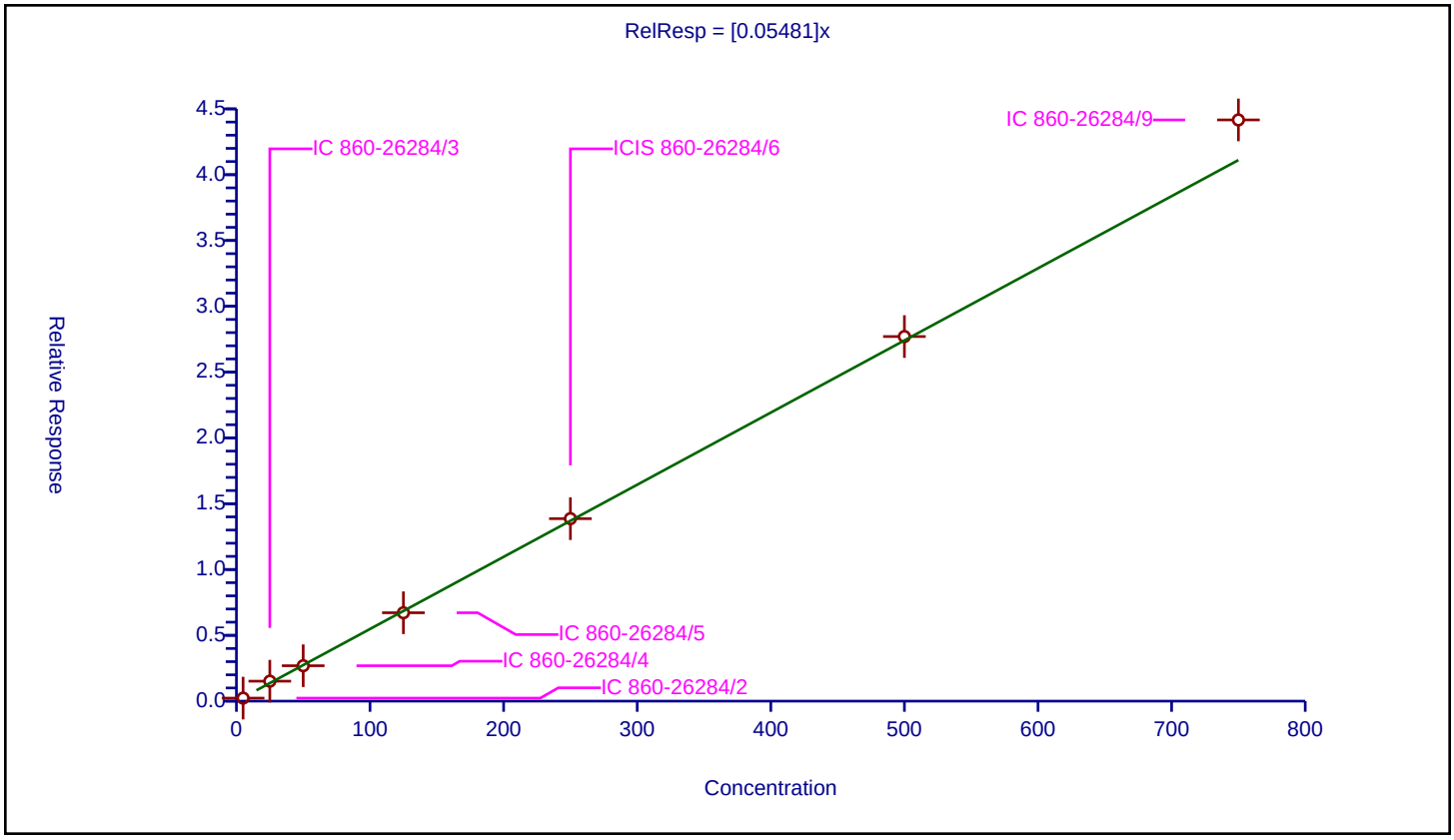
Curve Coefficients

Intercept:	0
Slope:	0.05481

Error Coefficients

Standard Error:	69300
Relative Standard Error:	8.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	5.0	0.228881	50.0	177603.0	0.045776	Y
2	IC 860-26284/3	25.0	1.516002	50.0	174505.0	0.06064	Y
3	IC 860-26284/4	50.0	2.690274	50.0	164723.0	0.053805	Y
4	IC 860-26284/5	125.0	6.715824	50.0	164641.0	0.053727	Y
5	ICIS 860-26284/6	250.0	13.866275	50.0	162632.0	0.055465	Y
6	IC 860-26284/7	500.0	27.70283	50.0	154403.0	0.055406	Y
7	IC 860-26284/9	750.0	44.161551	50.0	155555.0	0.058882	Y



Calibration / 1,1-Dichloroethene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

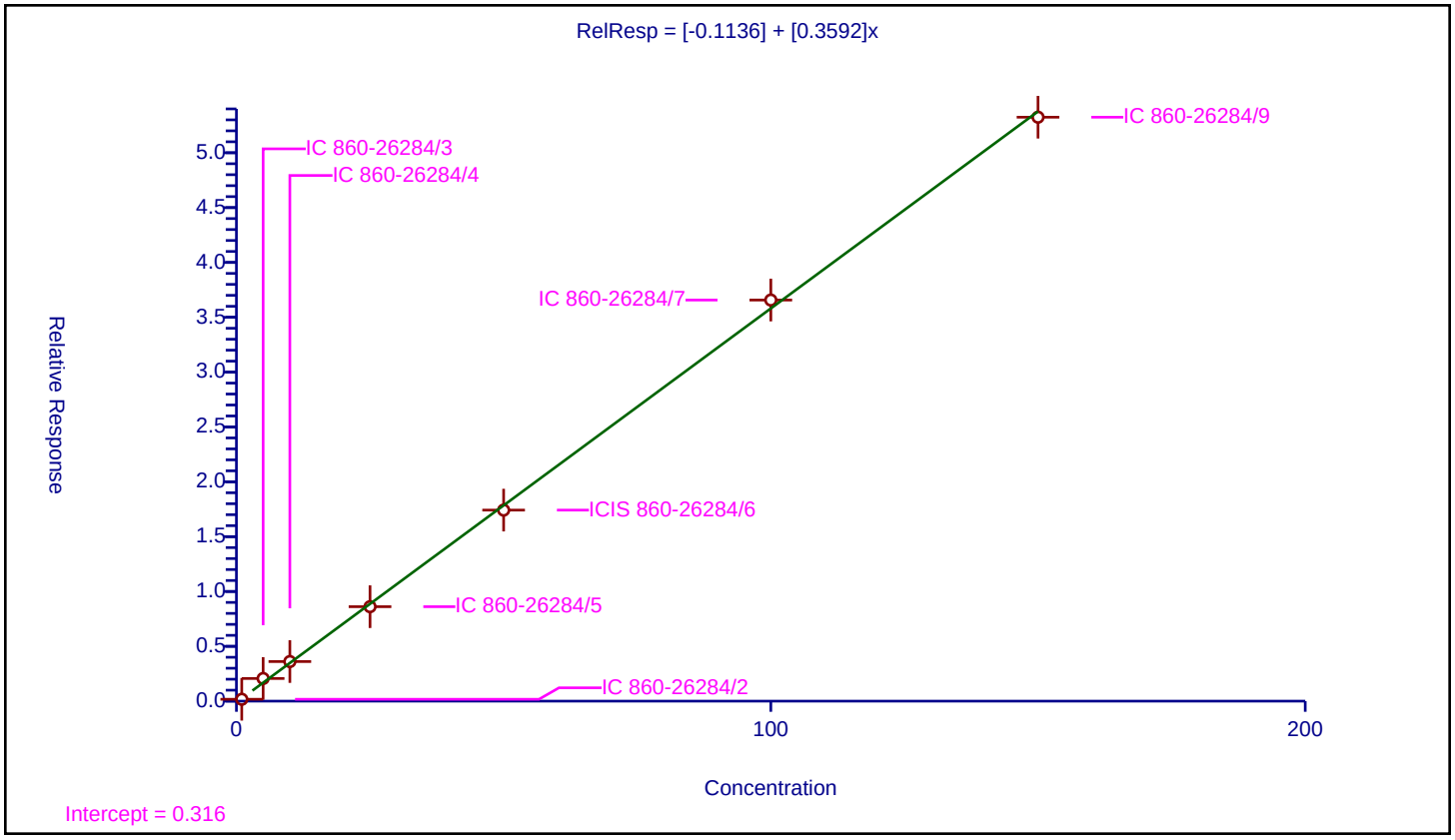
Curve Coefficients

Intercept:	-0.1136
Slope:	0.3592

Error Coefficients

Standard Error:	94200
Relative Standard Error:	13.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	0.170324	50.0	177603.0	0.170324	Y
2	IC 860-26284/3	5.0	2.06527	50.0	174505.0	0.413054	Y
3	IC 860-26284/4	10.0	3.610607	50.0	164723.0	0.361061	Y
4	IC 860-26284/5	25.0	8.612678	50.0	164641.0	0.344507	Y
5	ICIS 860-26284/6	50.0	17.418774	50.0	162632.0	0.348375	Y
6	IC 860-26284/7	100.0	36.570533	50.0	154403.0	0.365705	Y
7	IC 860-26284/9	150.0	53.242583	50.0	155555.0	0.354951	Y



Calibration / 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

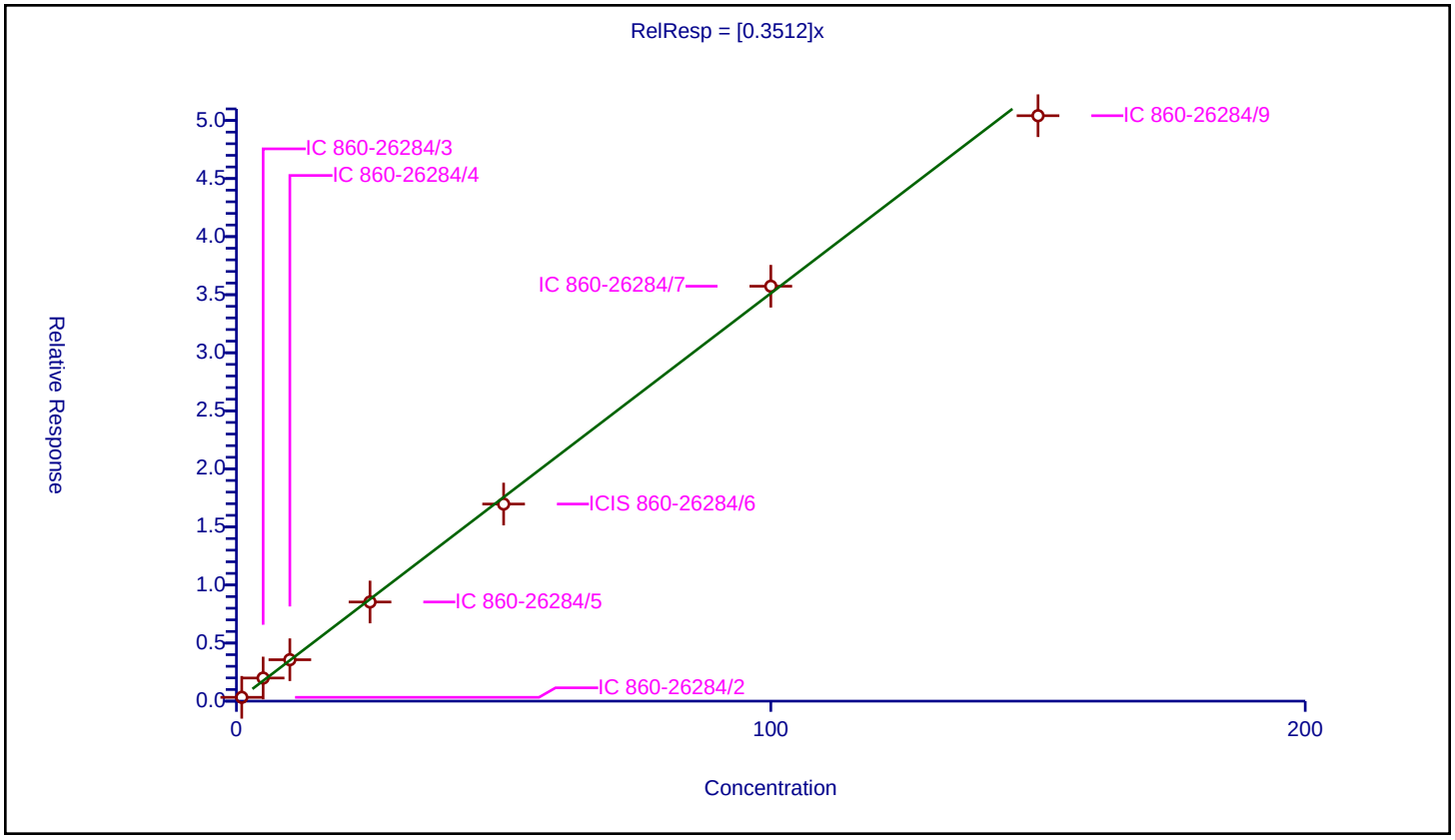
Curve Coefficients

Intercept:	0
Slope:	0.3512

Error Coefficients

Standard Error:	82400
Relative Standard Error:	6.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	0.329105	50.0	177603.0	0.329105	Y
2	IC 860-26284/3	5.0	1.990774	50.0	174505.0	0.398155	Y
3	IC 860-26284/4	10.0	3.568111	50.0	164723.0	0.356811	Y
4	IC 860-26284/5	25.0	8.537363	50.0	164641.0	0.341495	Y
5	ICIS 860-26284/6	50.0	16.972982	50.0	162632.0	0.33946	Y
6	IC 860-26284/7	100.0	35.729552	50.0	154403.0	0.357296	Y
7	IC 860-26284/9	150.0	50.413359	50.0	155555.0	0.336089	Y



Calibration / Acetone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

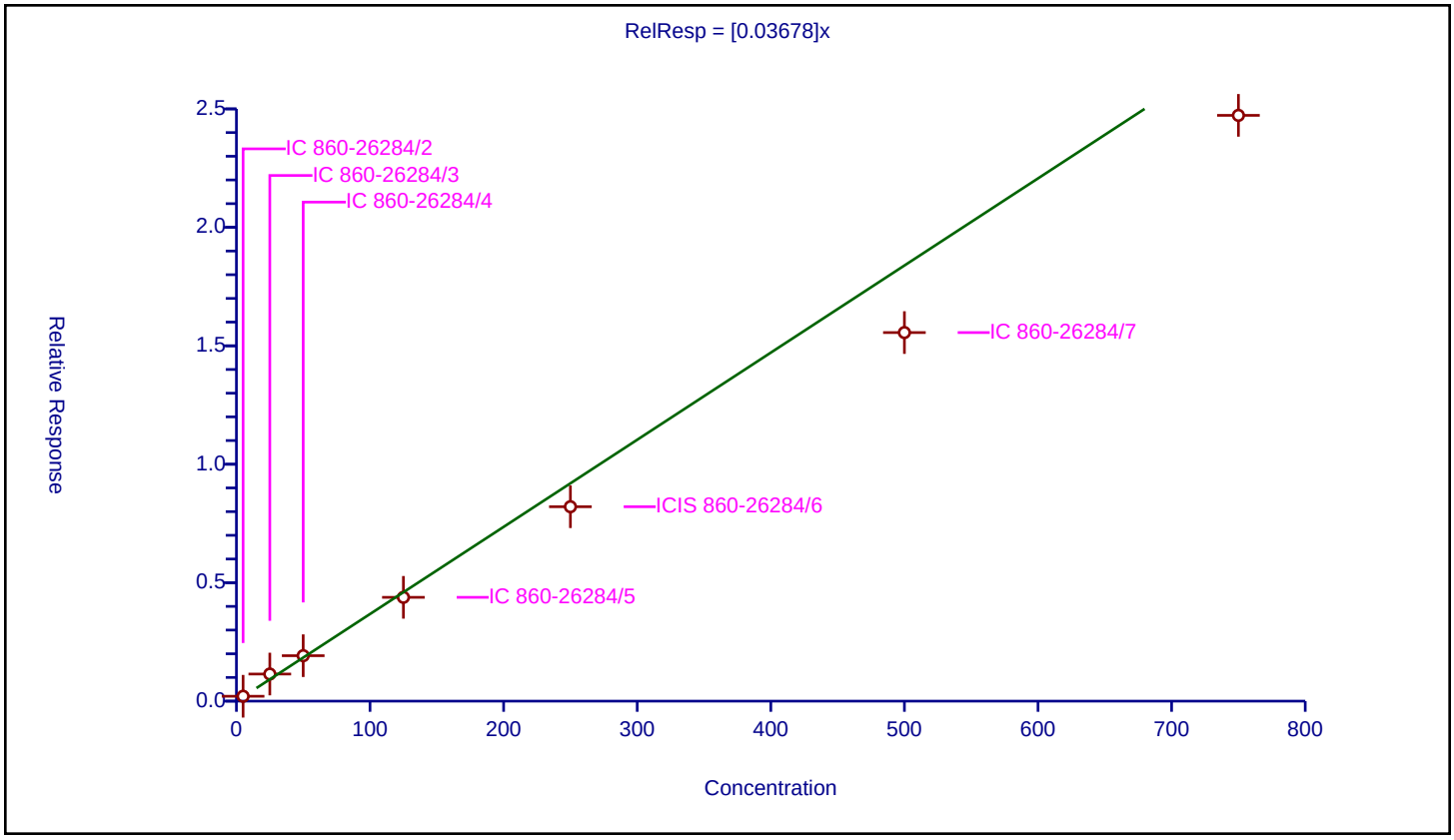
Curve Coefficients

Intercept:	0
Slope:	0.03678

Error Coefficients

Standard Error:	39200
Relative Standard Error:	14.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.974

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	5.0	0.206641	50.0	177603.0	0.041328	Y
2	IC 860-26284/3	25.0	1.14438	50.0	174505.0	0.045775	Y
3	IC 860-26284/4	50.0	1.918372	50.0	164723.0	0.038367	Y
4	IC 860-26284/5	125.0	4.381351	50.0	164641.0	0.035051	Y
5	ICIS 860-26284/6	250.0	8.207179	50.0	162632.0	0.032829	Y
6	IC 860-26284/7	500.0	15.558636	50.0	154403.0	0.031117	Y
7	IC 860-26284/9	750.0	24.726303	50.0	155555.0	0.032968	Y



Calibration / Iodomethane

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

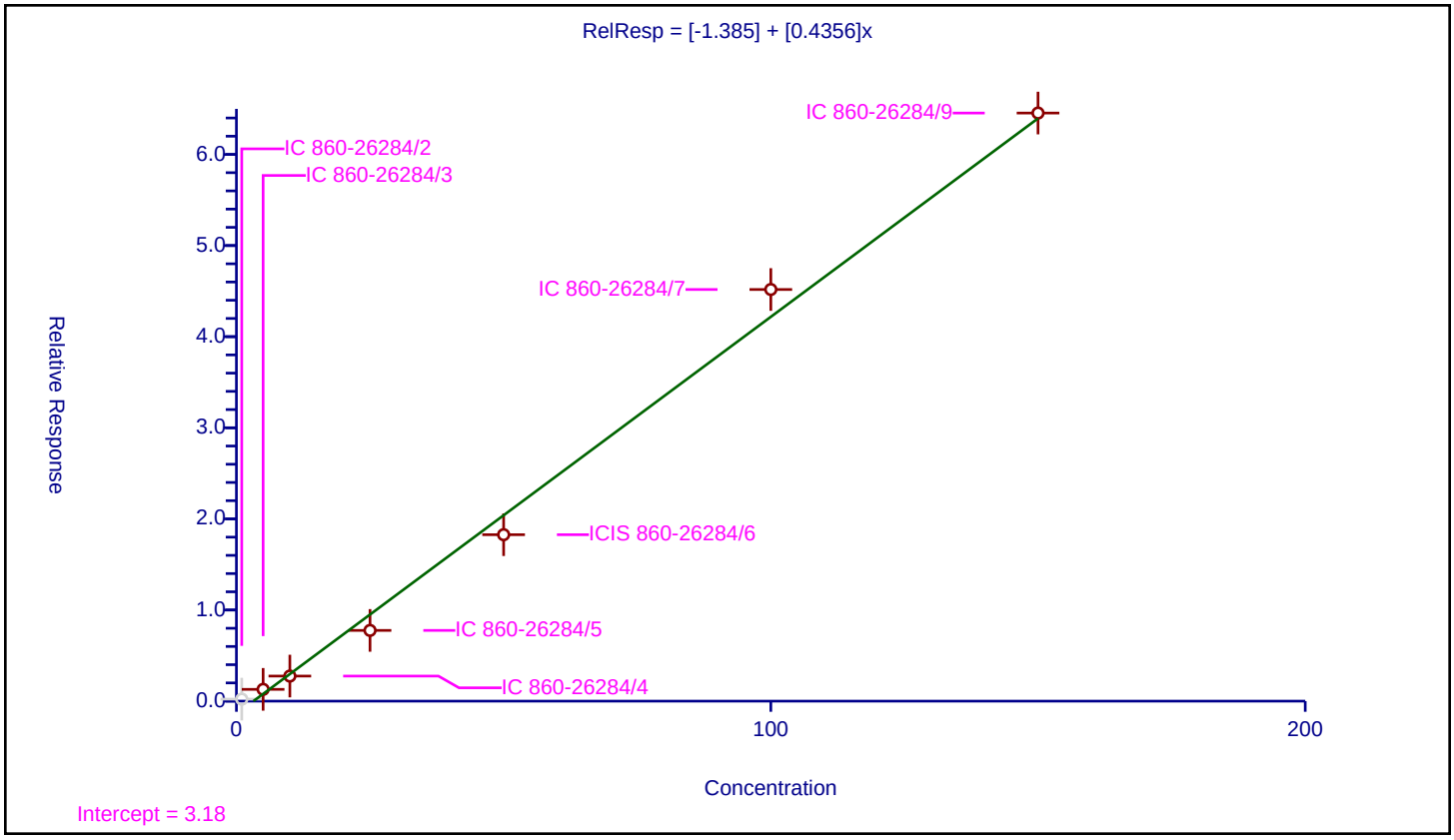
Curve Coefficients

Intercept:	-1.385
Slope:	0.4356

Error Coefficients

Standard Error:	127000
Relative Standard Error:	15.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	0.220435	50.0	177603.0	0.220435	N
2	IC 860-26284/3	5.0	1.294519	50.0	174505.0	0.258904	Y
3	IC 860-26284/4	10.0	2.752803	50.0	164723.0	0.27528	Y
4	IC 860-26284/5	25.0	7.762344	50.0	164641.0	0.310494	Y
5	ICIS 860-26284/6	50.0	18.268852	50.0	162632.0	0.365377	Y
6	IC 860-26284/7	100.0	45.178202	50.0	154403.0	0.451782	Y
7	IC 860-26284/9	150.0	64.543409	50.0	155555.0	0.430289	Y



Calibration / Isopropyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

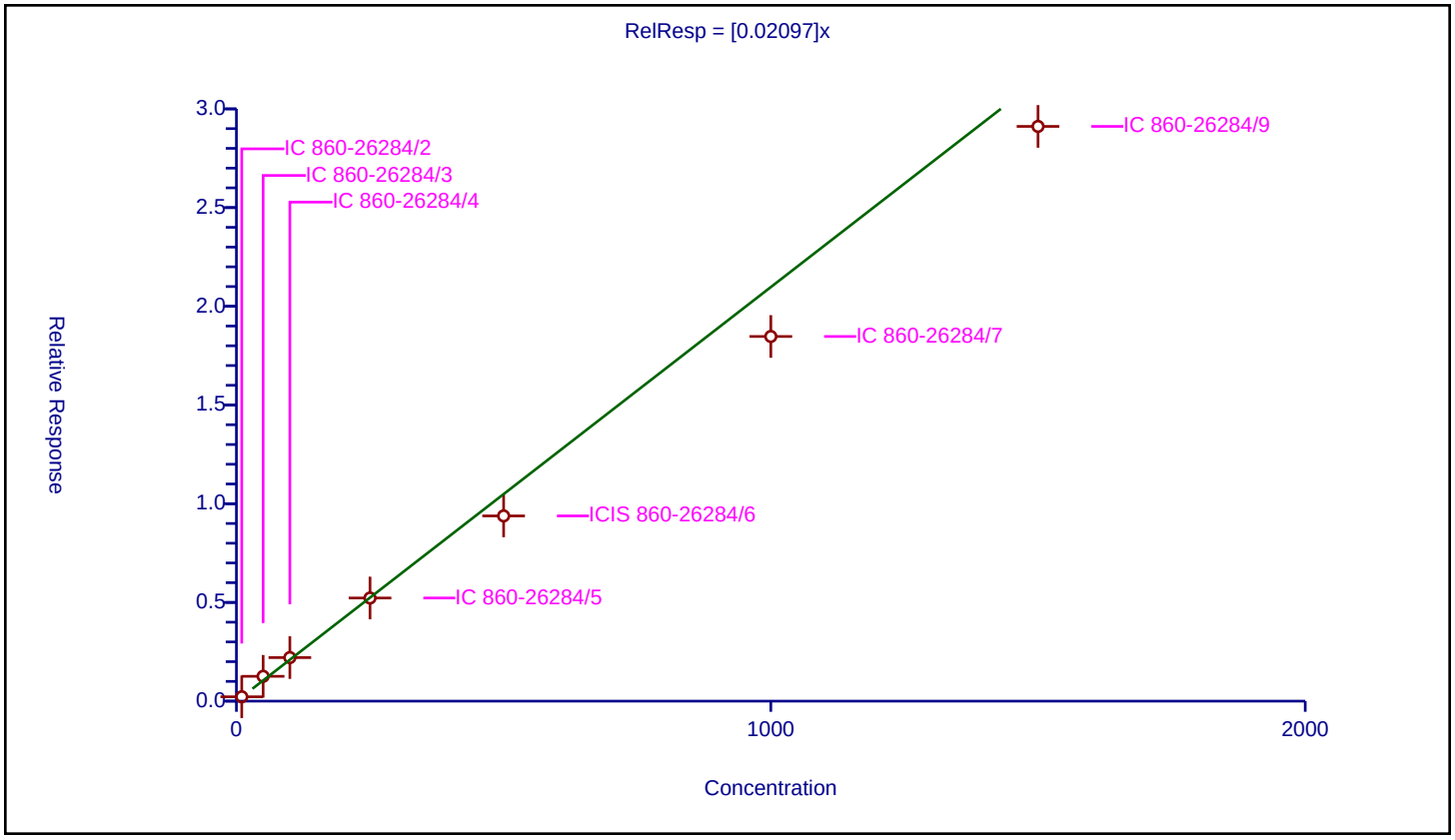
Curve Coefficients

Intercept:	0
Slope:	0.02097

Error Coefficients

Standard Error:	46100
Relative Standard Error:	11.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	10.0	0.220435	50.0	177603.0	0.022044	Y
2	IC 860-26284/3	50.0	1.257844	50.0	174505.0	0.025157	Y
3	IC 860-26284/4	100.0	2.206431	50.0	164723.0	0.022064	Y
4	IC 860-26284/5	250.0	5.224701	50.0	164641.0	0.020899	Y
5	ICIS 860-26284/6	500.0	9.383147	50.0	162632.0	0.018766	Y
6	IC 860-26284/7	1000.0	18.472115	50.0	154403.0	0.018472	Y
7	IC 860-26284/9	1500.0	29.112854	50.0	155555.0	0.019409	Y



Calibration / Carbon disulfide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

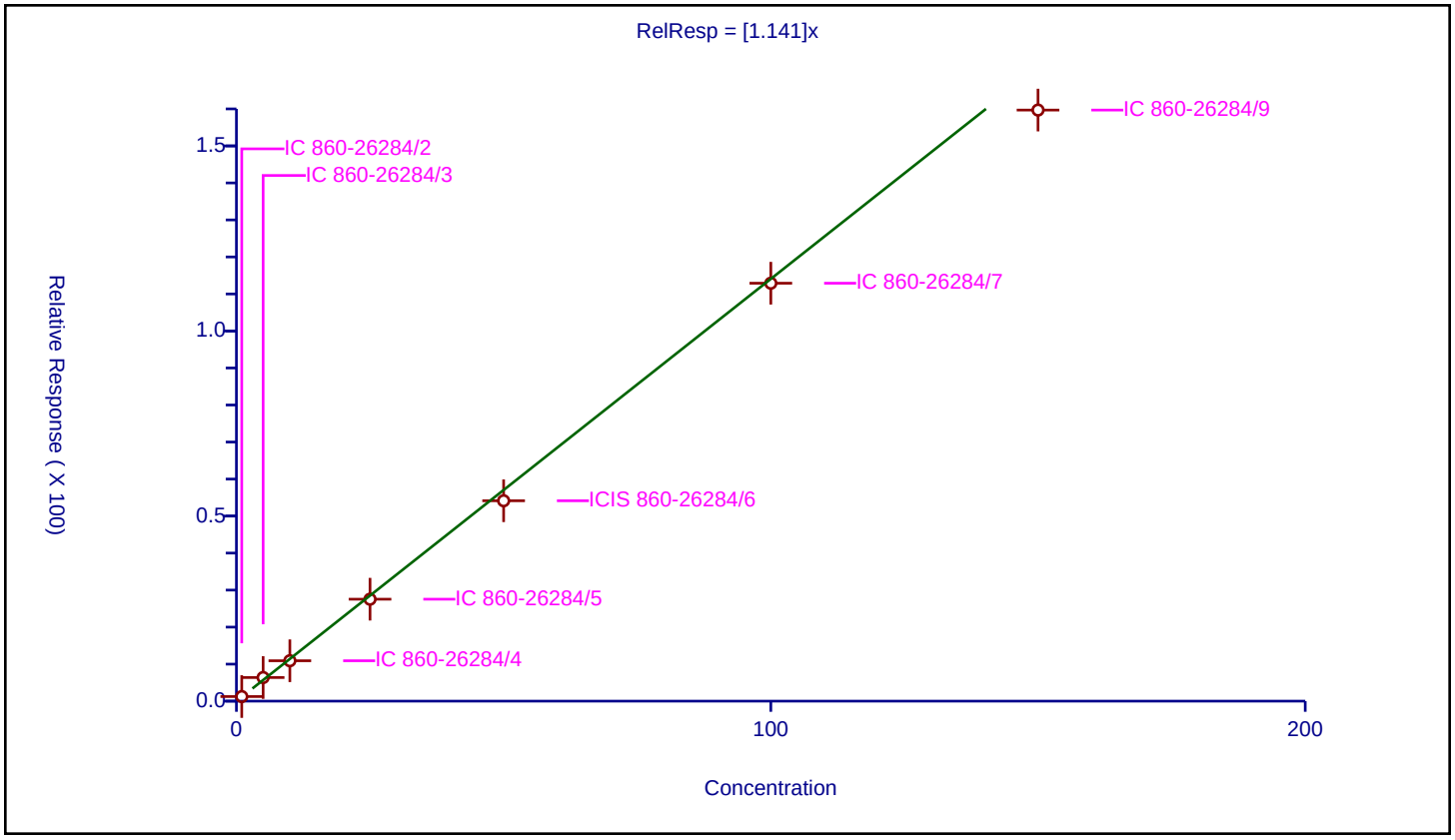
Curve Coefficients

Intercept:	0
Slope:	1.141

Error Coefficients

Standard Error:	261000
Relative Standard Error:	7.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	1.239281	50.0	177603.0	1.239281	Y
2	IC 860-26284/3	5.0	6.381479	50.0	174505.0	1.276296	Y
3	IC 860-26284/4	10.0	10.914991	50.0	164723.0	1.091499	Y
4	IC 860-26284/5	25.0	27.541439	50.0	164641.0	1.101658	Y
5	ICIS 860-26284/6	50.0	54.131721	50.0	162632.0	1.082634	Y
6	IC 860-26284/7	100.0	112.907456	50.0	154403.0	1.129075	Y
7	IC 860-26284/9	150.0	159.686606	50.0	155555.0	1.064577	Y



Calibration / Acetonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

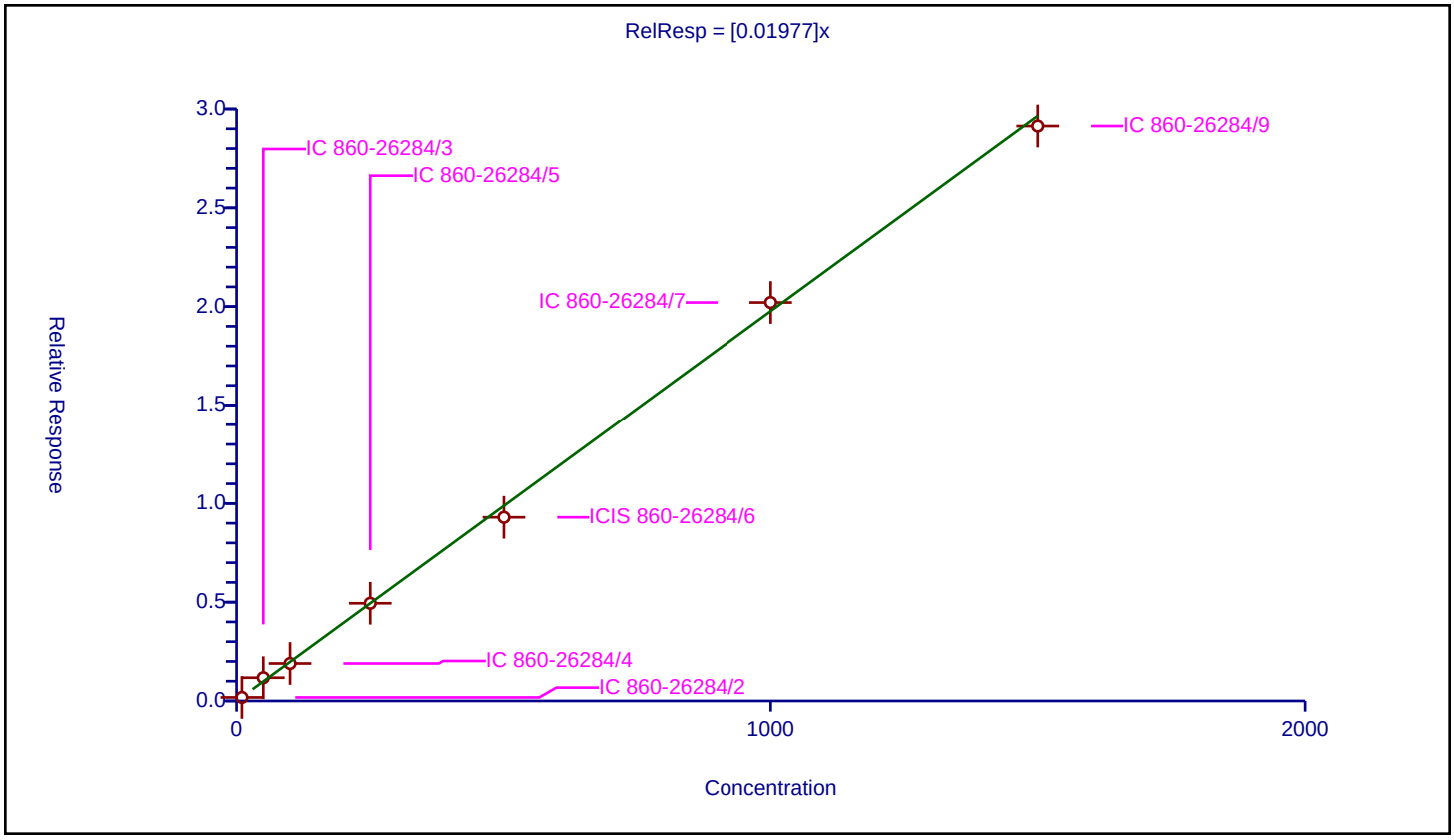
Curve Coefficients

Intercept:	0
Slope:	0.01977

Error Coefficients

Standard Error:	47200
Relative Standard Error:	9.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	10.0	0.179051	50.0	177603.0	0.017905	Y
2	IC 860-26284/3	50.0	1.175324	50.0	174505.0	0.023506	Y
3	IC 860-26284/4	100.0	1.89591	50.0	164723.0	0.018959	Y
4	IC 860-26284/5	250.0	4.94409	50.0	164641.0	0.019776	Y
5	ICIS 860-26284/6	500.0	9.298293	50.0	162632.0	0.018597	Y
6	IC 860-26284/7	1000.0	20.20848	50.0	154403.0	0.020208	Y
7	IC 860-26284/9	1500.0	29.139854	50.0	155555.0	0.019427	Y



Calibration / 3-Chloro-1-propene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

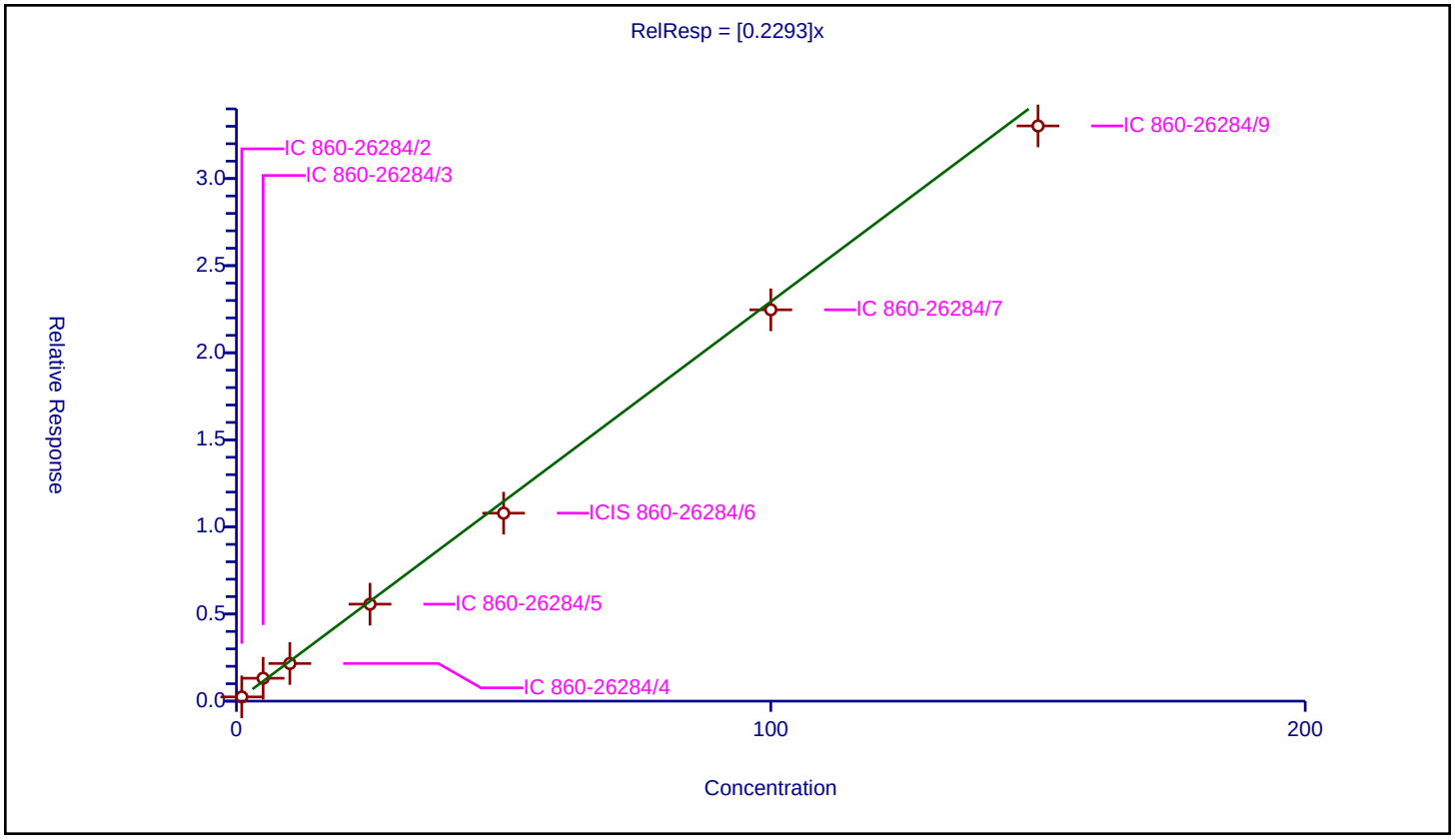
Curve Coefficients

Intercept:	0
Slope:	0.2293

Error Coefficients

Standard Error:	53200
Relative Standard Error:	7.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	0.242958	50.0	177603.0	0.242958	Y
2	IC 860-26284/3	5.0	1.314289	50.0	174505.0	0.262858	Y
3	IC 860-26284/4	10.0	2.161811	50.0	164723.0	0.216181	Y
4	IC 860-26284/5	25.0	5.568479	50.0	164641.0	0.222739	Y
5	ICIS 860-26284/6	50.0	10.790619	50.0	162632.0	0.215812	Y
6	IC 860-26284/7	100.0	22.46718	50.0	154403.0	0.224672	Y
7	IC 860-26284/9	150.0	33.021761	50.0	155555.0	0.220145	Y



Calibration / Methyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

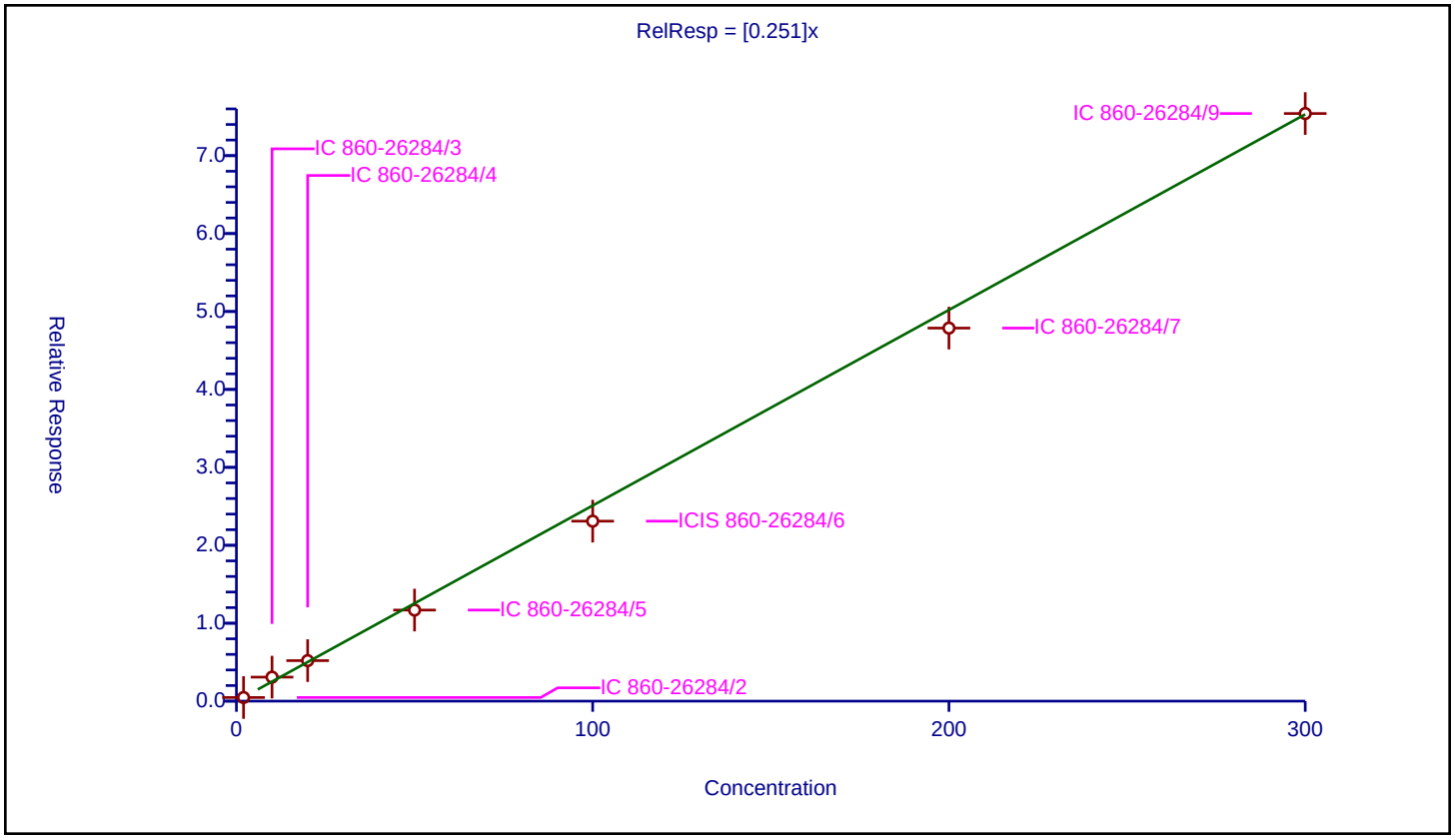
Curve Coefficients

Intercept:	0
Slope:	0.251

Error Coefficients

Standard Error:	119000
Relative Standard Error:	10.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	2.0	0.467053	50.0	177603.0	0.233526	Y
2	IC 860-26284/3	10.0	3.081287	50.0	174505.0	0.308129	Y
3	IC 860-26284/4	20.0	5.198728	50.0	164723.0	0.259936	Y
4	IC 860-26284/5	50.0	11.688765	50.0	164641.0	0.233775	Y
5	ICIS 860-26284/6	100.0	23.097238	50.0	162632.0	0.230972	Y
6	IC 860-26284/7	200.0	47.870184	50.0	154403.0	0.239351	Y
7	IC 860-26284/9	300.0	75.405484	50.0	155555.0	0.251352	Y



Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

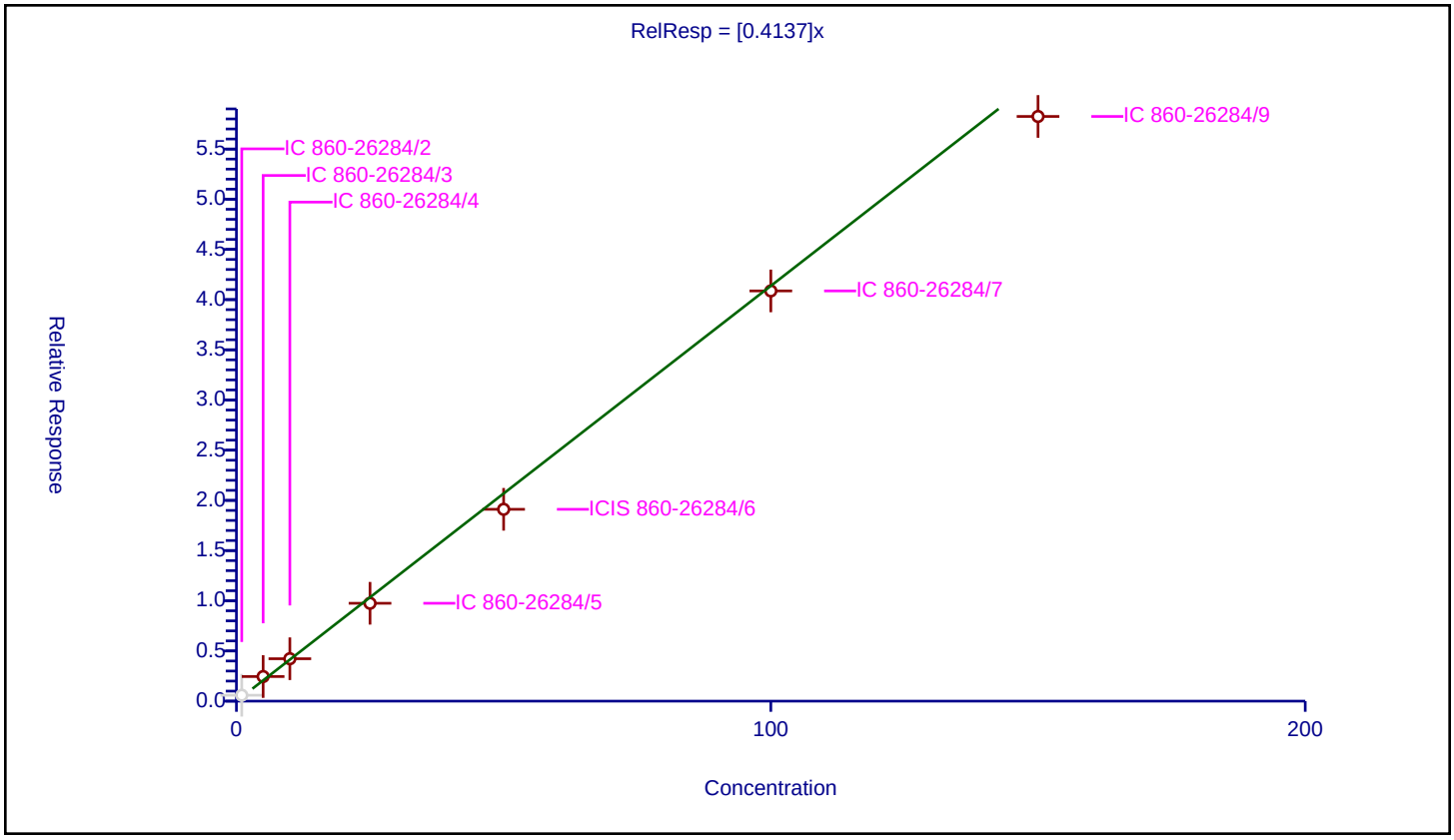
Curve Coefficients

Intercept:	0
Slope:	0.4137

Error Coefficients

Standard Error:	104000
Relative Standard Error:	9.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	0.586702	50.0	177603.0	0.586702	N
2	IC 860-26284/3	5.0	2.450933	50.0	174505.0	0.490187	Y
3	IC 860-26284/4	10.0	4.226489	50.0	164723.0	0.422649	Y
4	IC 860-26284/5	25.0	9.750609	50.0	164641.0	0.390024	Y
5	ICIS 860-26284/6	50.0	19.110938	50.0	162632.0	0.382219	Y
6	IC 860-26284/7	100.0	40.867082	50.0	154403.0	0.408671	Y
7	IC 860-26284/9	150.0	58.246279	50.0	155555.0	0.388309	Y



Calibration / 2-Methyl-2-propanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

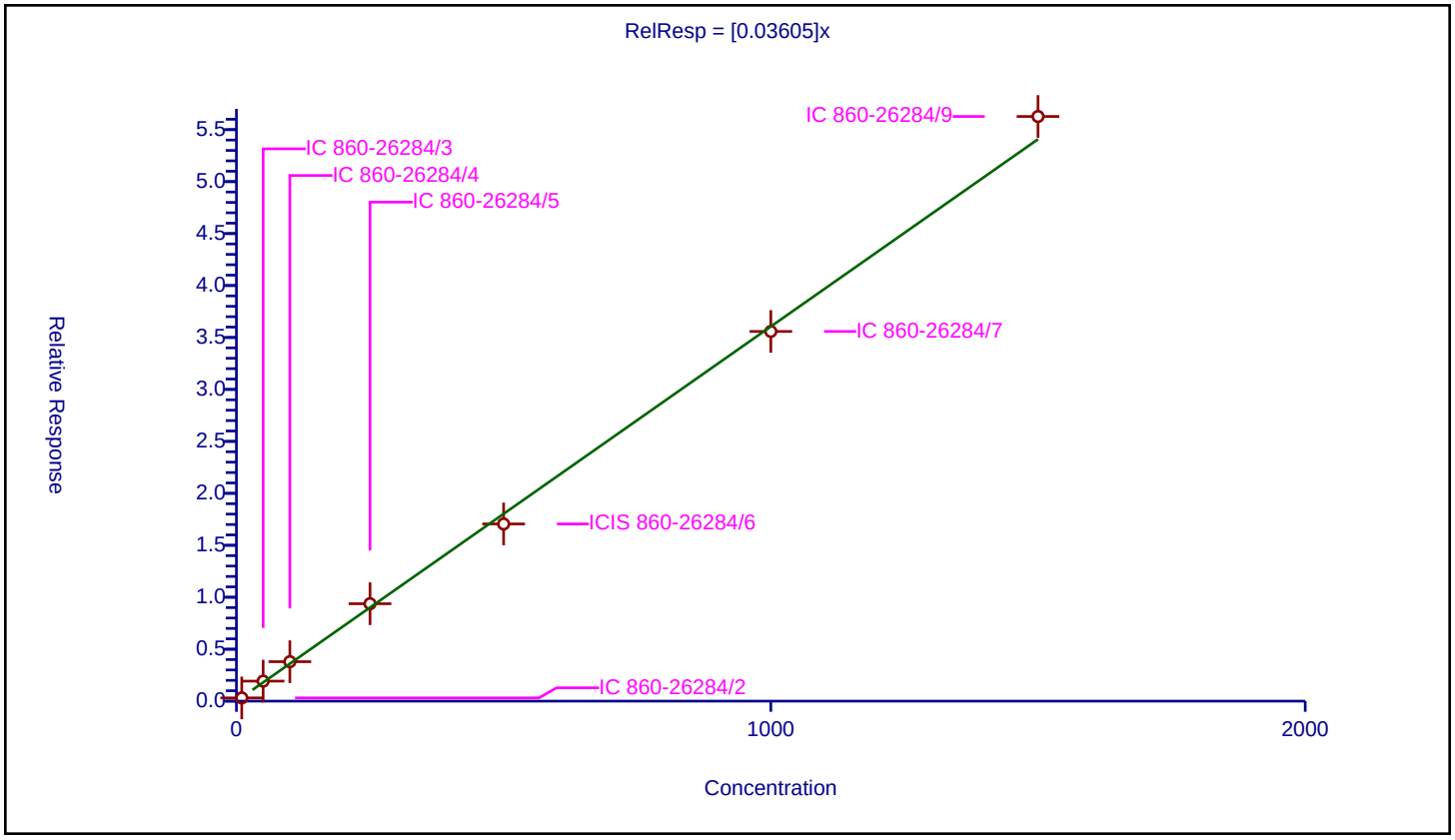
Curve Coefficients

Intercept:	0
Slope:	0.03605

Error Coefficients

Standard Error:	88400
Relative Standard Error:	7.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	10.0	0.31165	50.0	177603.0	0.031165	Y
2	IC 860-26284/3	50.0	1.926879	50.0	174505.0	0.038538	Y
3	IC 860-26284/4	100.0	3.796677	50.0	164723.0	0.037967	Y
4	IC 860-26284/5	250.0	9.375854	50.0	164641.0	0.037503	Y
5	ICIS 860-26284/6	500.0	17.052302	50.0	162632.0	0.034105	Y
6	IC 860-26284/7	1000.0	35.580591	50.0	154403.0	0.035581	Y
7	IC 860-26284/9	1500.0	56.268844	50.0	155555.0	0.037513	Y



Calibration / Acrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

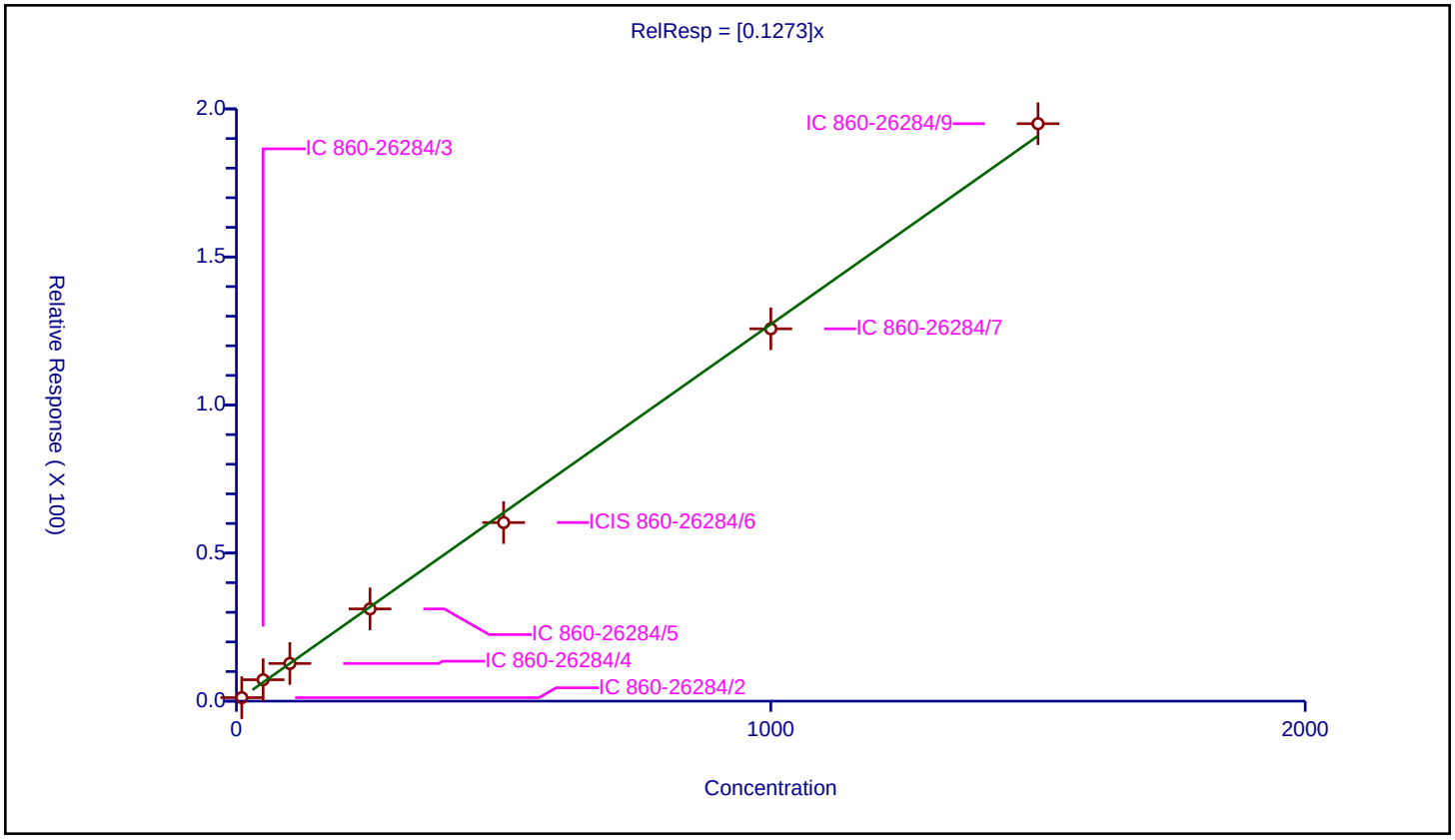
Curve Coefficients

Intercept:	0
Slope:	0.1273

Error Coefficients

Standard Error:	308000
Relative Standard Error:	6.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	10.0	1.181849	50.0	177603.0	0.118185	Y
2	IC 860-26284/3	50.0	7.223575	50.0	174505.0	0.144472	Y
3	IC 860-26284/4	100.0	12.714375	50.0	164723.0	0.127144	Y
4	IC 860-26284/5	250.0	31.15597	50.0	164641.0	0.124624	Y
5	ICIS 860-26284/6	500.0	60.299326	50.0	162632.0	0.120599	Y
6	IC 860-26284/7	1000.0	125.745938	50.0	154403.0	0.125746	Y
7	IC 860-26284/9	1500.0	195.005304	50.0	155555.0	0.130004	Y



Calibration / trans-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

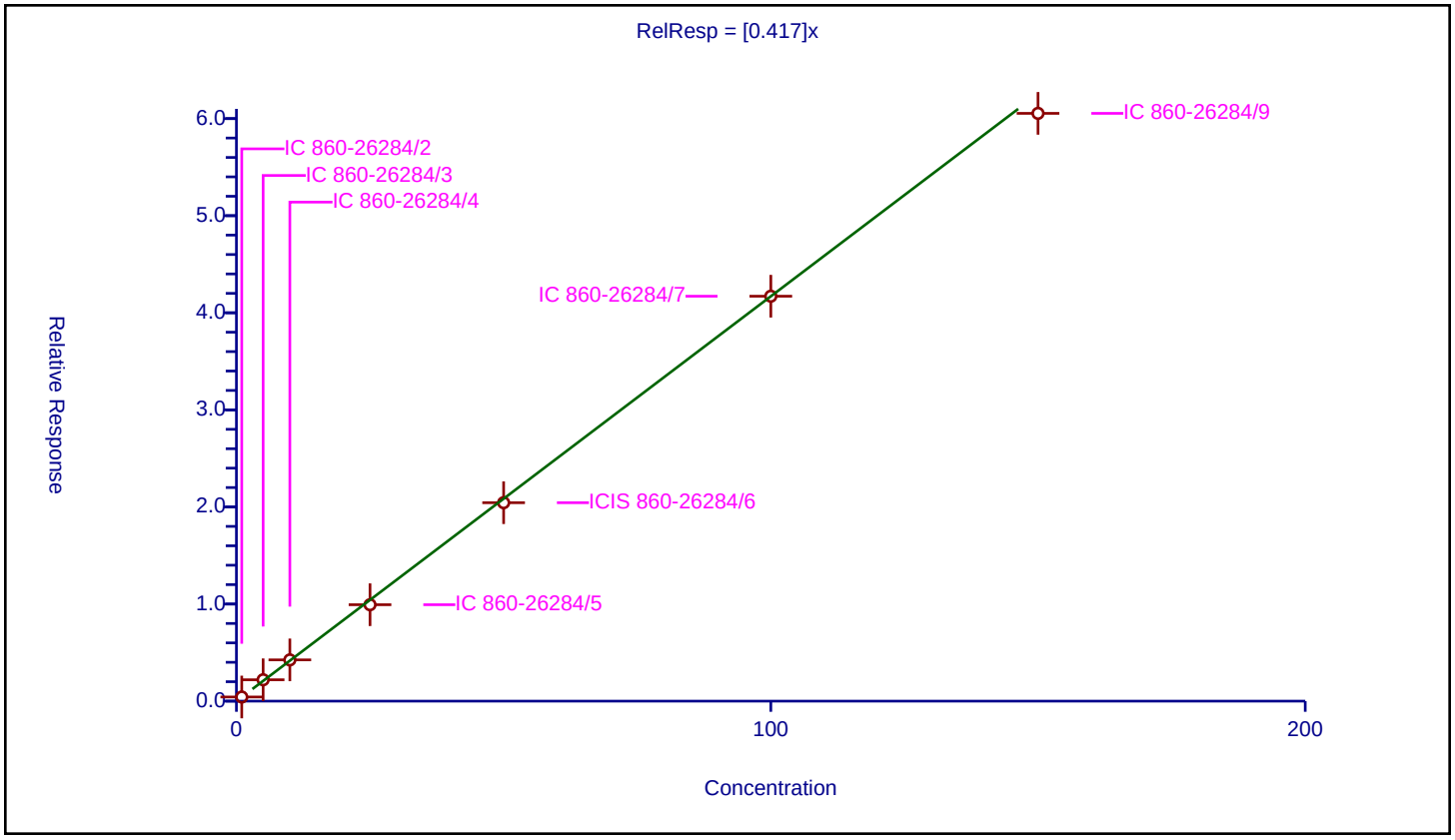
Curve Coefficients

Intercept:	0
Slope:	0.417

Error Coefficients

Standard Error:	98100
Relative Standard Error:	3.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	0.427076	50.0	177603.0	0.427076	Y
2	IC 860-26284/3	5.0	2.20051	50.0	174505.0	0.440102	Y
3	IC 860-26284/4	10.0	4.249255	50.0	164723.0	0.424925	Y
4	IC 860-26284/5	25.0	9.930698	50.0	164641.0	0.397228	Y
5	ICIS 860-26284/6	50.0	20.43786	50.0	162632.0	0.408757	Y
6	IC 860-26284/7	100.0	41.706444	50.0	154403.0	0.417064	Y
7	IC 860-26284/9	150.0	60.539359	50.0	155555.0	0.403596	Y



Calibration / Methyl tert-butyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

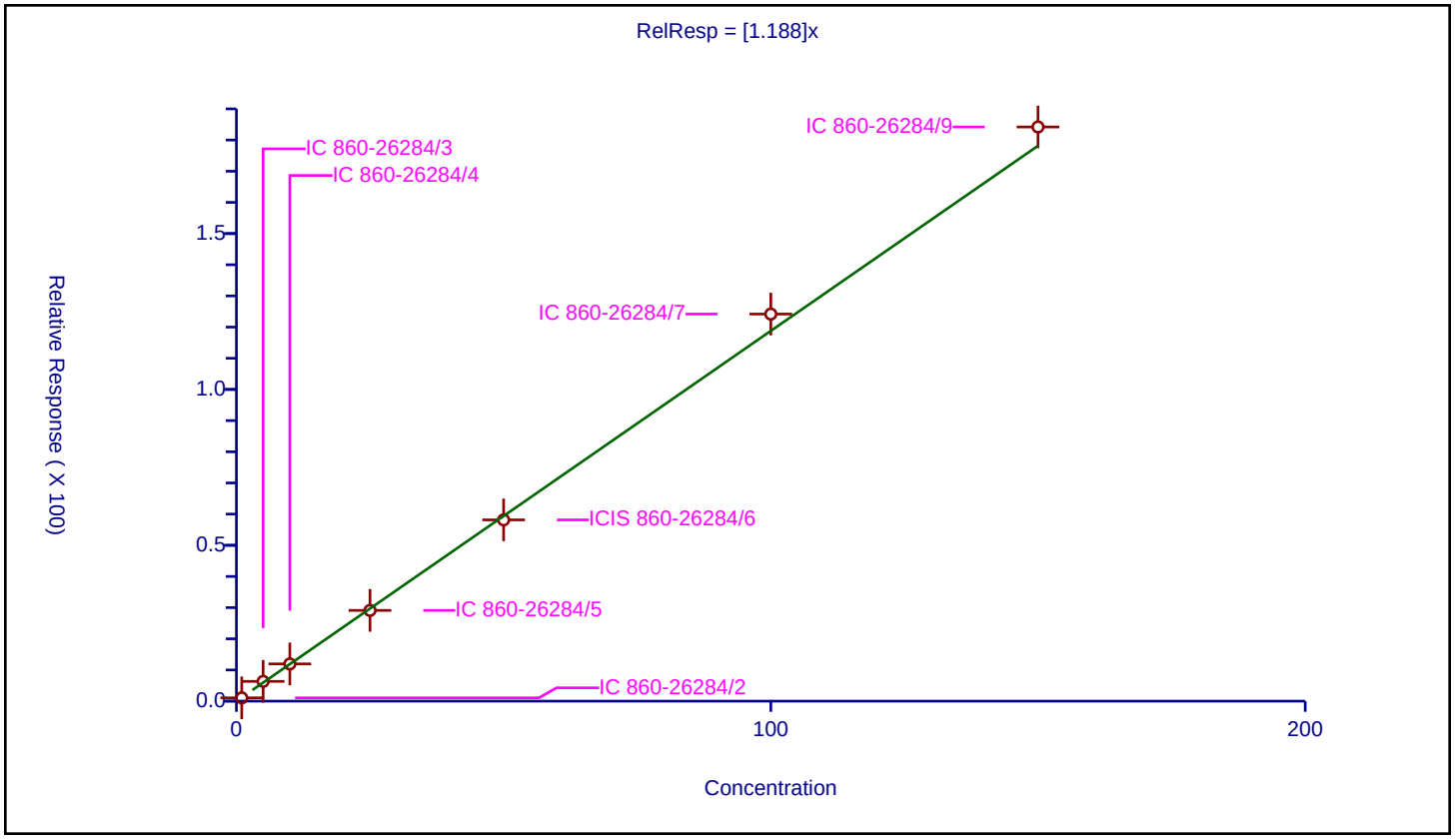
Curve Coefficients

Intercept:	0
Slope:	1.188

Error Coefficients

Standard Error:	295000
Relative Standard Error:	5.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	1.05657	50.0	177603.0	1.05657	Y
2	IC 860-26284/3	5.0	6.335922	50.0	174505.0	1.267184	Y
3	IC 860-26284/4	10.0	11.937313	50.0	164723.0	1.193731	Y
4	IC 860-26284/5	25.0	29.103625	50.0	164641.0	1.164145	Y
5	ICIS 860-26284/6	50.0	58.149995	50.0	162632.0	1.163	Y
6	IC 860-26284/7	100.0	124.18023	50.0	154403.0	1.241802	Y
7	IC 860-26284/9	150.0	184.202051	50.0	155555.0	1.228014	Y



Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

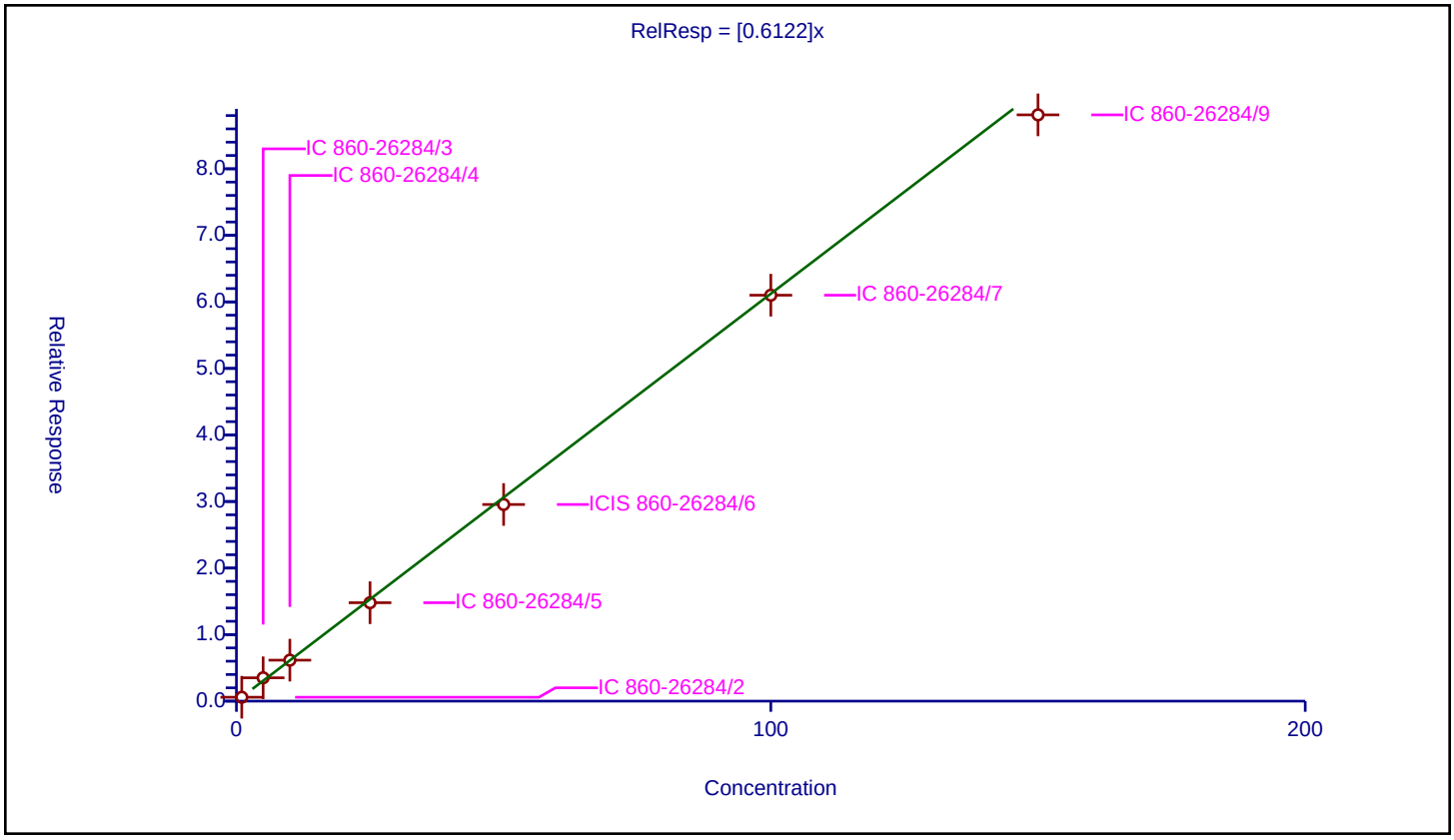
Curve Coefficients

Intercept:	0
Slope:	0.6122

Error Coefficients

Standard Error:	143000
Relative Standard Error:	6.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	0.588109	50.0	177603.0	0.588109	Y
2	IC 860-26284/3	5.0	3.508209	50.0	174505.0	0.701642	Y
3	IC 860-26284/4	10.0	6.158217	50.0	164723.0	0.615822	Y
4	IC 860-26284/5	25.0	14.789147	50.0	164641.0	0.591566	Y
5	ICIS 860-26284/6	50.0	29.552302	50.0	162632.0	0.591046	Y
6	IC 860-26284/7	100.0	61.001082	50.0	154403.0	0.610011	Y
7	IC 860-26284/9	150.0	88.101958	50.0	155555.0	0.587346	Y



Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

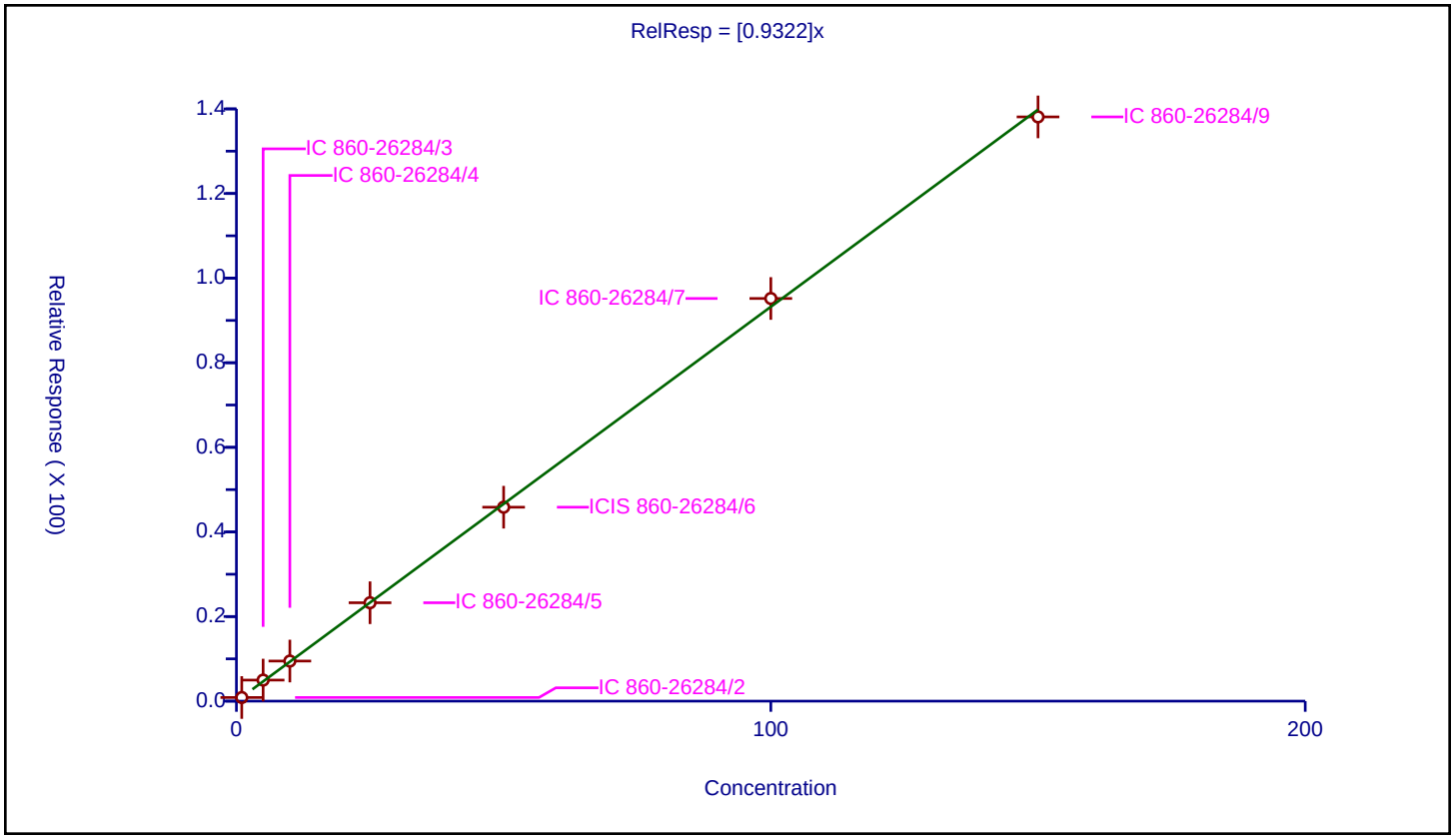
Curve Coefficients

Intercept:	0
Slope:	0.9322

Error Coefficients

Standard Error:	224000
Relative Standard Error:	4.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	0.862317	50.0	177603.0	0.862317	Y
2	IC 860-26284/3	5.0	4.977794	50.0	174505.0	0.995559	Y
3	IC 860-26284/4	10.0	9.478033	50.0	164723.0	0.947803	Y
4	IC 860-26284/5	25.0	23.257876	50.0	164641.0	0.930315	Y
5	ICIS 860-26284/6	50.0	45.843376	50.0	162632.0	0.916868	Y
6	IC 860-26284/7	100.0	95.18306	50.0	154403.0	0.951831	Y
7	IC 860-26284/9	150.0	138.102279	50.0	155555.0	0.920682	Y



Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

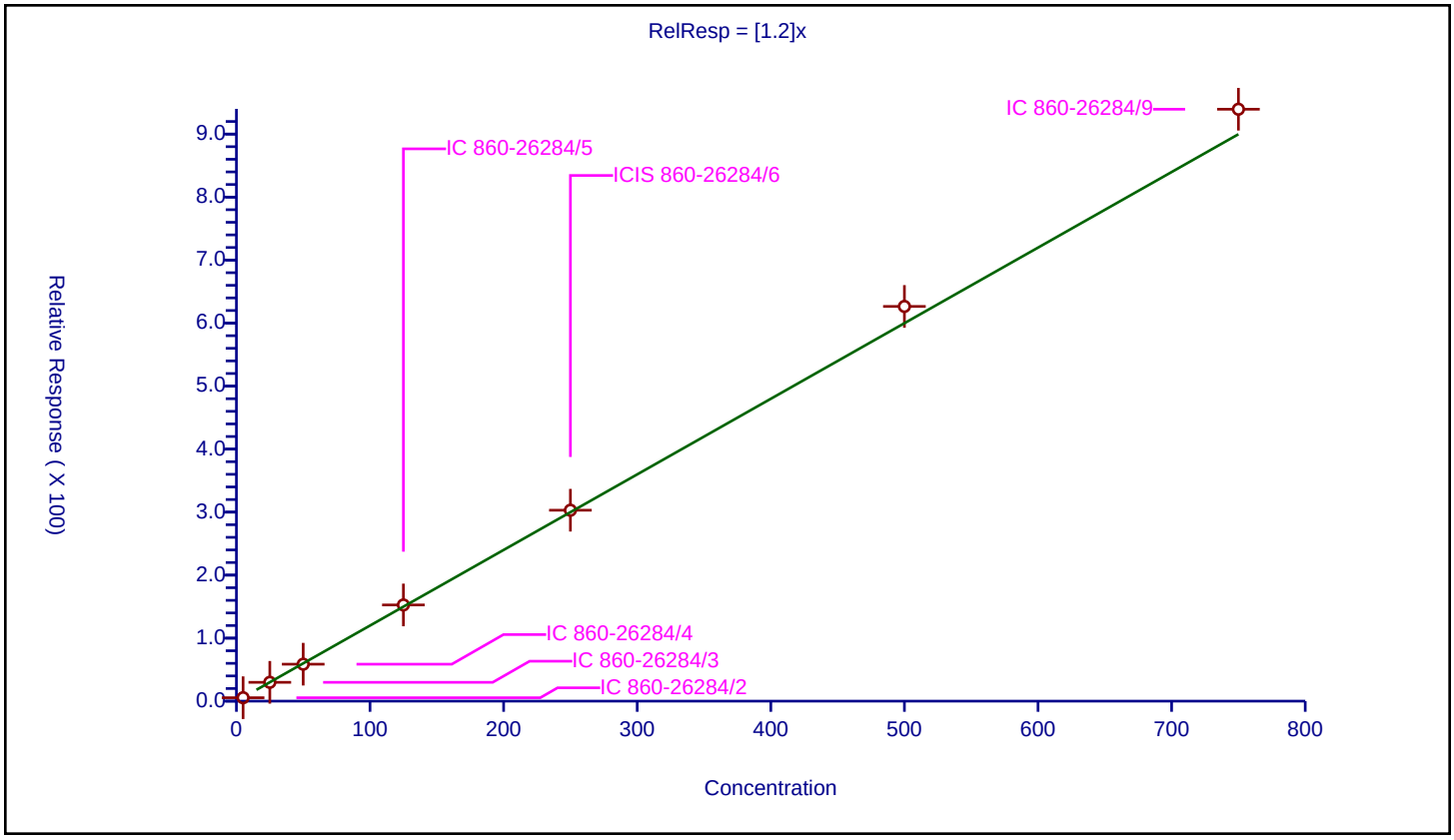
Curve Coefficients

Intercept:	0
Slope:	1.2

Error Coefficients

Standard Error:	1500000
Relative Standard Error:	4.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	5.0	5.452892	50.0	177603.0	1.090578	Y
2	IC 860-26284/3	25.0	29.874502	50.0	174505.0	1.19498	Y
3	IC 860-26284/4	50.0	58.658779	50.0	164723.0	1.173176	Y
4	IC 860-26284/5	125.0	152.684022	50.0	164641.0	1.221472	Y
5	ICIS 860-26284/6	250.0	303.020623	50.0	162632.0	1.212082	Y
6	IC 860-26284/7	500.0	626.472284	50.0	154403.0	1.252945	Y
7	IC 860-26284/9	750.0	939.441355	50.0	155555.0	1.252588	Y



Calibration / Isopropyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

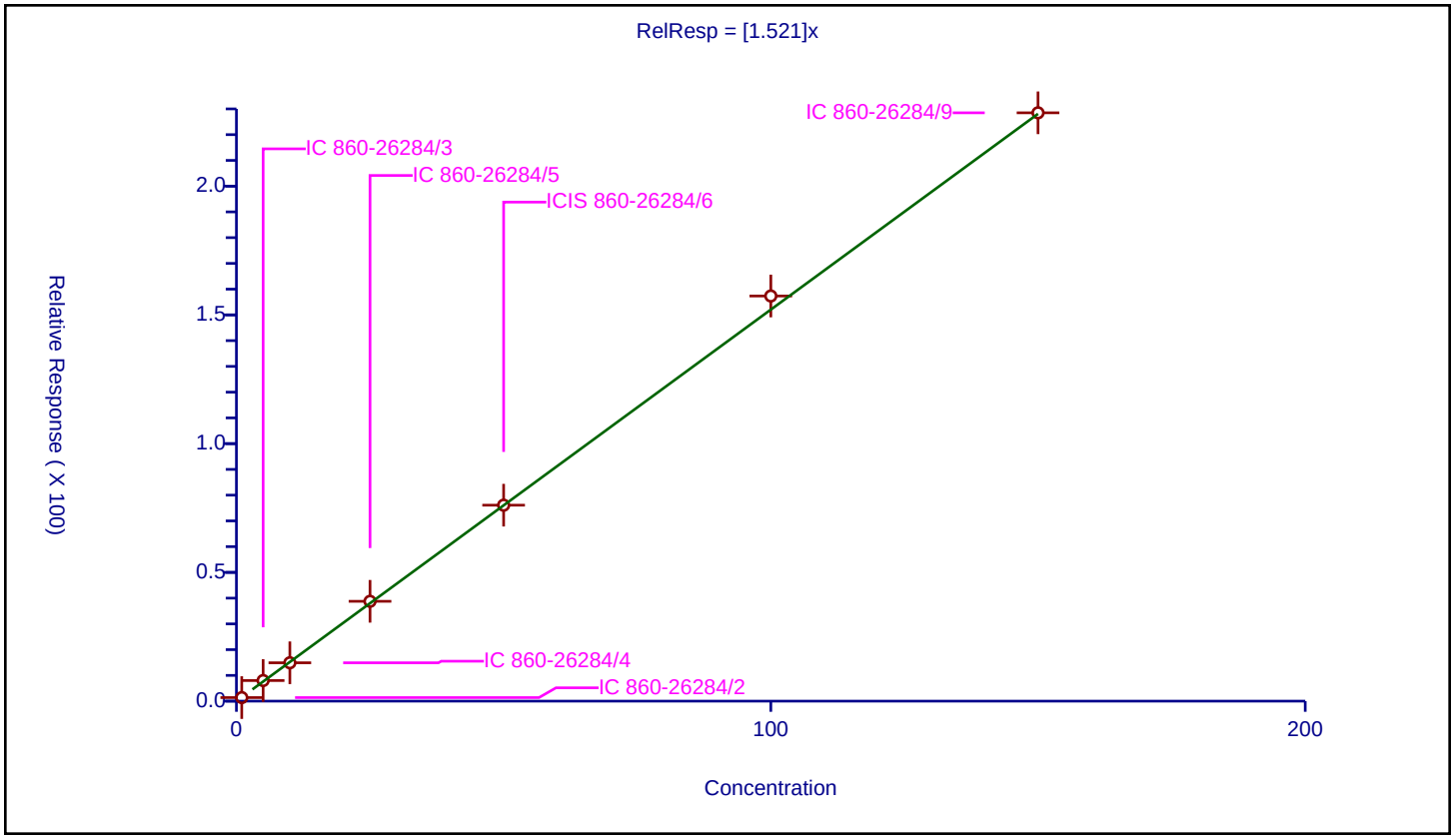
Curve Coefficients

Intercept:	0
Slope:	1.521

Error Coefficients

Standard Error:	370000
Relative Standard Error:	4.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	1.384267	50.0	177603.0	1.384267	Y
2	IC 860-26284/3	5.0	8.002923	50.0	174505.0	1.600585	Y
3	IC 860-26284/4	10.0	14.895916	50.0	164723.0	1.489592	Y
4	IC 860-26284/5	25.0	38.767986	50.0	164641.0	1.550719	Y
5	ICIS 860-26284/6	50.0	76.099722	50.0	162632.0	1.521994	Y
6	IC 860-26284/7	100.0	157.338912	50.0	154403.0	1.573389	Y
7	IC 860-26284/9	150.0	228.477387	50.0	155555.0	1.523183	Y



Calibration / 2-Chloro-1,3-butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

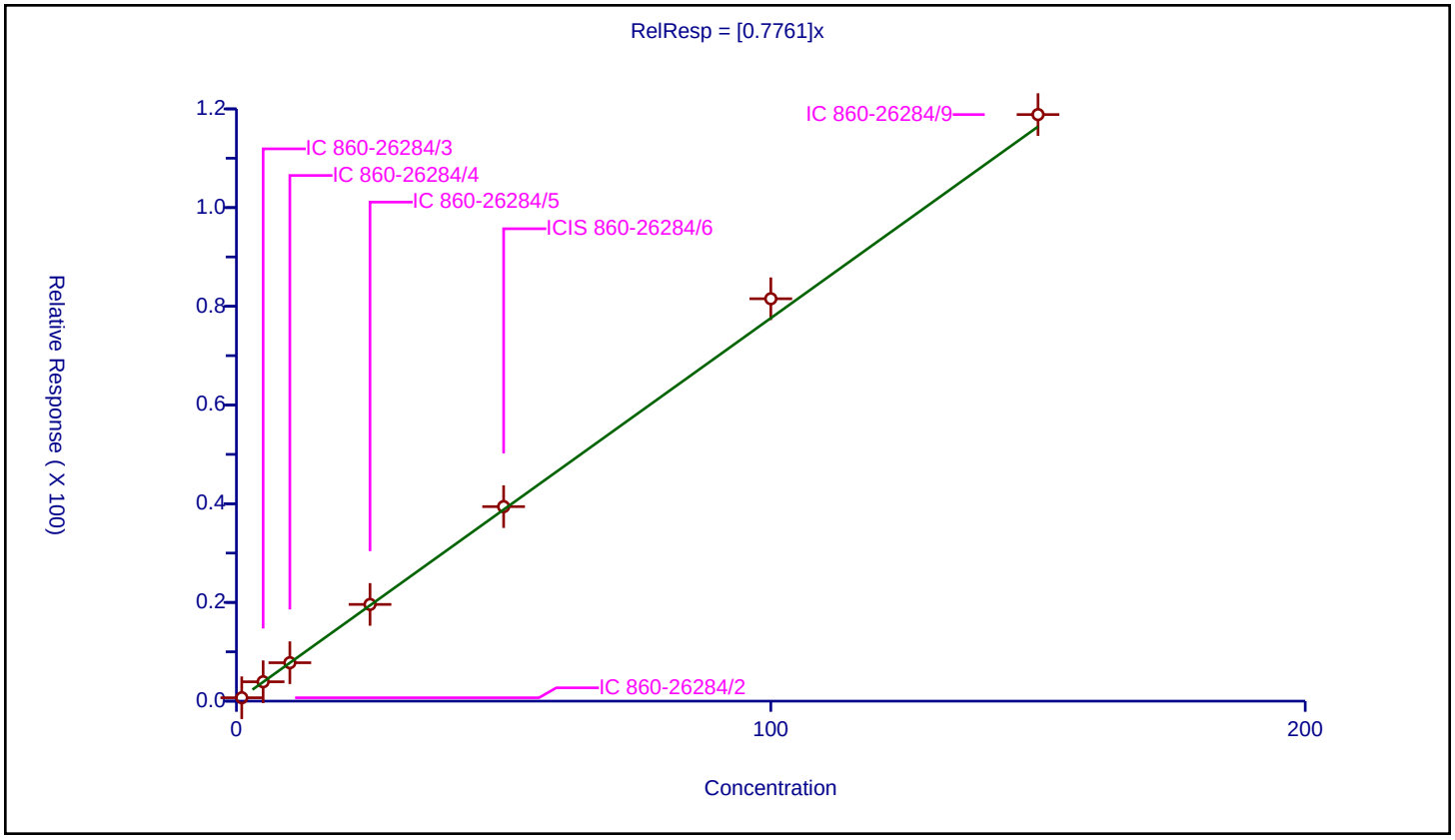
Curve Coefficients

Intercept:	0
Slope:	0.7761

Error Coefficients

Standard Error:	192000
Relative Standard Error:	5.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	0.689178	50.0	177603.0	0.689178	Y
2	IC 860-26284/3	5.0	3.923956	50.0	174505.0	0.784791	Y
3	IC 860-26284/4	10.0	7.785798	50.0	164723.0	0.77858	Y
4	IC 860-26284/5	25.0	19.599614	50.0	164641.0	0.783985	Y
5	ICIS 860-26284/6	50.0	39.4126	50.0	162632.0	0.788252	Y
6	IC 860-26284/7	100.0	81.534361	50.0	154403.0	0.815344	Y
7	IC 860-26284/9	150.0	118.852174	50.0	155555.0	0.792348	Y



Calibration / Tert-butyl ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

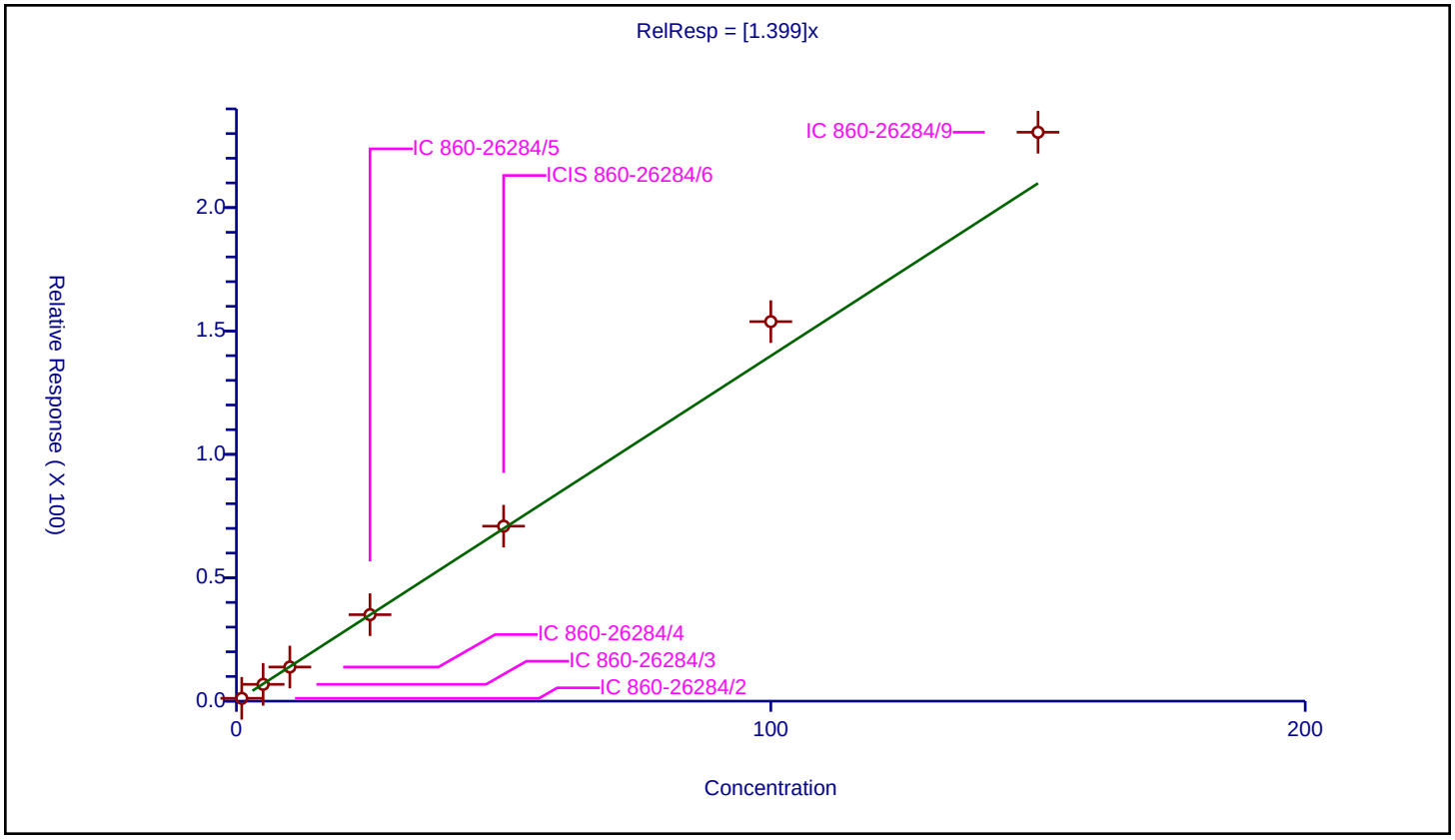
Curve Coefficients

Intercept:	0
Slope:	1.399

Error Coefficients

Standard Error:	367000
Relative Standard Error:	9.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	1.152571	50.0	177603.0	1.152571	Y
2	IC 860-26284/3	5.0	6.81012	50.0	174505.0	1.362024	Y
3	IC 860-26284/4	10.0	13.836258	50.0	164723.0	1.383626	Y
4	IC 860-26284/5	25.0	35.044734	50.0	164641.0	1.401789	Y
5	ICIS 860-26284/6	50.0	70.905172	50.0	162632.0	1.418103	Y
6	IC 860-26284/7	100.0	153.791701	50.0	154403.0	1.537917	Y
7	IC 860-26284/9	150.0	230.534538	50.0	155555.0	1.536897	Y



Calibration / 2,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

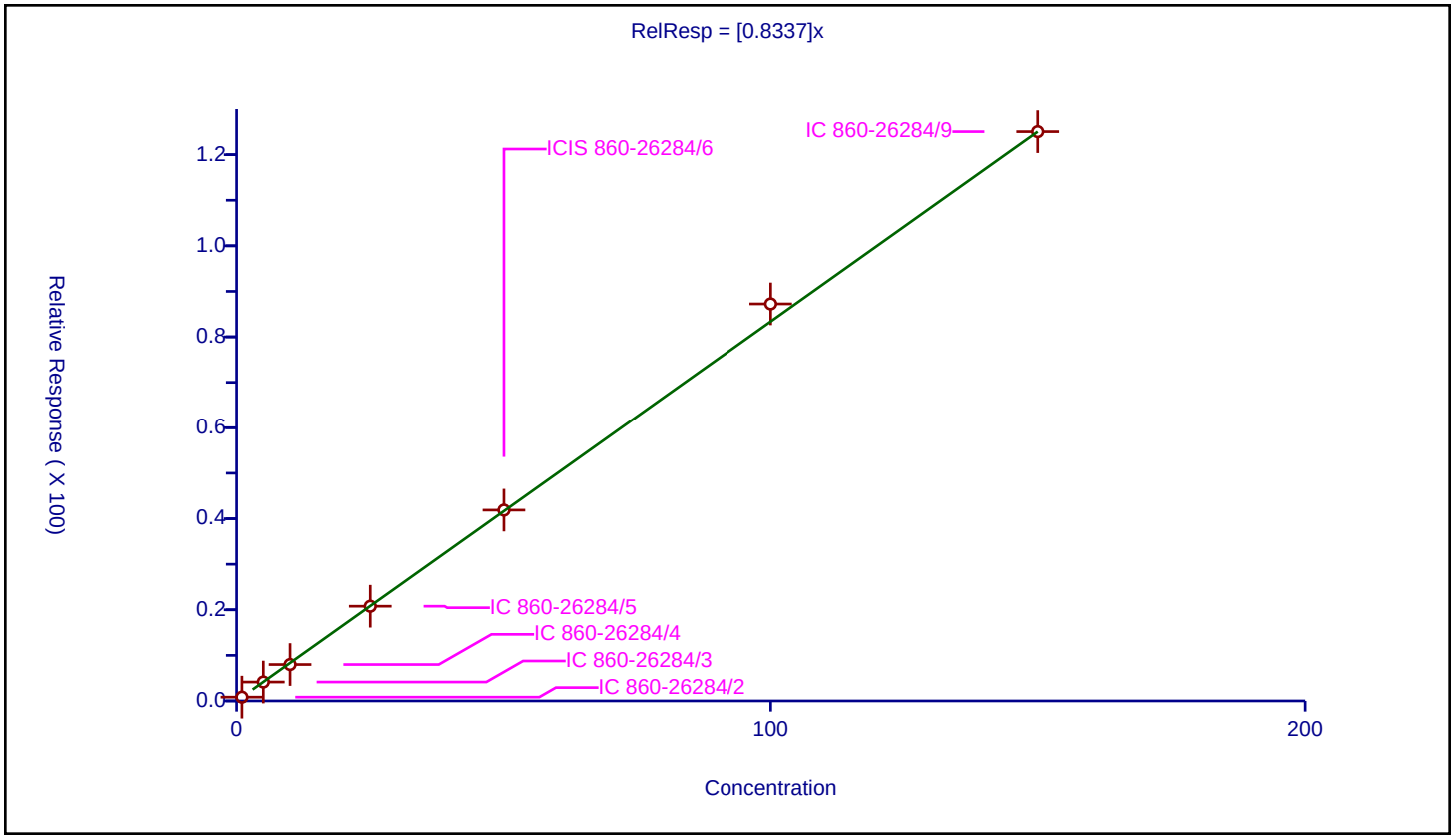
Curve Coefficients

Intercept:	0
Slope:	0.8337

Error Coefficients

Standard Error:	203000
Relative Standard Error:	2.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	0.83163	50.0	177603.0	0.83163	Y
2	IC 860-26284/3	5.0	4.150597	50.0	174505.0	0.830119	Y
3	IC 860-26284/4	10.0	7.986134	50.0	164723.0	0.798613	Y
4	IC 860-26284/5	25.0	20.784616	50.0	164641.0	0.831385	Y
5	ICIS 860-26284/6	50.0	41.890587	50.0	162632.0	0.837812	Y
6	IC 860-26284/7	100.0	87.244743	50.0	154403.0	0.872447	Y
7	IC 860-26284/9	150.0	125.053197	50.0	155555.0	0.833688	Y



Calibration / cis-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

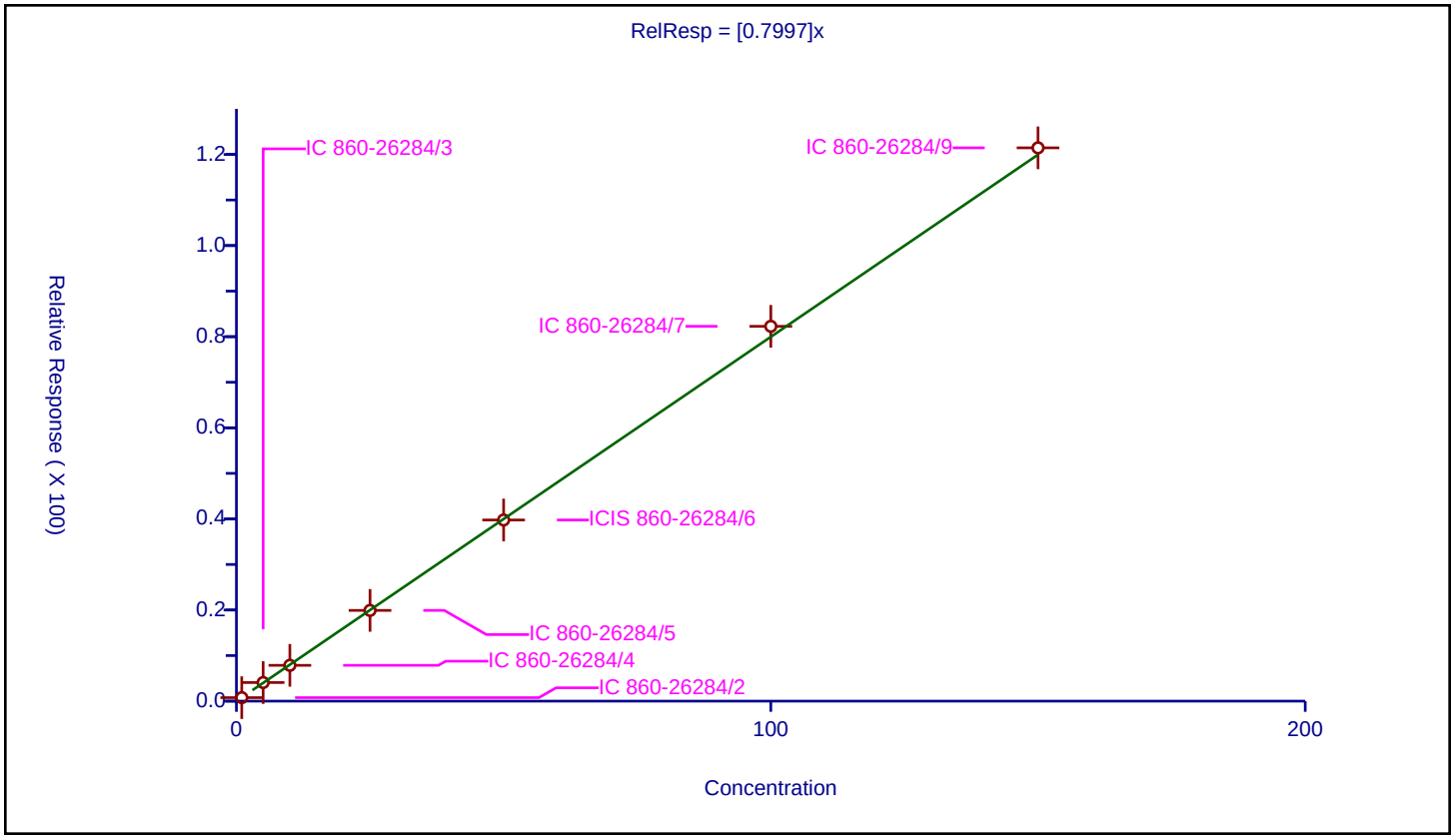
Curve Coefficients

Intercept:	0
Slope:	0.7997

Error Coefficients

Standard Error:	195000
Relative Standard Error:	2.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	0.770539	50.0	177603.0	0.770539	Y
2	IC 860-26284/3	5.0	4.083264	50.0	174505.0	0.816653	Y
3	IC 860-26284/4	10.0	7.861986	50.0	164723.0	0.786199	Y
4	IC 860-26284/5	25.0	19.913934	50.0	164641.0	0.796557	Y
5	ICIS 860-26284/6	50.0	39.764929	50.0	162632.0	0.795299	Y
6	IC 860-26284/7	100.0	82.276251	50.0	154403.0	0.822763	Y
7	IC 860-26284/9	150.0	121.451577	50.0	155555.0	0.809677	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

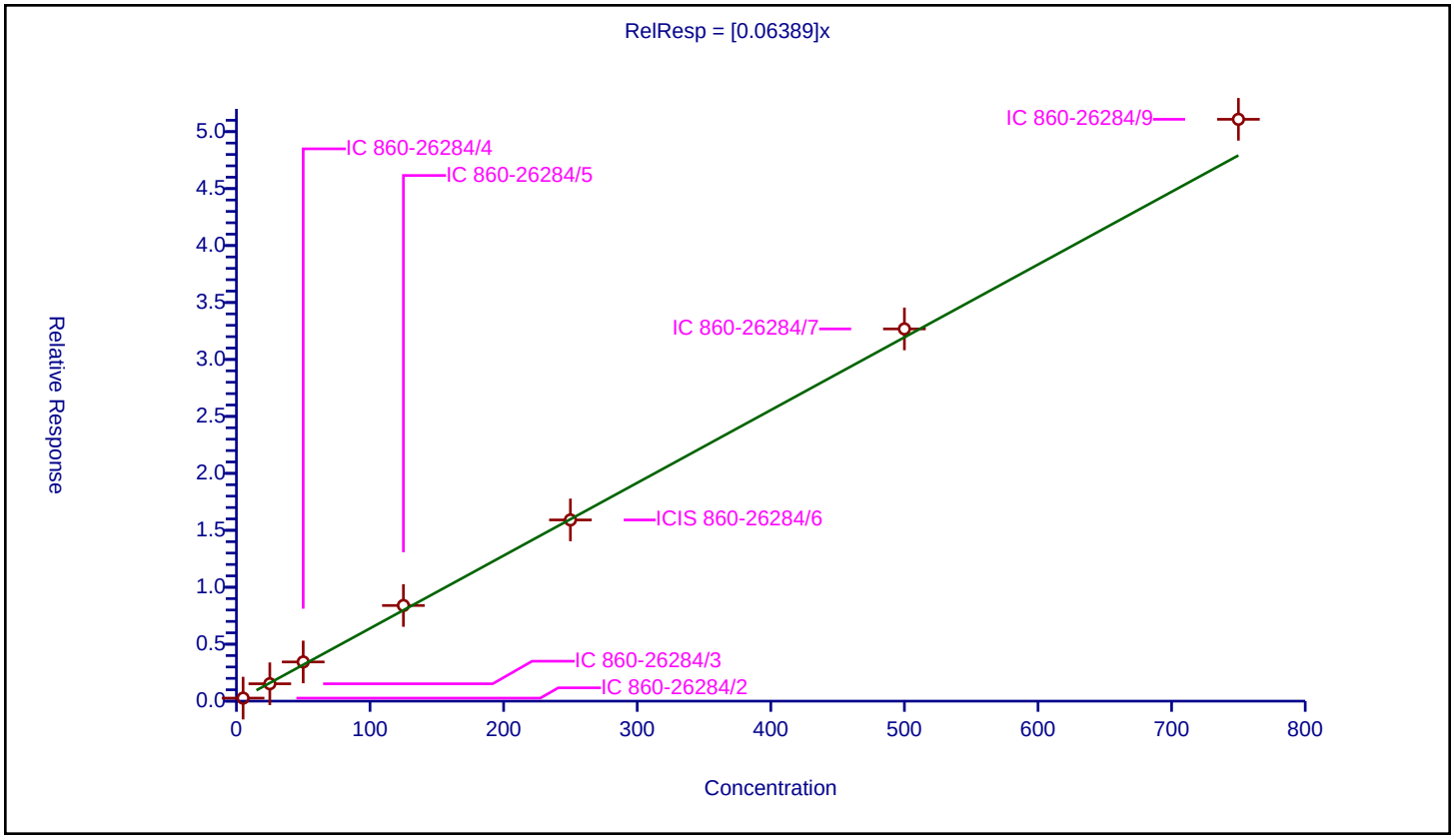
Curve Coefficients

Intercept:	0
Slope:	0.06389

Error Coefficients

Standard Error:	80600
Relative Standard Error:	8.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	5.0	0.265198	50.0	177603.0	0.05304	Y
2	IC 860-26284/3	25.0	1.526604	50.0	174505.0	0.061064	Y
3	IC 860-26284/4	50.0	3.440321	50.0	164723.0	0.068806	Y
4	IC 860-26284/5	125.0	8.39888	50.0	164641.0	0.067191	Y
5	ICIS 860-26284/6	250.0	15.908923	50.0	162632.0	0.063636	Y
6	IC 860-26284/7	500.0	32.682331	50.0	154403.0	0.065365	Y
7	IC 860-26284/9	750.0	51.086111	50.0	155555.0	0.068115	Y



Calibration / Propionitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

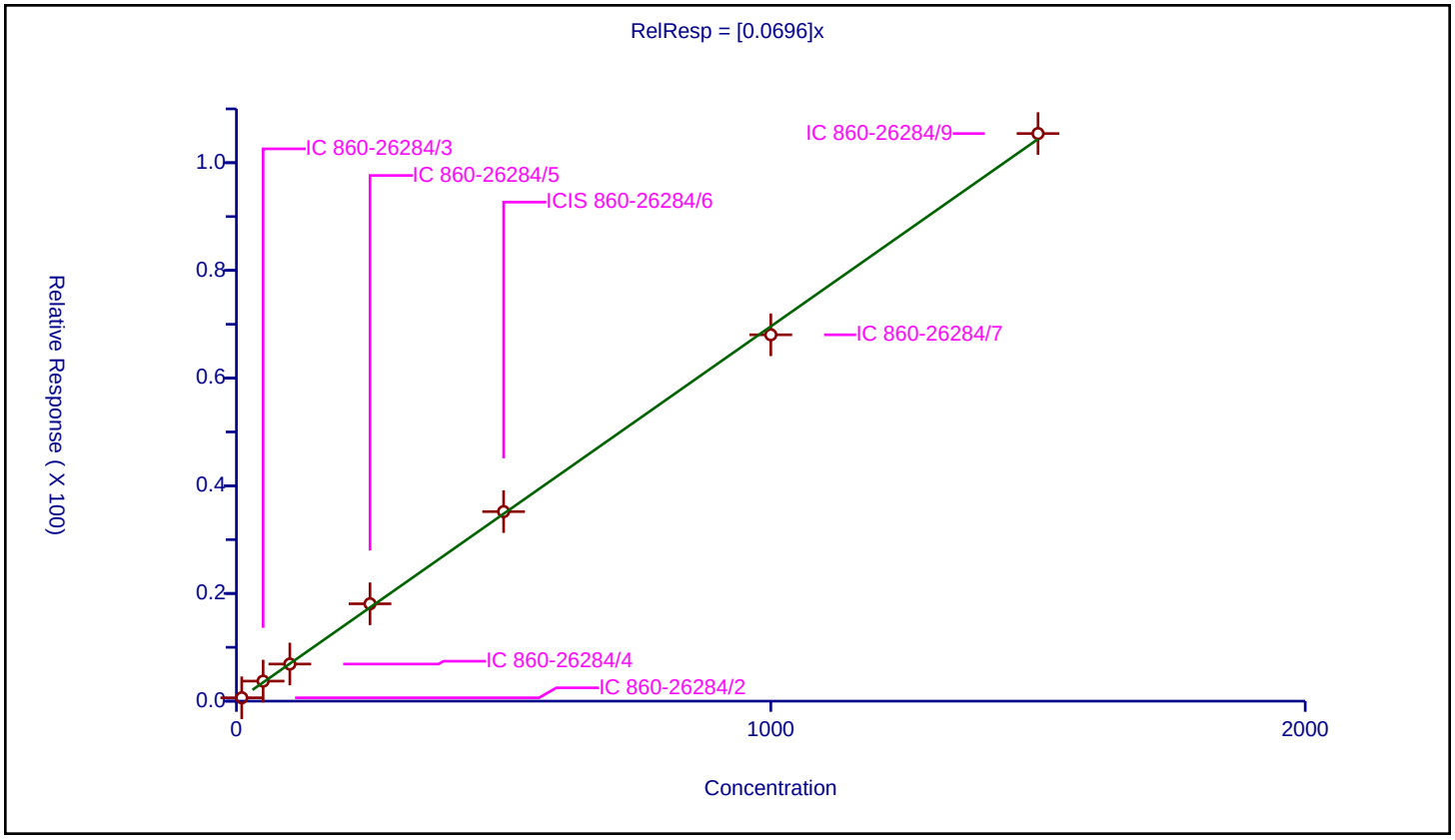
Curve Coefficients

Intercept:	0
Slope:	0.0696

Error Coefficients

Standard Error:	168000
Relative Standard Error:	5.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	10.0	0.627805	50.0	177603.0	0.06278	Y
2	IC 860-26284/3	50.0	3.721097	50.0	174505.0	0.074422	Y
3	IC 860-26284/4	100.0	6.891266	50.0	164723.0	0.068913	Y
4	IC 860-26284/5	250.0	18.083284	50.0	164641.0	0.072333	Y
5	ICIS 860-26284/6	500.0	35.205864	50.0	162632.0	0.070412	Y
6	IC 860-26284/7	1000.0	68.044986	50.0	154403.0	0.068045	Y
7	IC 860-26284/9	1500.0	105.419305	50.0	155555.0	0.07028	Y



Calibration / Ethyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

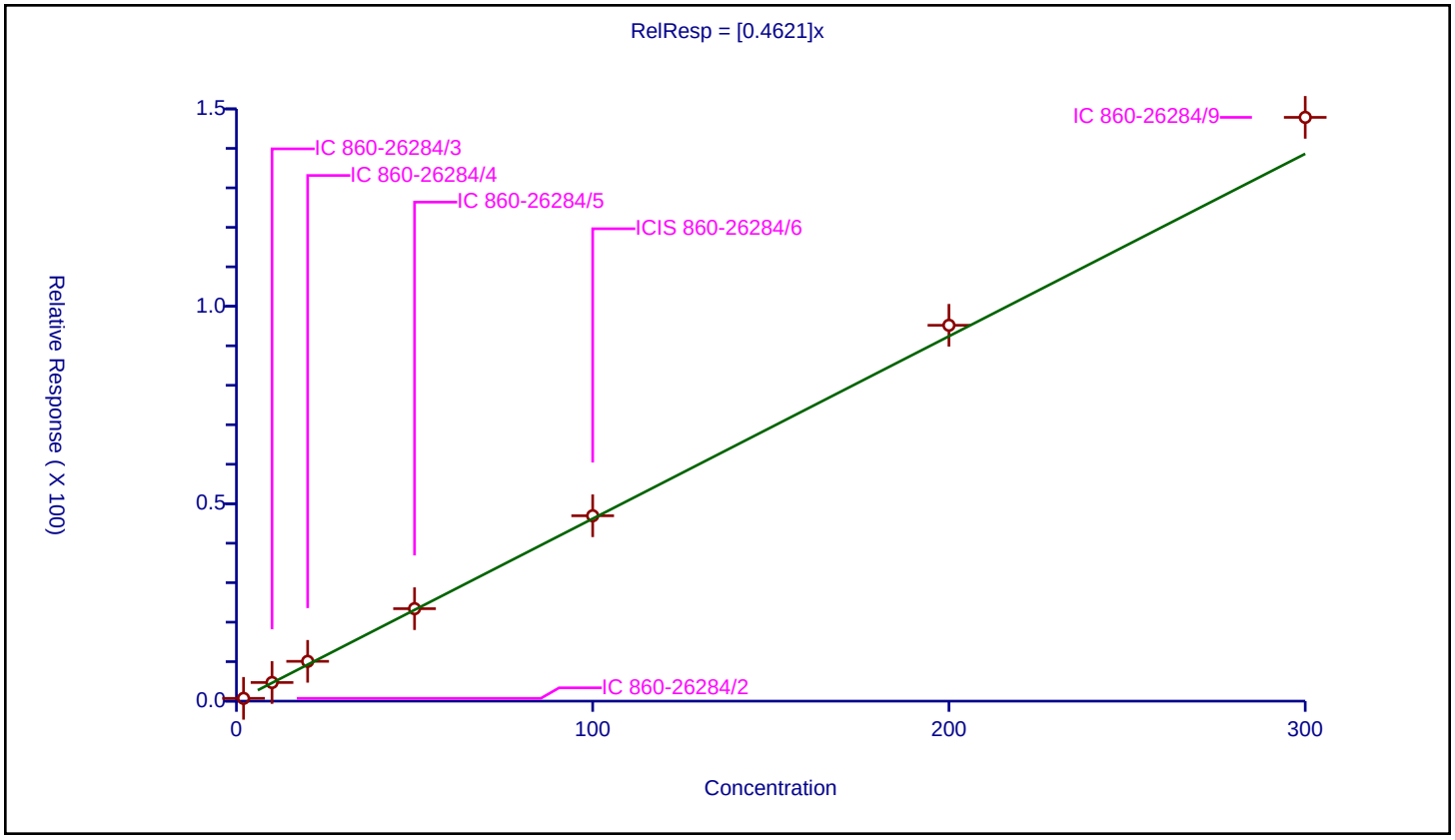
Curve Coefficients

Intercept:	0
Slope:	0.4621

Error Coefficients

Standard Error:	234000
Relative Standard Error:	10.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	2.0	0.70438	50.0	177603.0	0.35219	Y
2	IC 860-26284/3	10.0	4.715911	50.0	174505.0	0.471591	Y
3	IC 860-26284/4	20.0	10.080256	50.0	164723.0	0.504013	Y
4	IC 860-26284/5	50.0	23.420655	50.0	164641.0	0.468413	Y
5	ICIS 860-26284/6	100.0	46.951399	50.0	162632.0	0.469514	Y
6	IC 860-26284/7	200.0	95.197308	50.0	154403.0	0.475987	Y
7	IC 860-26284/9	300.0	147.852528	50.0	155555.0	0.492842	Y



Calibration / Methacrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

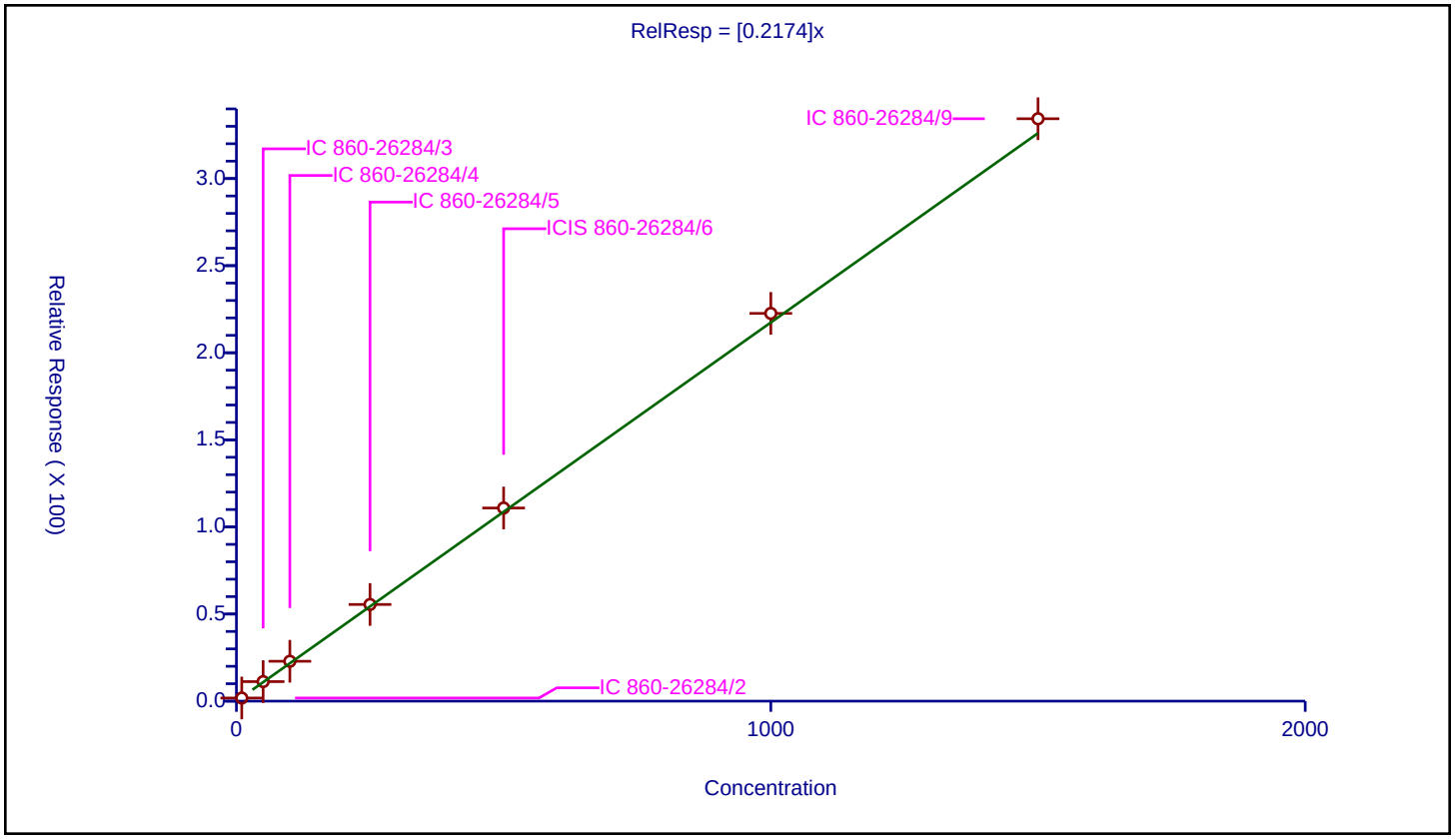
Curve Coefficients

Intercept:	0
Slope:	0.2174

Error Coefficients

Standard Error:	536000
Relative Standard Error:	7.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	10.0	1.79051	50.0	177603.0	0.179051	Y
2	IC 860-26284/3	50.0	11.221455	50.0	174505.0	0.224429	Y
3	IC 860-26284/4	100.0	22.892674	50.0	164723.0	0.228927	Y
4	IC 860-26284/5	250.0	55.500149	50.0	164641.0	0.222001	Y
5	ICIS 860-26284/6	500.0	110.87947	50.0	162632.0	0.221759	Y
6	IC 860-26284/7	1000.0	222.599302	50.0	154403.0	0.222599	Y
7	IC 860-26284/9	1500.0	334.338337	50.0	155555.0	0.222892	Y



Calibration / Chlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

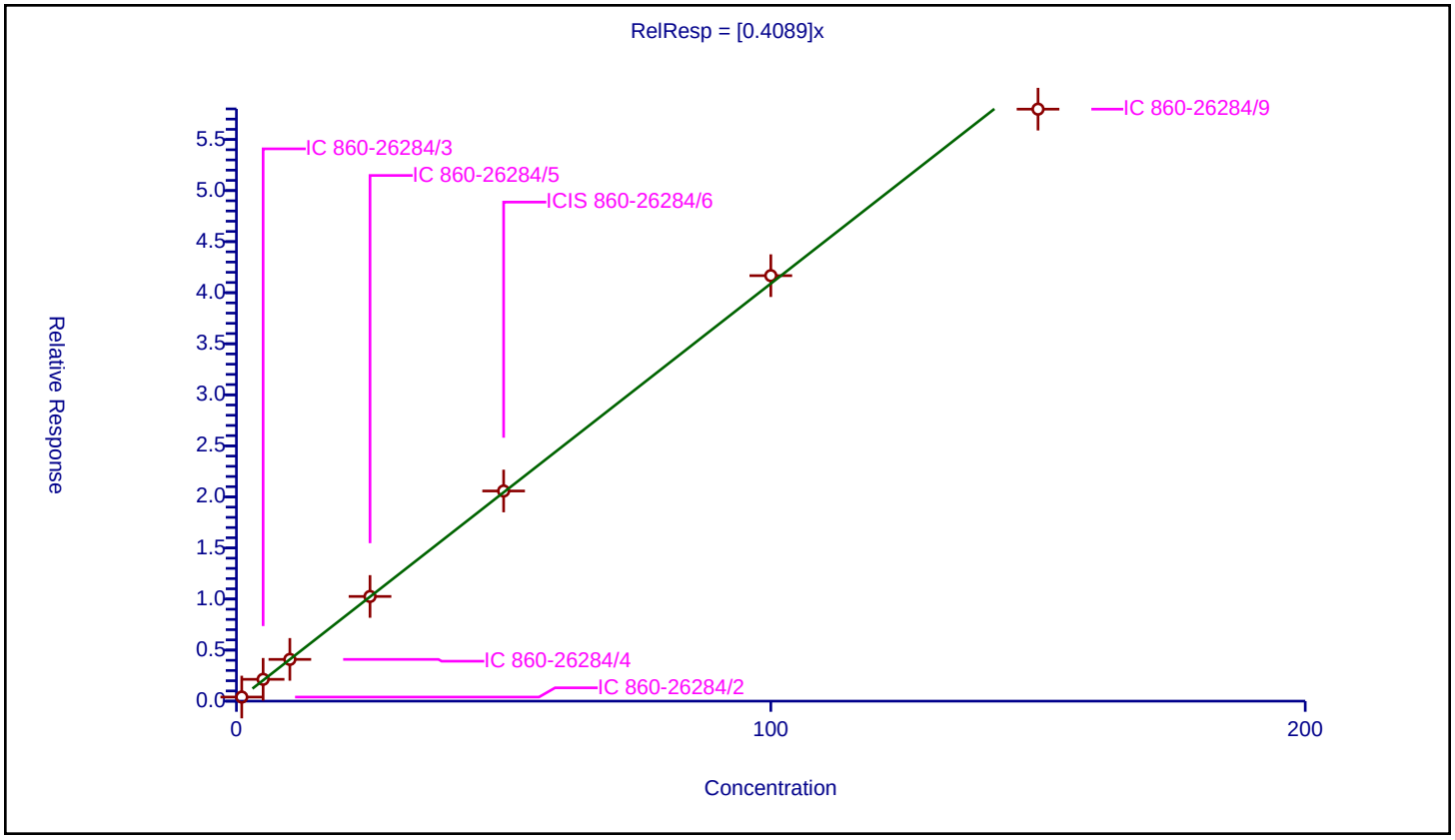
Curve Coefficients

Intercept:	0
Slope:	0.4089

Error Coefficients

Standard Error:	95700
Relative Standard Error:	3.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	0.401457	50.0	177603.0	0.401457	Y
2	IC 860-26284/3	5.0	2.136615	50.0	174505.0	0.427323	Y
3	IC 860-26284/4	10.0	4.087468	50.0	164723.0	0.408747	Y
4	IC 860-26284/5	25.0	10.251395	50.0	164641.0	0.410056	Y
5	ICIS 860-26284/6	50.0	20.579898	50.0	162632.0	0.411598	Y
6	IC 860-26284/7	100.0	41.669203	50.0	154403.0	0.416692	Y
7	IC 860-26284/9	150.0	57.97435	50.0	155555.0	0.386496	Y



Calibration / Tetrahydrofuran

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

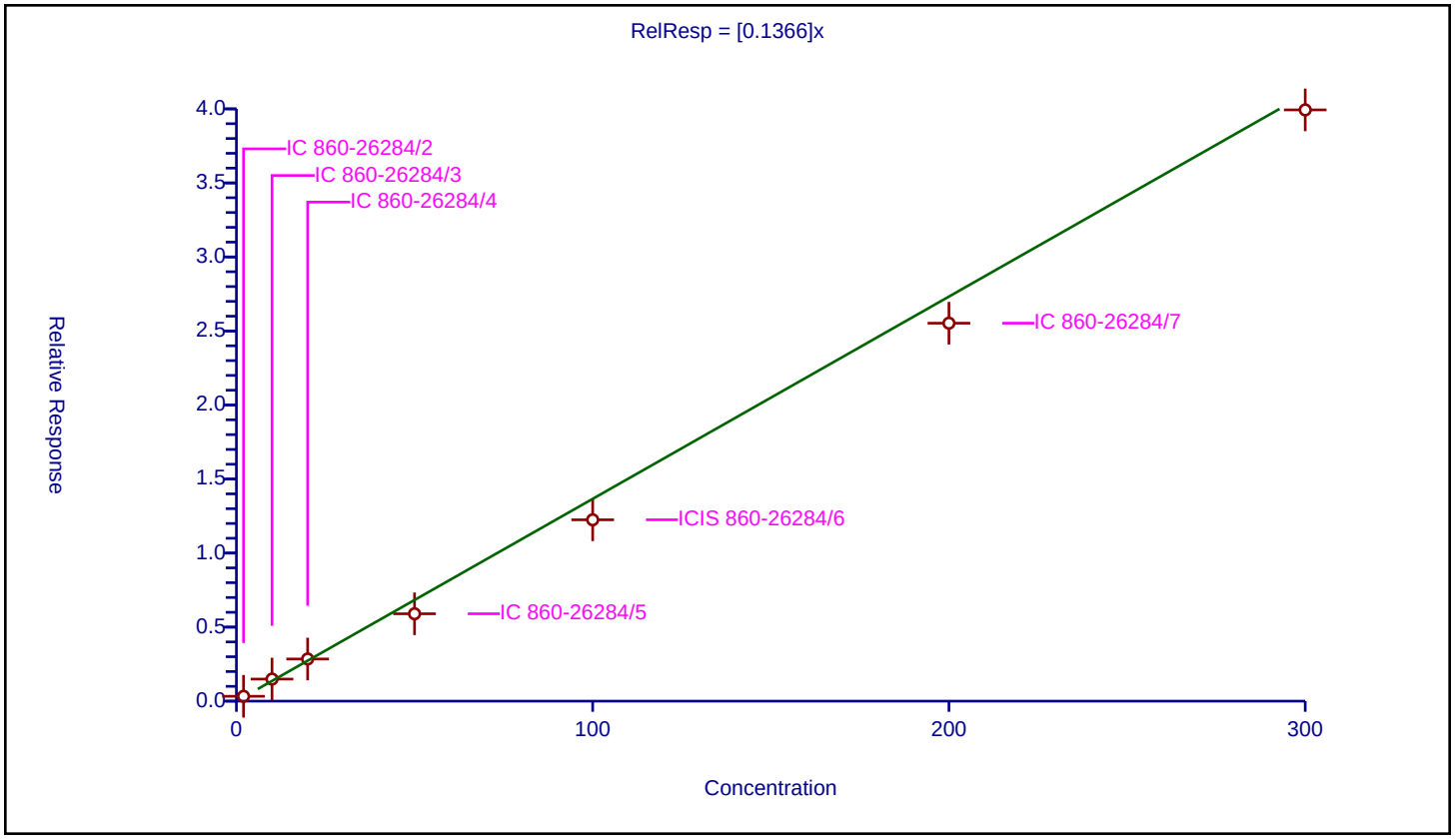
Curve Coefficients

Intercept:	0
Slope:	0.1366

Error Coefficients

Standard Error:	62900
Relative Standard Error:	11.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	2.0	0.327416	50.0	177603.0	0.163708	Y
2	IC 860-26284/3	10.0	1.489929	50.0	174505.0	0.148993	Y
3	IC 860-26284/4	20.0	2.847508	50.0	164723.0	0.142375	Y
4	IC 860-26284/5	50.0	5.901628	50.0	164641.0	0.118033	Y
5	ICIS 860-26284/6	100.0	12.24759	50.0	162632.0	0.122476	Y
6	IC 860-26284/7	200.0	25.525735	50.0	154403.0	0.127629	Y
7	IC 860-26284/9	300.0	39.931857	50.0	155555.0	0.133106	Y



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

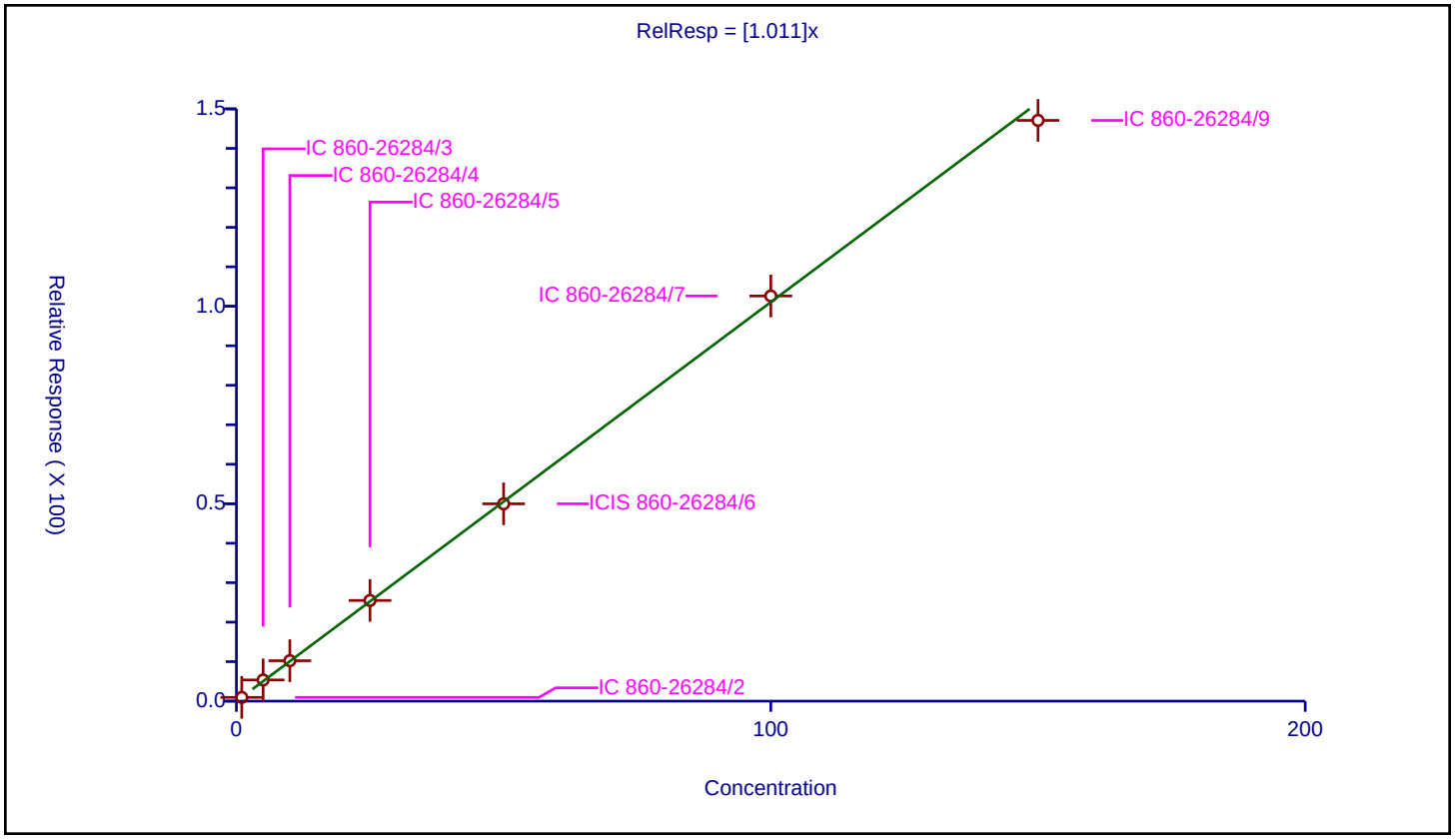
Curve Coefficients

Intercept:	0
Slope:	1.011

Error Coefficients

Standard Error:	240000
Relative Standard Error:	3.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	0.950153	50.0	177603.0	0.950153	Y
2	IC 860-26284/3	5.0	5.367181	50.0	174505.0	1.073436	Y
3	IC 860-26284/4	10.0	10.239311	50.0	164723.0	1.023931	Y
4	IC 860-26284/5	25.0	25.503672	50.0	164641.0	1.020147	Y
5	ICIS 860-26284/6	50.0	49.97479	50.0	162632.0	0.999496	Y
6	IC 860-26284/7	100.0	102.615558	50.0	154403.0	1.026156	Y
7	IC 860-26284/9	150.0	147.088168	50.0	155555.0	0.980588	Y



Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

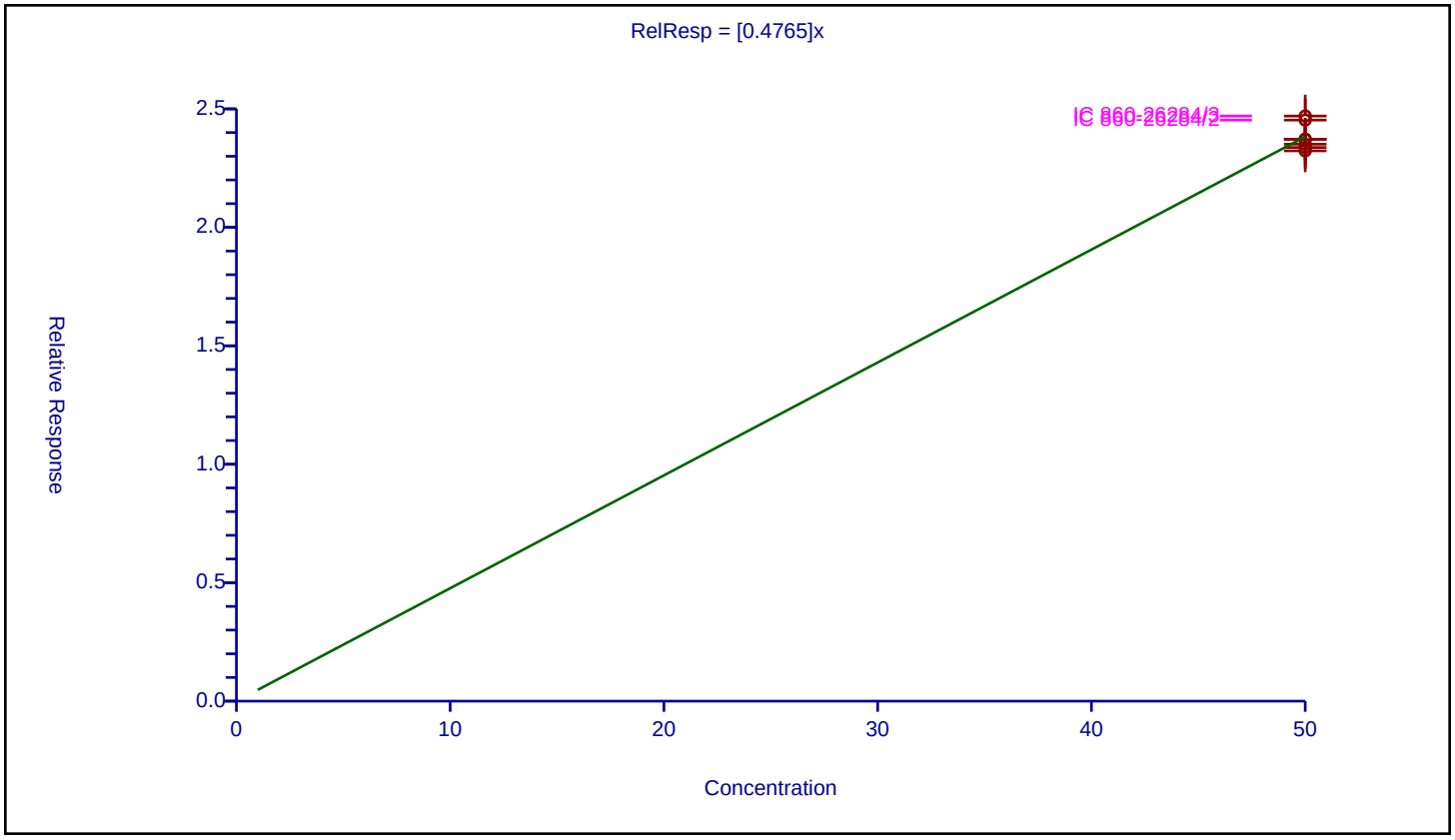
Curve Coefficients

Intercept:	0
Slope:	0.4765

Error Coefficients

Standard Error:	85100
Relative Standard Error:	2.4
Correlation Coefficient:	0.00000000000000000000
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	50.0	24.52802	50.0	177603.0	0.49056	Y
2	IC 860-26284/3	50.0	24.698719	50.0	174505.0	0.493974	Y
3	IC 860-26284/4	50.0	23.716178	50.0	164723.0	0.474324	Y
4	IC 860-26284/5	50.0	23.370546	50.0	164641.0	0.467411	Y
5	ICIS 860-26284/6	50.0	23.722576	50.0	162632.0	0.474452	Y
6	IC 860-26284/7	50.0	23.51023	50.0	154403.0	0.470205	Y
7	IC 860-26284/9	50.0	23.228762	50.0	155555.0	0.464575	Y



Calibration / 1,1,1-Trichloroethane

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

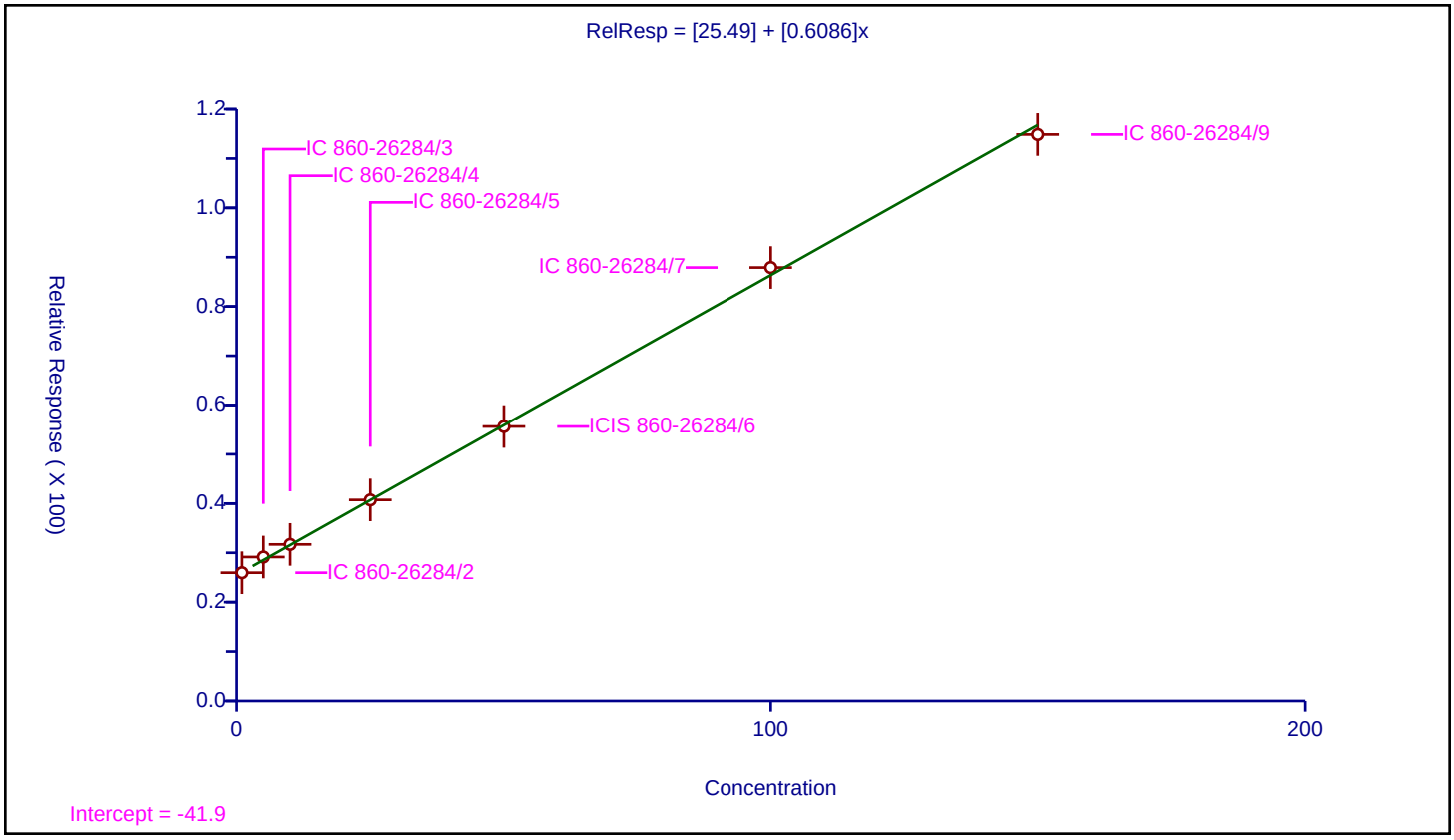
Curve Coefficients

Intercept:	25.49
Slope:	0.6086

Error Coefficients

Standard Error:	237000
Relative Standard Error:	13.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	25.96437	50.0	177603.0	25.96437	Y
2	IC 860-26284/3	5.0	29.149881	50.0	174505.0	5.829976	Y
3	IC 860-26284/4	10.0	31.709597	50.0	164723.0	3.17096	Y
4	IC 860-26284/5	25.0	40.739852	50.0	164641.0	1.629594	Y
5	ICIS 860-26284/6	50.0	55.642493	50.0	162632.0	1.11285	Y
6	IC 860-26284/7	100.0	87.905675	50.0	154403.0	0.879057	Y
7	IC 860-26284/9	150.0	114.868053	50.0	155555.0	0.765787	Y



Calibration / Cyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

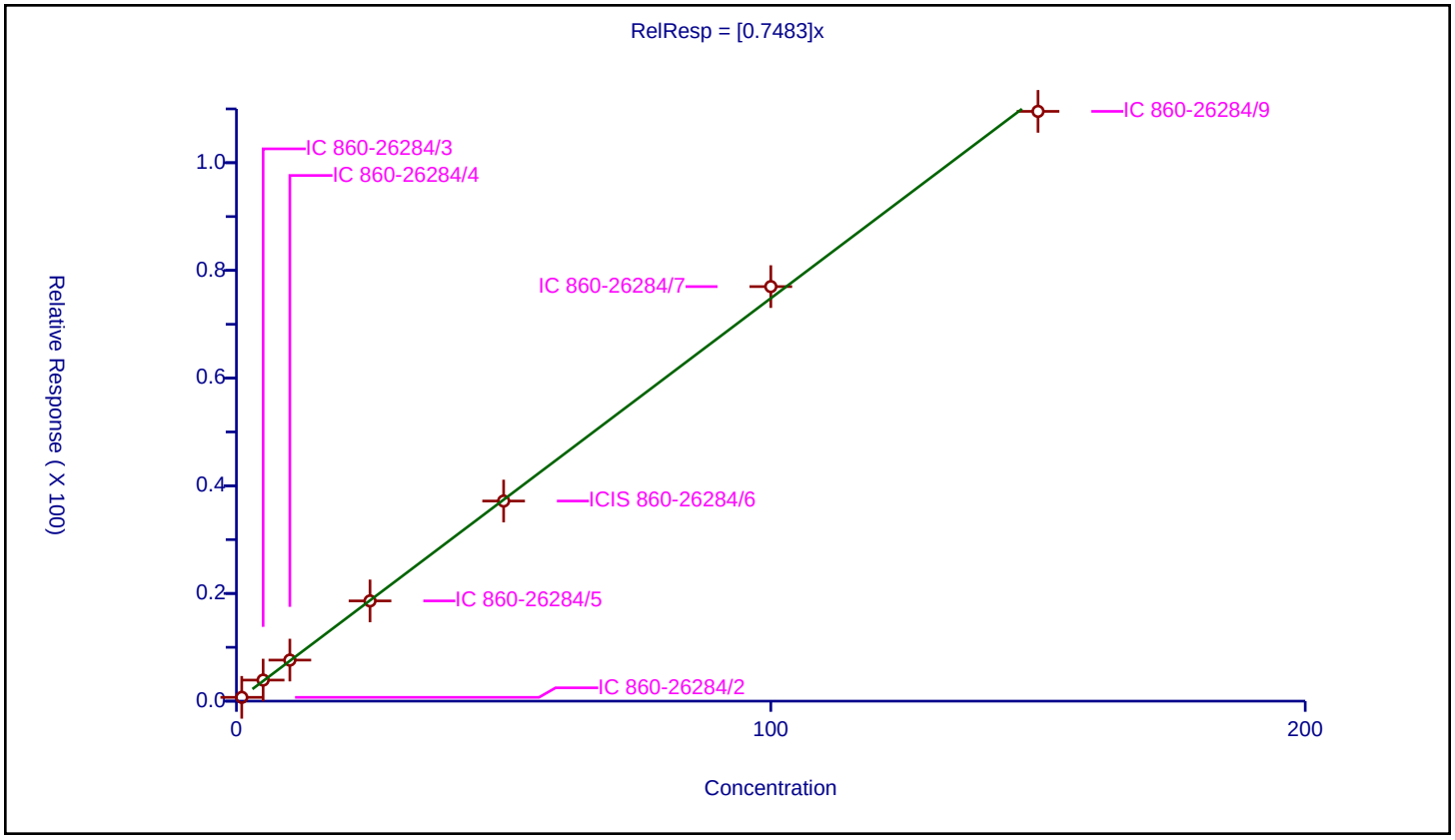
Curve Coefficients

Intercept:	0
Slope:	0.7483

Error Coefficients

Standard Error:	179000
Relative Standard Error:	3.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	0.705225	50.0	177603.0	0.705225	Y
2	IC 860-26284/3	5.0	3.910203	50.0	174505.0	0.782041	Y
3	IC 860-26284/4	10.0	7.624618	50.0	164723.0	0.762462	Y
4	IC 860-26284/5	25.0	18.616262	50.0	164641.0	0.74465	Y
5	ICIS 860-26284/6	50.0	37.16704	50.0	162632.0	0.743341	Y
6	IC 860-26284/7	100.0	76.996885	50.0	154403.0	0.769969	Y
7	IC 860-26284/9	150.0	109.53907	50.0	155555.0	0.73026	Y



Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

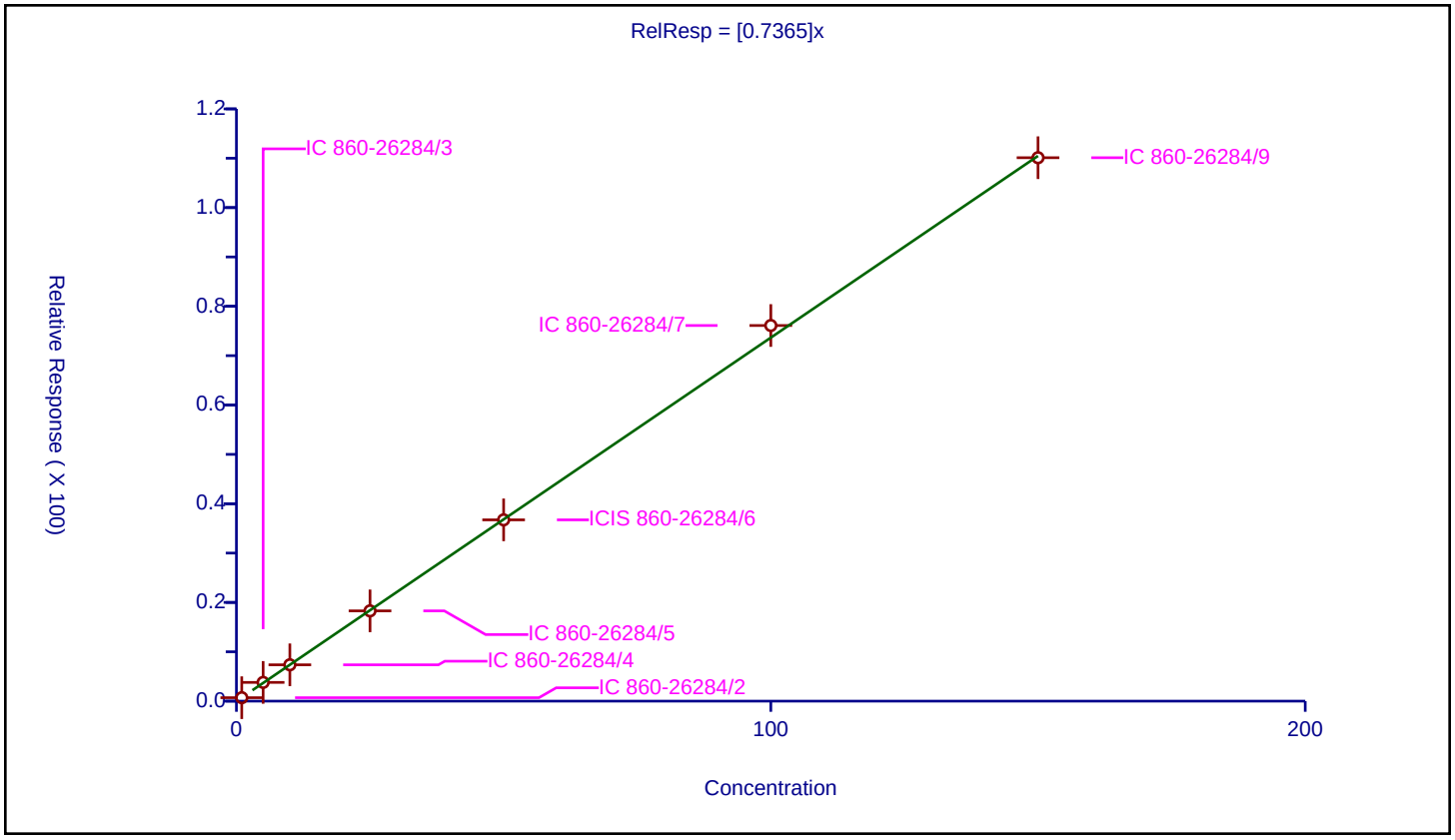
Curve Coefficients

Intercept:	0
Slope:	0.7365

Error Coefficients

Standard Error:	178000
Relative Standard Error:	2.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	0.699031	50.0	177603.0	0.699031	Y
2	IC 860-26284/3	5.0	3.794447	50.0	174505.0	0.758889	Y
3	IC 860-26284/4	10.0	7.362663	50.0	164723.0	0.736266	Y
4	IC 860-26284/5	25.0	18.291313	50.0	164641.0	0.731653	Y
5	ICIS 860-26284/6	50.0	36.731701	50.0	162632.0	0.734634	Y
6	IC 860-26284/7	100.0	76.109272	50.0	154403.0	0.761093	Y
7	IC 860-26284/9	150.0	110.106072	50.0	155555.0	0.73404	Y



Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

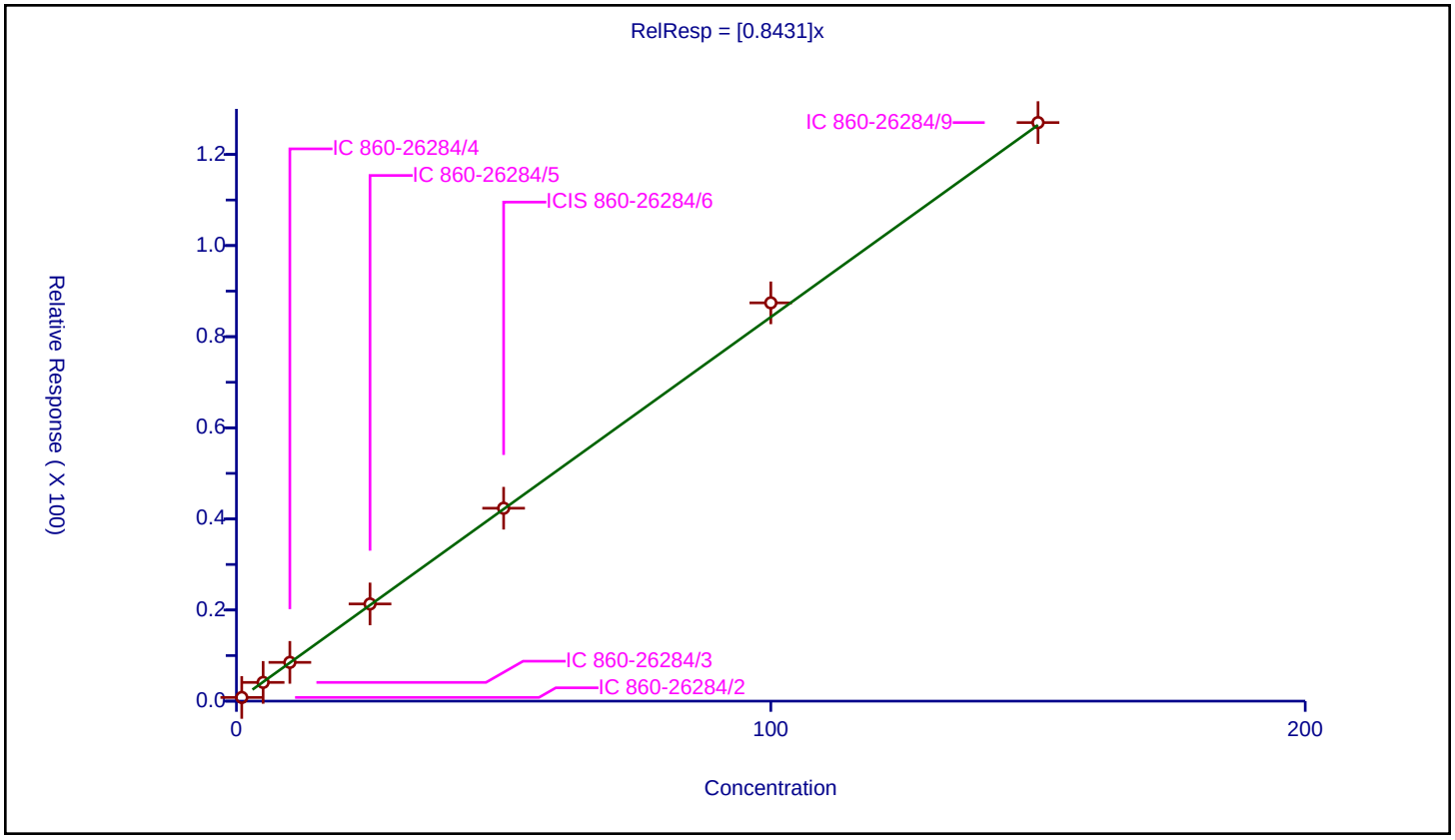
Curve Coefficients

Intercept:	0
Slope:	0.8431

Error Coefficients

Standard Error:	206000
Relative Standard Error:	2.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	0.806856	50.0	177603.0	0.806856	Y
2	IC 860-26284/3	5.0	4.112776	50.0	174505.0	0.822555	Y
3	IC 860-26284/4	10.0	8.509437	50.0	164723.0	0.850944	Y
4	IC 860-26284/5	25.0	21.333993	50.0	164641.0	0.85336	Y
5	ICIS 860-26284/6	50.0	42.346525	50.0	162632.0	0.84693	Y
6	IC 860-26284/7	100.0	87.427705	50.0	154403.0	0.874277	Y
7	IC 860-26284/9	150.0	126.995918	50.0	155555.0	0.846639	Y



Calibration / Isobutyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

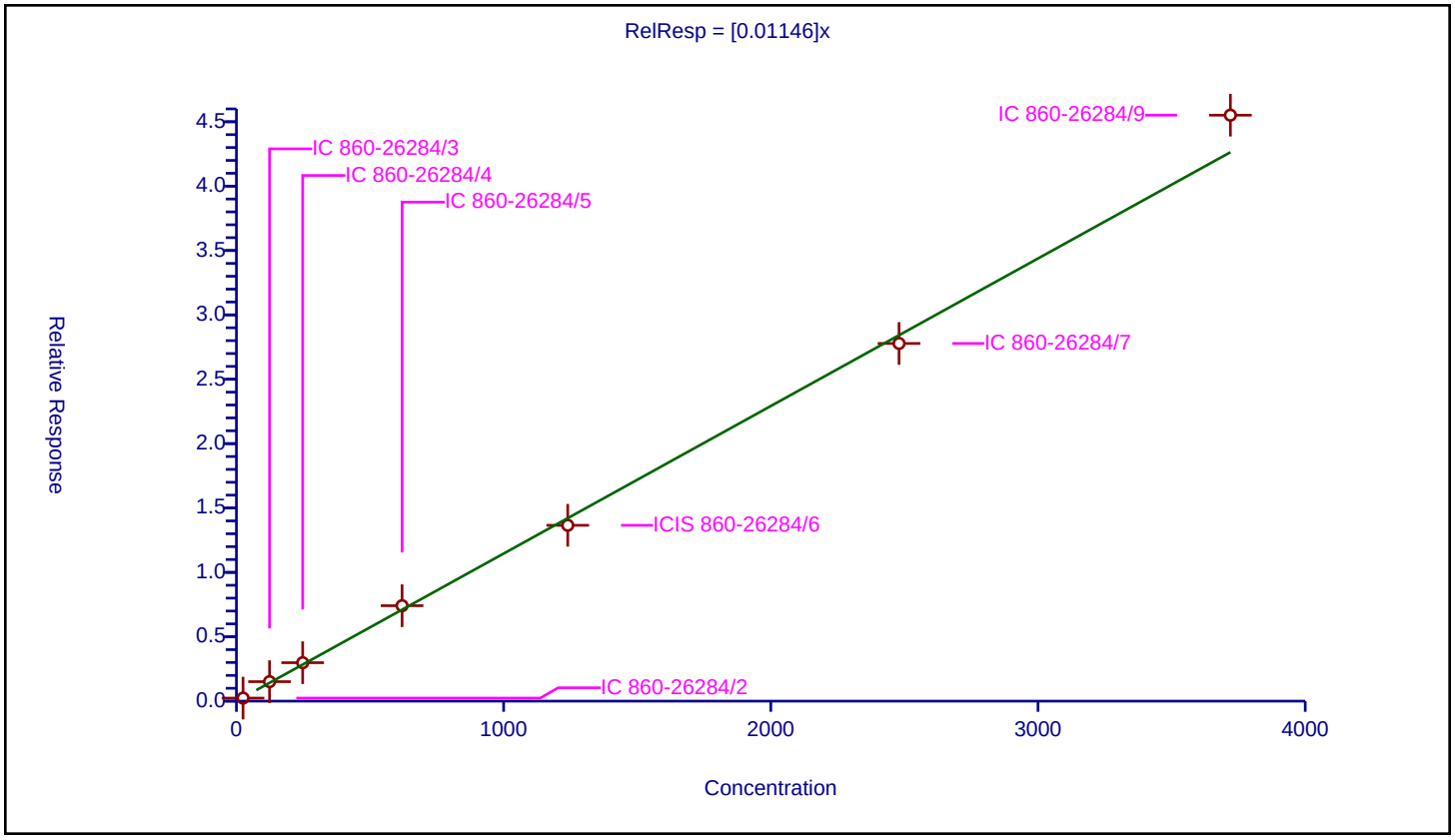
Curve Coefficients

Intercept:	0
Slope:	0.01146

Error Coefficients

Standard Error:	98900
Relative Standard Error:	8.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	24.8	0.237351	50.0	244574.0	0.009571	Y
2	IC 860-26284/3	124.0	1.513656	50.0	246159.0	0.012207	Y
3	IC 860-26284/4	248.0	2.985901	50.0	232074.0	0.01204	Y
4	IC 860-26284/5	620.0	7.412783	50.0	231492.0	0.011956	Y
5	ICIS 860-26284/6	1240.0	13.65905	50.0	232421.0	0.011015	Y
6	IC 860-26284/7	2480.0	27.782075	50.0	217212.0	0.011202	Y
7	IC 860-26284/9	3720.0	45.5115	50.0	216041.0	0.012234	Y



Calibration / 1,2-Dichloroethane-d4 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

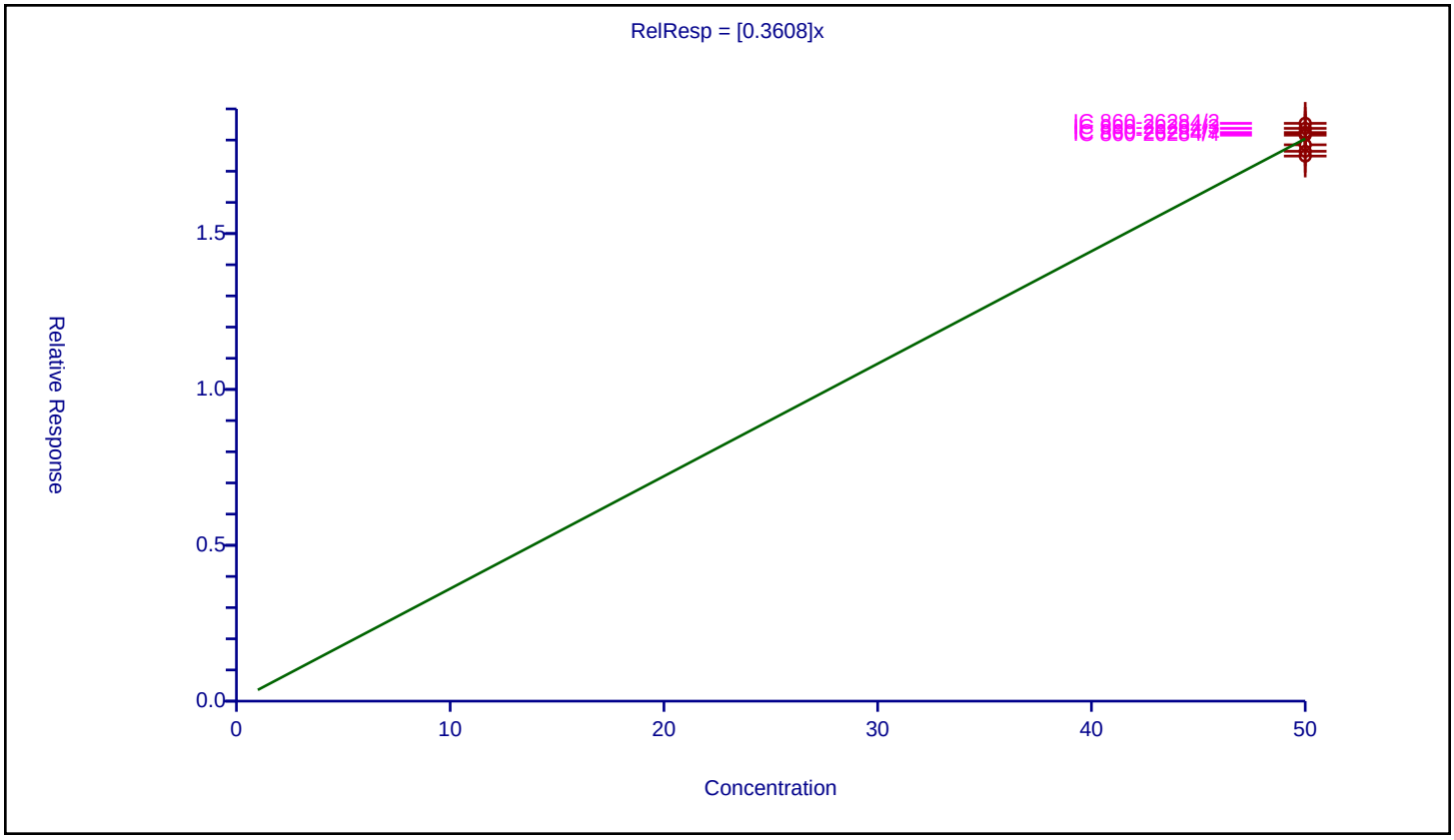
Curve Coefficients

Intercept:	0
Slope:	0.3608

Error Coefficients

Standard Error:	90400
Relative Standard Error:	2.2
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	50.0	18.536925	50.0	244574.0	0.370739	Y
2	IC 860-26284/3	50.0	18.375115	50.0	246159.0	0.367502	Y
3	IC 860-26284/4	50.0	18.157786	50.0	232074.0	0.363156	Y
4	IC 860-26284/5	50.0	17.486349	50.0	231492.0	0.349727	Y
5	ICIS 860-26284/6	50.0	17.640403	50.0	232421.0	0.352808	Y
6	IC 860-26284/7	50.0	18.242316	50.0	217212.0	0.364846	Y
7	IC 860-26284/9	50.0	17.848233	50.0	216041.0	0.356965	Y



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

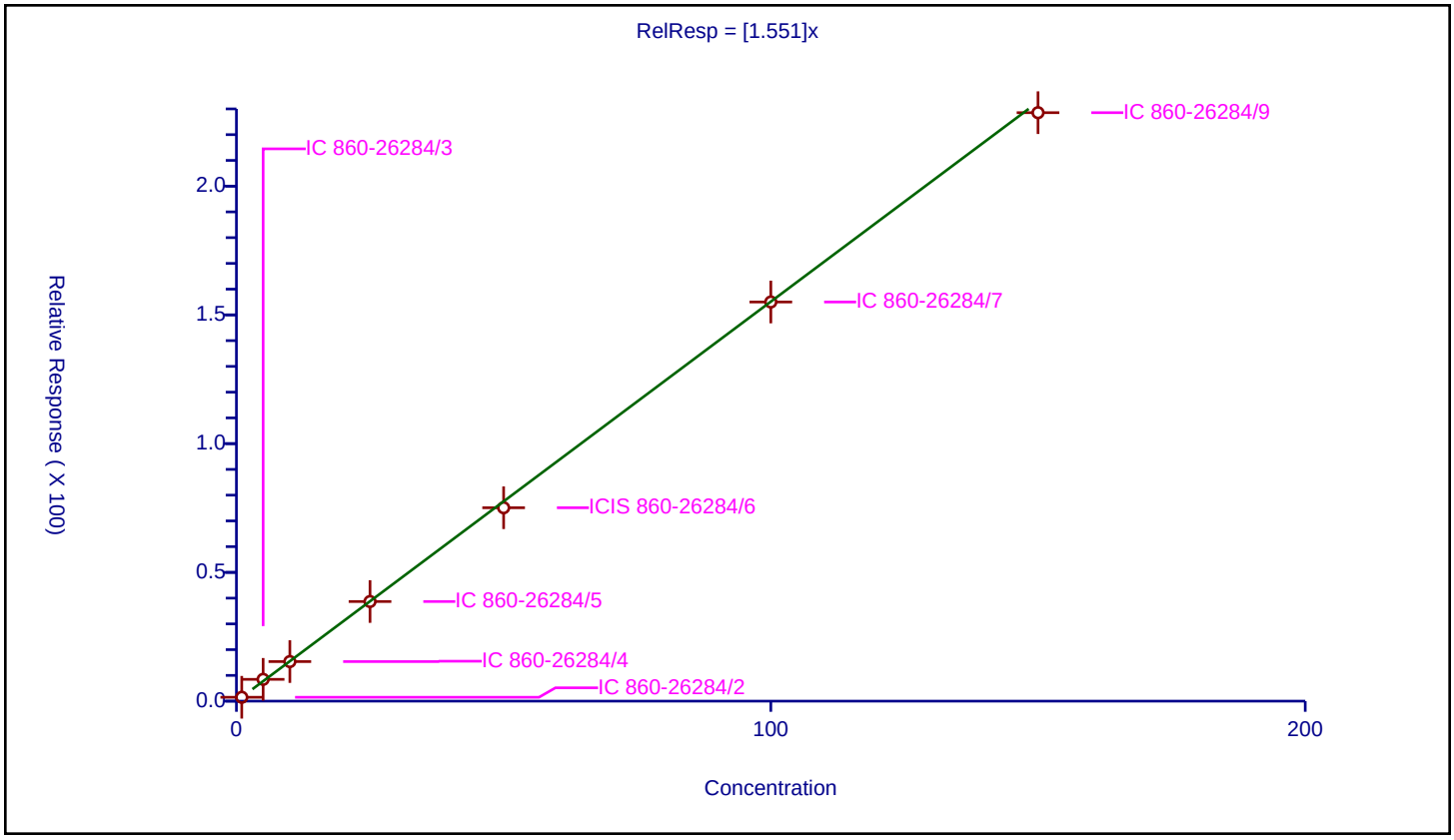
Curve Coefficients

Intercept:	0
Slope:	1.551

Error Coefficients

Standard Error:	515000
Relative Standard Error:	4.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	1.508133	50.0	244574.0	1.508133	Y
2	IC 860-26284/3	5.0	8.461604	50.0	246159.0	1.692321	Y
3	IC 860-26284/4	10.0	15.36665	50.0	232074.0	1.536665	Y
4	IC 860-26284/5	25.0	38.687298	50.0	231492.0	1.547492	Y
5	ICIS 860-26284/6	50.0	75.10638	50.0	232421.0	1.502128	Y
6	IC 860-26284/7	100.0	155.006169	50.0	217212.0	1.550062	Y
7	IC 860-26284/9	150.0	228.530001	50.0	216041.0	1.523533	Y



Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

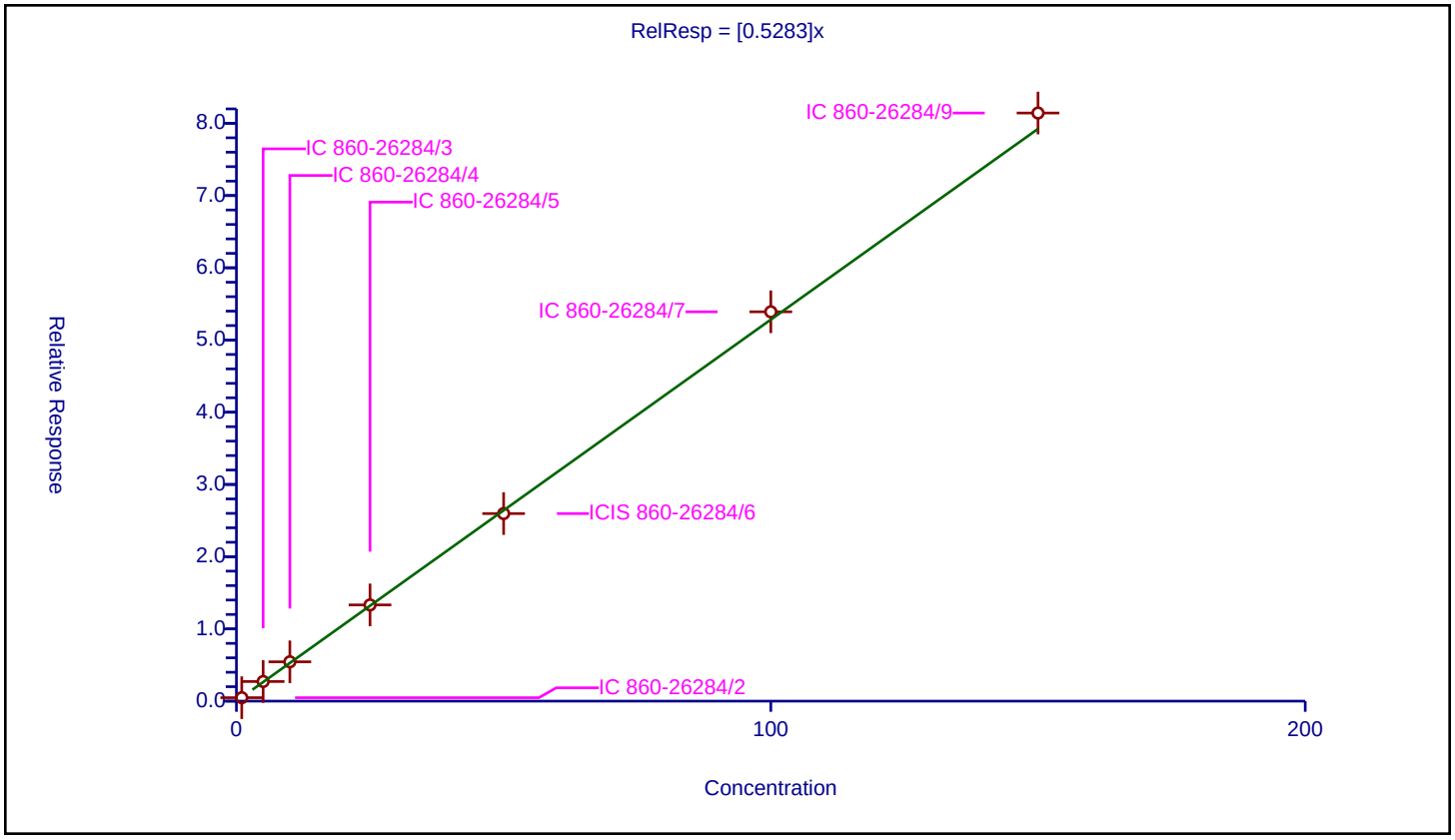
Curve Coefficients

Intercept:	0
Slope:	0.5283

Error Coefficients

Standard Error:	182000
Relative Standard Error:	4.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	0.475725	50.0	244574.0	0.475725	Y
2	IC 860-26284/3	5.0	2.71674	50.0	246159.0	0.543348	Y
3	IC 860-26284/4	10.0	5.44503	50.0	232074.0	0.544503	Y
4	IC 860-26284/5	25.0	13.322275	50.0	231492.0	0.532891	Y
5	ICIS 860-26284/6	50.0	25.968824	50.0	232421.0	0.519376	Y
6	IC 860-26284/7	100.0	53.908163	50.0	217212.0	0.539082	Y
7	IC 860-26284/9	150.0	81.427831	50.0	216041.0	0.542852	Y



Calibration / Isooctane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

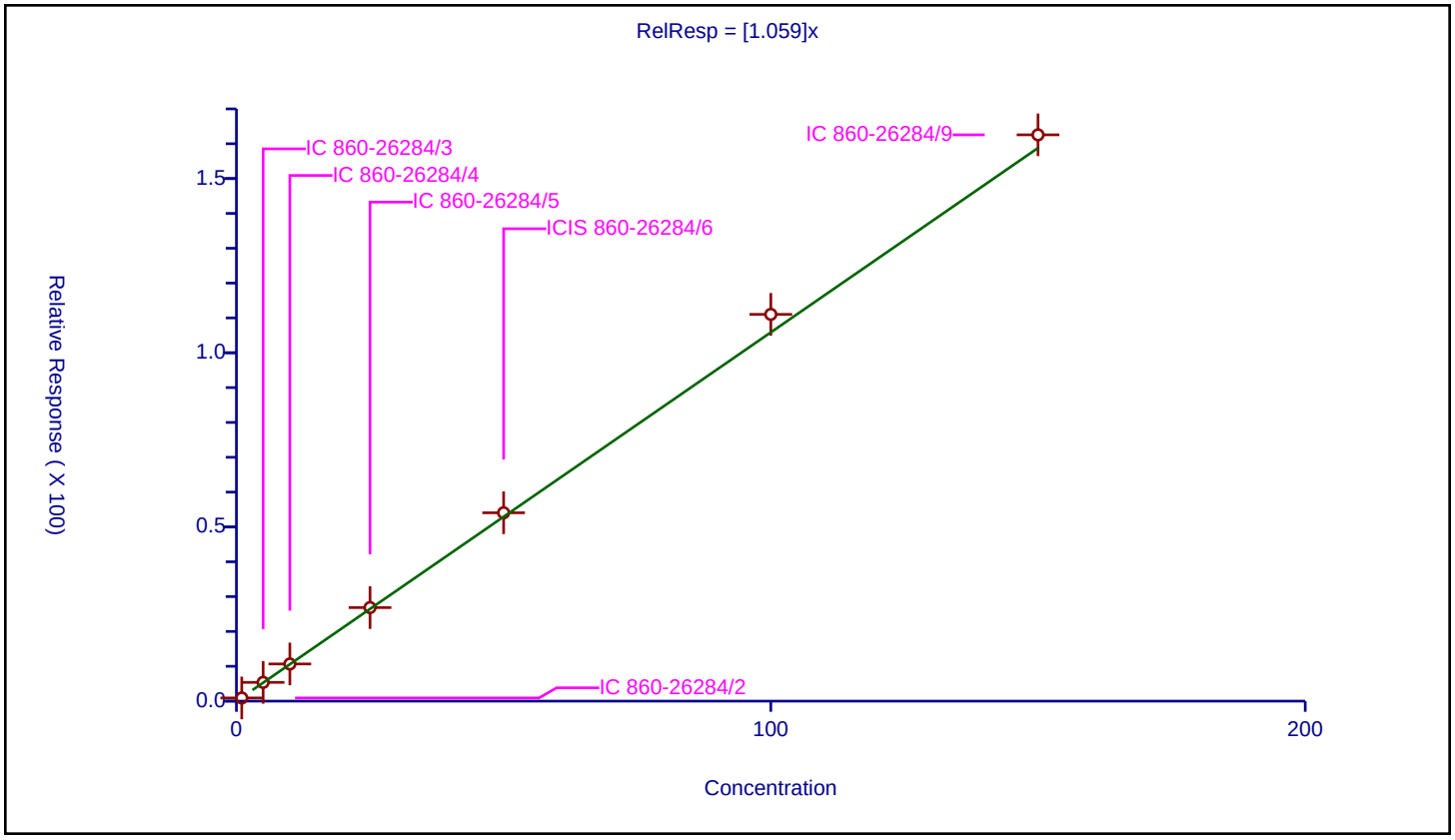
Curve Coefficients

Intercept:	0
Slope:	1.059

Error Coefficients

Standard Error:	367000
Relative Standard Error:	6.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	0.916696	50.0	244574.0	0.916696	Y
2	IC 860-26284/3	5.0	5.383715	50.0	246159.0	1.076743	Y
3	IC 860-26284/4	10.0	10.668364	50.0	232074.0	1.066836	Y
4	IC 860-26284/5	25.0	26.85622	50.0	231492.0	1.074249	Y
5	ICIS 860-26284/6	50.0	54.068264	50.0	232421.0	1.081365	Y
6	IC 860-26284/7	100.0	111.018958	50.0	217212.0	1.11019	Y
7	IC 860-26284/9	150.0	162.552478	50.0	216041.0	1.083683	Y



Calibration / Tert-amyl methyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

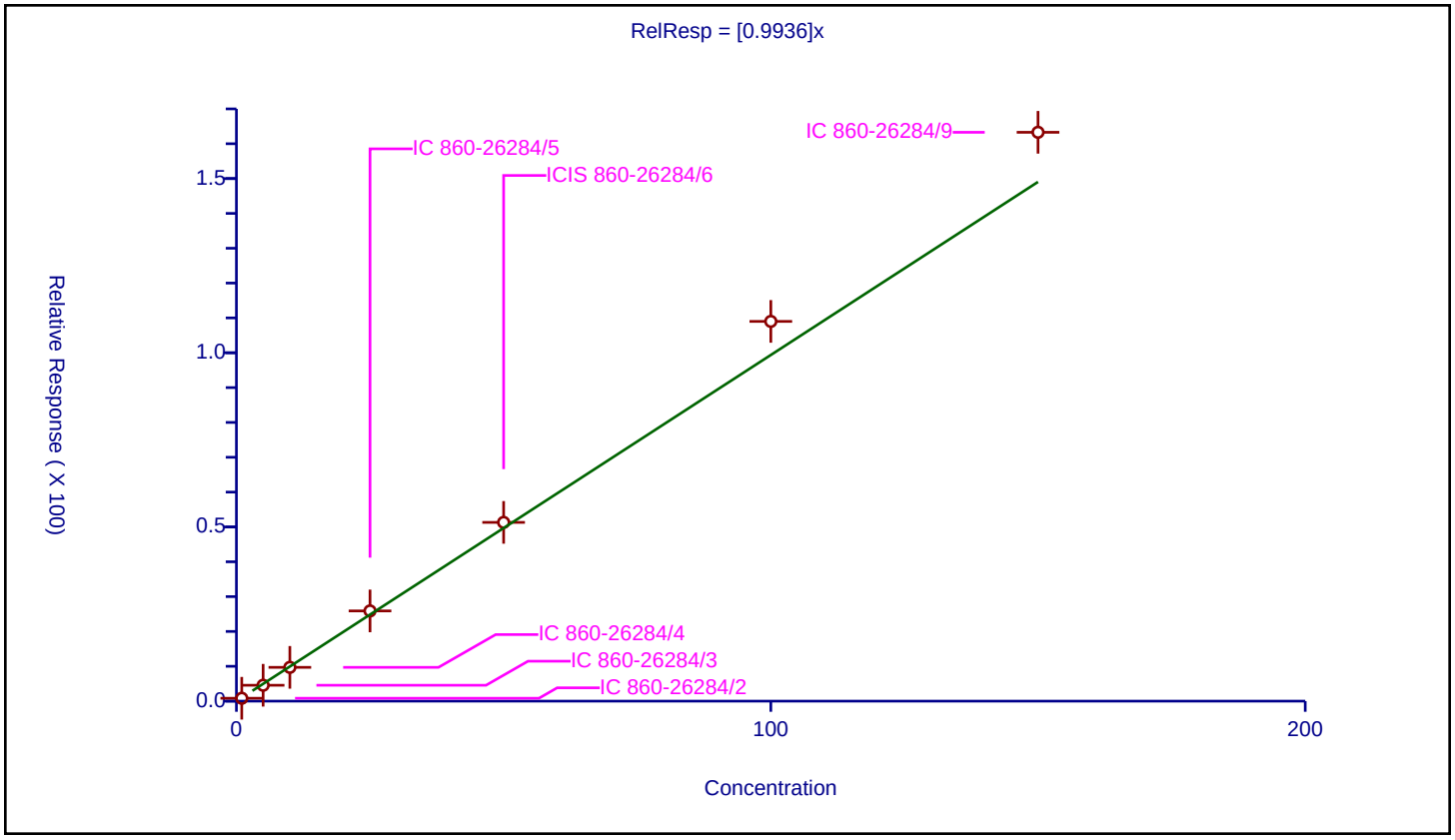
Curve Coefficients

Intercept:	0
Slope:	0.9936

Error Coefficients

Standard Error:	364000
Relative Standard Error:	9.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	0.832263	50.0	244574.0	0.832263	Y
2	IC 860-26284/3	5.0	4.563108	50.0	246159.0	0.912622	Y
3	IC 860-26284/4	10.0	9.697122	50.0	232074.0	0.969712	Y
4	IC 860-26284/5	25.0	25.900895	50.0	231492.0	1.036036	Y
5	ICIS 860-26284/6	50.0	51.306896	50.0	232421.0	1.026138	Y
6	IC 860-26284/7	100.0	108.998122	50.0	217212.0	1.089981	Y
7	IC 860-26284/9	150.0	163.281044	50.0	216041.0	1.08854	Y



Calibration / n-Butanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

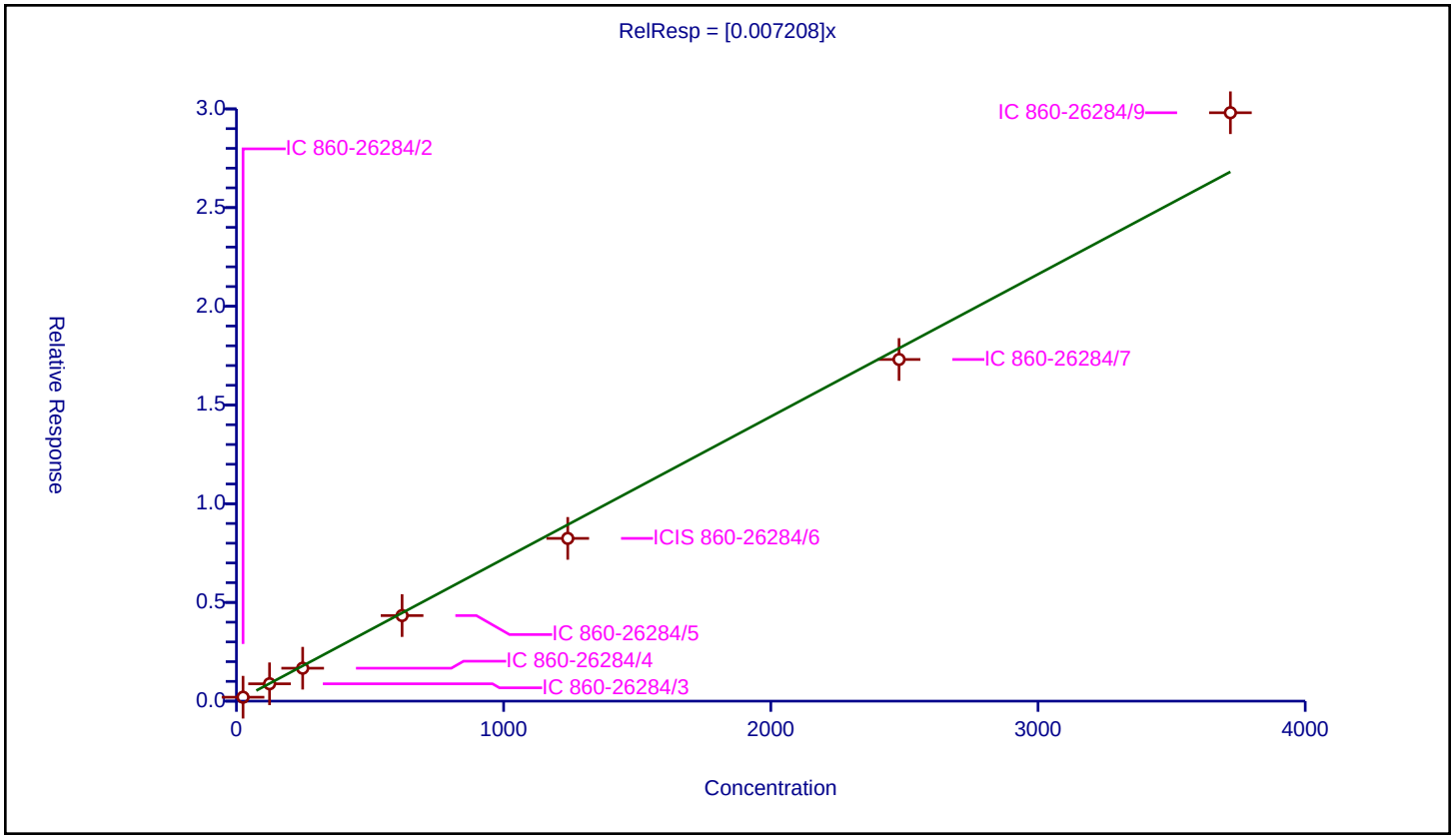
Curve Coefficients

Intercept:	0
Slope:	0.007208

Error Coefficients

Standard Error:	63500
Relative Standard Error:	7.9
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	24.8	0.198713	50.0	244574.0	0.008013	Y
2	IC 860-26284/3	124.0	0.878294	50.0	246159.0	0.007083	Y
3	IC 860-26284/4	248.0	1.668649	50.0	232074.0	0.006728	Y
4	IC 860-26284/5	620.0	4.334275	50.0	231492.0	0.006991	Y
5	ICIS 860-26284/6	1240.0	8.244307	50.0	232421.0	0.006649	Y
6	IC 860-26284/7	2480.0	17.307515	50.0	217212.0	0.006979	Y
7	IC 860-26284/9	3720.0	29.806148	50.0	216041.0	0.008012	Y



Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

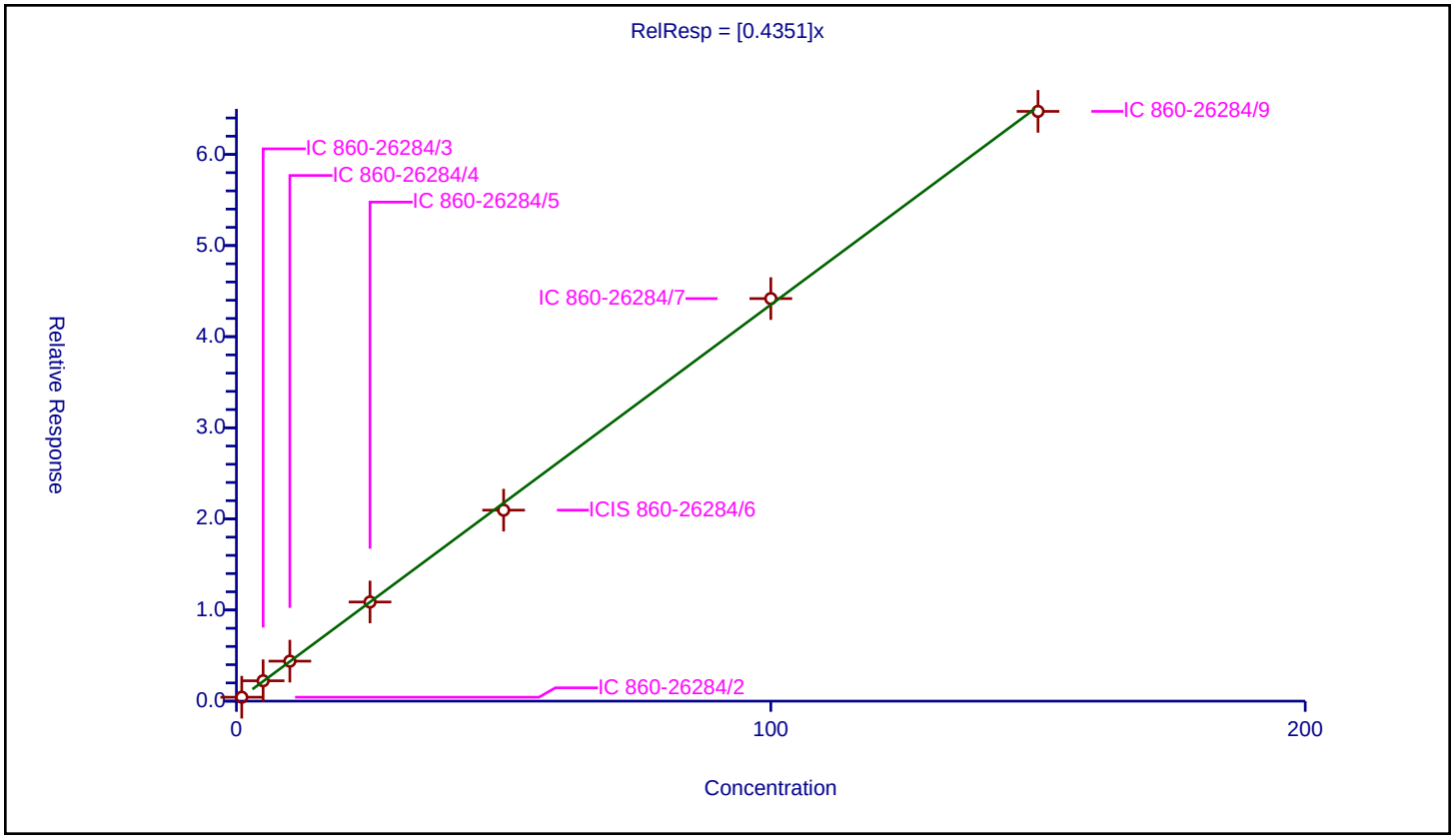
Curve Coefficients

Intercept:	0
Slope:	0.4351

Error Coefficients

Standard Error:	146000
Relative Standard Error:	2.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	0.431976	50.0	244574.0	0.431976	Y
2	IC 860-26284/3	5.0	2.234531	50.0	246159.0	0.446906	Y
3	IC 860-26284/4	10.0	4.388471	50.0	232074.0	0.438847	Y
4	IC 860-26284/5	25.0	10.882018	50.0	231492.0	0.435281	Y
5	ICIS 860-26284/6	50.0	20.961531	50.0	232421.0	0.419231	Y
6	IC 860-26284/7	100.0	44.182642	50.0	217212.0	0.441826	Y
7	IC 860-26284/9	150.0	64.726834	50.0	216041.0	0.431512	Y



Calibration / Methylcyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

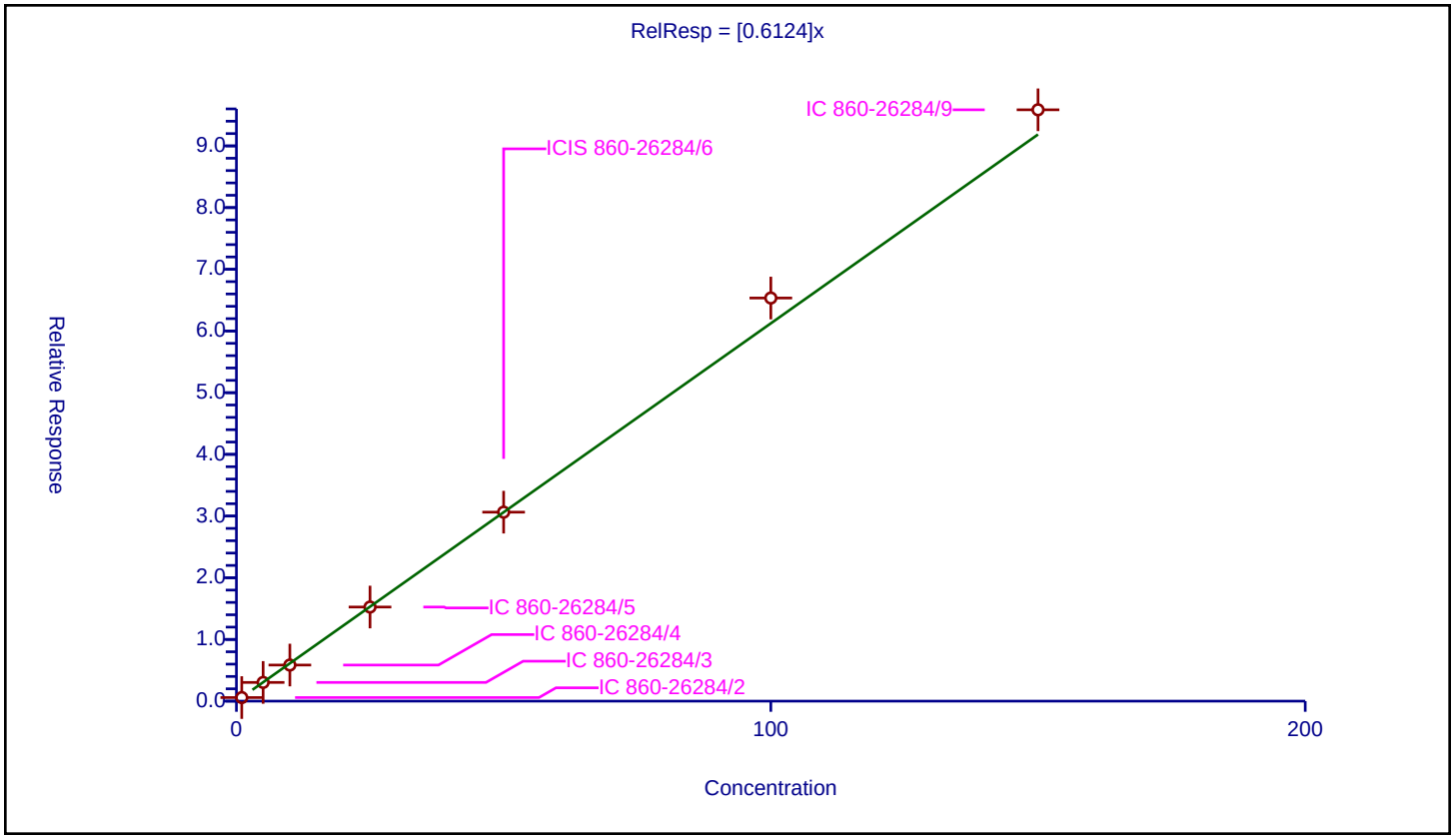
Curve Coefficients

Intercept:	0
Slope:	0.6124

Error Coefficients

Standard Error:	215000
Relative Standard Error:	4.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	0.579579	50.0	244574.0	0.579579	Y
2	IC 860-26284/3	5.0	3.031983	50.0	246159.0	0.606397	Y
3	IC 860-26284/4	10.0	5.852875	50.0	232074.0	0.585287	Y
4	IC 860-26284/5	25.0	15.254091	50.0	231492.0	0.610164	Y
5	ICIS 860-26284/6	50.0	30.632129	50.0	232421.0	0.612643	Y
6	IC 860-26284/7	100.0	65.344456	50.0	217212.0	0.653445	Y
7	IC 860-26284/9	150.0	95.852639	50.0	216041.0	0.639018	Y



Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

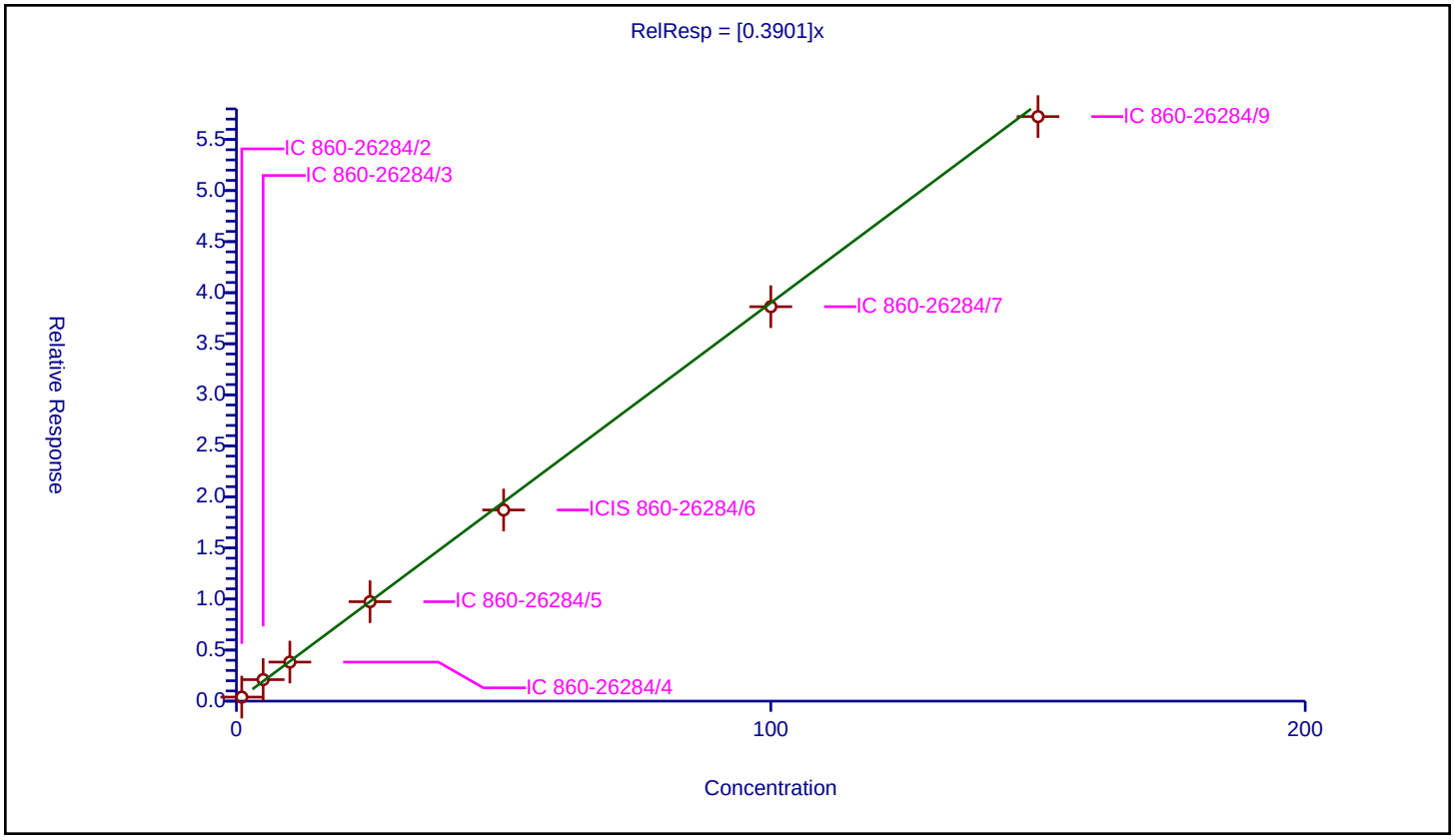
Curve Coefficients

Intercept:	0
Slope:	0.3901

Error Coefficients

Standard Error:	129000
Relative Standard Error:	3.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	0.394564	50.0	244574.0	0.394564	Y
2	IC 860-26284/3	5.0	2.107378	50.0	246159.0	0.421476	Y
3	IC 860-26284/4	10.0	3.825073	50.0	232074.0	0.382507	Y
4	IC 860-26284/5	25.0	9.739213	50.0	231492.0	0.389569	Y
5	ICIS 860-26284/6	50.0	18.720339	50.0	232421.0	0.374407	Y
6	IC 860-26284/7	100.0	38.628391	50.0	217212.0	0.386284	Y
7	IC 860-26284/9	150.0	57.247235	50.0	216041.0	0.381648	Y



Calibration / Methyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

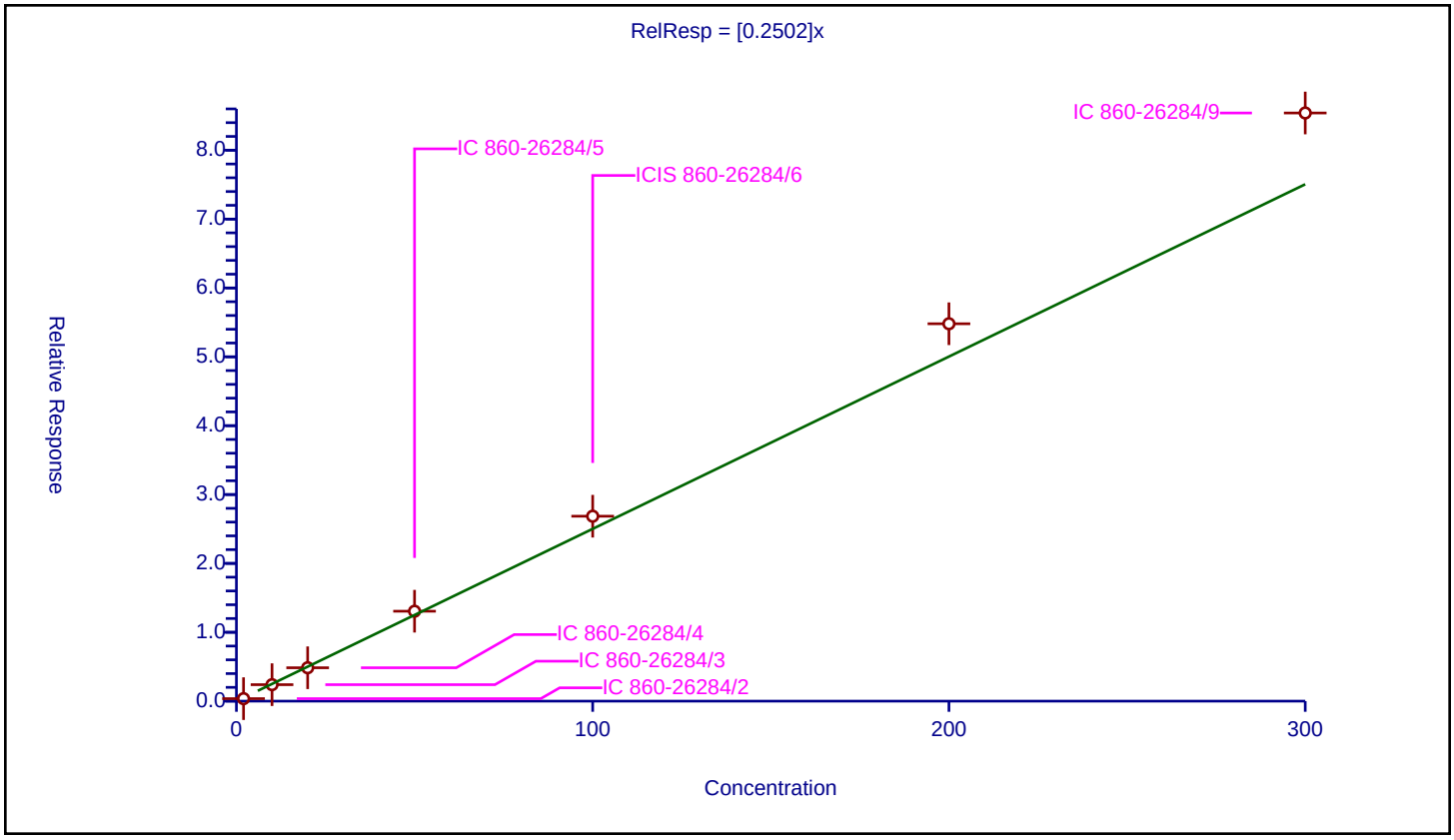
Curve Coefficients

Intercept:	0
Slope:	0.2502

Error Coefficients

Standard Error:	188000
Relative Standard Error:	13.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	2.0	0.362467	50.0	244574.0	0.181233	Y
2	IC 860-26284/3	10.0	2.392356	50.0	246159.0	0.239236	Y
3	IC 860-26284/4	20.0	4.846514	50.0	232074.0	0.242326	Y
4	IC 860-26284/5	50.0	13.057471	50.0	231492.0	0.261149	Y
5	ICIS 860-26284/6	100.0	26.852995	50.0	232421.0	0.26853	Y
6	IC 860-26284/7	200.0	54.800379	50.0	217212.0	0.274002	Y
7	IC 860-26284/9	300.0	85.403697	50.0	216041.0	0.284679	Y



Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

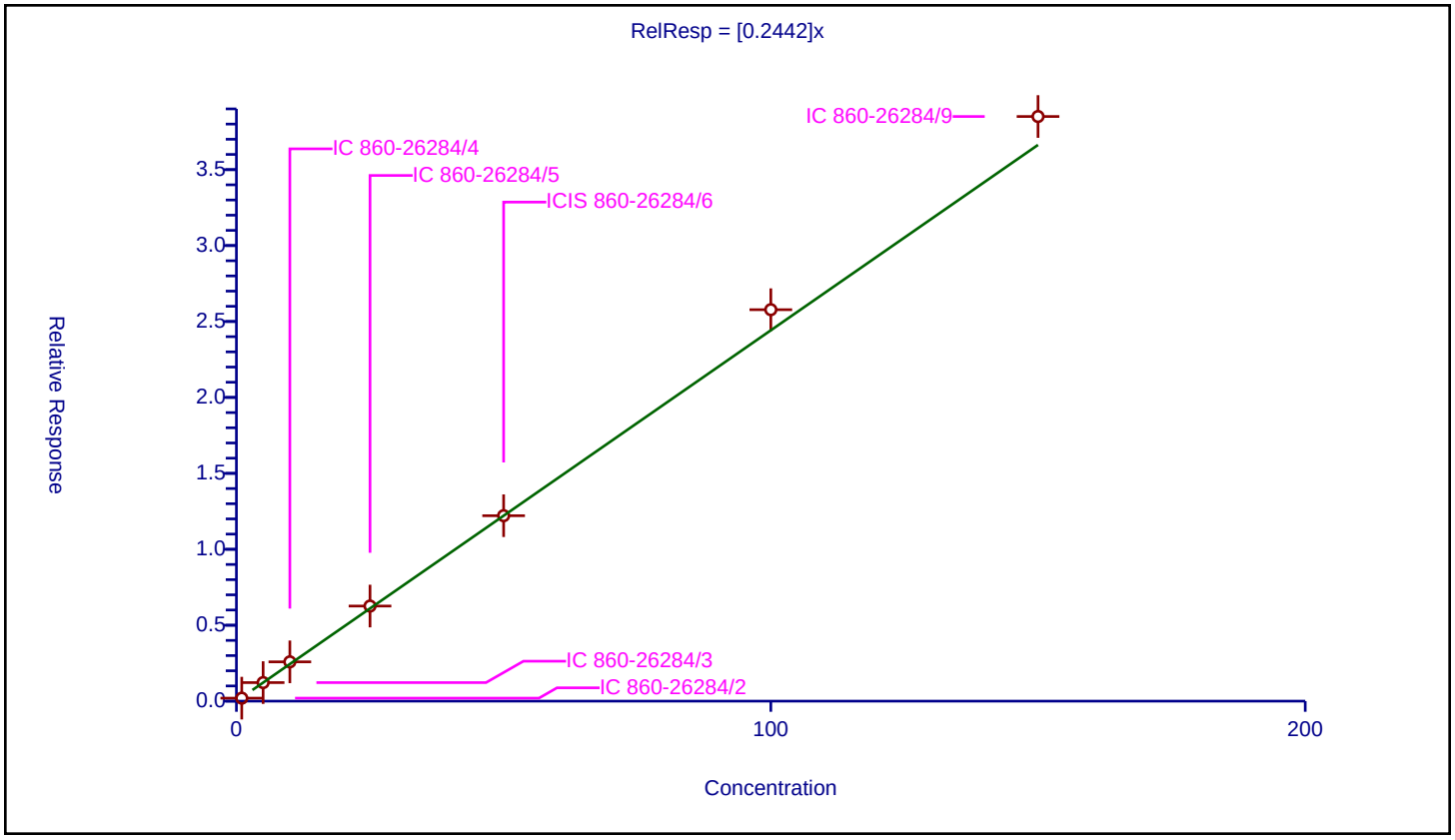
Curve Coefficients

Intercept:	0
Slope:	0.2442

Error Coefficients

Standard Error:	86100
Relative Standard Error:	8.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	0.197282	50.0	244574.0	0.197282	Y
2	IC 860-26284/3	5.0	1.220756	50.0	246159.0	0.244151	Y
3	IC 860-26284/4	10.0	2.587752	50.0	232074.0	0.258775	Y
4	IC 860-26284/5	25.0	6.261555	50.0	231492.0	0.250462	Y
5	ICIS 860-26284/6	50.0	12.211676	50.0	232421.0	0.244234	Y
6	IC 860-26284/7	100.0	25.778042	50.0	217212.0	0.25778	Y
7	IC 860-26284/9	150.0	38.497554	50.0	216041.0	0.25665	Y



Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

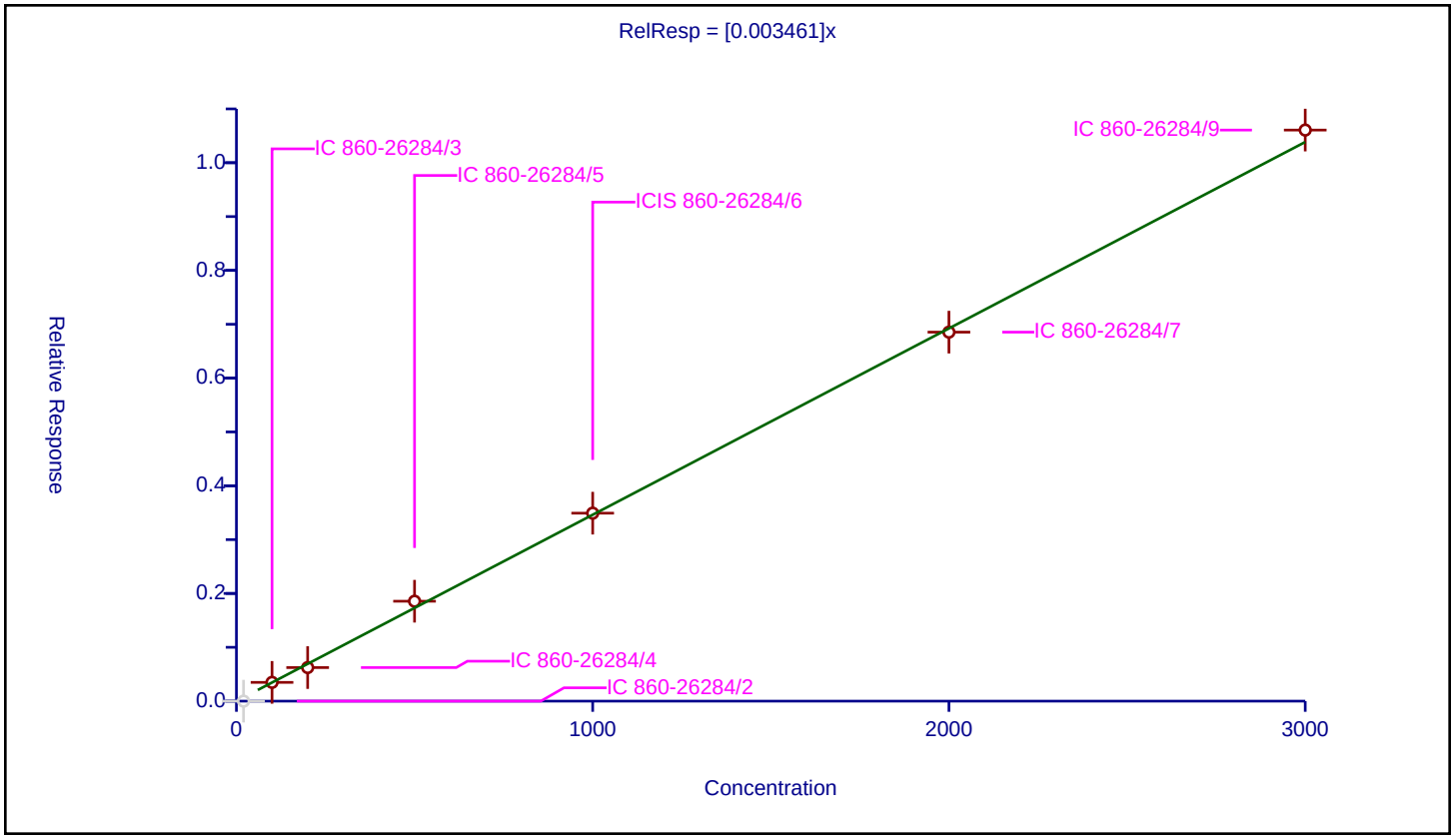
Curve Coefficients

Intercept:	0
Slope:	0.003461

Error Coefficients

Standard Error:	25800
Relative Standard Error:	5.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	20.0	0.0	50.0	244574.0	0.0	N
2	IC 860-26284/3	100.0	0.348555	50.0	246159.0	0.003486	Y
3	IC 860-26284/4	200.0	0.623723	50.0	232074.0	0.003119	Y
4	IC 860-26284/5	500.0	1.855572	50.0	231492.0	0.003711	Y
5	ICIS 860-26284/6	1000.0	3.491294	50.0	232421.0	0.003491	Y
6	IC 860-26284/7	2000.0	6.853673	50.0	217212.0	0.003427	Y
7	IC 860-26284/9	3000.0	10.606552	50.0	216041.0	0.003536	Y



Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

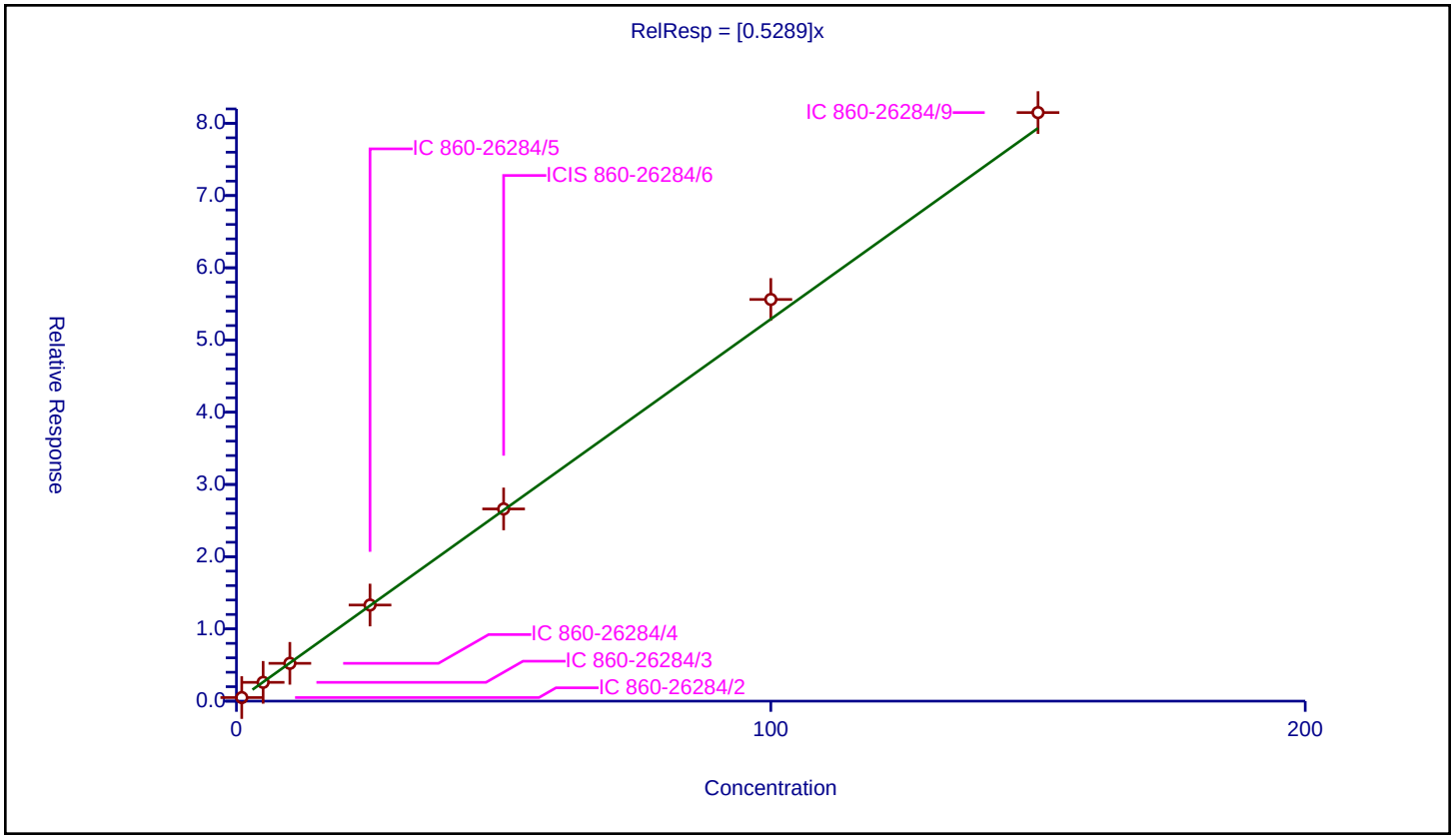
Curve Coefficients

Intercept:	0
Slope:	0.5289

Error Coefficients

Standard Error:	184000
Relative Standard Error:	3.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	0.494533	50.0	244574.0	0.494533	Y
2	IC 860-26284/3	5.0	2.602586	50.0	246159.0	0.520517	Y
3	IC 860-26284/4	10.0	5.235399	50.0	232074.0	0.52354	Y
4	IC 860-26284/5	25.0	13.306507	50.0	231492.0	0.53226	Y
5	ICIS 860-26284/6	50.0	26.610332	50.0	232421.0	0.532207	Y
6	IC 860-26284/7	100.0	55.616633	50.0	217212.0	0.556166	Y
7	IC 860-26284/9	150.0	81.491013	50.0	216041.0	0.543273	Y



Calibration / 2-Nitropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

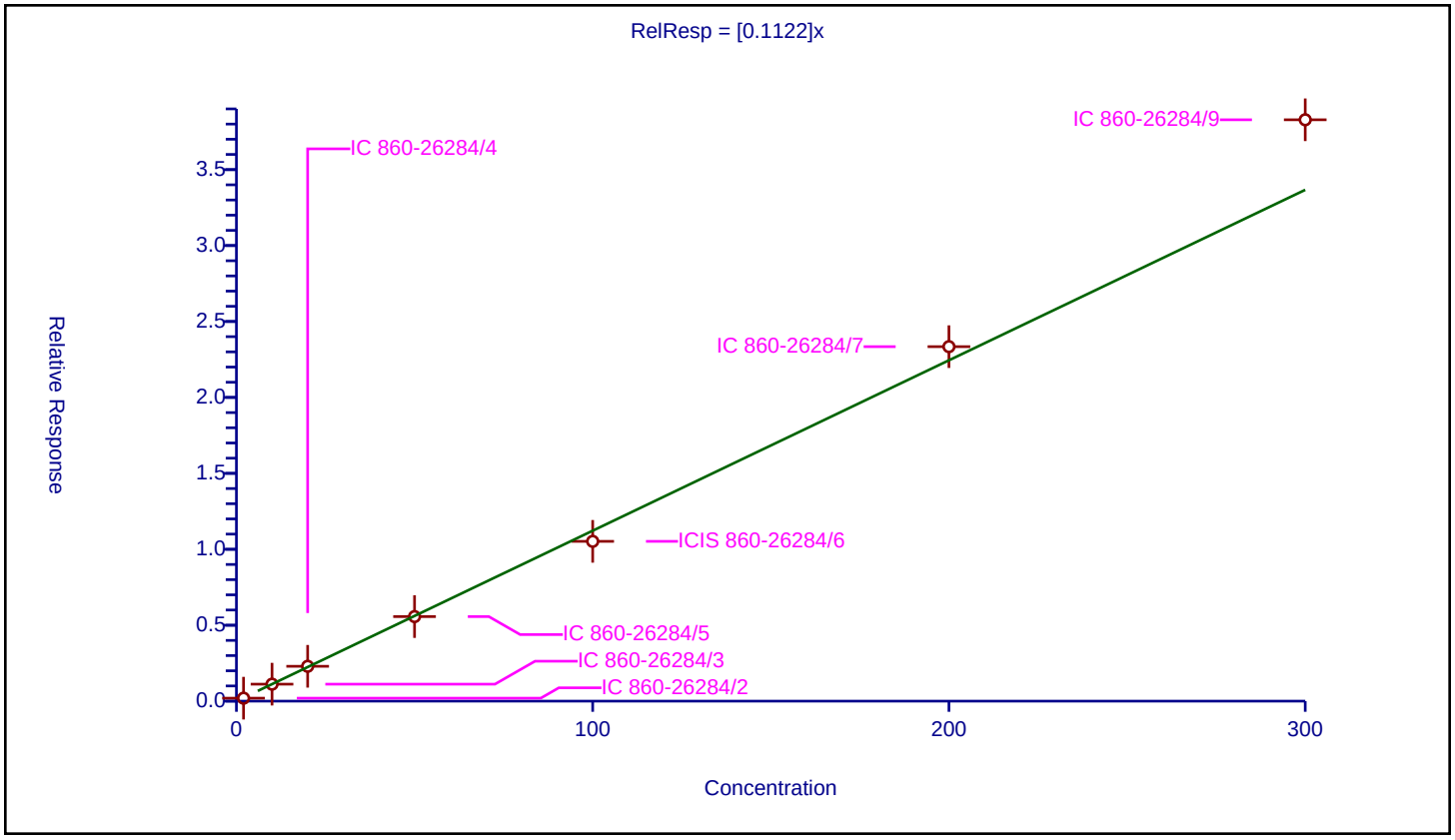
Curve Coefficients

Intercept:	0
Slope:	0.1122

Error Coefficients

Standard Error:	69900
Relative Standard Error:	8.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	2.0	0.19621	50.0	200296.0	0.098105	Y
2	IC 860-26284/3	10.0	1.117969	50.0	197188.0	0.111797	Y
3	IC 860-26284/4	20.0	2.295193	50.0	193731.0	0.11476	Y
4	IC 860-26284/5	50.0	5.568066	50.0	196280.0	0.111361	Y
5	ICIS 860-26284/6	100.0	10.522783	50.0	201881.0	0.105228	Y
6	IC 860-26284/7	200.0	23.342552	50.0	186220.0	0.116713	Y
7	IC 860-26284/9	300.0	38.283433	50.0	181828.0	0.127611	Y



Calibration / 2-Chloroethyl vinyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

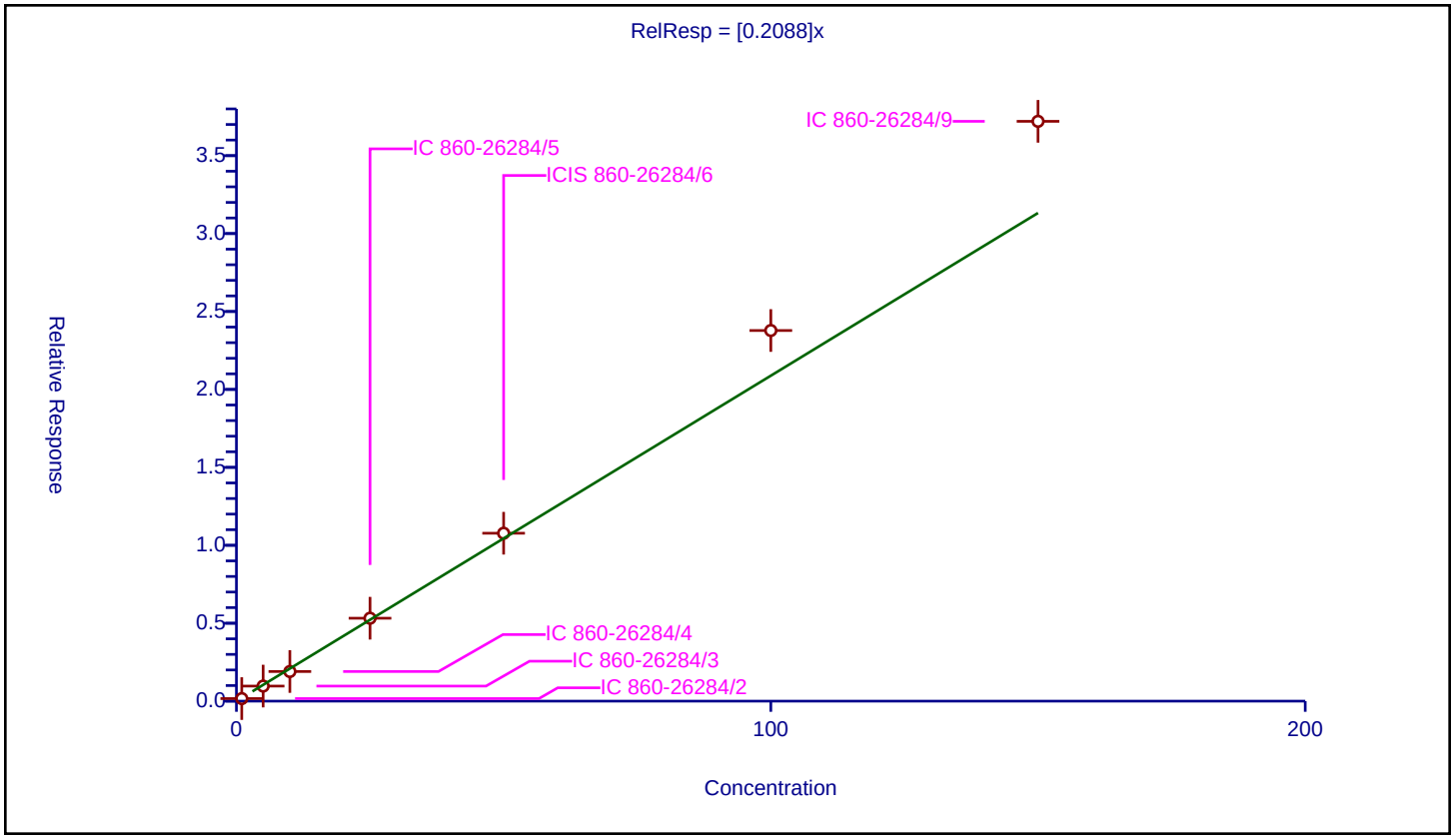
Curve Coefficients

Intercept:	0
Slope:	0.2088

Error Coefficients

Standard Error:	81400
Relative Standard Error:	13.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	0.164367	50.0	244574.0	0.164367	Y
2	IC 860-26284/3	5.0	0.965839	50.0	246159.0	0.193168	Y
3	IC 860-26284/4	10.0	1.900471	50.0	232074.0	0.190047	Y
4	IC 860-26284/5	25.0	5.320486	50.0	231492.0	0.212819	Y
5	ICIS 860-26284/6	50.0	10.772908	50.0	232421.0	0.215458	Y
6	IC 860-26284/7	100.0	23.779994	50.0	217212.0	0.2378	Y
7	IC 860-26284/9	150.0	37.201503	50.0	216041.0	0.24801	Y



Calibration / cis-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

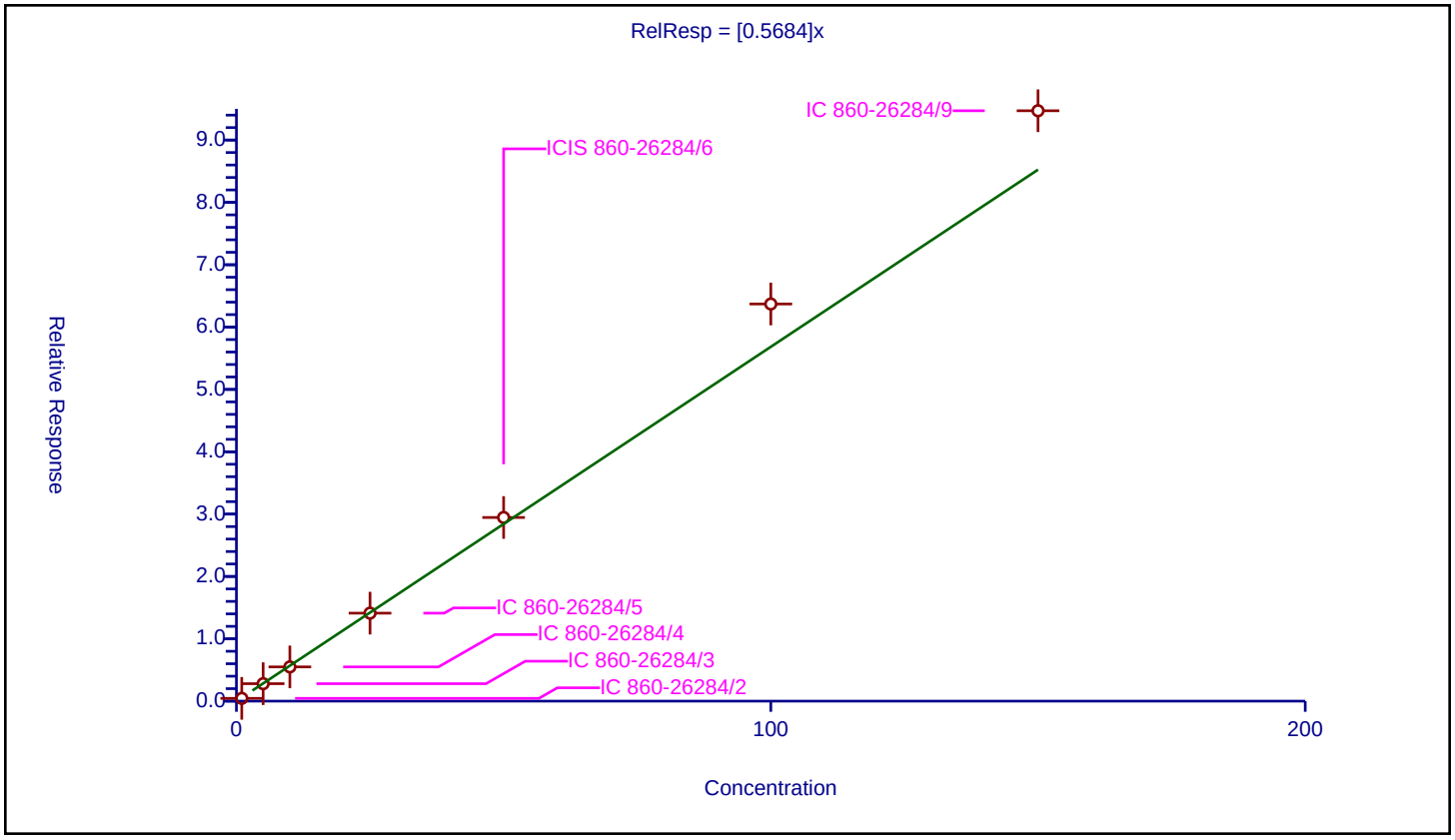
Curve Coefficients

Intercept:	0
Slope:	0.5684

Error Coefficients

Standard Error:	211000
Relative Standard Error:	11.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	0.447308	50.0	244574.0	0.447308	Y
2	IC 860-26284/3	5.0	2.800019	50.0	246159.0	0.560004	Y
3	IC 860-26284/4	10.0	5.490059	50.0	232074.0	0.549006	Y
4	IC 860-26284/5	25.0	14.113879	50.0	231492.0	0.564555	Y
5	ICIS 860-26284/6	50.0	29.458827	50.0	232421.0	0.589177	Y
6	IC 860-26284/7	100.0	63.705734	50.0	217212.0	0.637057	Y
7	IC 860-26284/9	150.0	94.702626	50.0	216041.0	0.631351	Y



Calibration / 4-Methyl-2-pentanone (MIBK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

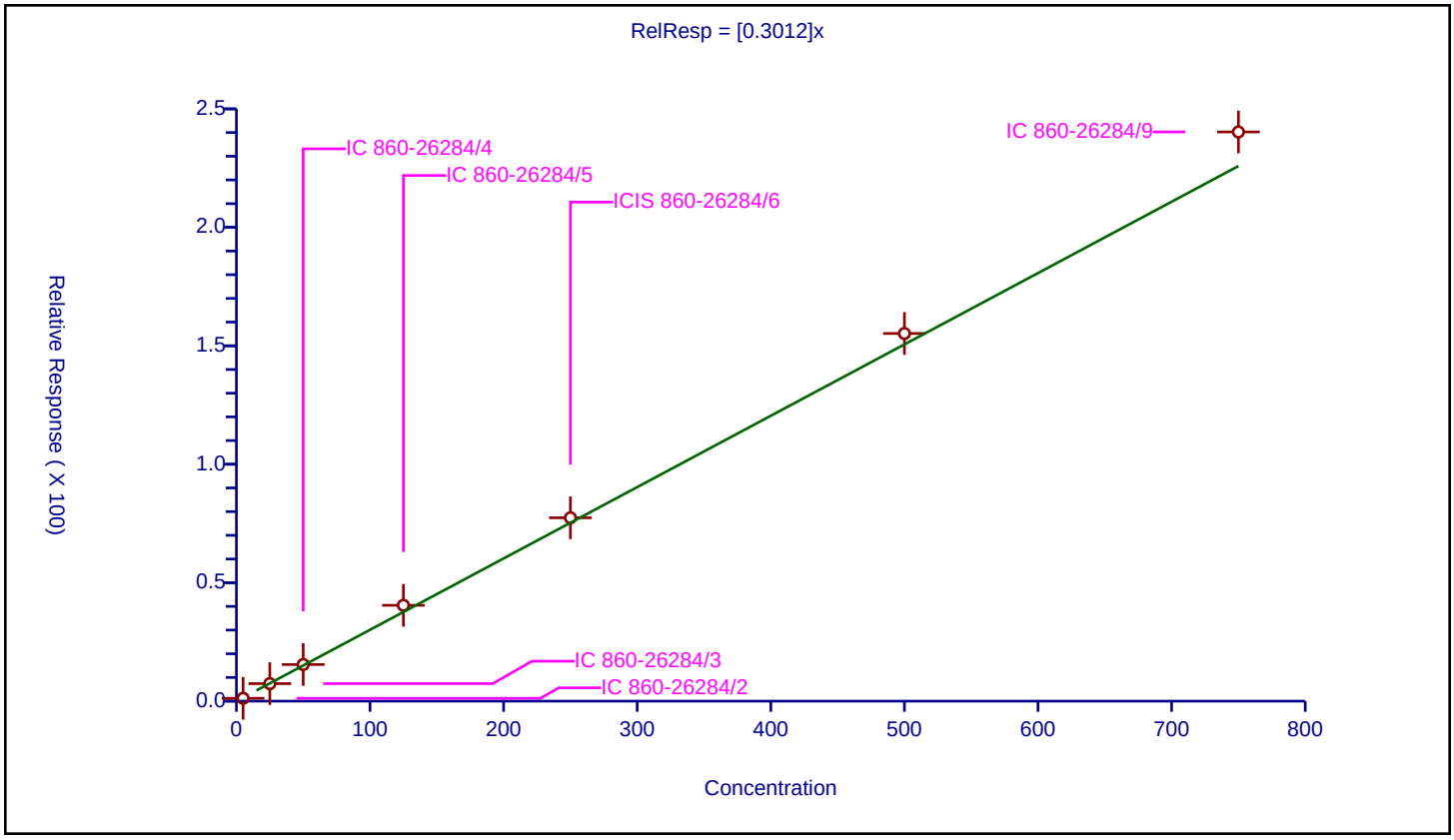
Curve Coefficients

Intercept:	0
Slope:	0.3012

Error Coefficients

Standard Error:	533000
Relative Standard Error:	9.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	5.0	1.197593	50.0	244574.0	0.239519	Y
2	IC 860-26284/3	25.0	7.387095	50.0	246159.0	0.295484	Y
3	IC 860-26284/4	50.0	15.453691	50.0	232074.0	0.309074	Y
4	IC 860-26284/5	125.0	40.458418	50.0	231492.0	0.323667	Y
5	ICIS 860-26284/6	250.0	77.399417	50.0	232421.0	0.309598	Y
6	IC 860-26284/7	500.0	155.20137	50.0	217212.0	0.310403	Y
7	IC 860-26284/9	750.0	240.261571	50.0	216041.0	0.320349	Y



Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

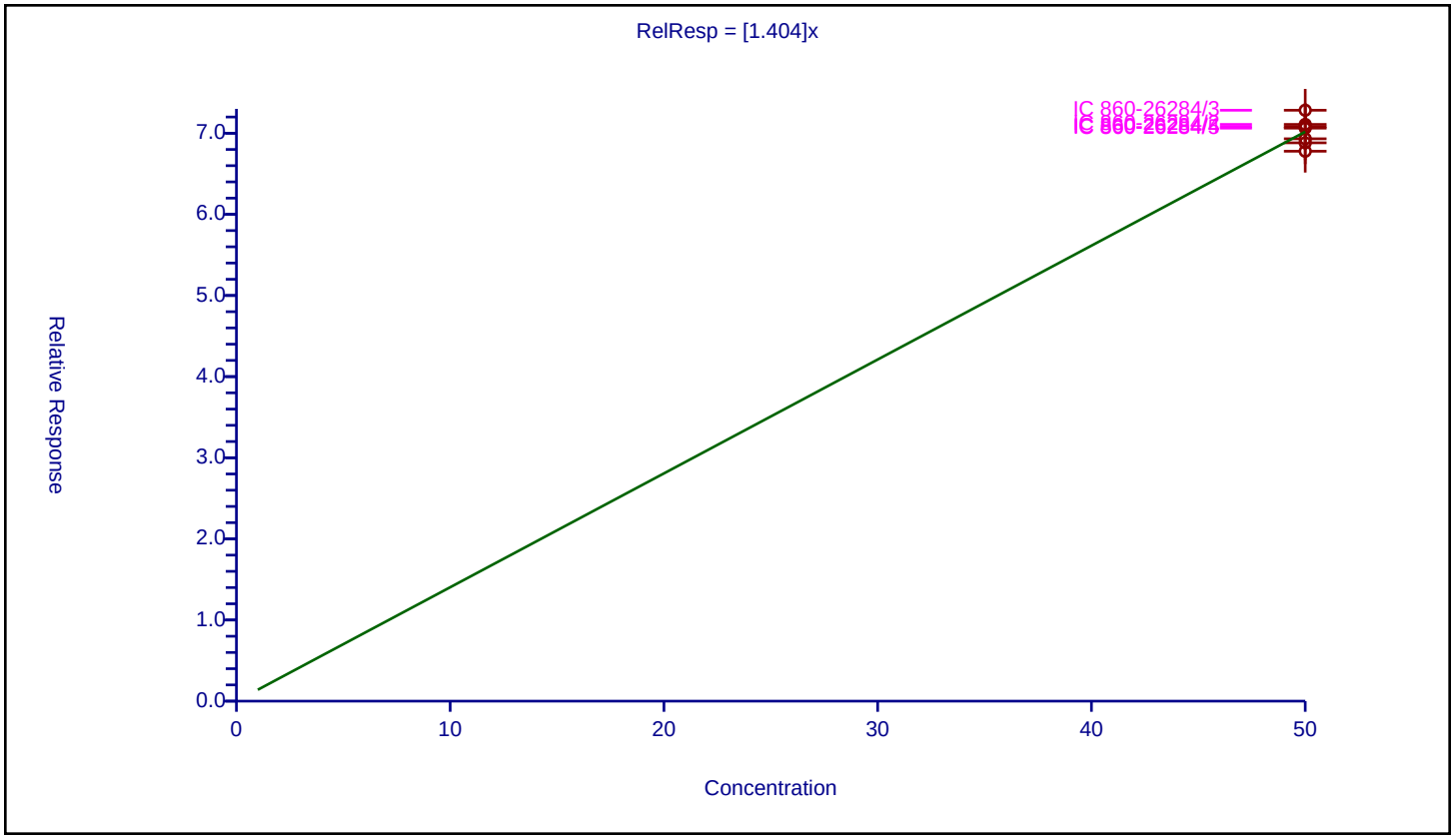
Curve Coefficients

Intercept:	0
Slope:	1.404

Error Coefficients

Standard Error:	294000
Relative Standard Error:	2.4
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	50.0	71.08754	50.0	200296.0	1.421751	Y
2	IC 860-26284/3	50.0	72.832525	50.0	197188.0	1.456651	Y
3	IC 860-26284/4	50.0	70.785264	50.0	193731.0	1.415705	Y
4	IC 860-26284/5	50.0	70.626146	50.0	196280.0	1.412523	Y
5	ICIS 860-26284/6	50.0	67.779533	50.0	201881.0	1.355591	Y
6	IC 860-26284/7	50.0	68.816454	50.0	186220.0	1.376329	Y
7	IC 860-26284/9	50.0	69.316607	50.0	181828.0	1.386332	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

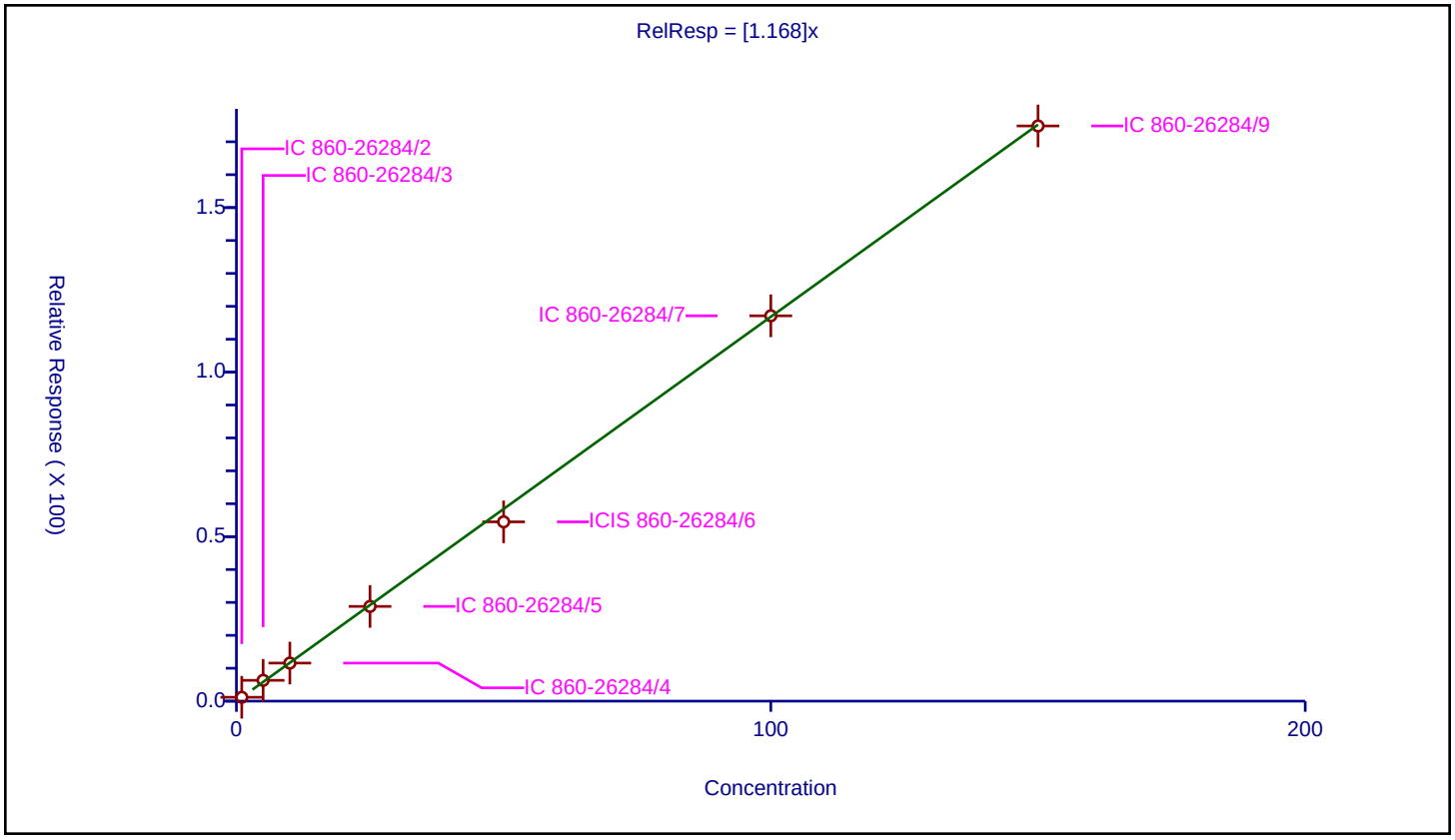
Curve Coefficients

Intercept:	0
Slope:	1.168

Error Coefficients

Standard Error:	331000
Relative Standard Error:	4.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	1.176509	50.0	200296.0	1.176509	Y
2	IC 860-26284/3	5.0	6.327464	50.0	197188.0	1.265493	Y
3	IC 860-26284/4	10.0	11.570167	50.0	193731.0	1.157017	Y
4	IC 860-26284/5	25.0	28.792032	50.0	196280.0	1.151681	Y
5	ICIS 860-26284/6	50.0	54.490517	50.0	201881.0	1.08981	Y
6	IC 860-26284/7	100.0	117.109065	50.0	186220.0	1.171091	Y
7	IC 860-26284/9	150.0	174.807235	50.0	181828.0	1.165382	Y



Calibration / trans-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

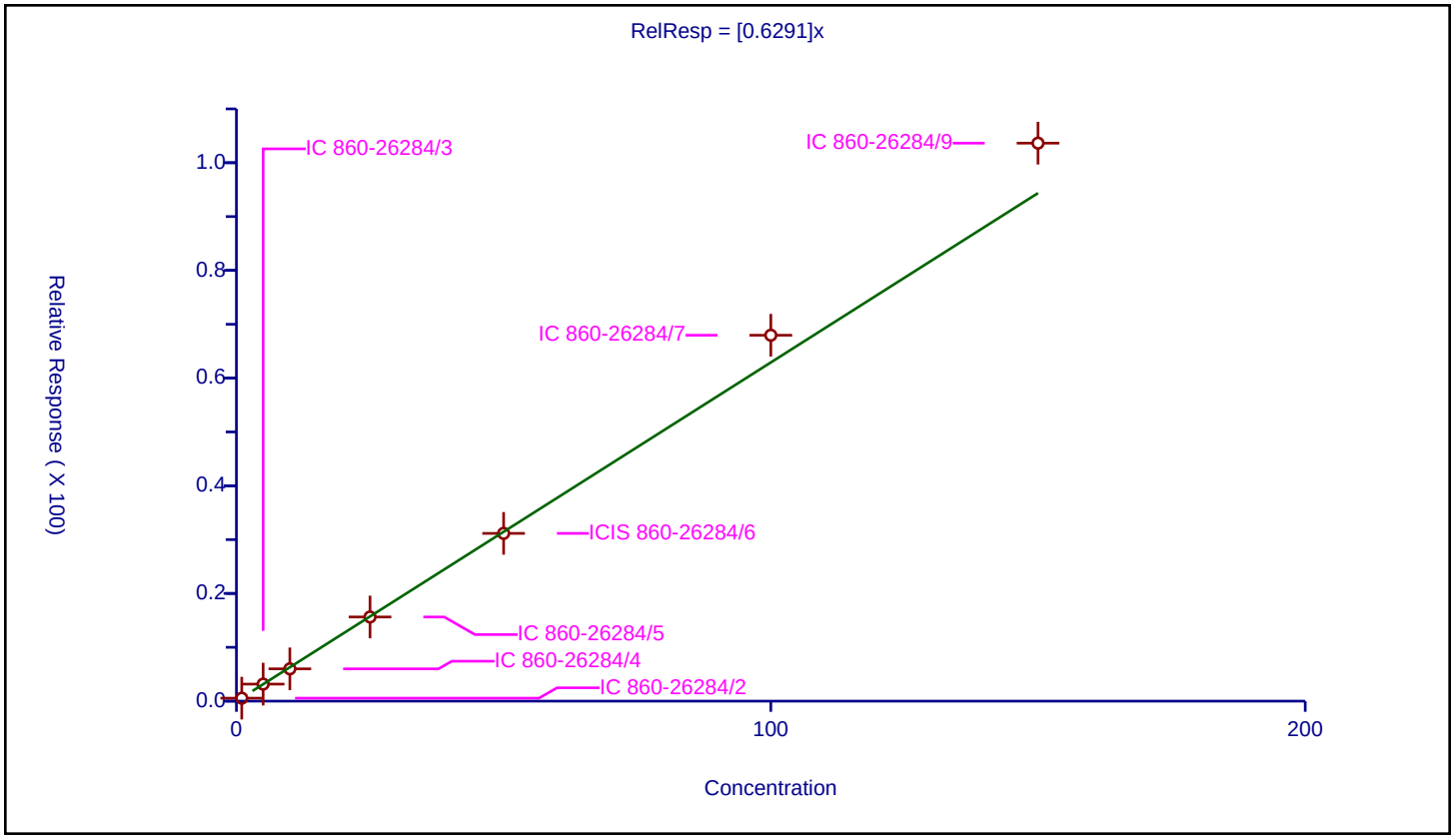
Curve Coefficients

Intercept:	0
Slope:	0.6291

Error Coefficients

Standard Error:	194000
Relative Standard Error:	7.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	0.551684	50.0	200296.0	0.551684	Y
2	IC 860-26284/3	5.0	3.165253	50.0	197188.0	0.633051	Y
3	IC 860-26284/4	10.0	5.998008	50.0	193731.0	0.599801	Y
4	IC 860-26284/5	25.0	15.628439	50.0	196280.0	0.625138	Y
5	ICIS 860-26284/6	50.0	31.159445	50.0	201881.0	0.623189	Y
6	IC 860-26284/7	100.0	67.963967	50.0	186220.0	0.67964	Y
7	IC 860-26284/9	150.0	103.638604	50.0	181828.0	0.690924	Y



Calibration / Ethyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

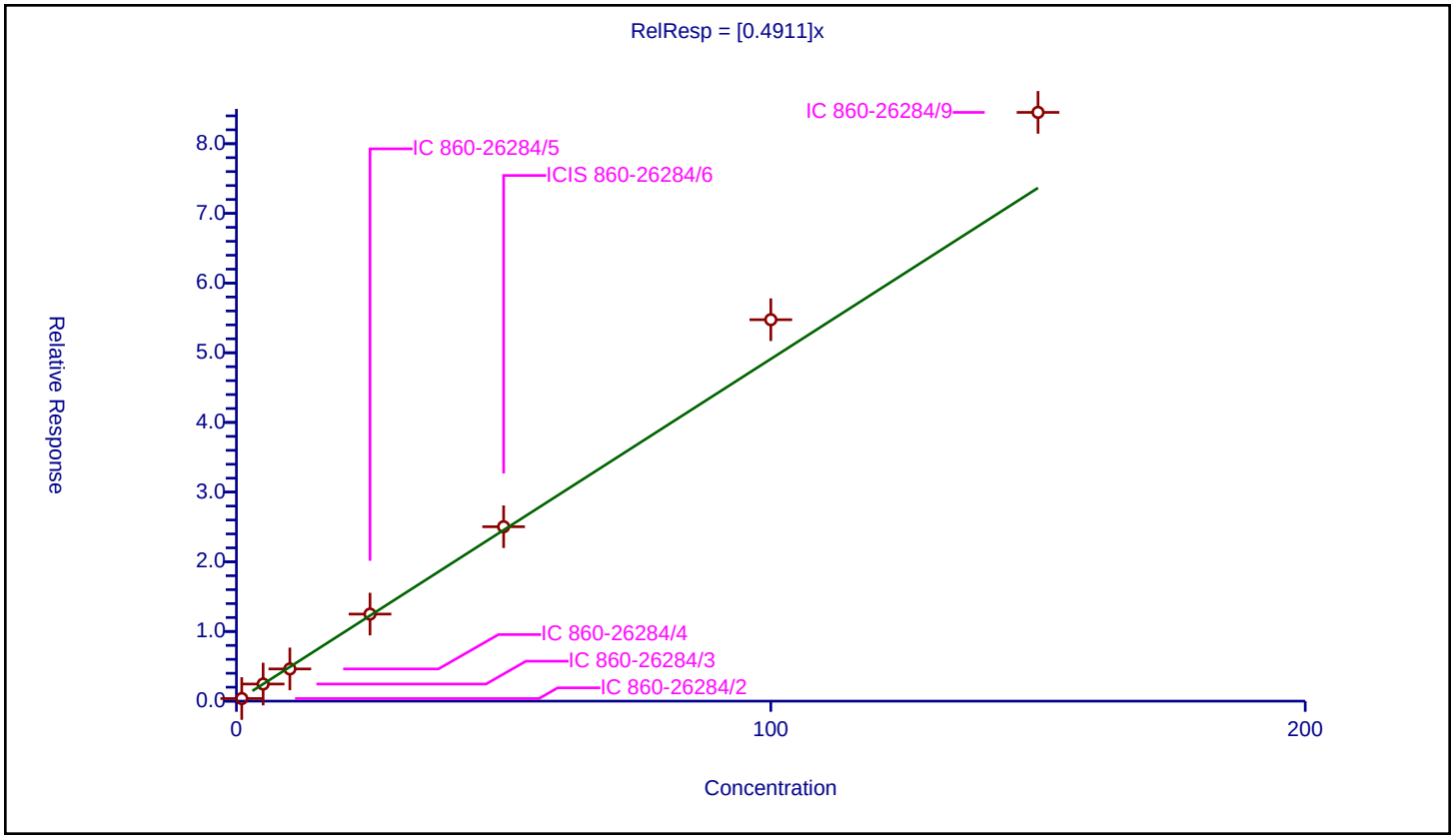
Curve Coefficients

Intercept:	0
Slope:	0.4911

Error Coefficients

Standard Error:	158000
Relative Standard Error:	12.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	0.372948	50.0	200296.0	0.372948	Y
2	IC 860-26284/3	5.0	2.455018	50.0	197188.0	0.491004	Y
3	IC 860-26284/4	10.0	4.623937	50.0	193731.0	0.462394	Y
4	IC 860-26284/5	25.0	12.495415	50.0	196280.0	0.499817	Y
5	ICIS 860-26284/6	50.0	25.030835	50.0	201881.0	0.500617	Y
6	IC 860-26284/7	100.0	54.745194	50.0	186220.0	0.547452	Y
7	IC 860-26284/9	150.0	84.499637	50.0	181828.0	0.563331	Y



Calibration / 1,1,2-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

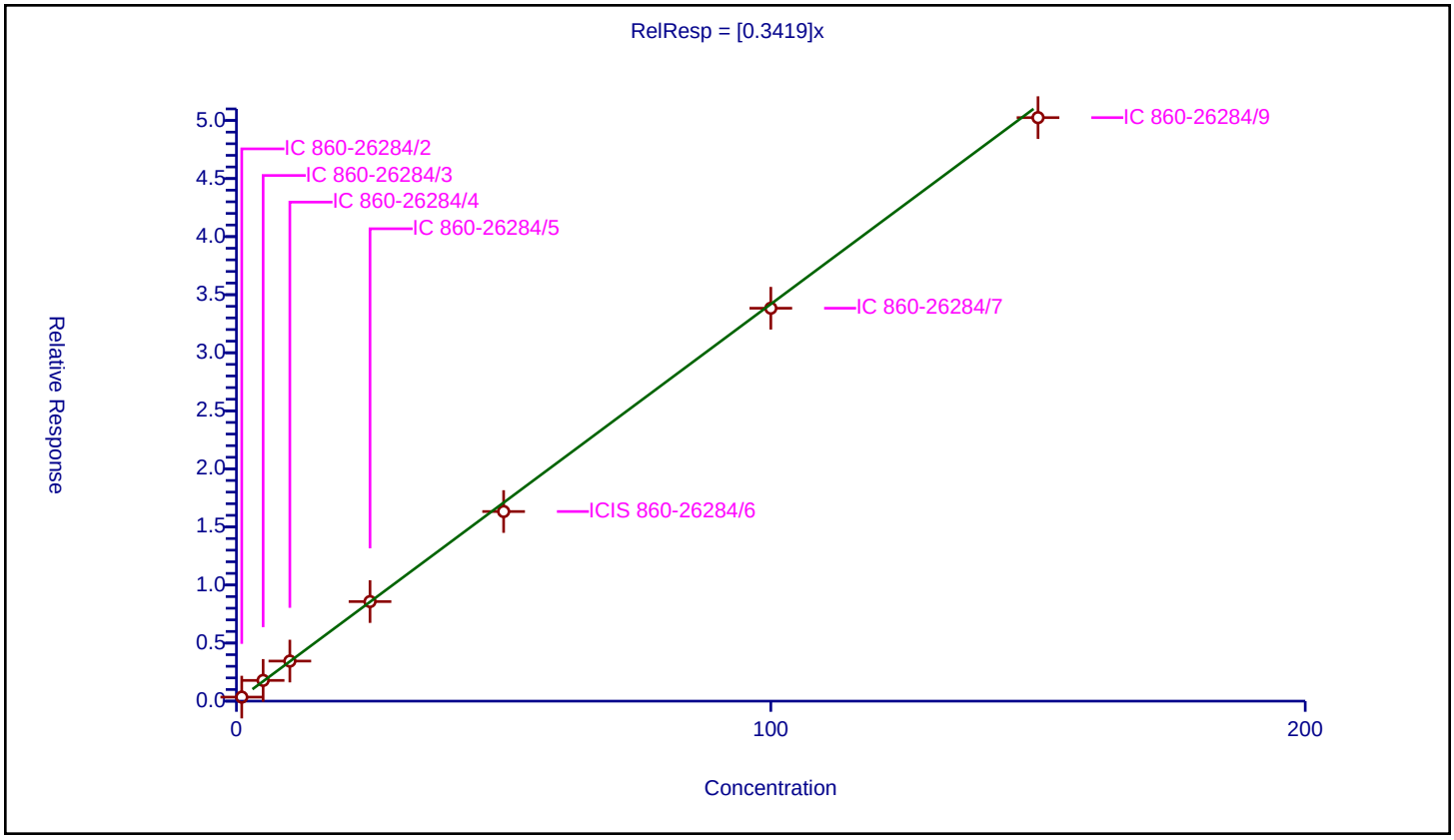
Curve Coefficients

Intercept:	0
Slope:	0.3419

Error Coefficients

Standard Error:	95700
Relative Standard Error:	2.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	0.347985	50.0	200296.0	0.347985	Y
2	IC 860-26284/3	5.0	1.786366	50.0	197188.0	0.357273	Y
3	IC 860-26284/4	10.0	3.451693	50.0	193731.0	0.345169	Y
4	IC 860-26284/5	25.0	8.574995	50.0	196280.0	0.343	Y
5	ICIS 860-26284/6	50.0	16.329422	50.0	201881.0	0.326588	Y
6	IC 860-26284/7	100.0	33.835786	50.0	186220.0	0.338358	Y
7	IC 860-26284/9	150.0	50.248037	50.0	181828.0	0.334987	Y



Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

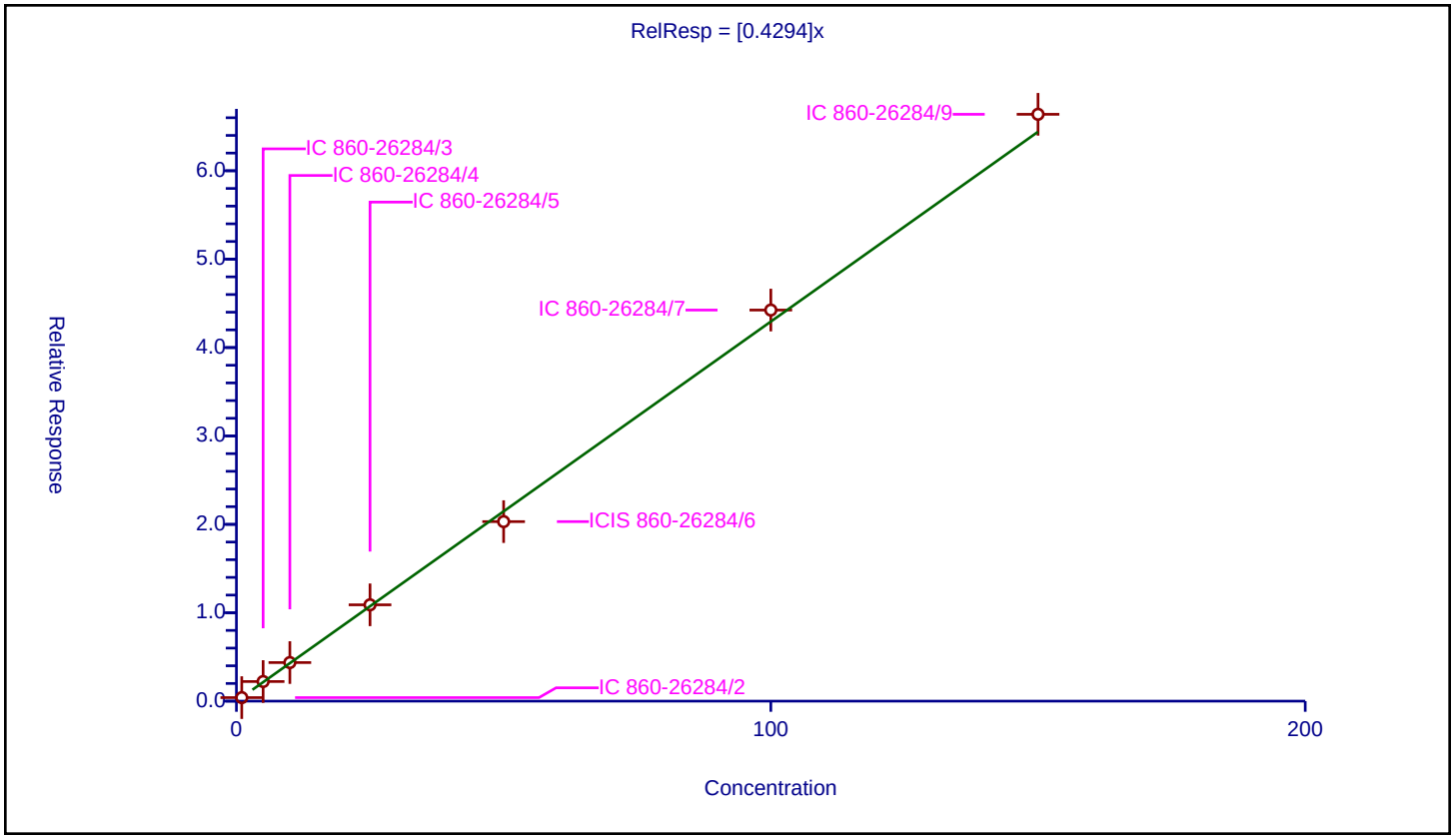
Curve Coefficients

Intercept:	0
Slope:	0.4294

Error Coefficients

Standard Error:	125000
Relative Standard Error:	4.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	0.39841	50.0	200296.0	0.39841	Y
2	IC 860-26284/3	5.0	2.218948	50.0	197188.0	0.44379	Y
3	IC 860-26284/4	10.0	4.364299	50.0	193731.0	0.43643	Y
4	IC 860-26284/5	25.0	10.896423	50.0	196280.0	0.435857	Y
5	ICIS 860-26284/6	50.0	20.310728	50.0	201881.0	0.406215	Y
6	IC 860-26284/7	100.0	44.241489	50.0	186220.0	0.442415	Y
7	IC 860-26284/9	150.0	66.389115	50.0	181828.0	0.442594	Y



Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

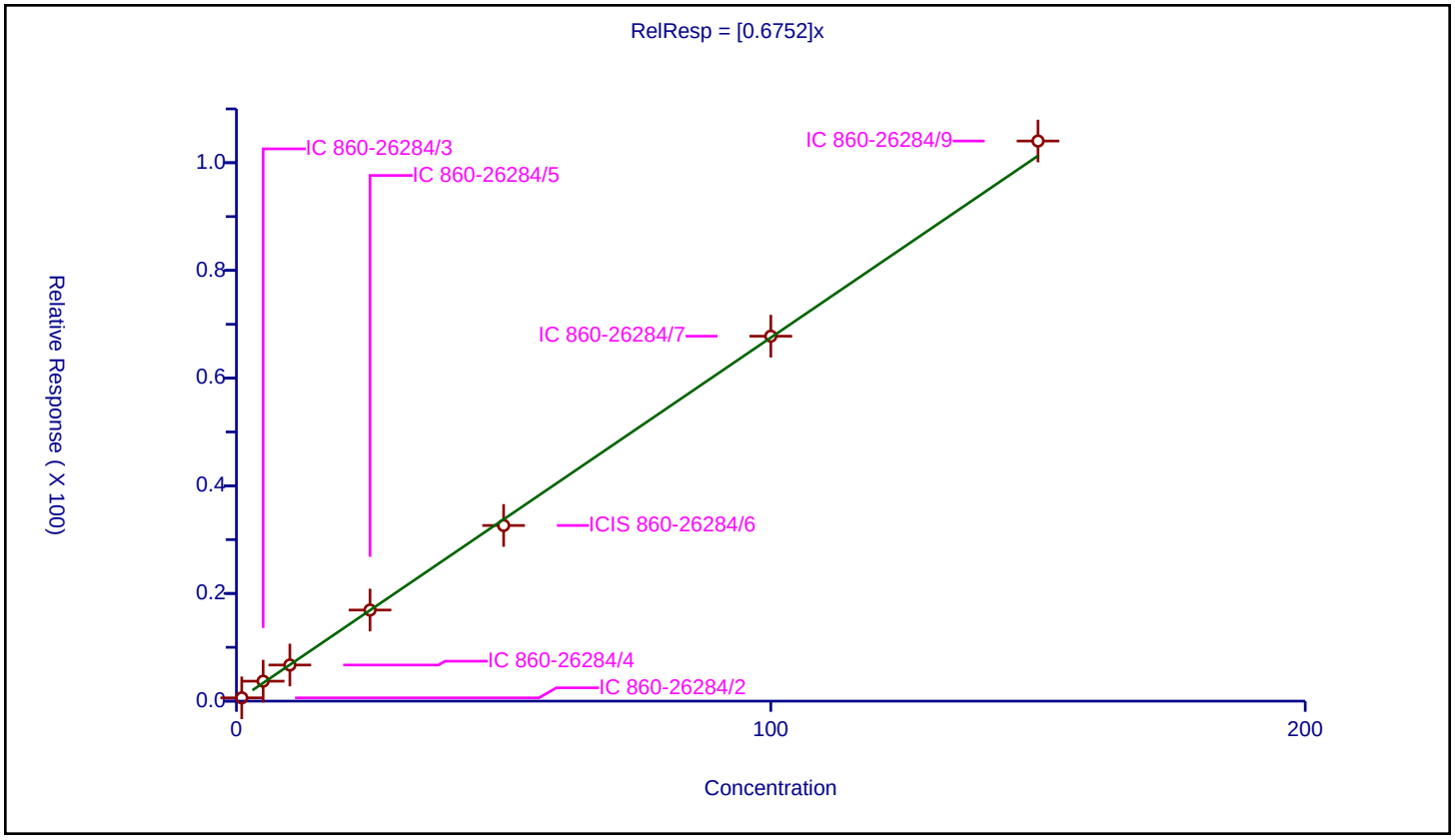
Curve Coefficients

Intercept:	0
Slope:	0.6752

Error Coefficients

Standard Error:	196000
Relative Standard Error:	5.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	0.613093	50.0	200296.0	0.613093	Y
2	IC 860-26284/3	5.0	3.708897	50.0	197188.0	0.741779	Y
3	IC 860-26284/4	10.0	6.710594	50.0	193731.0	0.671059	Y
4	IC 860-26284/5	25.0	16.918942	50.0	196280.0	0.676758	Y
5	ICIS 860-26284/6	50.0	32.626894	50.0	201881.0	0.652538	Y
6	IC 860-26284/7	100.0	67.785415	50.0	186220.0	0.677854	Y
7	IC 860-26284/9	150.0	104.036232	50.0	181828.0	0.693575	Y



Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

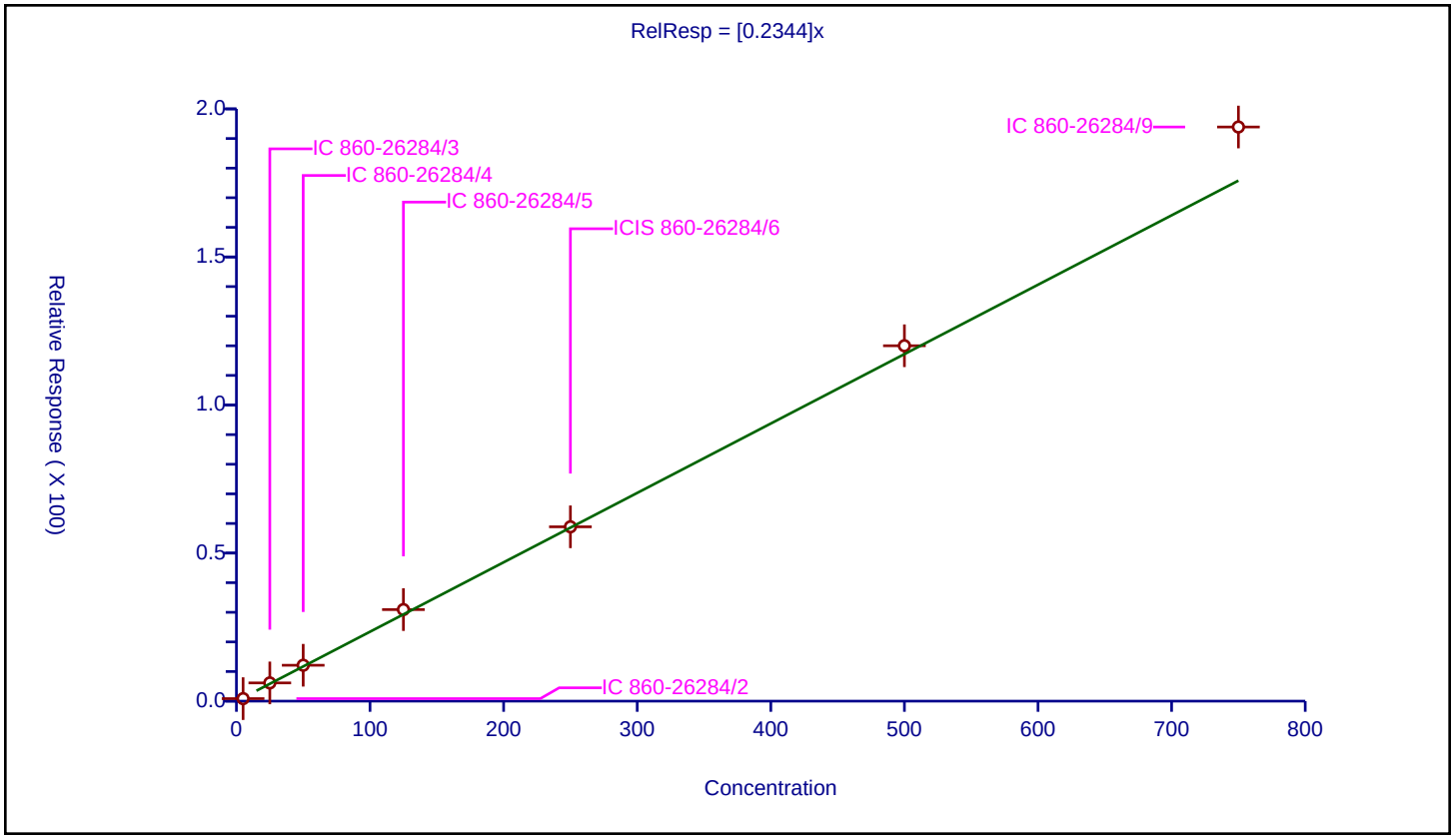
Curve Coefficients

Intercept:	0
Slope:	0.2344

Error Coefficients

Standard Error:	358000
Relative Standard Error:	12.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	5.0	0.852488	50.0	200296.0	0.170498	Y
2	IC 860-26284/3	25.0	6.155293	50.0	197188.0	0.246212	Y
3	IC 860-26284/4	50.0	12.123253	50.0	193731.0	0.242465	Y
4	IC 860-26284/5	125.0	30.920624	50.0	196280.0	0.247365	Y
5	ICIS 860-26284/6	250.0	58.868096	50.0	201881.0	0.235472	Y
6	IC 860-26284/7	500.0	120.014767	50.0	186220.0	0.24003	Y
7	IC 860-26284/9	750.0	193.887355	50.0	181828.0	0.258516	Y



Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

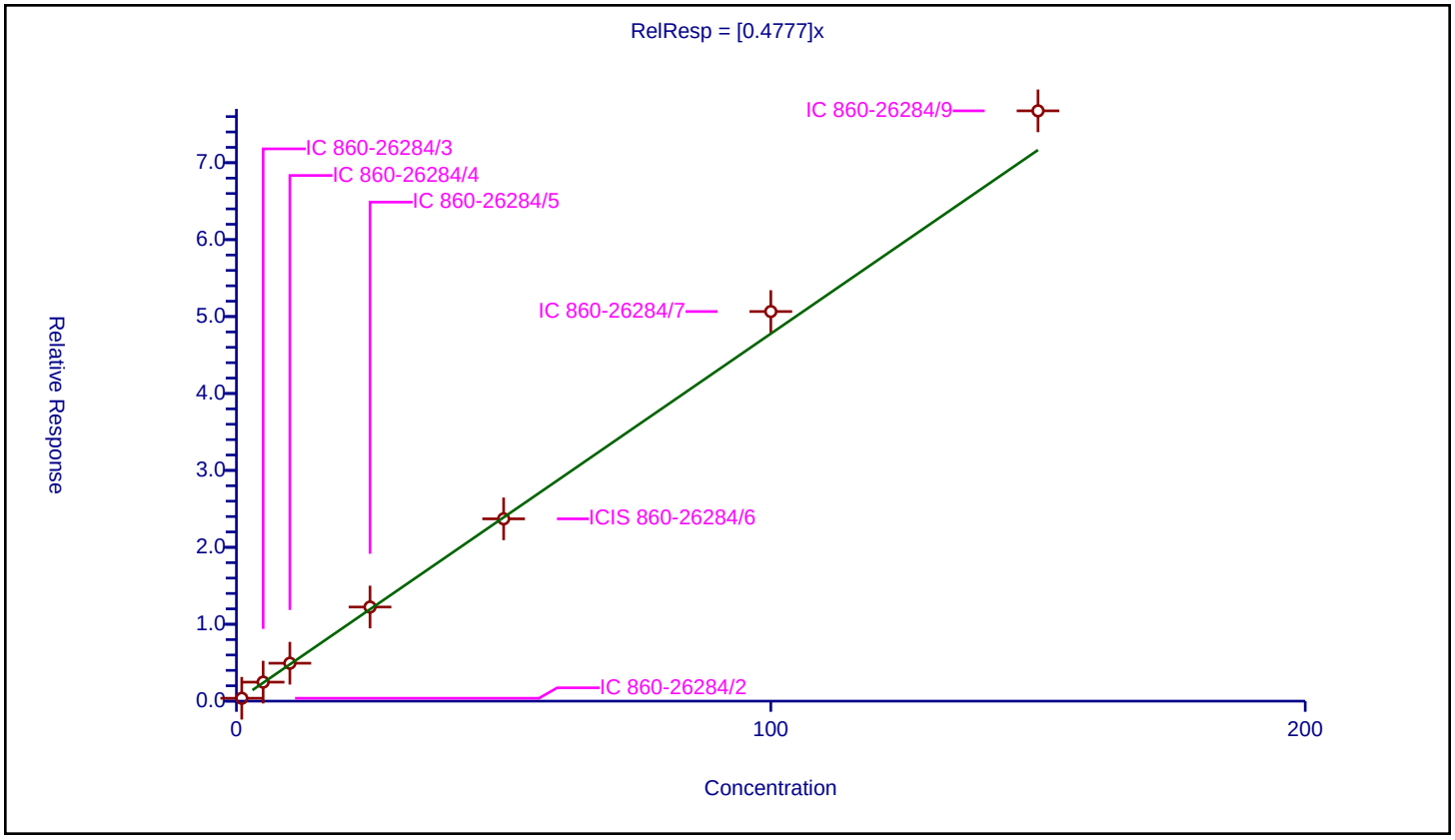
Curve Coefficients

Intercept:	0
Slope:	0.4777

Error Coefficients

Standard Error:	145000
Relative Standard Error:	9.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	0.375444	50.0	200296.0	0.375444	Y
2	IC 860-26284/3	5.0	2.469978	50.0	197188.0	0.493996	Y
3	IC 860-26284/4	10.0	4.93029	50.0	193731.0	0.493029	Y
4	IC 860-26284/5	25.0	12.235582	50.0	196280.0	0.489423	Y
5	ICIS 860-26284/6	50.0	23.700596	50.0	201881.0	0.474012	Y
6	IC 860-26284/7	100.0	50.655676	50.0	186220.0	0.506557	Y
7	IC 860-26284/9	150.0	76.747806	50.0	181828.0	0.511652	Y



Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

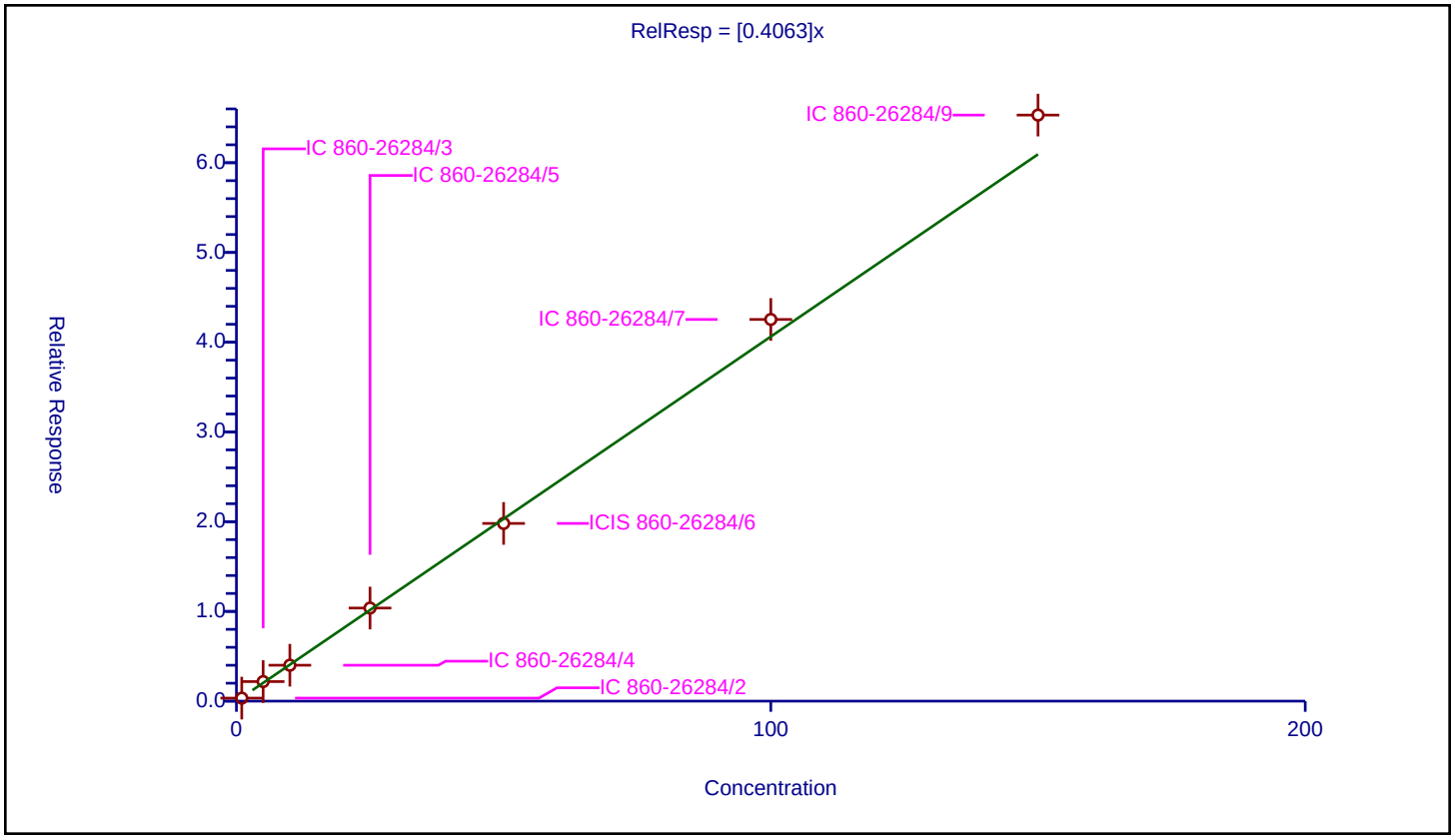
Curve Coefficients

Intercept:	0
Slope:	0.4063

Error Coefficients

Standard Error:	122000
Relative Standard Error:	8.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	0.335753	50.0	200296.0	0.335753	Y
2	IC 860-26284/3	5.0	2.180153	50.0	197188.0	0.436031	Y
3	IC 860-26284/4	10.0	4.001683	50.0	193731.0	0.400168	Y
4	IC 860-26284/5	25.0	10.37472	50.0	196280.0	0.414989	Y
5	ICIS 860-26284/6	50.0	19.803498	50.0	201881.0	0.39607	Y
6	IC 860-26284/7	100.0	42.53571	50.0	186220.0	0.425357	Y
7	IC 860-26284/9	150.0	65.310623	50.0	181828.0	0.435404	Y



Calibration / 1-Chlorohexane

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

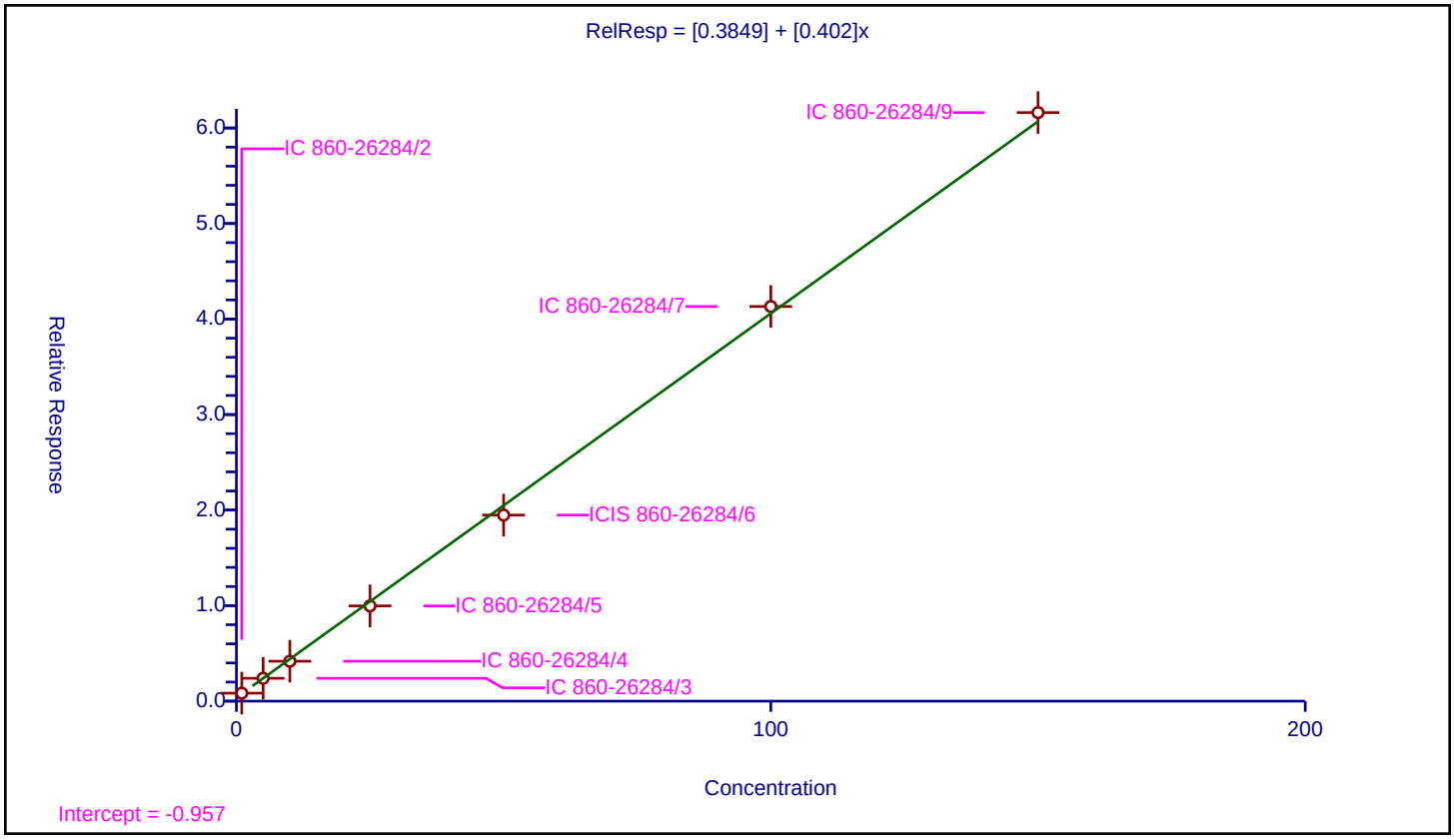
Curve Coefficients

Intercept:	0.3849
Slope:	0.402

Error Coefficients

Standard Error:	128000
Relative Standard Error:	6.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	0.835763	50.0	200296.0	0.835763	Y
2	IC 860-26284/3	5.0	2.390866	50.0	197188.0	0.478173	Y
3	IC 860-26284/4	10.0	4.177442	50.0	193731.0	0.417744	Y
4	IC 860-26284/5	25.0	9.968922	50.0	196280.0	0.398757	Y
5	ICIS 860-26284/6	50.0	19.477811	50.0	201881.0	0.389556	Y
6	IC 860-26284/7	100.0	41.312963	50.0	186220.0	0.41313	Y
7	IC 860-26284/9	150.0	61.611248	50.0	181828.0	0.410742	Y



Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

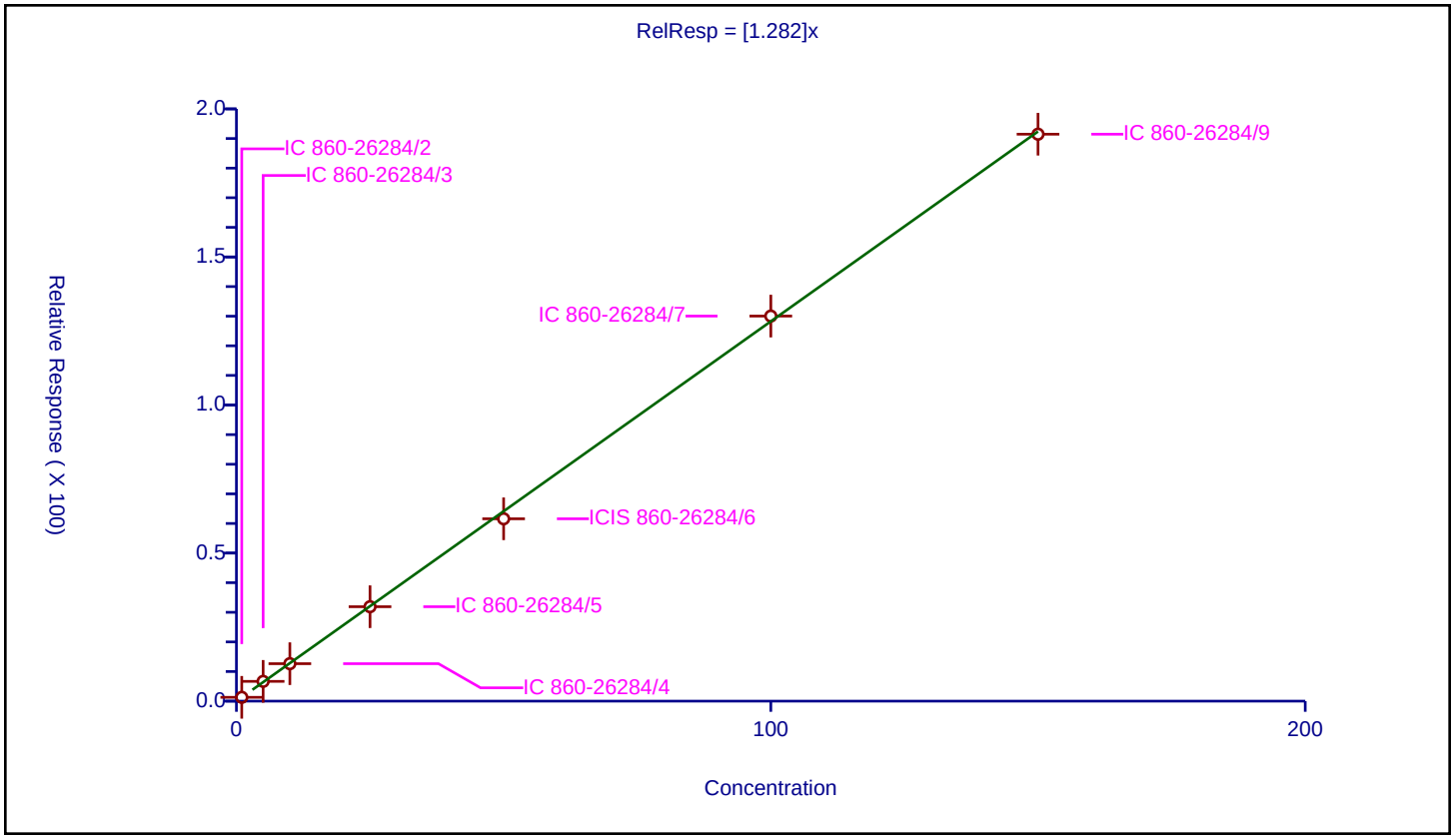
Curve Coefficients

Intercept:	0
Slope:	1.282

Error Coefficients

Standard Error:	365000
Relative Standard Error:	2.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	1.293086	50.0	200296.0	1.293086	Y
2	IC 860-26284/3	5.0	6.675863	50.0	197188.0	1.335173	Y
3	IC 860-26284/4	10.0	12.650789	50.0	193731.0	1.265079	Y
4	IC 860-26284/5	25.0	31.8871	50.0	196280.0	1.275484	Y
5	ICIS 860-26284/6	50.0	61.578851	50.0	201881.0	1.231577	Y
6	IC 860-26284/7	100.0	130.033562	50.0	186220.0	1.300336	Y
7	IC 860-26284/9	150.0	191.455661	50.0	181828.0	1.276371	Y



Calibration / 1,1,1,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

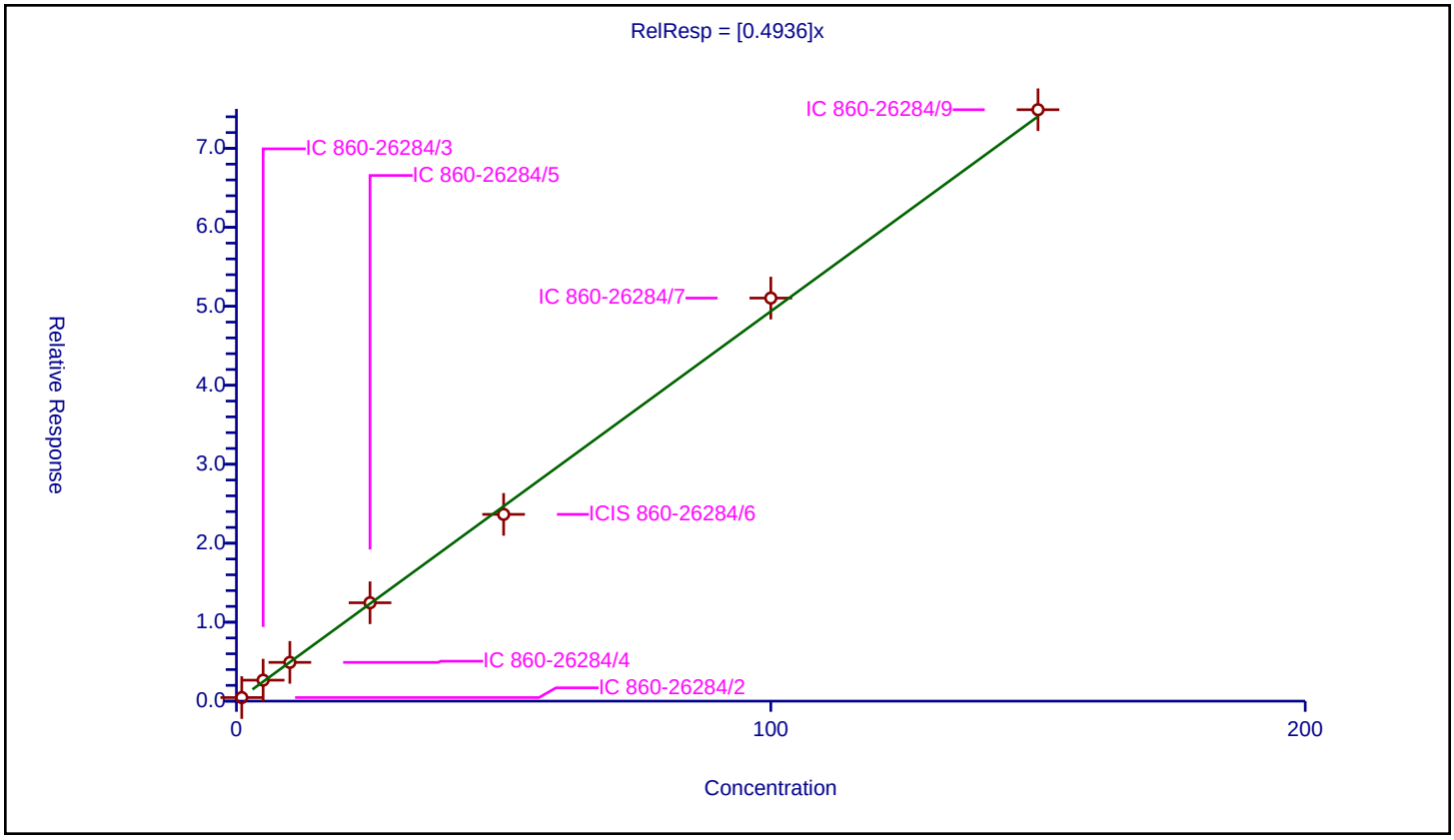
Curve Coefficients

Intercept:	0
Slope:	0.4936

Error Coefficients

Standard Error:	143000
Relative Standard Error:	5.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	0.452331	50.0	200296.0	0.452331	Y
2	IC 860-26284/3	5.0	2.656855	50.0	197188.0	0.531371	Y
3	IC 860-26284/4	10.0	4.907578	50.0	193731.0	0.490758	Y
4	IC 860-26284/5	25.0	12.45593	50.0	196280.0	0.498237	Y
5	ICIS 860-26284/6	50.0	23.652548	50.0	201881.0	0.473051	Y
6	IC 860-26284/7	100.0	51.04339	50.0	186220.0	0.510434	Y
7	IC 860-26284/9	150.0	74.896056	50.0	181828.0	0.499307	Y



Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

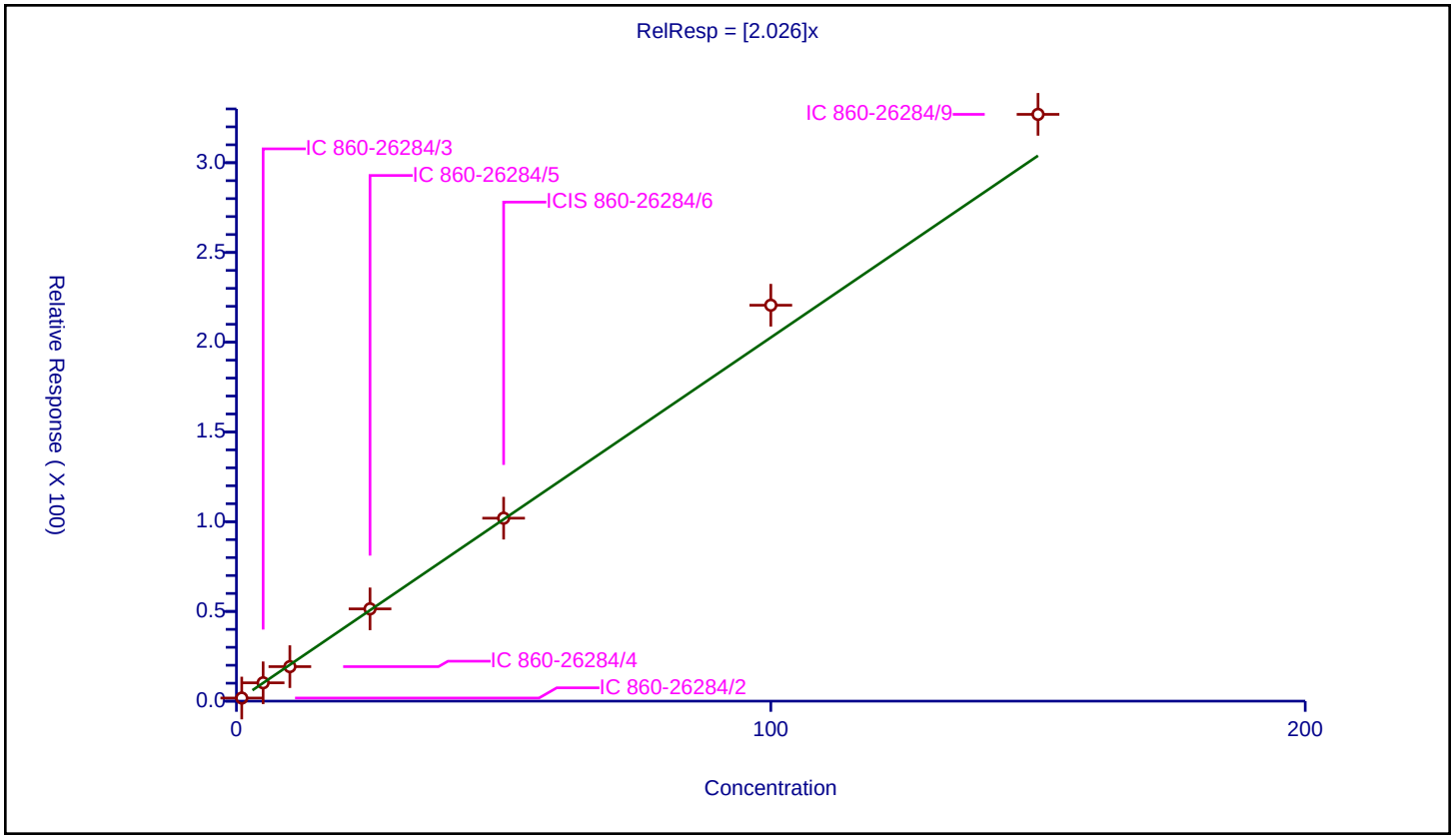
Curve Coefficients

Intercept:	0
Slope:	2.026

Error Coefficients

Standard Error:	620000
Relative Standard Error:	7.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	1.734932	50.0	200296.0	1.734932	Y
2	IC 860-26284/3	5.0	10.221971	50.0	197188.0	2.044394	Y
3	IC 860-26284/4	10.0	19.224853	50.0	193731.0	1.922485	Y
4	IC 860-26284/5	25.0	51.418891	50.0	196280.0	2.056756	Y
5	ICIS 860-26284/6	50.0	101.939757	50.0	201881.0	2.038795	Y
6	IC 860-26284/7	100.0	220.617012	50.0	186220.0	2.20617	Y
7	IC 860-26284/9	150.0	326.963669	50.0	181828.0	2.179758	Y



Calibration / m-Xylene & p-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

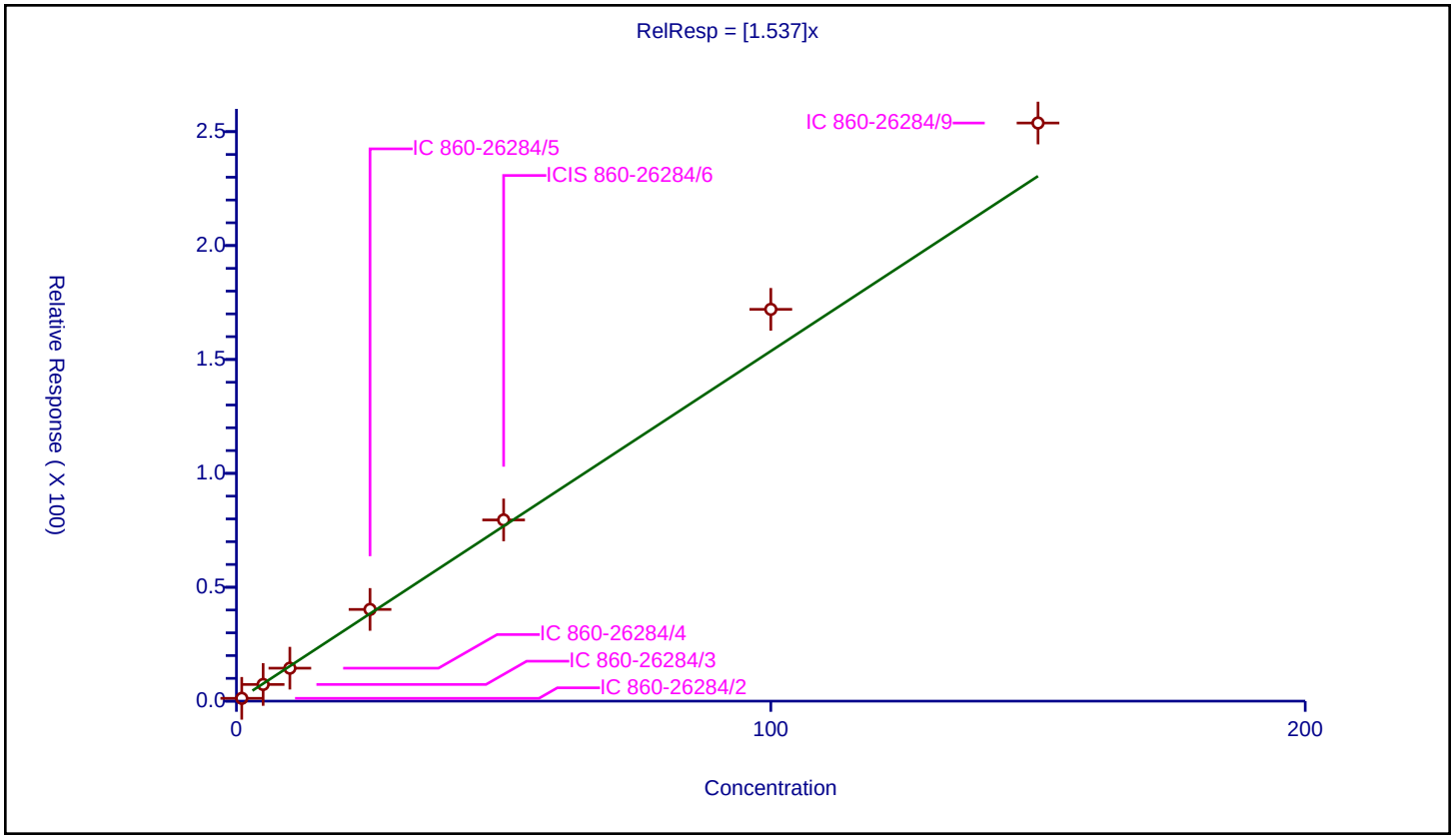
Curve Coefficients

Intercept:	0
Slope:	1.537

Error Coefficients

Standard Error:	482000
Relative Standard Error:	11.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	1.231178	50.0	200296.0	1.231178	Y
2	IC 860-26284/3	5.0	7.322707	50.0	197188.0	1.464541	Y
3	IC 860-26284/4	10.0	14.470322	50.0	193731.0	1.447032	Y
4	IC 860-26284/5	25.0	40.261107	50.0	196280.0	1.610444	Y
5	ICIS 860-26284/6	50.0	79.555035	50.0	201881.0	1.591101	Y
6	IC 860-26284/7	100.0	171.997369	50.0	186220.0	1.719974	Y
7	IC 860-26284/9	150.0	253.80497	50.0	181828.0	1.692033	Y



Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

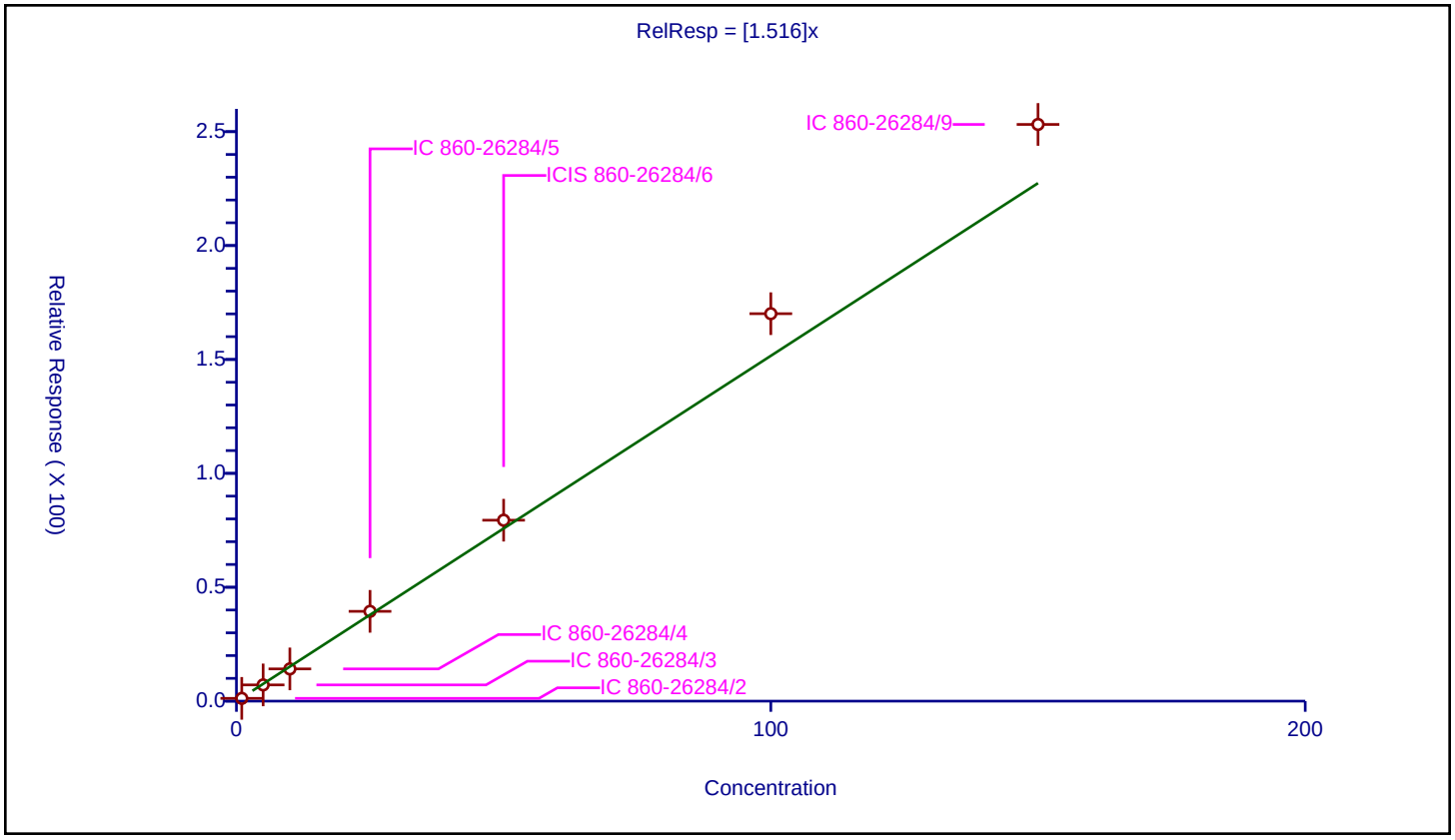
Curve Coefficients

Intercept:	0
Slope:	1.516

Error Coefficients

Standard Error:	479000
Relative Standard Error:	11.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	1.21645	50.0	200296.0	1.21645	Y
2	IC 860-26284/3	5.0	7.128223	50.0	197188.0	1.425645	Y
3	IC 860-26284/4	10.0	14.155195	50.0	193731.0	1.415519	Y
4	IC 860-26284/5	25.0	39.426075	50.0	196280.0	1.577043	Y
5	ICIS 860-26284/6	50.0	79.4312	50.0	201881.0	1.588624	Y
6	IC 860-26284/7	100.0	170.090753	50.0	186220.0	1.700908	Y
7	IC 860-26284/9	150.0	253.171679	50.0	181828.0	1.687811	Y



Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

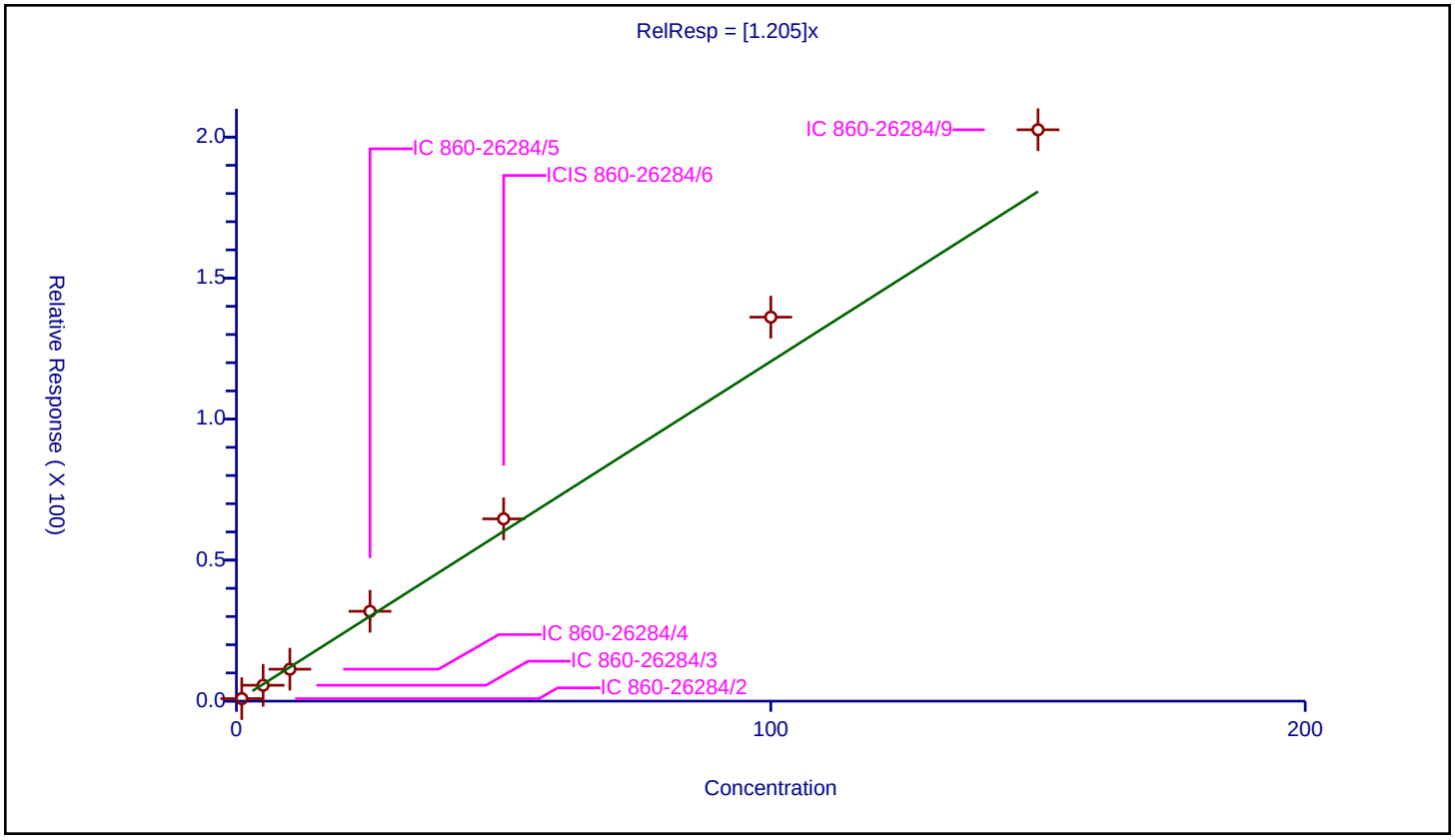
Curve Coefficients

Intercept:	0
Slope:	1.205

Error Coefficients

Standard Error:	384000
Relative Standard Error:	13.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	0.895425	50.0	200296.0	0.895425	Y
2	IC 860-26284/3	5.0	5.621032	50.0	197188.0	1.124206	Y
3	IC 860-26284/4	10.0	11.329369	50.0	193731.0	1.132937	Y
4	IC 860-26284/5	25.0	31.858315	50.0	196280.0	1.274333	Y
5	ICIS 860-26284/6	50.0	64.632135	50.0	201881.0	1.292643	Y
6	IC 860-26284/7	100.0	136.162066	50.0	186220.0	1.361621	Y
7	IC 860-26284/9	150.0	202.596685	50.0	181828.0	1.350645	Y



Calibration / Bromoform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

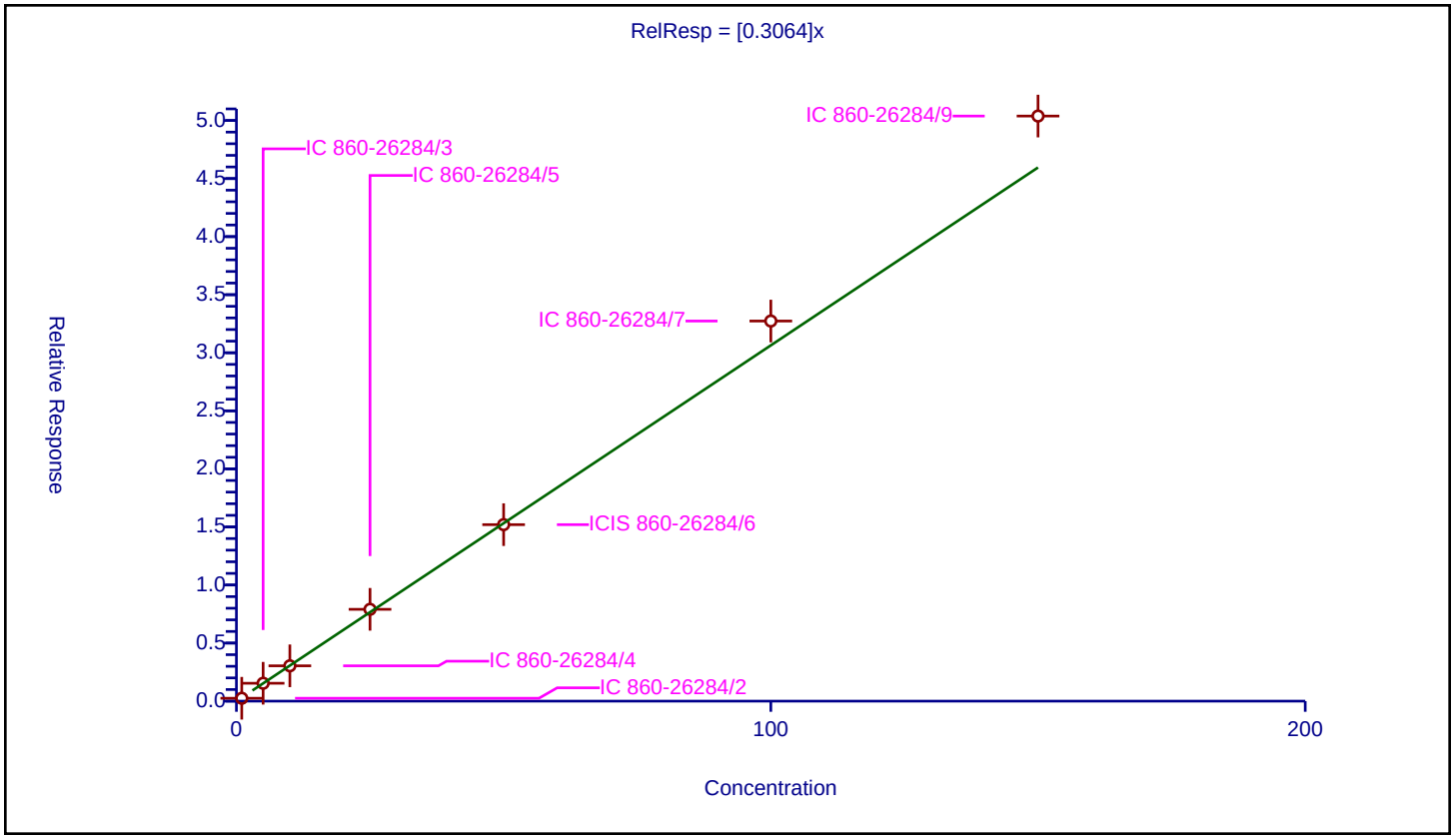
Curve Coefficients

Intercept:	0
Slope:	0.3064

Error Coefficients

Standard Error:	94300
Relative Standard Error:	9.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	0.248632	50.0	200296.0	0.248632	Y
2	IC 860-26284/3	5.0	1.541169	50.0	197188.0	0.308234	Y
3	IC 860-26284/4	10.0	3.042621	50.0	193731.0	0.304262	Y
4	IC 860-26284/5	25.0	7.905798	50.0	196280.0	0.316232	Y
5	ICIS 860-26284/6	50.0	15.198558	50.0	201881.0	0.303971	Y
6	IC 860-26284/7	100.0	32.731984	50.0	186220.0	0.32732	Y
7	IC 860-26284/9	150.0	50.383329	50.0	181828.0	0.335889	Y



Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

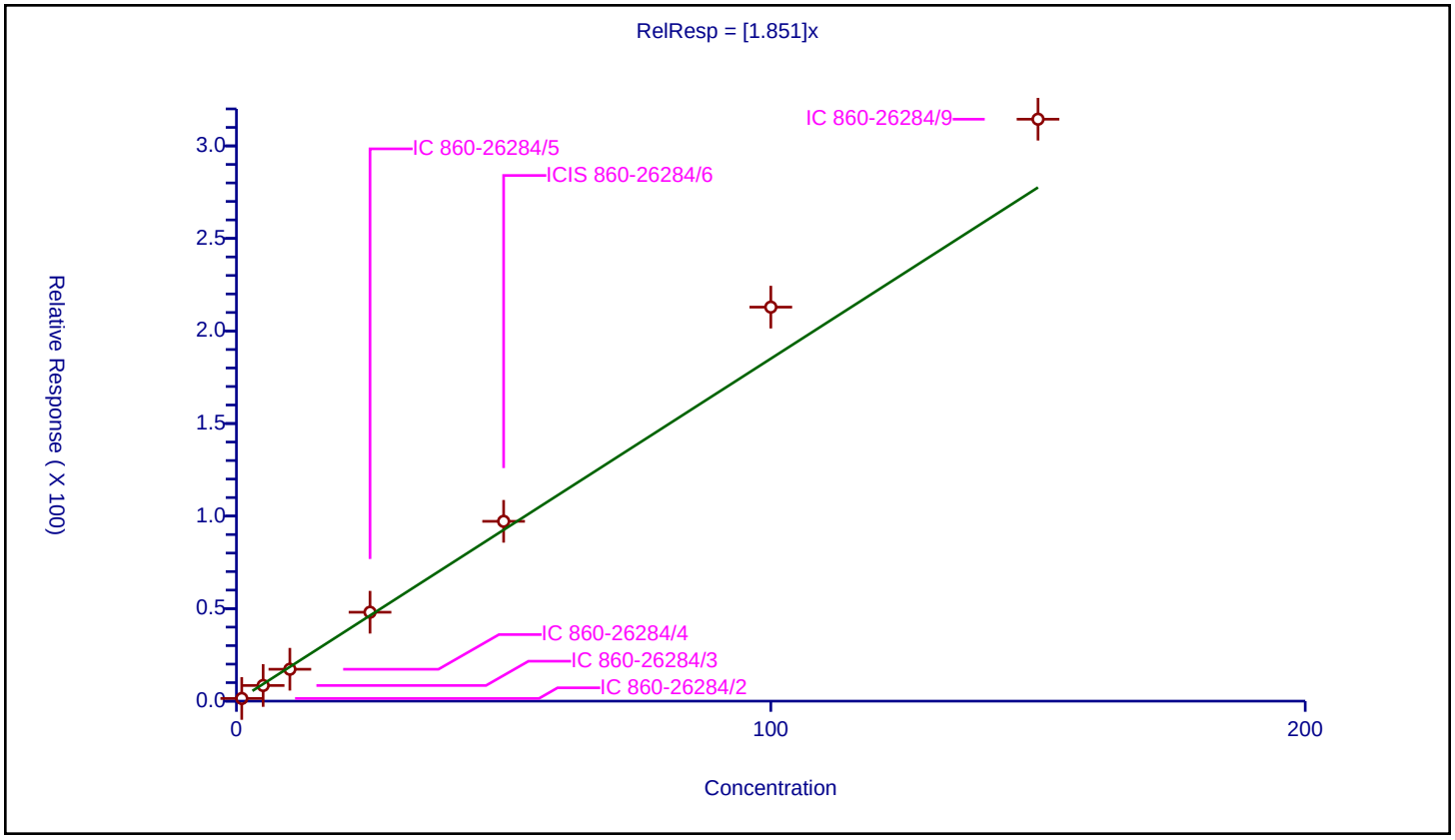
Curve Coefficients

Intercept:	0
Slope:	1.851

Error Coefficients

Standard Error:	596000
Relative Standard Error:	13.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	1.449105	50.0	200296.0	1.449105	Y
2	IC 860-26284/3	5.0	8.451833	50.0	197188.0	1.690367	Y
3	IC 860-26284/4	10.0	17.239626	50.0	193731.0	1.723963	Y
4	IC 860-26284/5	25.0	48.041828	50.0	196280.0	1.921673	Y
5	ICIS 860-26284/6	50.0	97.164419	50.0	201881.0	1.943288	Y
6	IC 860-26284/7	100.0	212.893083	50.0	186220.0	2.128931	Y
7	IC 860-26284/9	150.0	314.428196	50.0	181828.0	2.096188	Y



Calibration / Cyclohexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

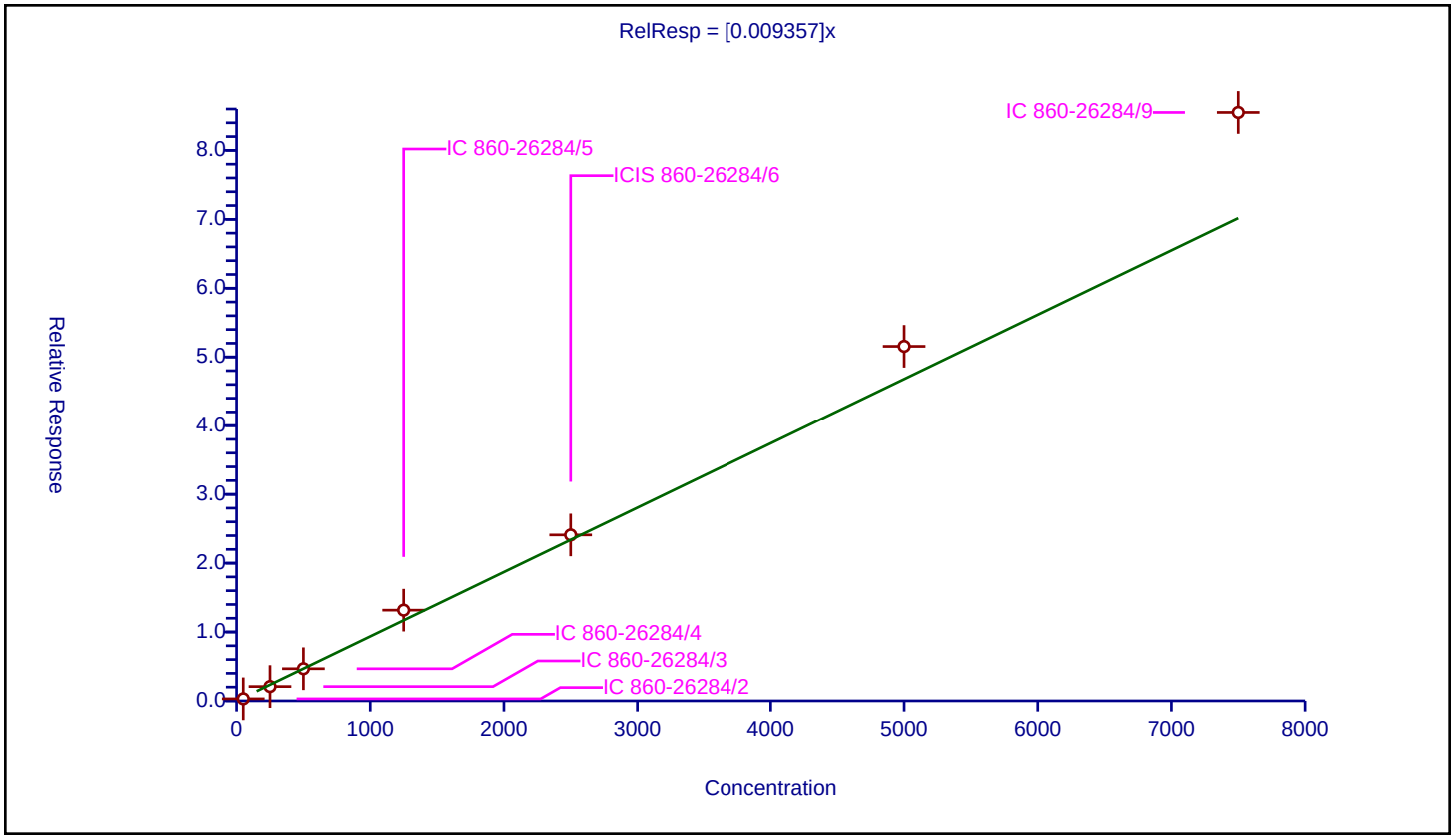
Curve Coefficients

Intercept:	0
Slope:	0.009357

Error Coefficients

Standard Error:	156000
Relative Standard Error:	19.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.965

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	50.0	0.298059	50.0	200296.0	0.005961	Y
2	IC 860-26284/3	250.0	2.077713	50.0	197188.0	0.008311	Y
3	IC 860-26284/4	500.0	4.667038	50.0	193731.0	0.009334	Y
4	IC 860-26284/5	1250.0	13.175056	50.0	196280.0	0.01054	Y
5	ICIS 860-26284/6	2500.0	24.099346	50.0	201881.0	0.00964	Y
6	IC 860-26284/7	5000.0	51.548974	50.0	186220.0	0.01031	Y
7	IC 860-26284/9	7500.0	85.502783	50.0	181828.0	0.0114	Y



Calibration / 4-Bromofluorobenzene (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

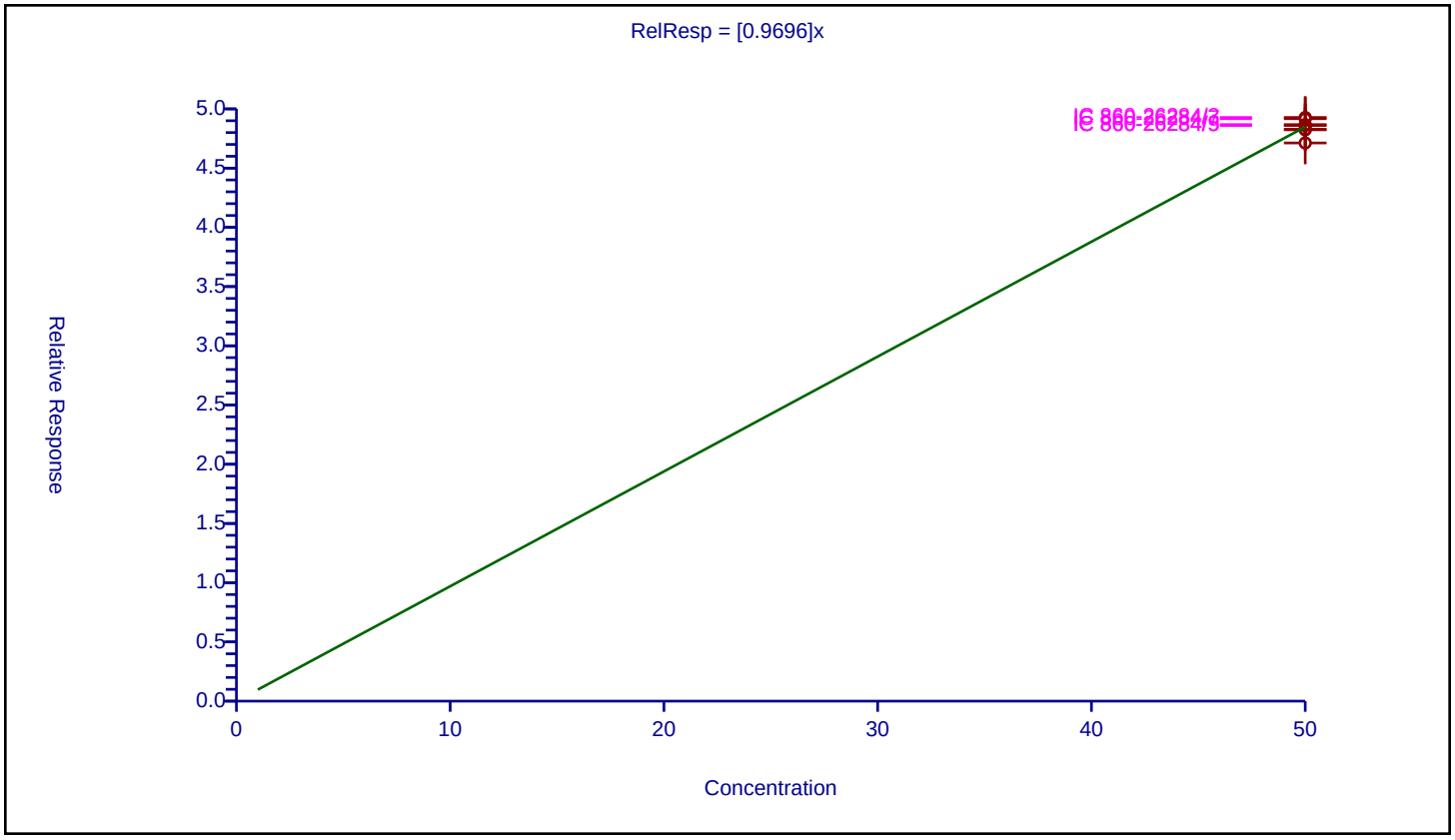
Curve Coefficients

Intercept:	0
Slope:	0.9696

Error Coefficients

Standard Error:	95400
Relative Standard Error:	1.5
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0.000000000000000222

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	50.0	48.277401	50.0	84001.0	0.965548	Y
2	IC 860-26284/3	50.0	49.273863	50.0	83111.0	0.985477	Y
3	IC 860-26284/4	50.0	48.233887	50.0	94926.0	0.964678	Y
4	IC 860-26284/5	50.0	48.599461	50.0	99069.0	0.971989	Y
5	ICIS 860-26284/6	50.0	47.124173	50.0	102840.0	0.942483	Y
6	IC 860-26284/7	50.0	49.171296	50.0	88391.0	0.983426	Y
7	IC 860-26284/9	50.0	48.672938	50.0	84510.0	0.973459	Y



Calibration / 1,1,2,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

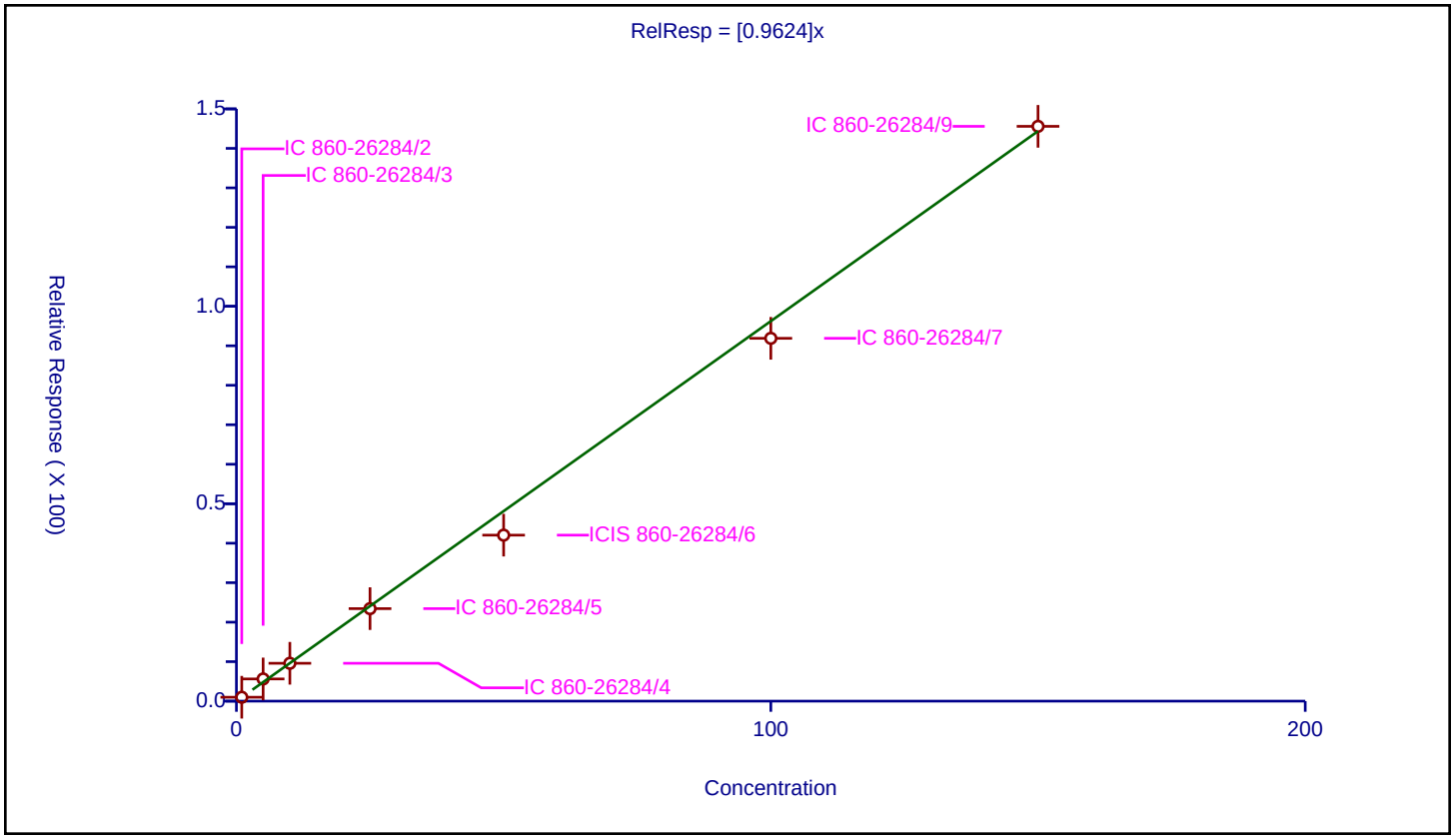
Curve Coefficients

Intercept:	0
Slope:	0.9624

Error Coefficients

Standard Error:	127000
Relative Standard Error:	8.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	0.985703	50.0	84001.0	0.985703	Y
2	IC 860-26284/3	5.0	5.623804	50.0	83111.0	1.124761	Y
3	IC 860-26284/4	10.0	9.587995	50.0	94926.0	0.958799	Y
4	IC 860-26284/5	25.0	23.430135	50.0	99069.0	0.937205	Y
5	ICIS 860-26284/6	50.0	42.043952	50.0	102840.0	0.840879	Y
6	IC 860-26284/7	100.0	91.890577	50.0	88391.0	0.918906	Y
7	IC 860-26284/9	150.0	145.580996	50.0	84510.0	0.97054	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

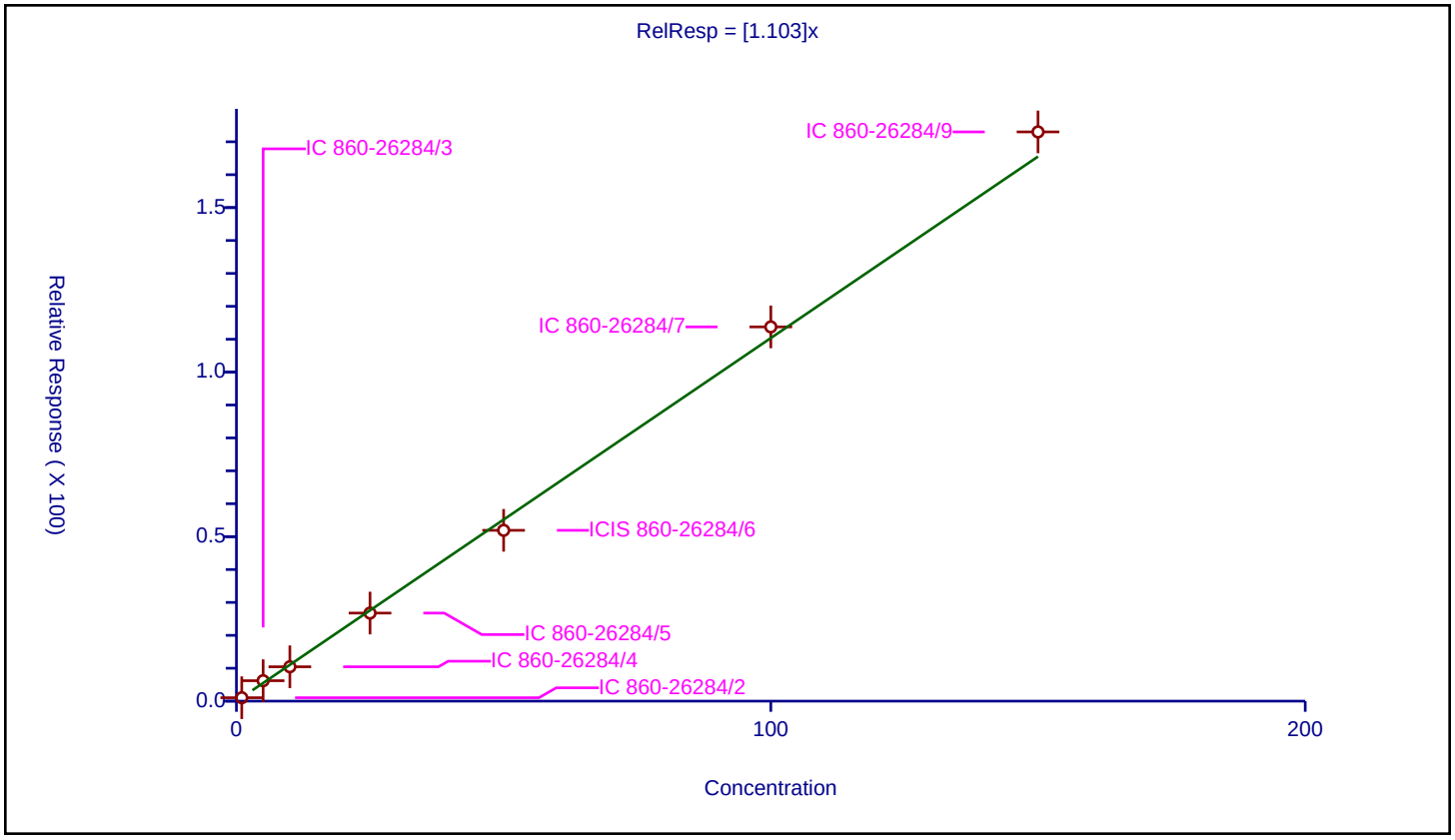
Curve Coefficients

Intercept:	0
Slope:	1.103

Error Coefficients

Standard Error:	153000
Relative Standard Error:	7.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	1.036892	50.0	84001.0	1.036892	Y
2	IC 860-26284/3	5.0	6.215784	50.0	83111.0	1.243157	Y
3	IC 860-26284/4	10.0	10.446032	50.0	94926.0	1.044603	Y
4	IC 860-26284/5	25.0	26.763165	50.0	99069.0	1.070527	Y
5	ICIS 860-26284/6	50.0	51.917056	50.0	102840.0	1.038341	Y
6	IC 860-26284/7	100.0	113.746309	50.0	88391.0	1.137463	Y
7	IC 860-26284/9	150.0	173.00497	50.0	84510.0	1.153366	Y



Calibration / 1,2,3-Trichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

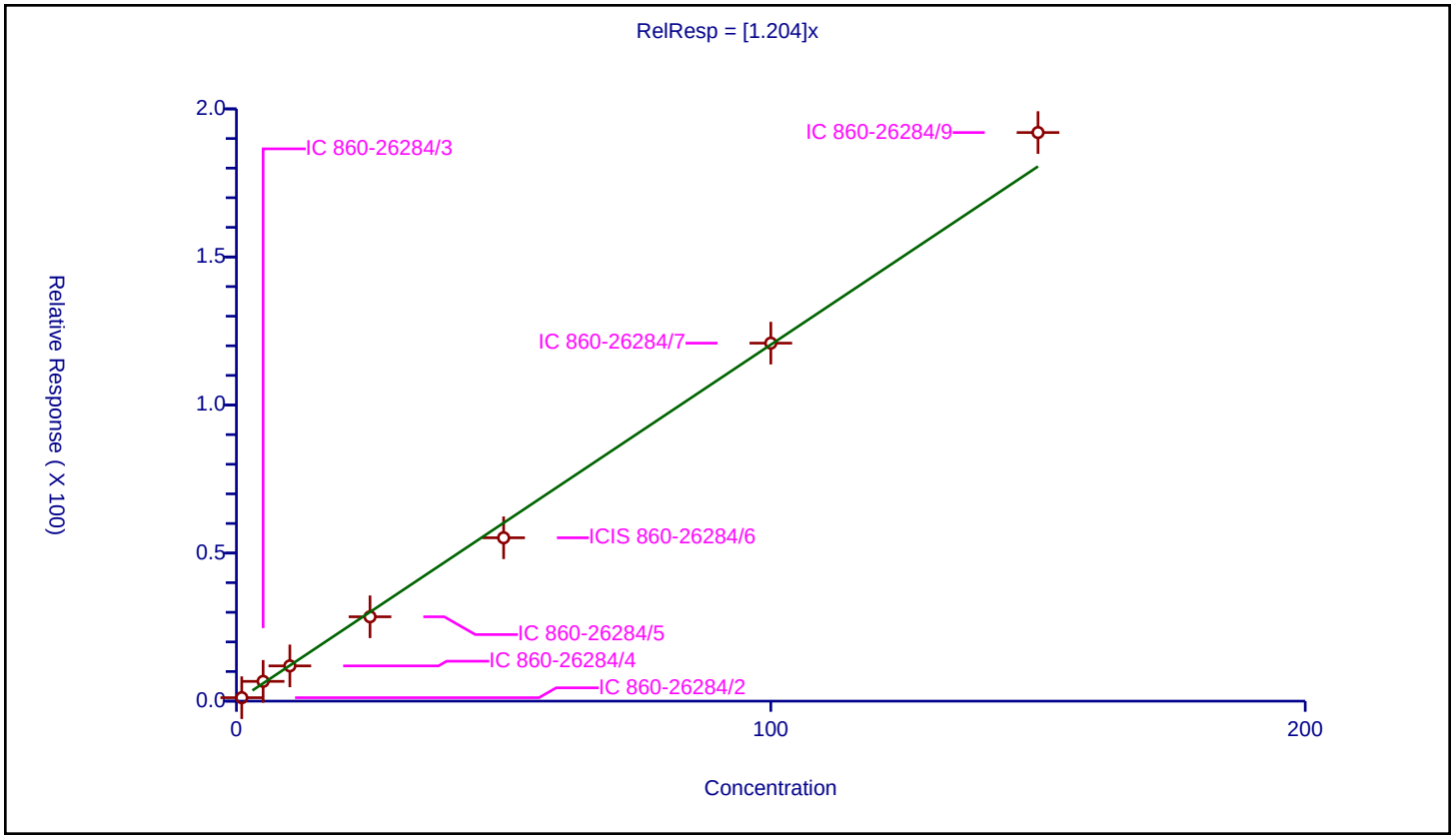
Curve Coefficients

Intercept:	0
Slope:	1.204

Error Coefficients

Standard Error:	167000
Relative Standard Error:	6.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	1.167843	50.0	84001.0	1.167843	Y
2	IC 860-26284/3	5.0	6.682028	50.0	83111.0	1.336406	Y
3	IC 860-26284/4	10.0	11.905063	50.0	94926.0	1.190506	Y
4	IC 860-26284/5	25.0	28.492768	50.0	99069.0	1.139711	Y
5	ICIS 860-26284/6	50.0	55.162874	50.0	102840.0	1.103257	Y
6	IC 860-26284/7	100.0	120.894096	50.0	88391.0	1.208941	Y
7	IC 860-26284/9	150.0	192.008638	50.0	84510.0	1.280058	Y



Calibration / trans-1,4-Dichloro-2-butene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

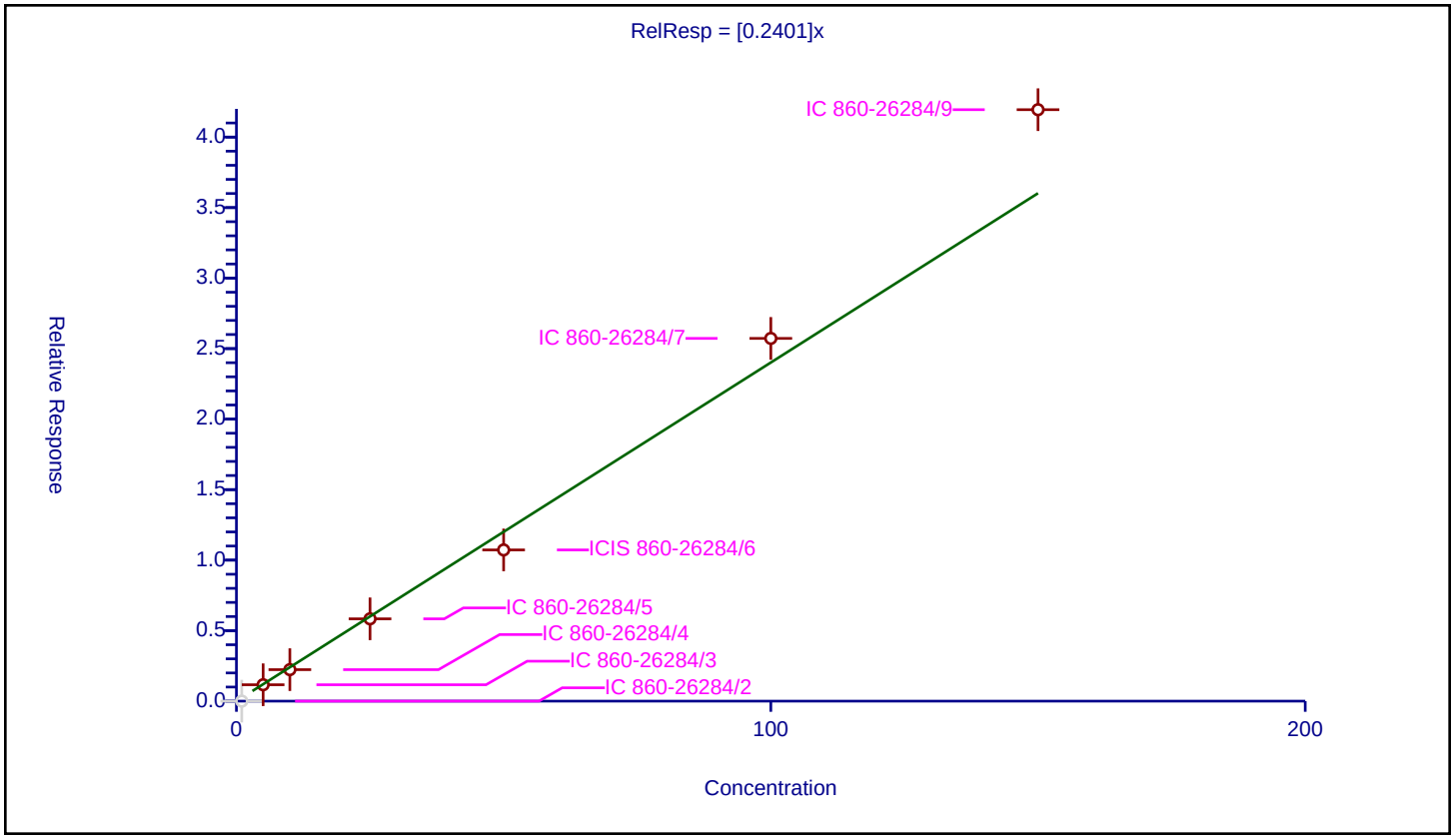
Curve Coefficients

Intercept:	0
Slope:	0.2401

Error Coefficients

Standard Error:	39300
Relative Standard Error:	10.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	0.0	50.0	84001.0	0.0	N
2	IC 860-26284/3	5.0	1.162301	50.0	83111.0	0.23246	Y
3	IC 860-26284/4	10.0	2.234372	50.0	94926.0	0.223437	Y
4	IC 860-26284/5	25.0	5.837346	50.0	99069.0	0.233494	Y
5	ICIS 860-26284/6	50.0	10.724426	50.0	102840.0	0.214489	Y
6	IC 860-26284/7	100.0	25.724338	50.0	88391.0	0.257243	Y
7	IC 860-26284/9	150.0	41.942965	50.0	84510.0	0.27962	Y



Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

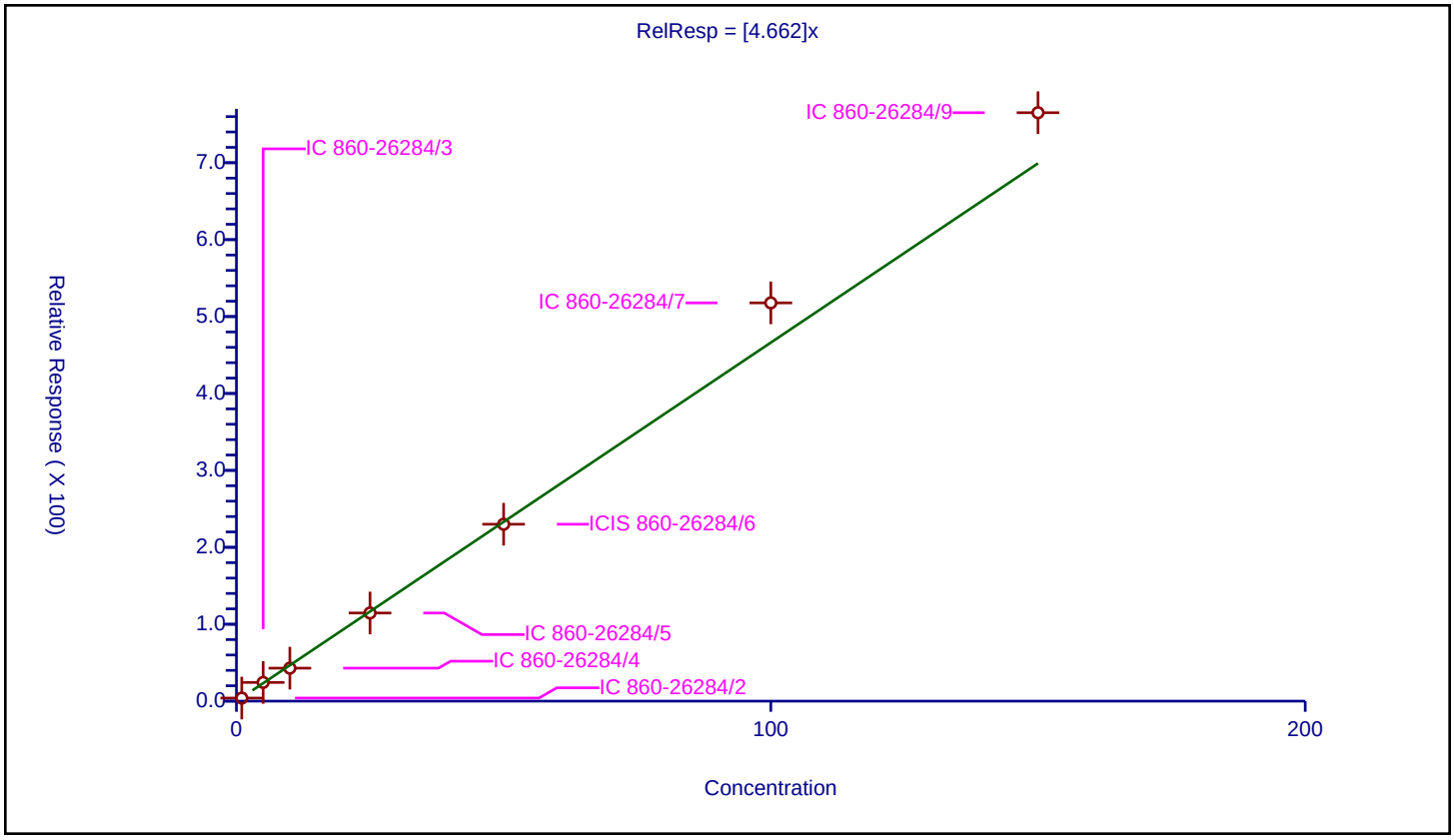
Curve Coefficients

Intercept:	0
Slope:	4.662

Error Coefficients

Standard Error:	682000
Relative Standard Error:	9.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	4.011857	50.0	84001.0	4.011857	Y
2	IC 860-26284/3	5.0	24.327105	50.0	83111.0	4.865421	Y
3	IC 860-26284/4	10.0	42.902366	50.0	94926.0	4.290237	Y
4	IC 860-26284/5	25.0	114.60901	50.0	99069.0	4.58436	Y
5	ICIS 860-26284/6	50.0	230.009238	50.0	102840.0	4.600185	Y
6	IC 860-26284/7	100.0	517.807243	50.0	88391.0	5.178072	Y
7	IC 860-26284/9	150.0	765.061531	50.0	84510.0	5.10041	Y



Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

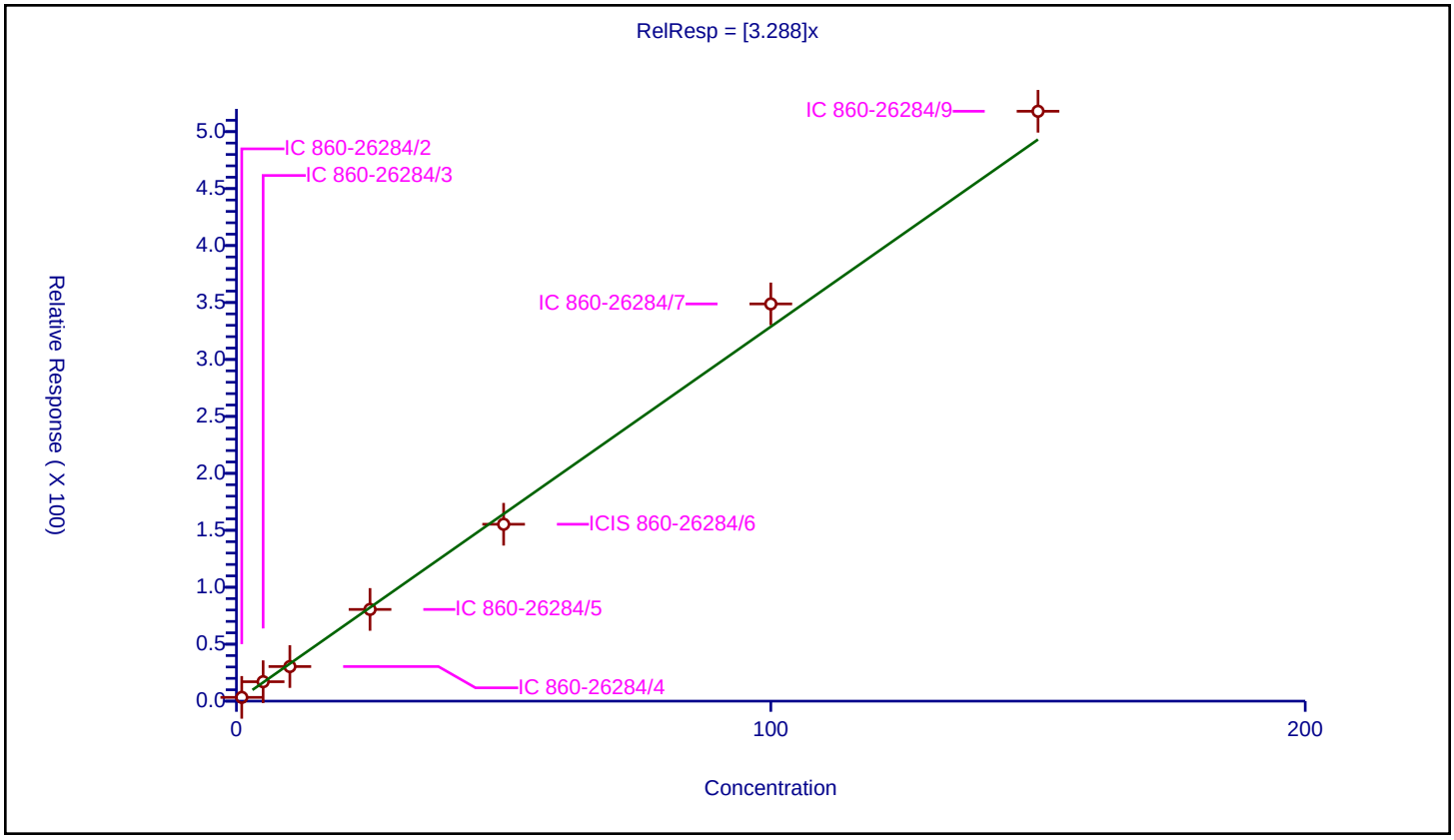
Curve Coefficients

Intercept:	0
Slope:	3.288

Error Coefficients

Standard Error:	461000
Relative Standard Error:	5.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	3.29758	50.0	84001.0	3.29758	Y
2	IC 860-26284/3	5.0	17.063325	50.0	83111.0	3.412665	Y
3	IC 860-26284/4	10.0	30.358911	50.0	94926.0	3.035891	Y
4	IC 860-26284/5	25.0	80.514591	50.0	99069.0	3.220584	Y
5	ICIS 860-26284/6	50.0	155.310677	50.0	102840.0	3.106214	Y
6	IC 860-26284/7	100.0	348.770802	50.0	88391.0	3.487708	Y
7	IC 860-26284/9	150.0	517.929831	50.0	84510.0	3.452866	Y



Calibration / 1,3,5-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

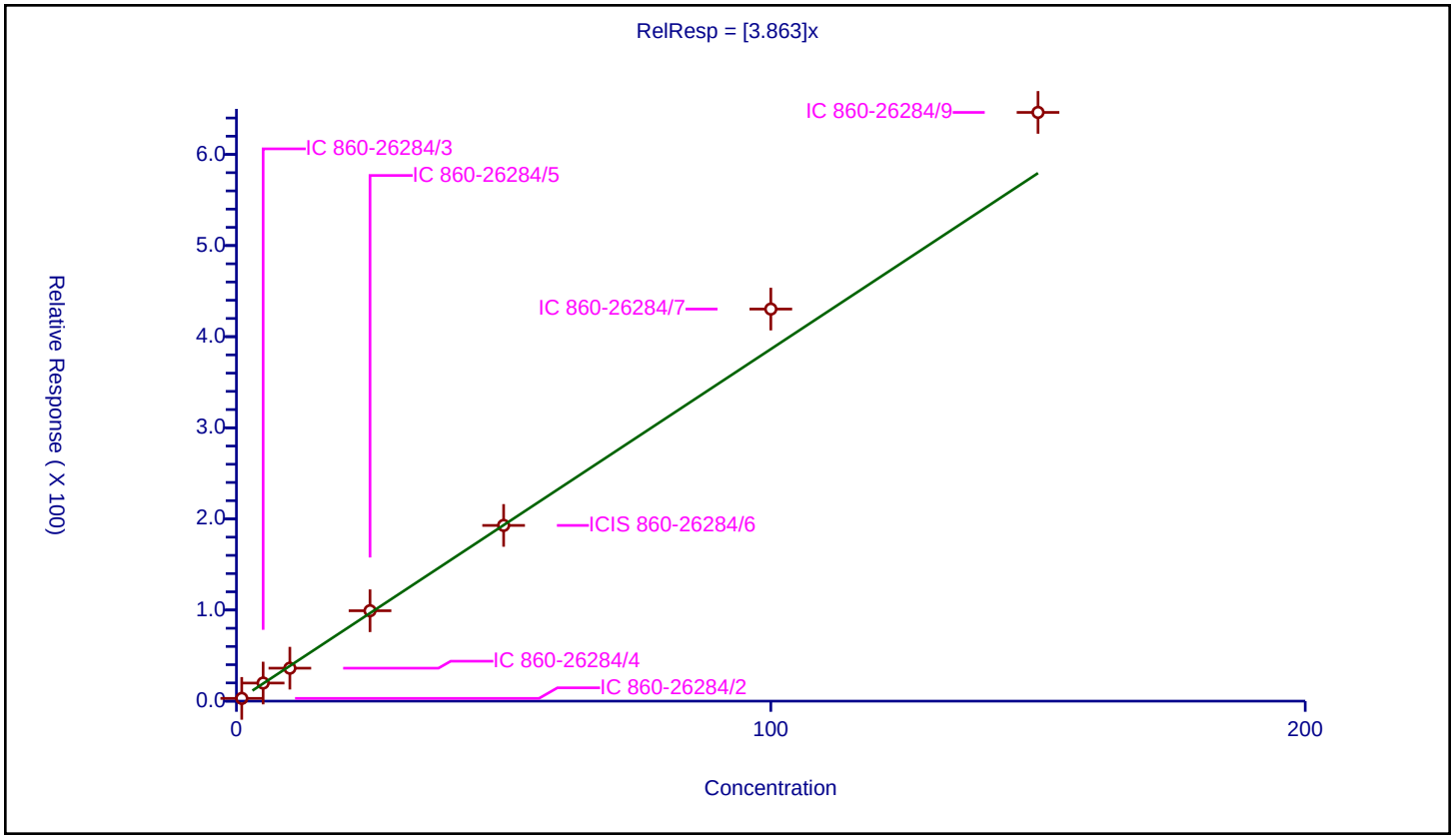
Curve Coefficients

Intercept:	0
Slope:	3.863

Error Coefficients

Standard Error:	573000
Relative Standard Error:	11.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	3.020202	50.0	84001.0	3.020202	Y
2	IC 860-26284/3	5.0	19.852968	50.0	83111.0	3.970594	Y
3	IC 860-26284/4	10.0	36.160272	50.0	94926.0	3.616027	Y
4	IC 860-26284/5	25.0	99.235886	50.0	99069.0	3.969435	Y
5	ICIS 860-26284/6	50.0	192.859782	50.0	102840.0	3.857196	Y
6	IC 860-26284/7	100.0	430.308516	50.0	88391.0	4.303085	Y
7	IC 860-26284/9	150.0	646.14661	50.0	84510.0	4.307644	Y



Calibration / 4-Ethyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

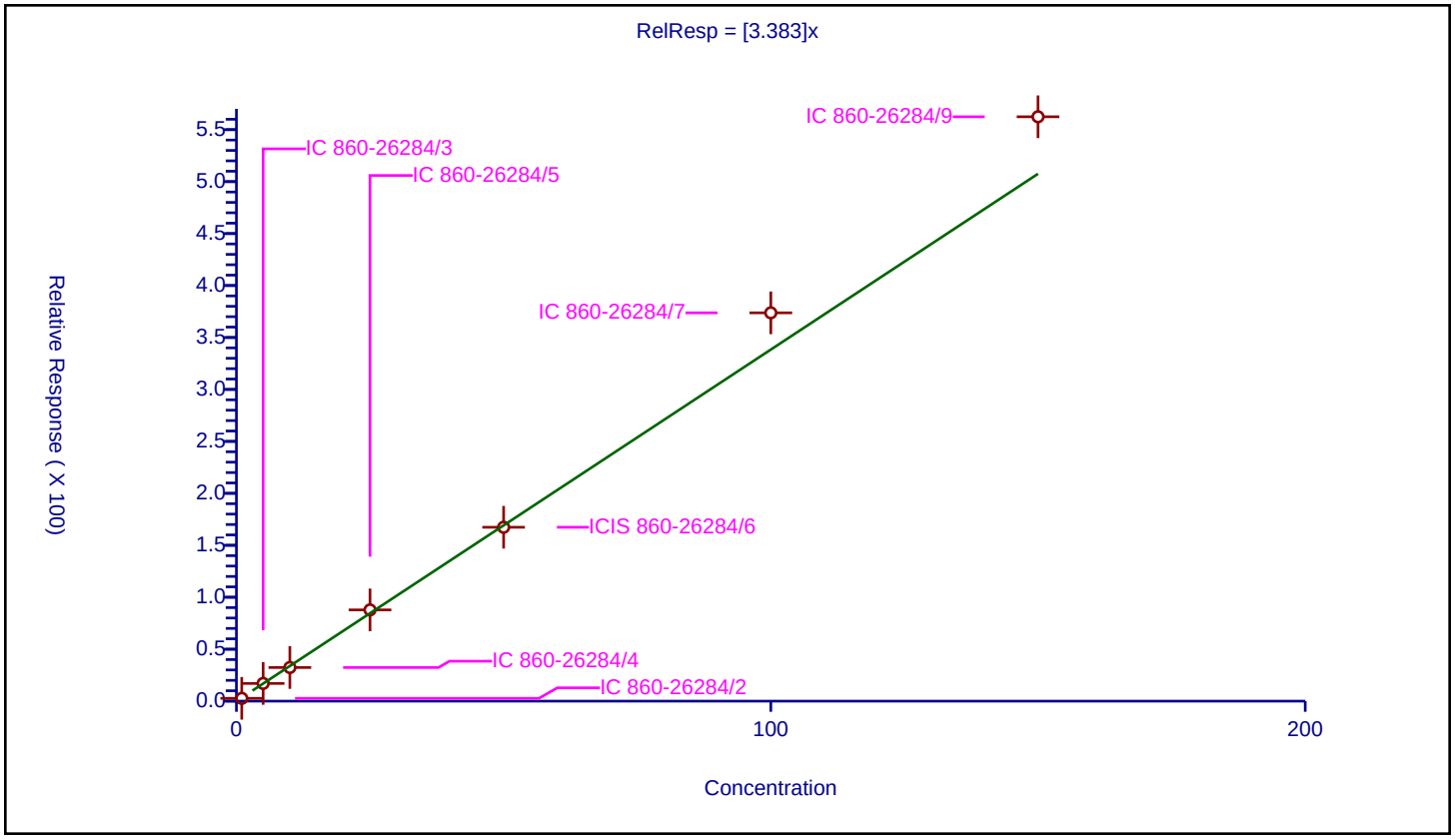
Curve Coefficients

Intercept:	0
Slope:	3.383

Error Coefficients

Standard Error:	499000
Relative Standard Error:	10.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	2.692825	50.0	84001.0	2.692825	Y
2	IC 860-26284/3	5.0	17.045878	50.0	83111.0	3.409176	Y
3	IC 860-26284/4	10.0	32.367844	50.0	94926.0	3.236784	Y
4	IC 860-26284/5	25.0	87.79487	50.0	99069.0	3.511795	Y
5	ICIS 860-26284/6	50.0	167.346849	50.0	102840.0	3.346937	Y
6	IC 860-26284/7	100.0	373.725266	50.0	88391.0	3.737253	Y
7	IC 860-26284/9	150.0	562.424565	50.0	84510.0	3.749497	Y



Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

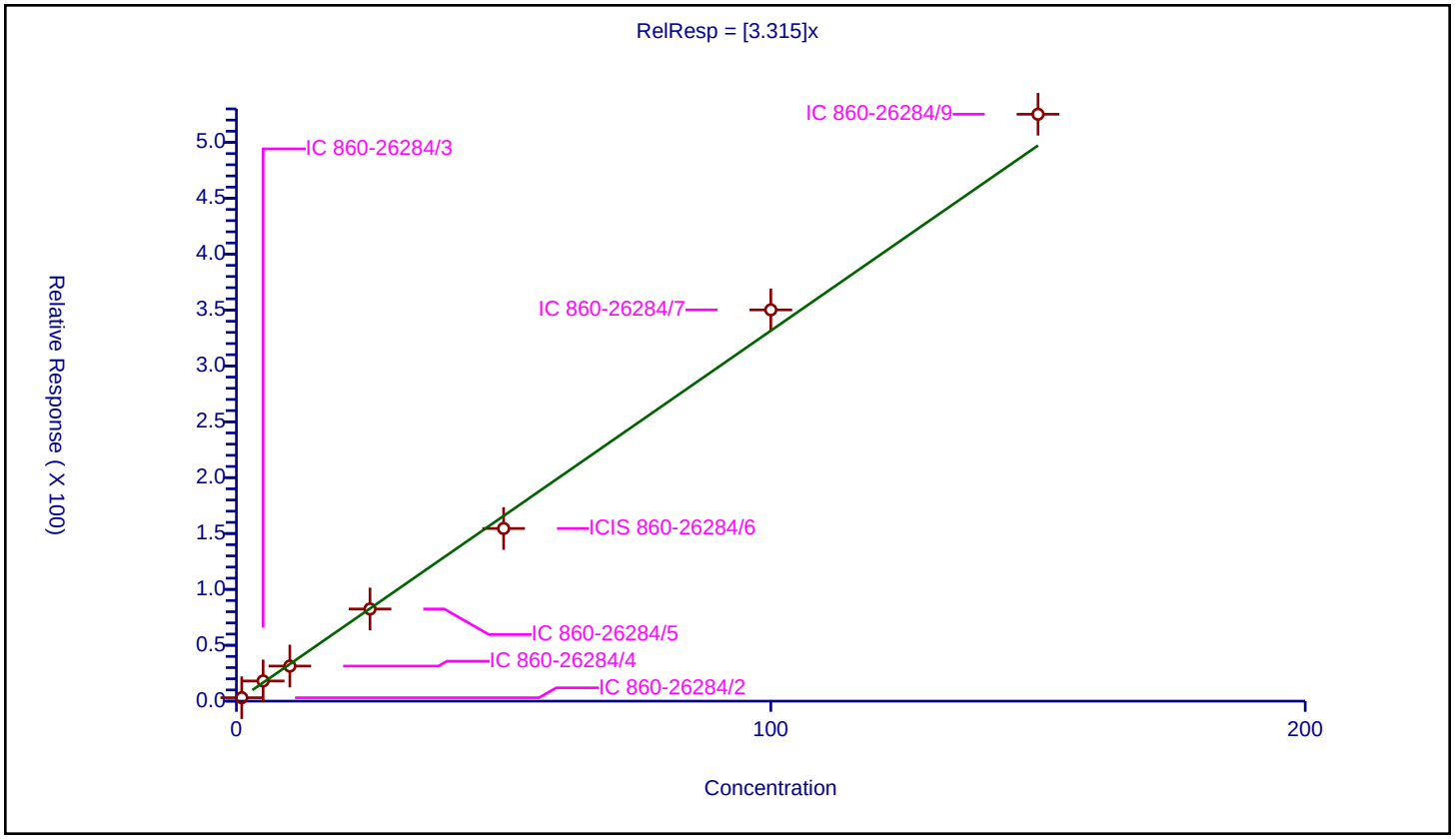
Curve Coefficients

Intercept:	0
Slope:	3.315

Error Coefficients

Standard Error:	466000
Relative Standard Error:	6.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	3.06544	50.0	84001.0	3.06544	Y
2	IC 860-26284/3	5.0	18.052965	50.0	83111.0	3.610593	Y
3	IC 860-26284/4	10.0	31.379706	50.0	94926.0	3.137971	Y
4	IC 860-26284/5	25.0	82.477869	50.0	99069.0	3.299115	Y
5	ICIS 860-26284/6	50.0	154.499708	50.0	102840.0	3.089994	Y
6	IC 860-26284/7	100.0	350.14368	50.0	88391.0	3.501437	Y
7	IC 860-26284/9	150.0	525.207076	50.0	84510.0	3.501381	Y



Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

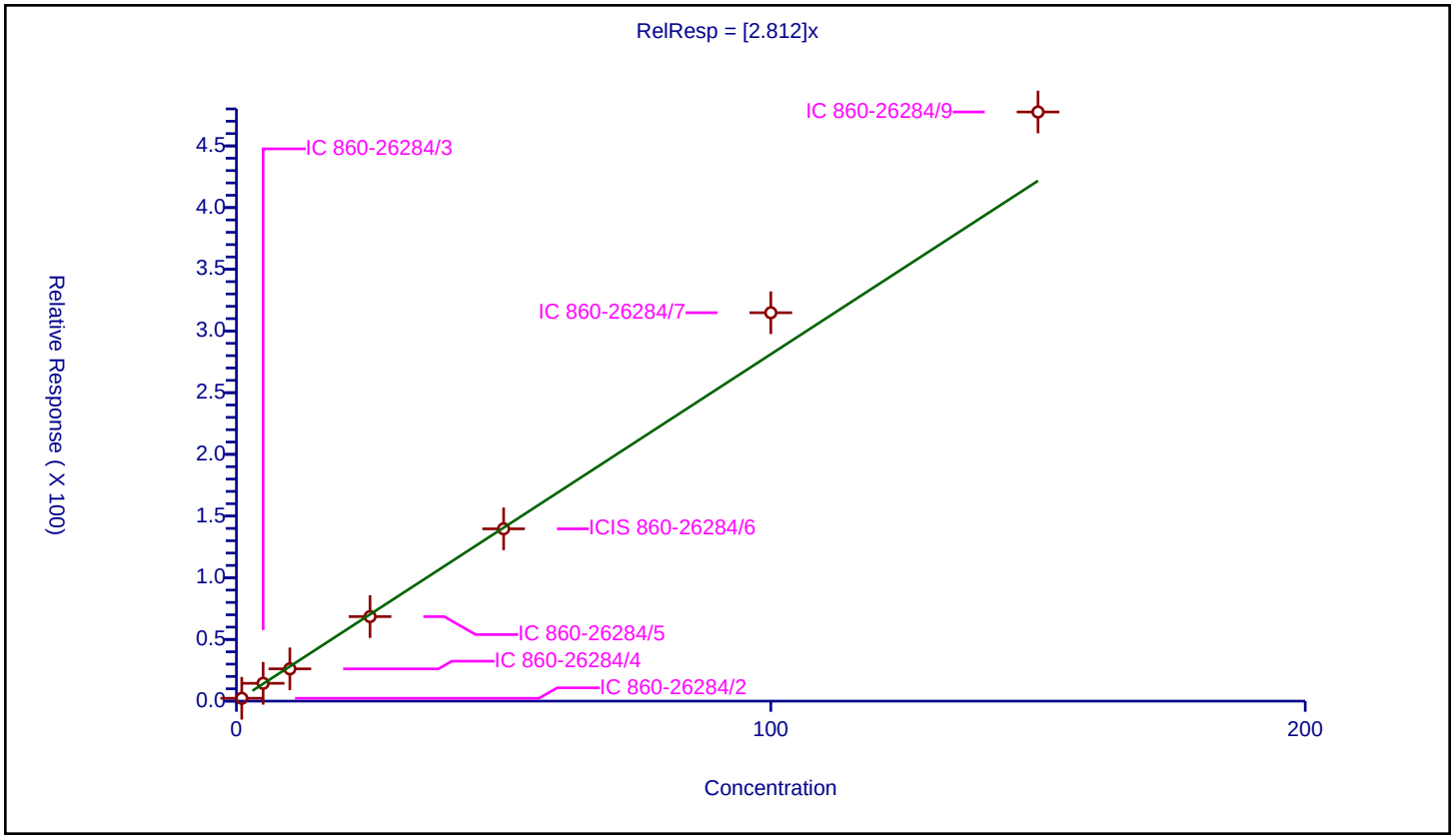
Curve Coefficients

Intercept:	0
Slope:	2.812

Error Coefficients

Standard Error:	421000
Relative Standard Error:	10.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	2.310092	50.0	84001.0	2.310092	Y
2	IC 860-26284/3	5.0	14.443936	50.0	83111.0	2.888787	Y
3	IC 860-26284/4	10.0	26.175126	50.0	94926.0	2.617513	Y
4	IC 860-26284/5	25.0	68.508817	50.0	99069.0	2.740353	Y
5	ICIS 860-26284/6	50.0	139.646538	50.0	102840.0	2.792931	Y
6	IC 860-26284/7	100.0	314.799018	50.0	88391.0	3.14799	Y
7	IC 860-26284/9	150.0	477.499113	50.0	84510.0	3.183327	Y



Calibration / 1,2,4-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

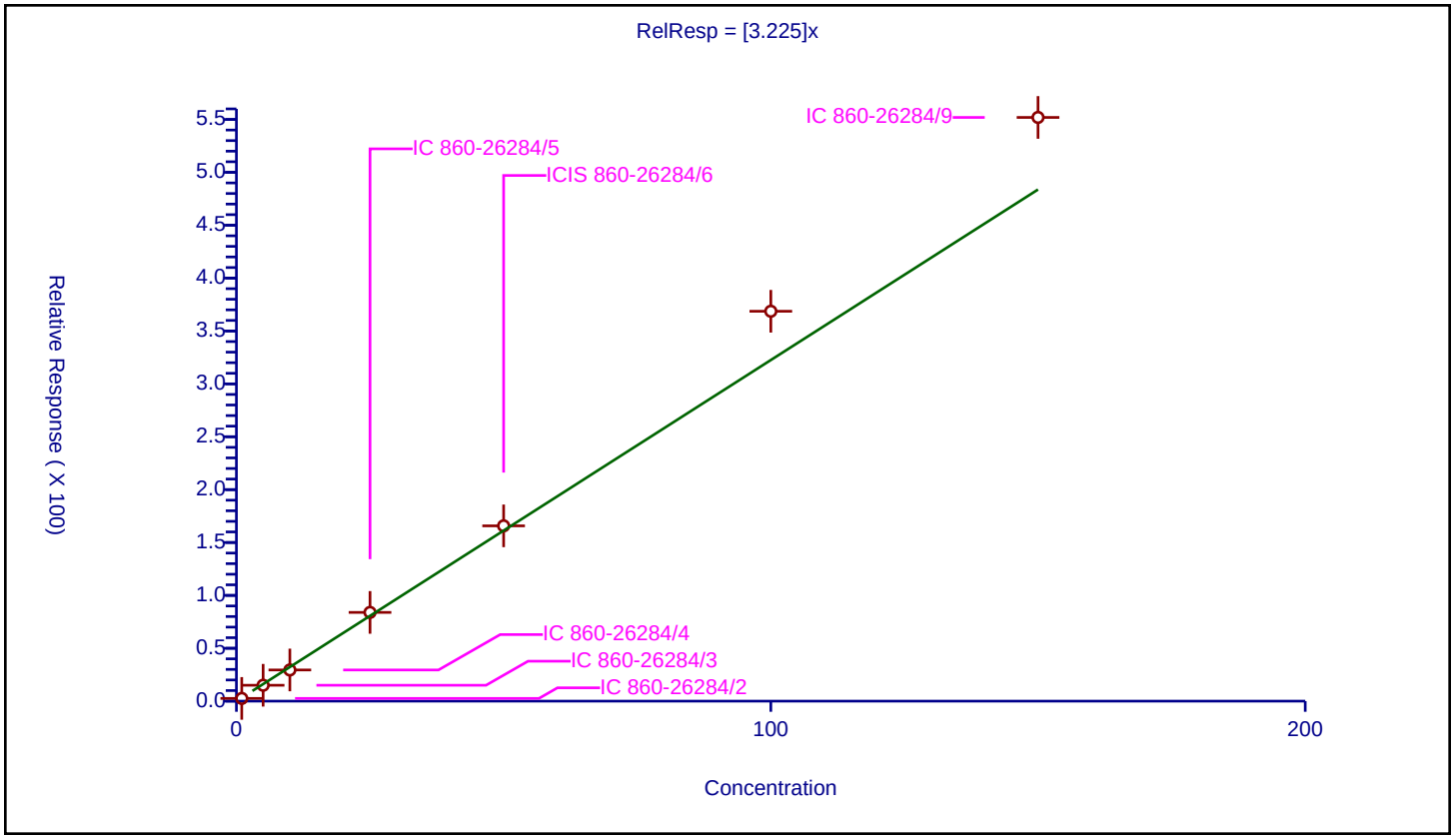
Curve Coefficients

Intercept:	0
Slope:	3.225

Error Coefficients

Standard Error:	490000
Relative Standard Error:	12.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	2.583898	50.0	84001.0	2.583898	Y
2	IC 860-26284/3	5.0	15.026892	50.0	83111.0	3.005378	Y
3	IC 860-26284/4	10.0	29.48876	50.0	94926.0	2.948876	Y
4	IC 860-26284/5	25.0	83.905662	50.0	99069.0	3.356226	Y
5	ICIS 860-26284/6	50.0	165.754084	50.0	102840.0	3.315082	Y
6	IC 860-26284/7	100.0	368.650089	50.0	88391.0	3.686501	Y
7	IC 860-26284/9	150.0	551.916933	50.0	84510.0	3.679446	Y



Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

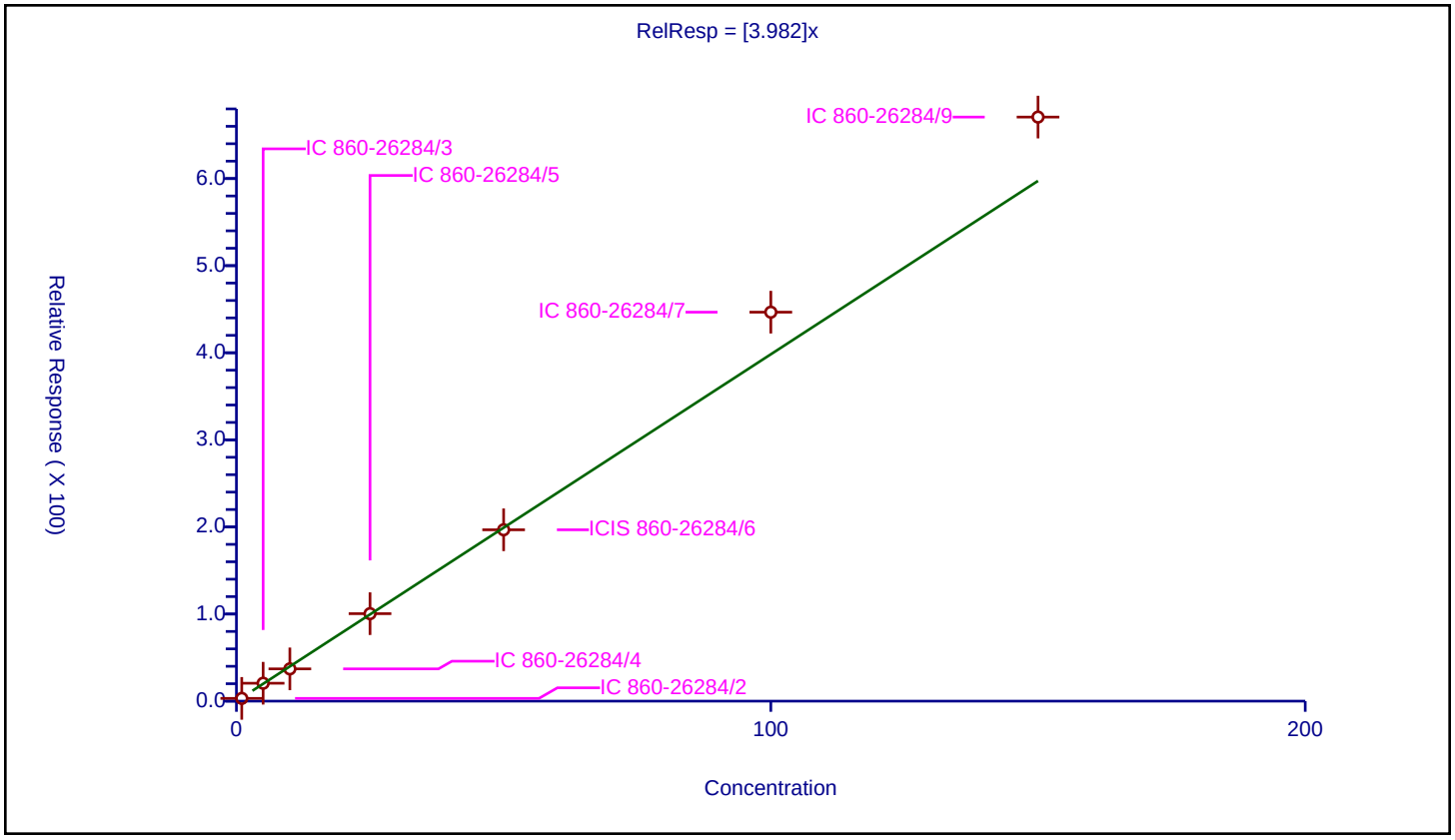
Curve Coefficients

Intercept:	0
Slope:	3.982

Error Coefficients

Standard Error:	594000
Relative Standard Error:	11.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	3.171986	50.0	84001.0	3.171986	Y
2	IC 860-26284/3	5.0	20.553236	50.0	83111.0	4.110647	Y
3	IC 860-26284/4	10.0	37.049386	50.0	94926.0	3.704939	Y
4	IC 860-26284/5	25.0	100.435555	50.0	99069.0	4.017422	Y
5	ICIS 860-26284/6	50.0	196.72501	50.0	102840.0	3.9345	Y
6	IC 860-26284/7	100.0	446.595242	50.0	88391.0	4.465952	Y
7	IC 860-26284/9	150.0	670.610579	50.0	84510.0	4.470737	Y



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

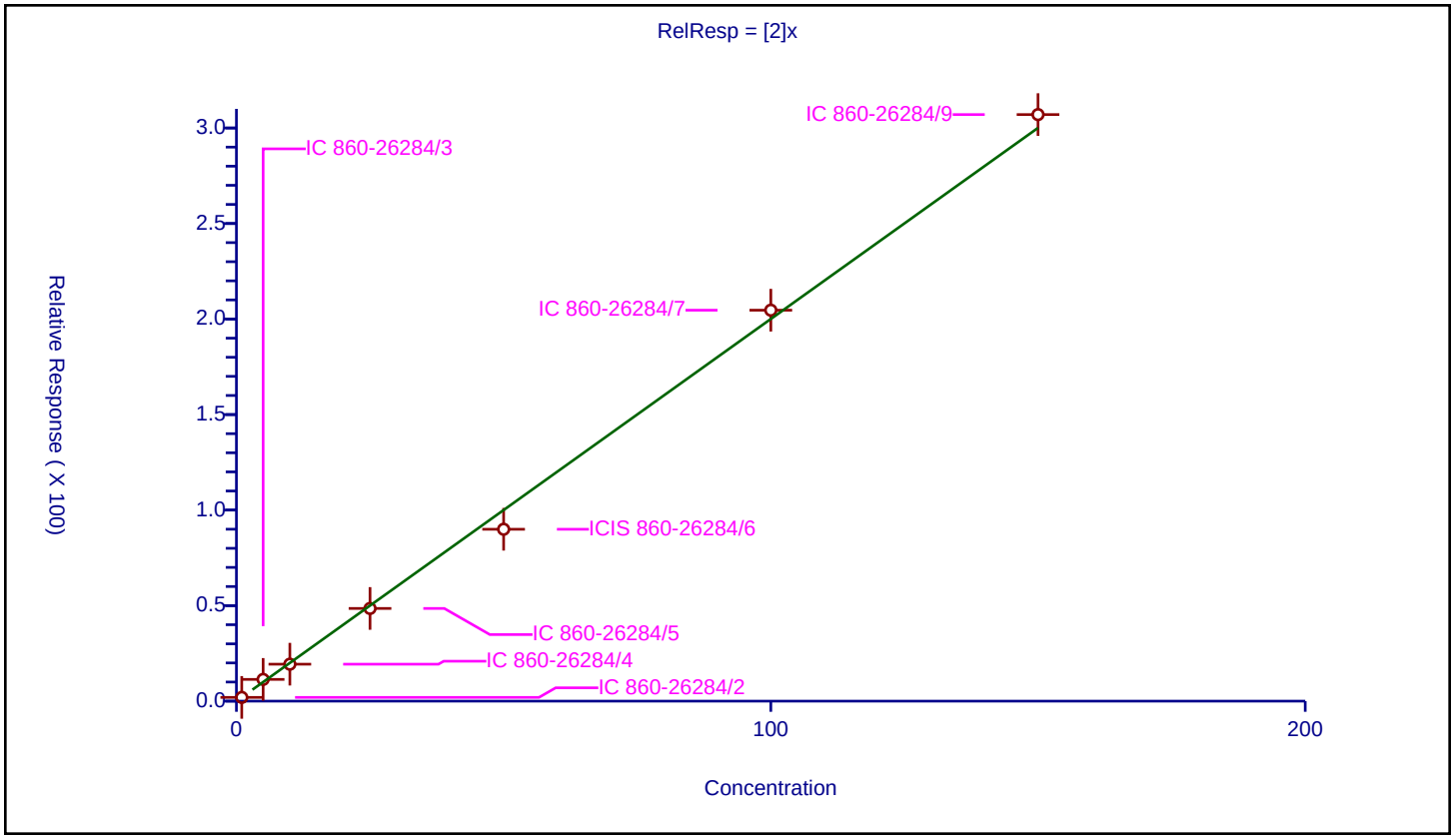
Curve Coefficients

Intercept:	0
Slope:	2

Error Coefficients

Standard Error:	272000
Relative Standard Error:	7.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	1.95831	50.0	84001.0	1.95831	Y
2	IC 860-26284/3	5.0	11.382368	50.0	83111.0	2.276474	Y
3	IC 860-26284/4	10.0	19.346649	50.0	94926.0	1.934665	Y
4	IC 860-26284/5	25.0	48.518204	50.0	99069.0	1.940728	Y
5	ICIS 860-26284/6	50.0	89.972287	50.0	102840.0	1.799446	Y
6	IC 860-26284/7	100.0	204.636784	50.0	88391.0	2.046368	Y
7	IC 860-26284/9	150.0	307.017513	50.0	84510.0	2.046783	Y



Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

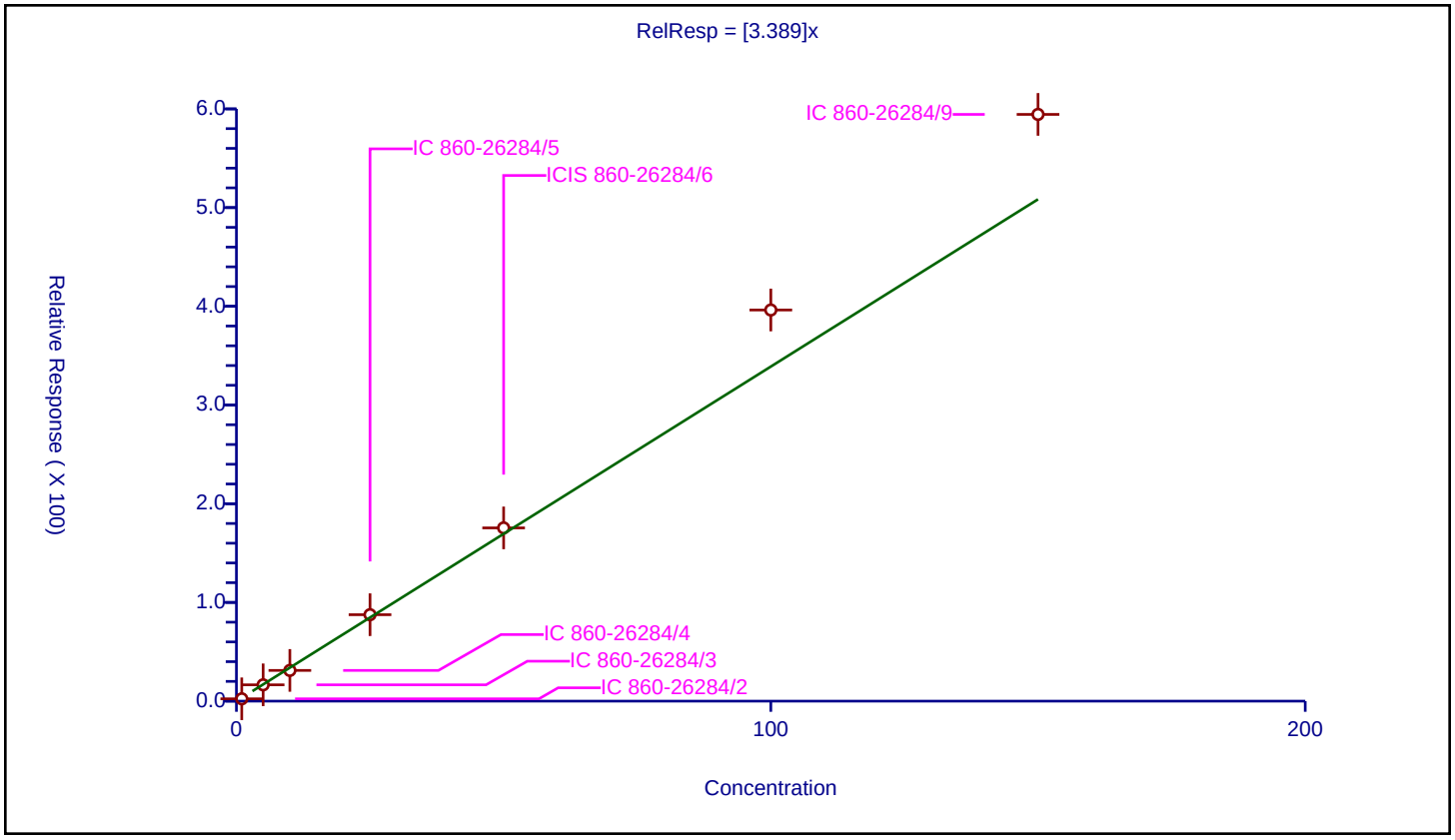
Curve Coefficients

Intercept:	0
Slope:	3.389

Error Coefficients

Standard Error:	526000
Relative Standard Error:	16.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.974

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	2.37021	50.0	84001.0	2.37021	Y
2	IC 860-26284/3	5.0	16.519474	50.0	83111.0	3.303895	Y
3	IC 860-26284/4	10.0	31.134252	50.0	94926.0	3.113425	Y
4	IC 860-26284/5	25.0	87.567756	50.0	99069.0	3.50271	Y
5	ICIS 860-26284/6	50.0	175.500292	50.0	102840.0	3.510006	Y
6	IC 860-26284/7	100.0	396.246224	50.0	88391.0	3.962462	Y
7	IC 860-26284/9	150.0	594.423145	50.0	84510.0	3.962821	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

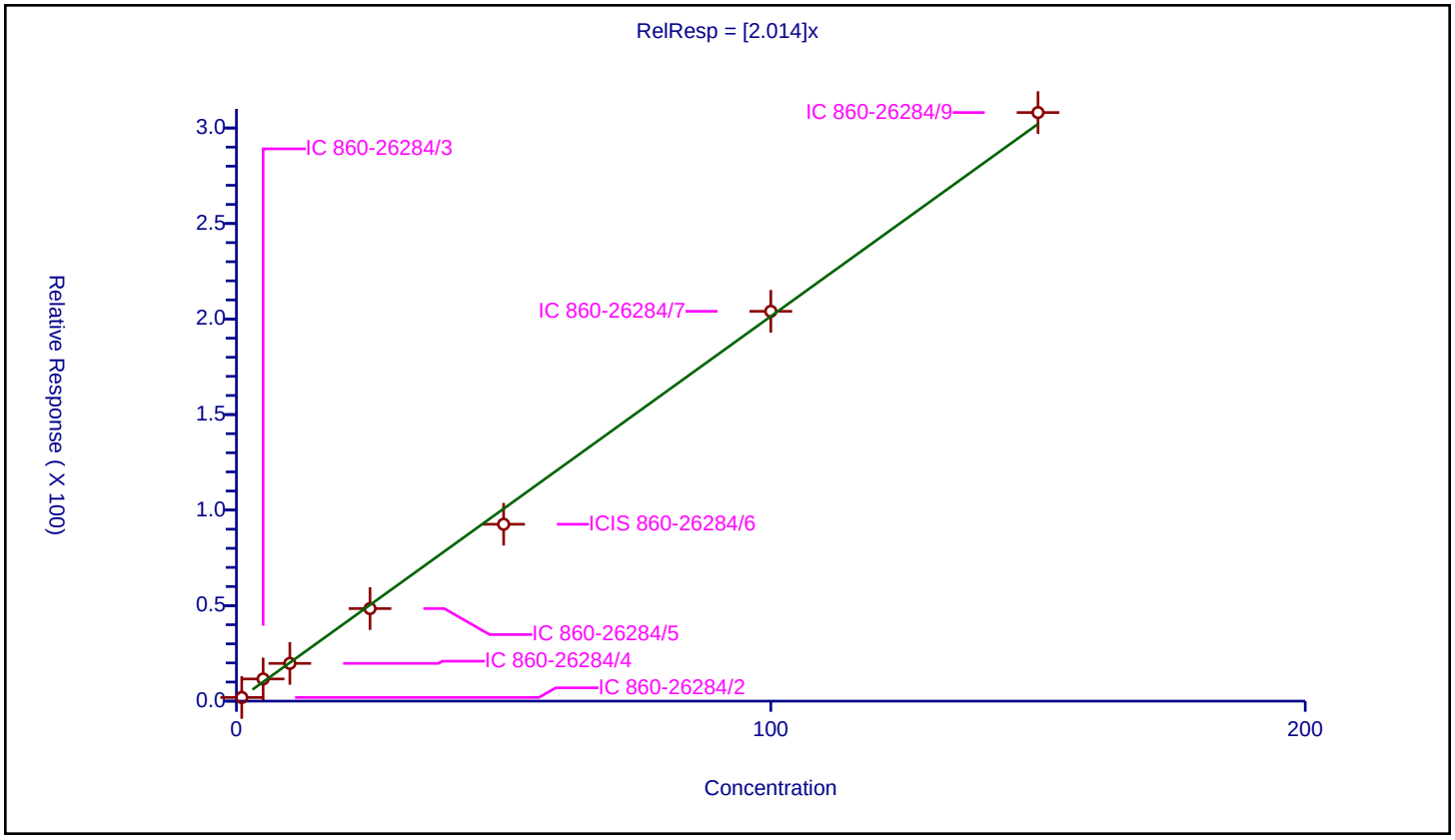
Curve Coefficients

Intercept:	0
Slope:	2.014

Error Coefficients

Standard Error:	273000
Relative Standard Error:	7.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	1.917239	50.0	84001.0	1.917239	Y
2	IC 860-26284/3	5.0	11.606165	50.0	83111.0	2.321233	Y
3	IC 860-26284/4	10.0	19.759602	50.0	94926.0	1.97596	Y
4	IC 860-26284/5	25.0	48.449061	50.0	99069.0	1.937962	Y
5	ICIS 860-26284/6	50.0	92.59189	50.0	102840.0	1.851838	Y
6	IC 860-26284/7	100.0	204.04962	50.0	88391.0	2.040496	Y
7	IC 860-26284/9	150.0	308.089575	50.0	84510.0	2.053931	Y



Calibration / Dicyclopentadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

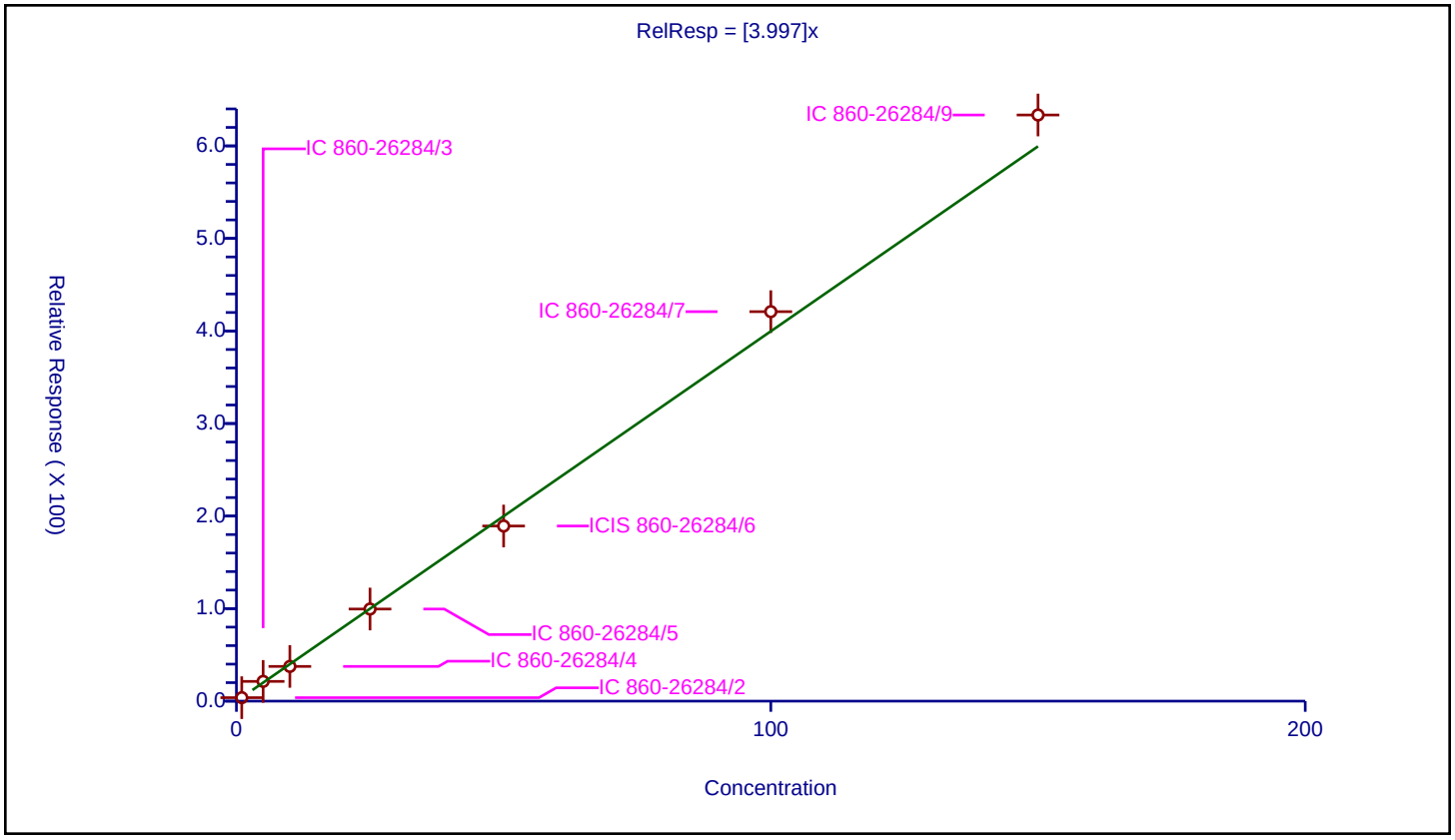
Curve Coefficients

Intercept:	0
Slope:	3.997

Error Coefficients

Standard Error:	562000
Relative Standard Error:	5.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	3.758884	50.0	84001.0	3.758884	Y
2	IC 860-26284/3	5.0	21.343745	50.0	83111.0	4.268749	Y
3	IC 860-26284/4	10.0	37.518172	50.0	94926.0	3.751817	Y
4	IC 860-26284/5	25.0	99.552837	50.0	99069.0	3.982113	Y
5	ICIS 860-26284/6	50.0	189.26585	50.0	102840.0	3.785317	Y
6	IC 860-26284/7	100.0	420.894096	50.0	88391.0	4.208941	Y
7	IC 860-26284/9	150.0	633.399598	50.0	84510.0	4.222664	Y



Calibration / Benzyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

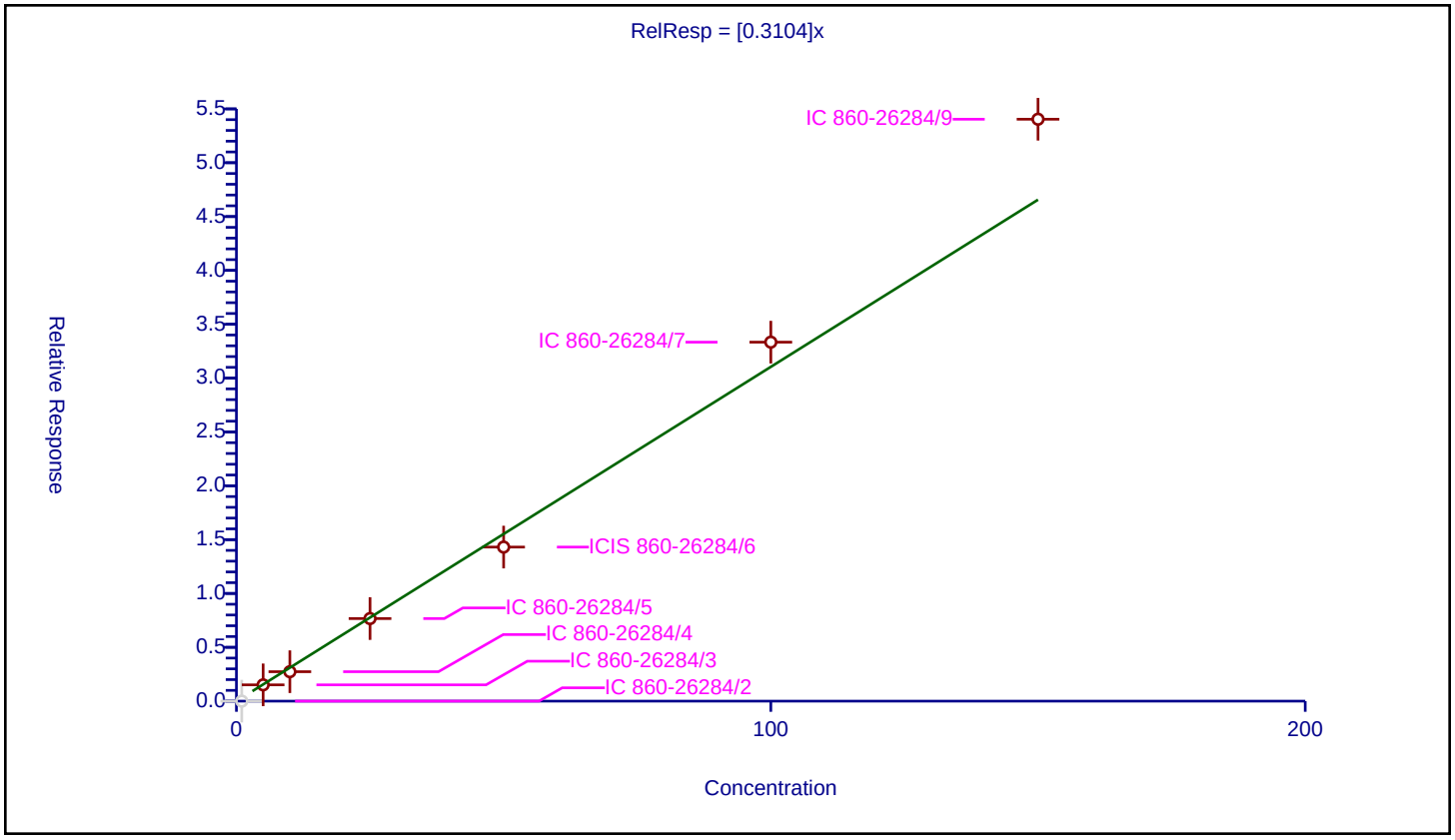
Curve Coefficients

Intercept:	0
Slope:	0.3104

Error Coefficients

Standard Error:	50900
Relative Standard Error:	10.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	0.0	50.0	84001.0	0.0	N
2	IC 860-26284/3	5.0	1.513638	50.0	83111.0	0.302728	Y
3	IC 860-26284/4	10.0	2.733182	50.0	94926.0	0.273318	Y
4	IC 860-26284/5	25.0	7.669907	50.0	99069.0	0.306796	Y
5	ICIS 860-26284/6	50.0	14.30669	50.0	102840.0	0.286134	Y
6	IC 860-26284/7	100.0	33.338236	50.0	88391.0	0.333382	Y
7	IC 860-26284/9	150.0	54.040942	50.0	84510.0	0.360273	Y



Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

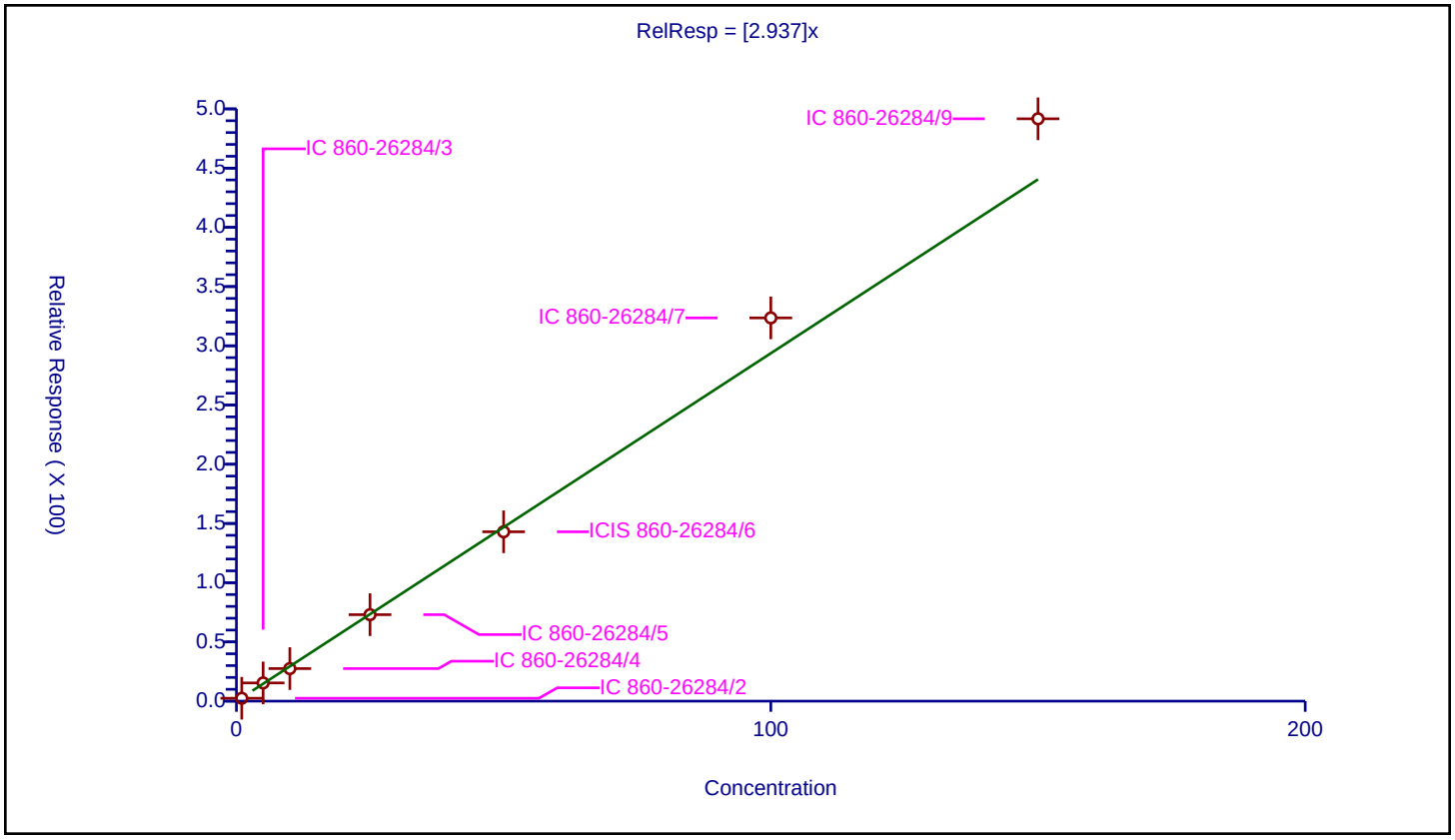
Curve Coefficients

Intercept:	0
Slope:	2.937

Error Coefficients

Standard Error:	433000
Relative Standard Error:	9.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	2.443423	50.0	84001.0	2.443423	Y
2	IC 860-26284/3	5.0	15.359579	50.0	83111.0	3.071916	Y
3	IC 860-26284/4	10.0	27.493521	50.0	94926.0	2.749352	Y
4	IC 860-26284/5	25.0	72.998112	50.0	99069.0	2.919924	Y
5	ICIS 860-26284/6	50.0	142.963827	50.0	102840.0	2.859277	Y
6	IC 860-26284/7	100.0	323.545384	50.0	88391.0	3.235454	Y
7	IC 860-26284/9	150.0	491.644184	50.0	84510.0	3.277628	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

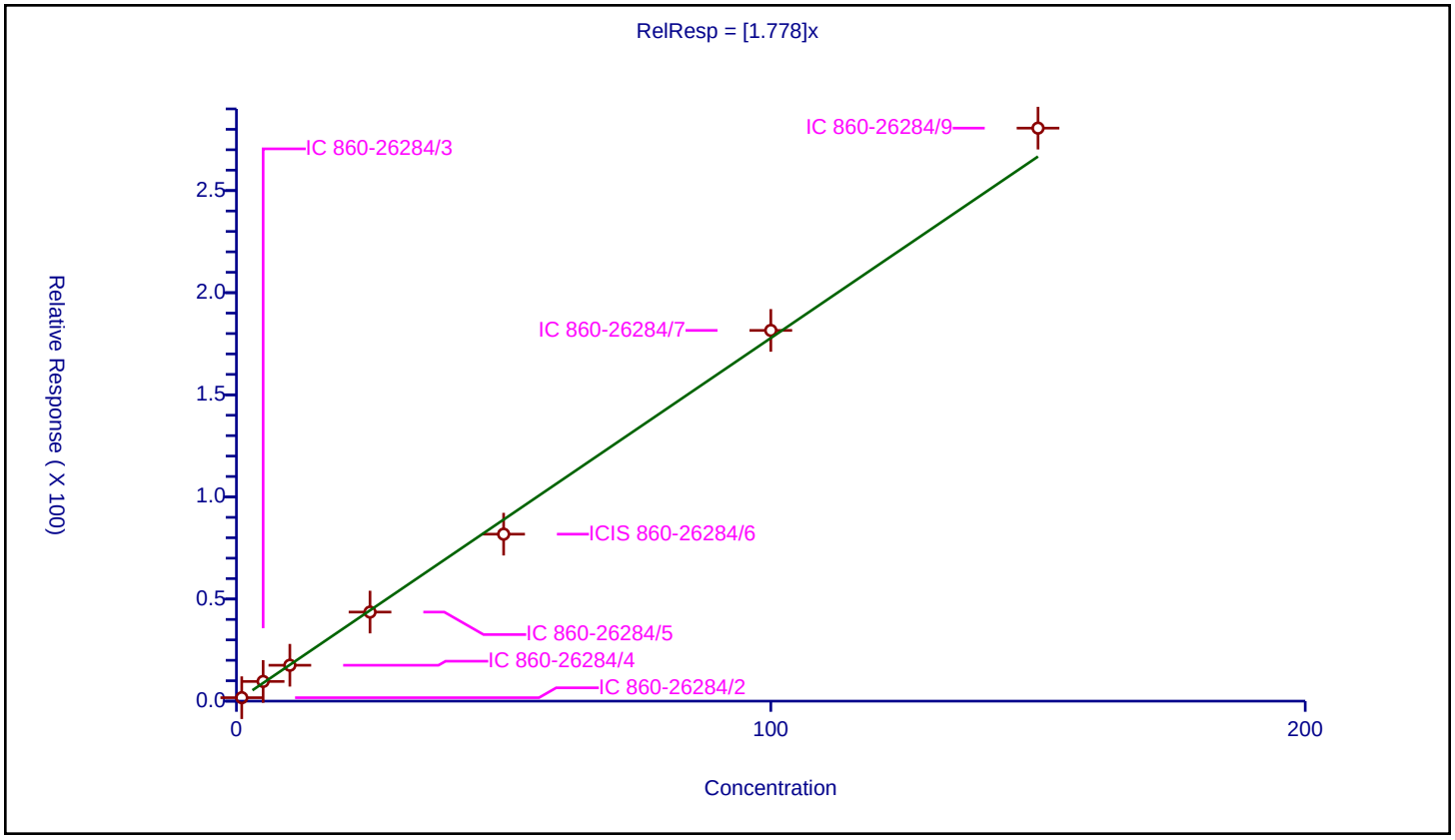
Curve Coefficients

Intercept:	0
Slope:	1.778

Error Coefficients

Standard Error:	247000
Relative Standard Error:	5.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	1.692837	50.0	84001.0	1.692837	Y
2	IC 860-26284/3	5.0	9.646136	50.0	83111.0	1.929227	Y
3	IC 860-26284/4	10.0	17.572636	50.0	94926.0	1.757264	Y
4	IC 860-26284/5	25.0	43.61657	50.0	99069.0	1.744663	Y
5	ICIS 860-26284/6	50.0	81.769739	50.0	102840.0	1.635395	Y
6	IC 860-26284/7	100.0	181.536016	50.0	88391.0	1.81536	Y
7	IC 860-26284/9	150.0	280.585729	50.0	84510.0	1.870572	Y



Calibration / 1,2-Dibromo-3-Chloropropane

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

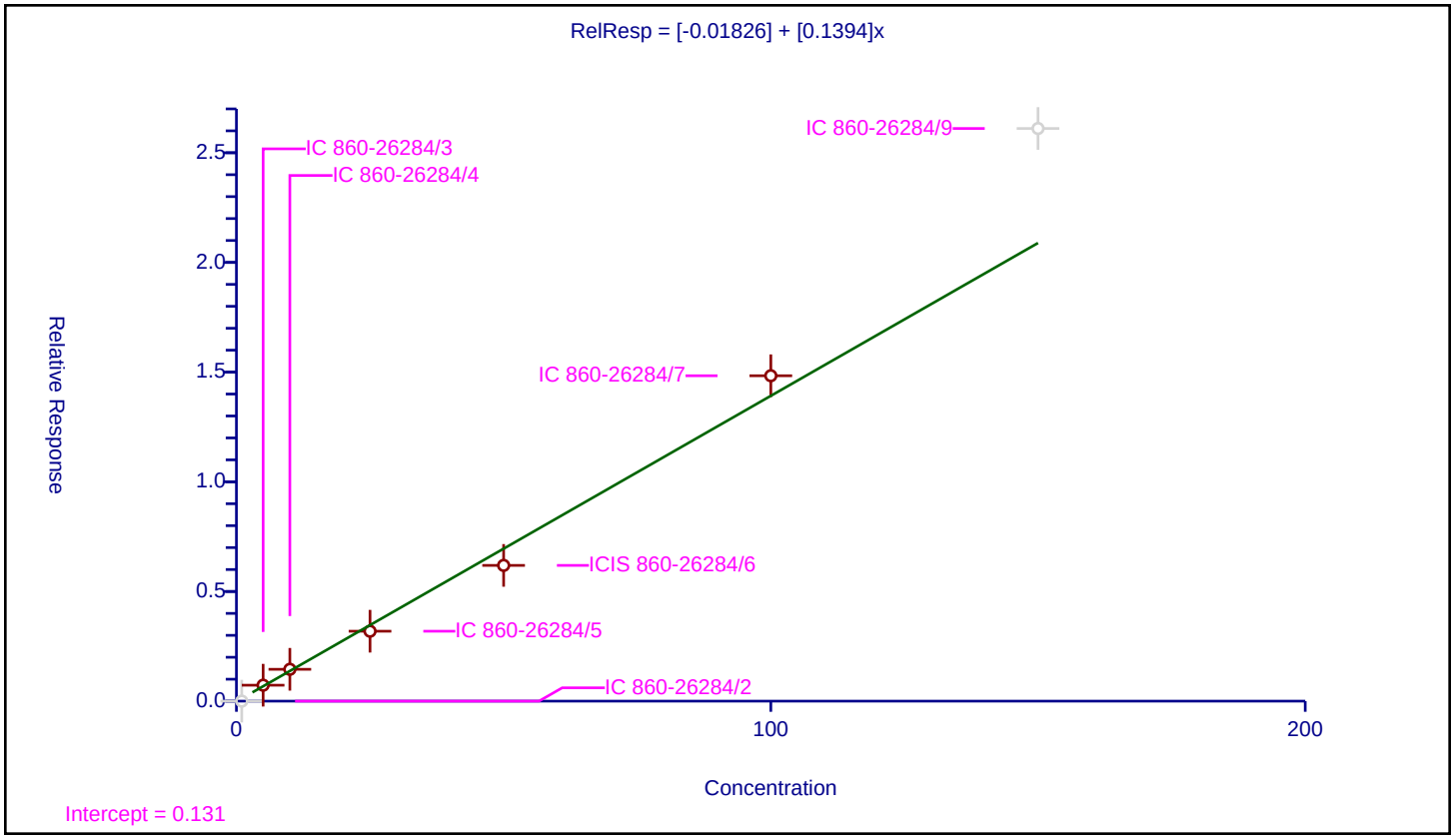
Curve Coefficients

Intercept:	-0.01826
Slope:	0.1394

Error Coefficients

Standard Error:	17300
Relative Standard Error:	10.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	0.0	50.0	84001.0	0.0	N
2	IC 860-26284/3	5.0	0.726739	50.0	83111.0	0.145348	Y
3	IC 860-26284/4	10.0	1.45113	50.0	94926.0	0.145113	Y
4	IC 860-26284/5	25.0	3.187677	50.0	99069.0	0.127507	Y
5	ICIS 860-26284/6	50.0	6.188254	50.0	102840.0	0.123765	Y
6	IC 860-26284/7	100.0	14.834655	50.0	88391.0	0.148347	Y
7	IC 860-26284/9	150.0	26.105786	50.0	84510.0	0.174039	N



Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

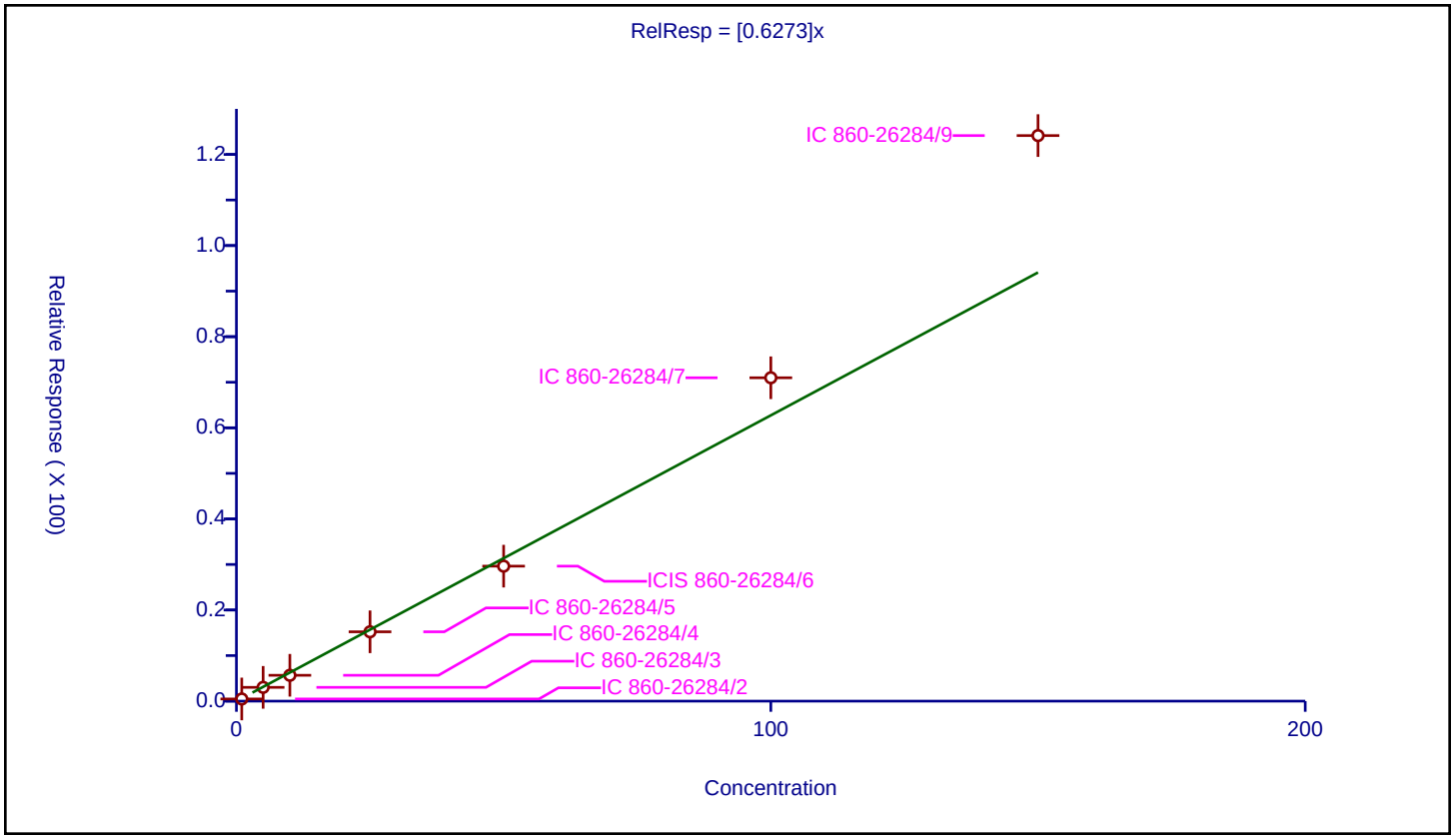
Curve Coefficients

Intercept:	0
Slope:	0.6273

Error Coefficients

Standard Error:	104000
Relative Standard Error:	17.8
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.968

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	0.479161	50.0	84001.0	0.479161	Y
2	IC 860-26284/3	5.0	3.027878	50.0	83111.0	0.605576	Y
3	IC 860-26284/4	10.0	5.675474	50.0	94926.0	0.567547	Y
4	IC 860-26284/5	25.0	15.2202	50.0	99069.0	0.608808	Y
5	ICIS 860-26284/6	50.0	29.630008	50.0	102840.0	0.5926	Y
6	IC 860-26284/7	100.0	70.980077	50.0	88391.0	0.709801	Y
7	IC 860-26284/9	150.0	124.143888	50.0	84510.0	0.827626	Y



Calibration / Hexachlorobutadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

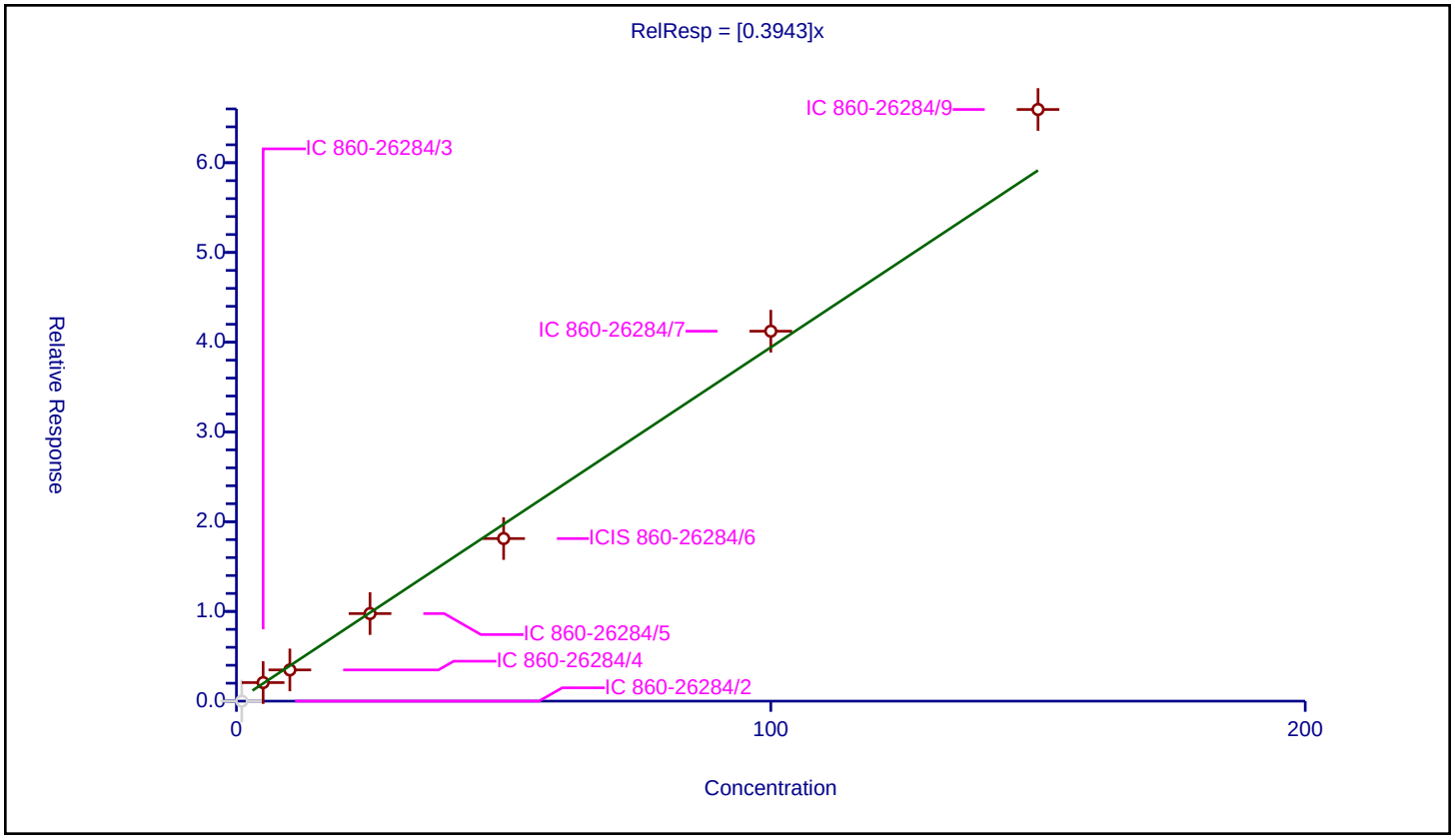
Curve Coefficients

Intercept:	0
Slope:	0.3943

Error Coefficients

Standard Error:	62500
Relative Standard Error:	8.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	0.0	50.0	84001.0	0.0	N
2	IC 860-26284/3	5.0	2.067115	50.0	83111.0	0.413423	Y
3	IC 860-26284/4	10.0	3.480079	50.0	94926.0	0.348008	Y
4	IC 860-26284/5	25.0	9.758855	50.0	99069.0	0.390354	Y
5	ICIS 860-26284/6	50.0	18.118436	50.0	102840.0	0.362369	Y
6	IC 860-26284/7	100.0	41.228179	50.0	88391.0	0.412282	Y
7	IC 860-26284/9	150.0	65.935984	50.0	84510.0	0.439573	Y



Calibration / Naphthalene

Curve Type:	Quadratic
Weighting:	None
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

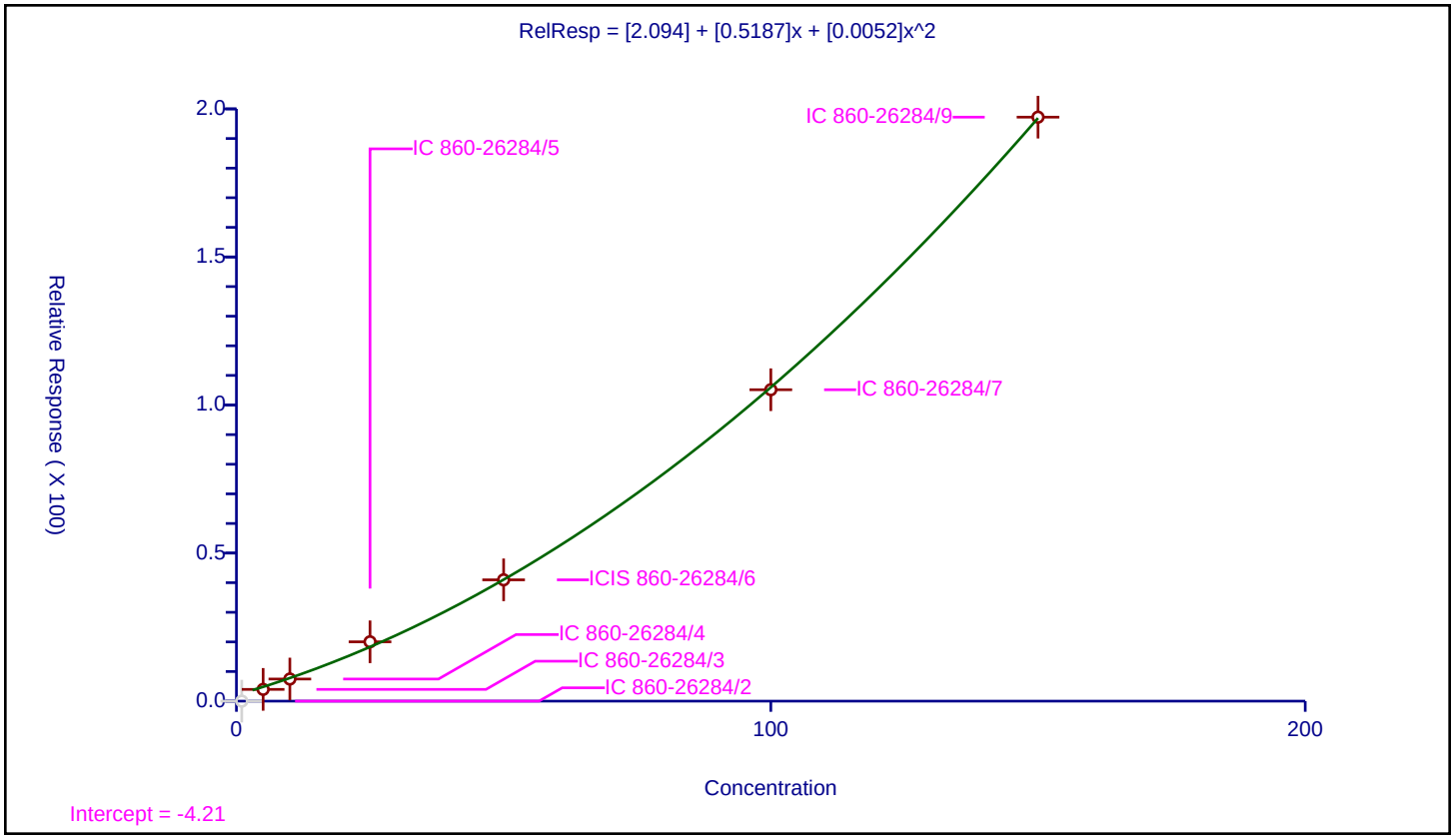
Curve Coefficients

Intercept:	2.094
Slope:	0.5187
Second Order:	0.0052

Error Coefficients

Standard Error:	227000
Relative Standard Error:	18.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	0.0	50.0	84001.0	0.0	N
2	IC 860-26284/3	5.0	3.971195	50.0	83111.0	0.794239	Y
3	IC 860-26284/4	10.0	7.467922	50.0	94926.0	0.746792	Y
4	IC 860-26284/5	25.0	20.038559	50.0	99069.0	0.801542	Y
5	ICIS 860-26284/6	50.0	40.960716	50.0	102840.0	0.819214	Y
6	IC 860-26284/7	100.0	105.166816	50.0	88391.0	1.051668	Y
7	IC 860-26284/9	150.0	197.209798	50.0	84510.0	1.314732	Y



Calibration / 1,2,3-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

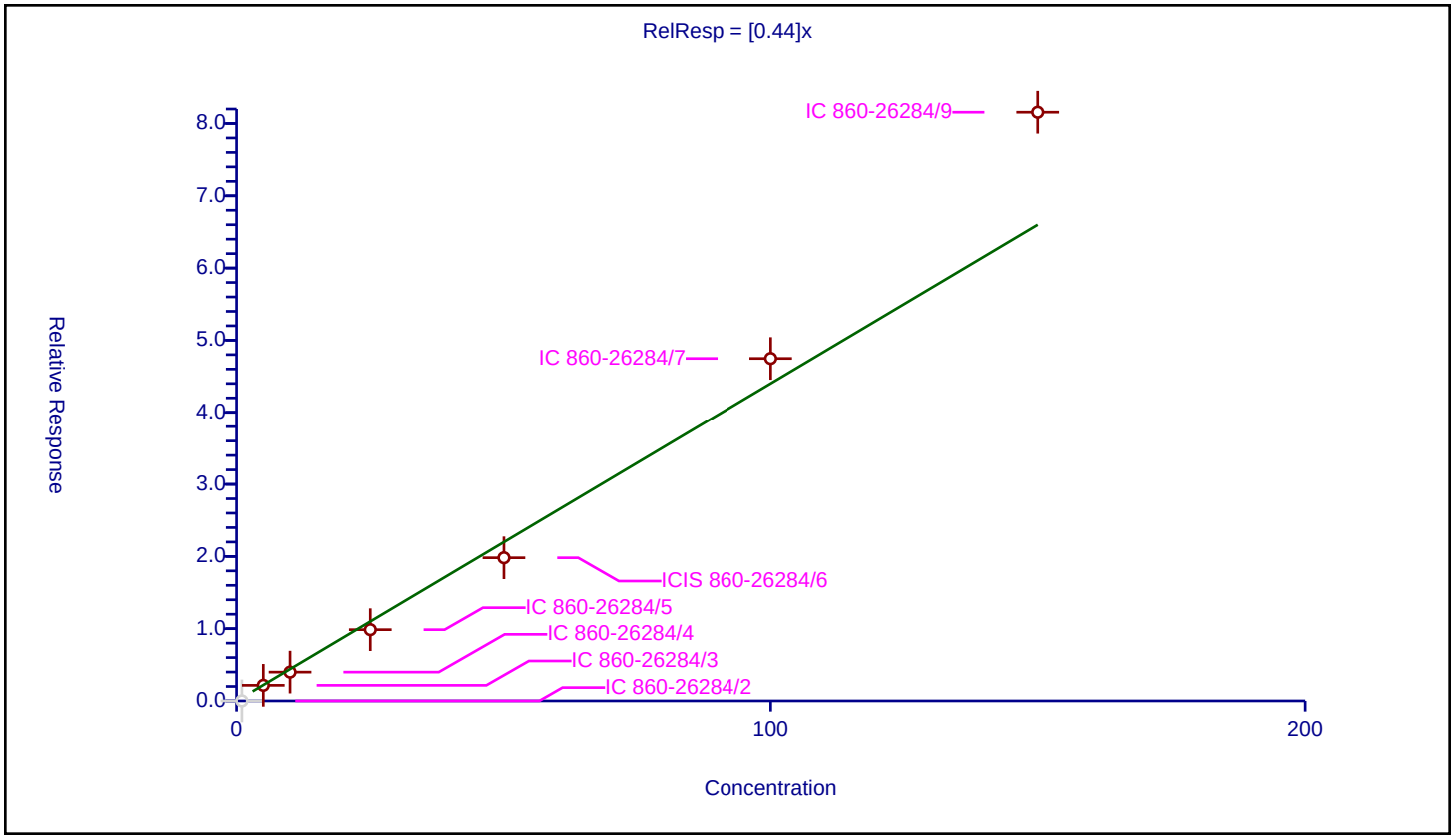
Curve Coefficients

Intercept:	0
Slope:	0.44

Error Coefficients

Standard Error:	75000
Relative Standard Error:	13.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	0.0	50.0	84001.0	0.0	N
2	IC 860-26284/3	5.0	2.157356	50.0	83111.0	0.431471	Y
3	IC 860-26284/4	10.0	3.98995	50.0	94926.0	0.398995	Y
4	IC 860-26284/5	25.0	9.863832	50.0	99069.0	0.394553	Y
5	ICIS 860-26284/6	50.0	19.819623	50.0	102840.0	0.396392	Y
6	IC 860-26284/7	100.0	47.470331	50.0	88391.0	0.474703	Y
7	IC 860-26284/9	150.0	81.557212	50.0	84510.0	0.543715	Y



Calibration / 2-Methylnaphthalene

Curve Type:	Quadratic
Weighting:	None
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

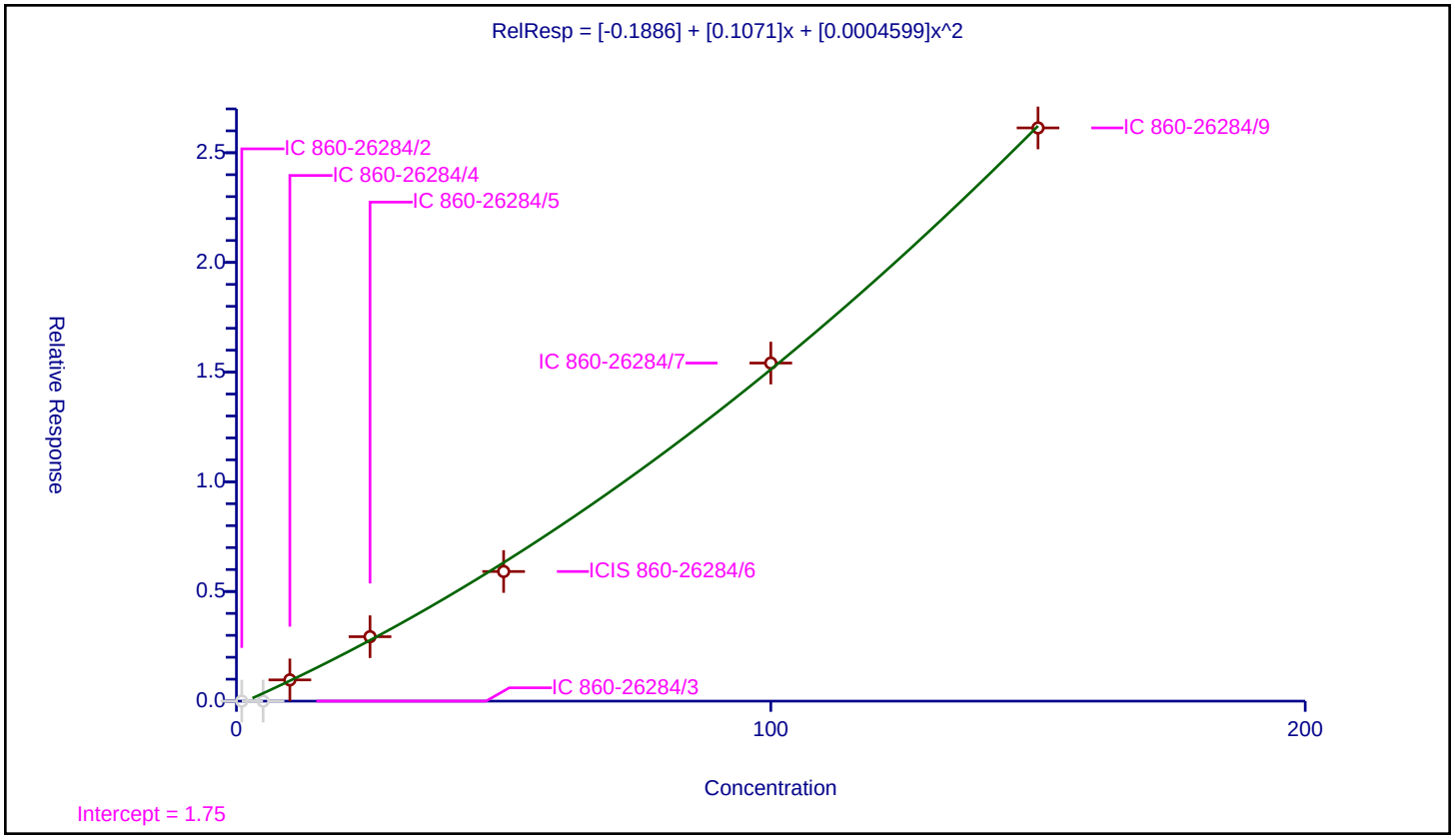
Curve Coefficients

Intercept:	-0.1886
Slope:	0.1071
Second Order:	0.0004599

Error Coefficients

Standard Error:	37900
Relative Standard Error:	5.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	0.0	50.0	84001.0	0.0	N
2	IC 860-26284/3	5.0	0.0	50.0	83111.0	0.0	N
3	IC 860-26284/4	10.0	0.968649	50.0	94926.0	0.096865	Y
4	IC 860-26284/5	25.0	2.938356	50.0	99069.0	0.117534	Y
5	ICIS 860-26284/6	50.0	5.910152	50.0	102840.0	0.118203	Y
6	IC 860-26284/7	100.0	15.412768	50.0	88391.0	0.154128	Y
7	IC 860-26284/9	150.0	26.133002	50.0	84510.0	0.17422	Y



Calibration / 1-Methylnaphthalene

Curve Type:	Quadratic
Weighting:	None
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

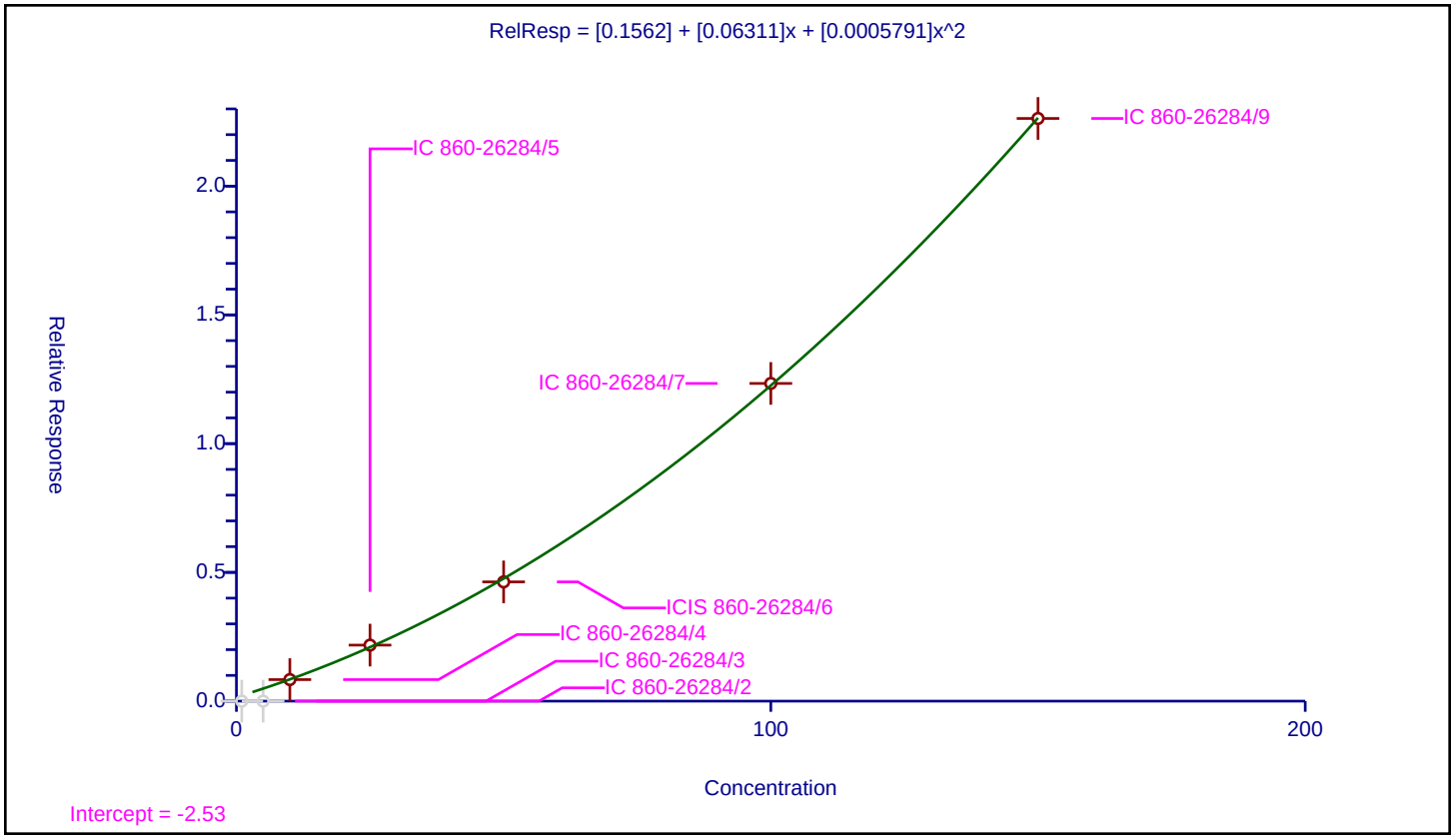
Curve Coefficients

Intercept:	0.1562
Slope:	0.06311
Second Order:	0.0005791

Error Coefficients

Standard Error:	32000
Relative Standard Error:	3.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26284/2	1.0	0.0	50.0	84001.0	0.0	N
2	IC 860-26284/3	5.0	0.0	50.0	83111.0	0.0	N
3	IC 860-26284/4	10.0	0.836441	50.0	94926.0	0.083644	Y
4	IC 860-26284/5	25.0	2.175756	50.0	99069.0	0.08703	Y
5	ICIS 860-26284/6	50.0	4.631466	50.0	102840.0	0.092629	Y
6	IC 860-26284/7	100.0	12.33836	50.0	88391.0	0.123384	Y
7	IC 860-26284/9	150.0	22.628683	50.0	84510.0	0.150858	Y



FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1 Analy Batch No.: 26733

SDG No.:

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/15/2021 10:15 Calibration End Date: 10/15/2021 12:18 Calibration ID: 1782

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-26733/2	A10152104.D
Level 2	IC 860-26733/3	A10152105.D
Level 3	IC 860-26733/4	A10152106.D
Level 4	IC 860-26733/5	A10152107.D
Level 5	ICIS 860-26733/6	A10152108.D
Level 6	IC 860-26733/7	A10152109.D
Level 7	IC 860-26733/8	A10152110.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Propene	1.1622 0.2195	0.3634 0.2117	0.2845	0.2628	0.2299	Lin1	0.9256	0.2085				10.3			0.9990		0.9900
Dichlorodifluoromethane	0.2241 0.3317	0.2559 0.3294	0.2016	0.3089	0.3114	Ave		0.2804				18.9		20.0			
Chloromethane	0.2691 0.3952	0.4904 0.3777	0.3159	0.3996	0.3949	Ave		0.3775				18.5		20.0			
Vinyl chloride	0.2857 0.3828	0.3003 0.3633	0.2329	0.3800	0.3703	Ave		0.3308				17.6		20.0			
1,3-Butadiene	0.2666 0.3166	0.2255 0.2974	0.2088	0.3186	0.3122	Ave		0.2780				16.3		20.0			
Bromomethane	+++++ 0.5438	0.3268 0.5363	0.2433	0.4604	0.4839	Lin1	-1.797	0.5452				17.4			0.9960		0.9900
Chloroethane	0.1189 0.2748	0.1937 0.2666	0.1558	0.2519	0.2428	Lin1	-0.254	0.2649				23.6			0.9950		0.9900
Trichlorofluoromethane	0.5129 0.6910	0.5887 0.6994	0.4710	0.7270	0.7016	Ave		0.6274				16.4		20.0			
Diethyl ether	0.2184 0.2617	0.2265 0.2647	0.2380	0.2654	0.2547	Ave		0.2471				7.8		20.0			
Acrolein	0.0504 0.0546	0.0504 0.0533	0.0514	0.0501	0.0532	Ave		0.0519				3.4		20.0			
1,1-Dichloroethene	0.3014 0.3664	0.2652 0.3785	0.2939	0.3750	0.3318	Ave		0.3303				13.5		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.3188 0.3833	0.2509 0.3833	0.3303	0.3707	0.3548	Ave		0.3417				13.8		20.0			
Acetone	0.1407 0.1088	0.1281 0.1031	0.1171	0.1144	0.1042	Ave		0.1166				11.7		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

Received by OCD: 3/25/2022 8:51:12 AM

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1 Analy Batch No.: 26733

SDG No.:

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/15/2021 10:15 Calibration End Date: 10/15/2021 12:18 Calibration ID: 1782

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Iodomethane (Methyl Iodide)	+++++ 0.6503	0.3338 0.6744	0.3748	0.5445	0.5658	Lin1	-2.305	0.6687				11.7			0.9970		0.9900
Carbon disulfide	1.1418 0.9540	0.7520 0.9882	0.8028	1.0390	0.9205	Ave		0.9426				14.2		20.0			
Isopropyl alcohol	0.0262 0.0217	0.0247 0.0204	0.0214	0.0213	0.0189	Ave		0.0221				11.3		20.0			
Acetonitrile	0.0961 0.1029	0.0901 0.1054	0.0978	0.1056	0.0976	Ave		0.0993				5.7		20.0			
Allyl Chloride (3-Chloropropene)	0.9608 1.0293	0.9008 1.0537	0.9777	1.0561	0.9757	Ave		0.9934				5.7		20.0			
Methyl acetate	0.2301 0.2804	0.2615 0.2730	0.2715	0.2786	0.2623	Ave		0.2653				6.5		20.0			
Methylene Chloride	0.3950 0.3883	0.3358 0.4032	0.3469	0.3933	0.3740	Ave		0.3767				6.9		20.0			
tert-Butyl alcohol	0.0211 0.0313	0.0280 0.0336	0.0290	0.0302	0.0279	Ave		0.0287				13.7		20.0			
trans-1,2-Dichloroethene	0.3336 0.3848	0.2710 0.4056	0.2970	0.3868	0.3590	Ave		0.3483				14.4		20.0			
Acrylonitrile	0.1078 0.1253	0.1228 0.1208	0.1175	0.1255	0.1214	Ave		0.1201				5.1		20.0			
MTBE	0.8548 0.9675	0.8097 0.9638	0.8385	0.9632	0.9320	Ave		0.9042				7.5		20.0			
n-Hexane	0.4089 0.4463	0.3415 0.4448	0.3849	0.4522	0.4264	Ave		0.4150				9.7		20.0			
1,1-Dichloroethane	0.5377 0.6318	0.4294 0.6545	0.4958	0.6458	0.5727	Ave		0.5668				14.9		20.0			
Vinyl acetate	0.8831 1.0161	0.9215 0.8501	0.9303	1.0722	0.9931	Ave		0.9523				8.2		20.0			
Chloroprene	0.4342 0.5031	0.3437 0.5126	0.4237	0.5618	0.4918	Ave		0.4673				15.4		20.0			
Isopropyl ether	1.1478 1.2255	0.9997 1.2355	1.1155	1.3085	1.1963	Ave		1.1755				8.5		20.0			
Ethyl tert-butyl ether	0.9381 1.0947	0.8680 1.1051	0.9229	1.1103	1.0422	Ave		1.0116				9.9		20.0			
2,2-Dichloropropane	0.4479 0.5633	0.3665 0.5879	0.4134	0.5574	0.5302	Ave		0.4952				17.3		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

Released to Imaging: 6/14/2022 10:51:35 AM

Received by OCD: 3/25/2022 8:51:12 AM

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1 Analy Batch No.: 26733

SDG No.:

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/15/2021 10:15 Calibration End Date: 10/15/2021 12:18 Calibration ID: 1782

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
cis-1,2-Dichloroethene	0.4760 0.5333	0.3985 0.5456	0.4352	0.5667	0.5105	Ave		0.4951				12.4		20.0			
2-Butanone	0.1562 0.1674	0.1749 0.1603	0.1618	0.1742	0.1607	Ave		0.1651				4.4		20.0			
Ethyl acetate	0.3347 0.4118	0.3779 0.4040	0.4135	0.4329	0.3946	Ave		0.3956				8.0		20.0			
Propane Nitrile (Propionitrile)	0.0428 0.0500	0.0495 0.0480	0.0476	0.0510	0.0479	Ave		0.0481				5.5		20.0			
Bromochloromethane	0.2985 0.3455	0.2681 0.3528	0.3014	0.3634	0.3409	Ave		0.3244				10.8		20.0			
Methacrylonitrile	0.1263 0.1473	0.1479 0.1442	0.1476	0.1569	0.1444	Ave		0.1449				6.4		20.0			
Tetrahydrofuran	0.1669 0.1160	0.1171 0.1092	0.1139	0.1270	0.1088	Ave		0.1227				16.6		20.0			
Chloroform	0.5290 0.7242	0.5255 0.7468	0.5869	0.7701	0.6948	Ave		0.6539				16.0		20.0			
1,1,1-Trichloroethane	0.6128 0.6794	0.4425 0.7096	0.5020	0.6927	0.6478	Ave		0.6124				16.7		20.0			
Cyclohexane	1.6149 0.5343	0.6018 0.5339	0.5604	0.5895	0.5210	Lin1	0.9471	0.5217				16.7			0.9980		0.9900
Carbon tetrachloride	+++++ 0.6056	0.3412 0.6483	0.4213	0.6110	0.5694	Lin1	-1.715	0.6405				6.9			0.9980		0.9900
1,1-Dichloropropene	0.4446 0.5042	0.3423 0.5181	0.3947	0.5342	0.4728	Ave		0.4587				15.2		20.0			
Isobutanol	0.0073 0.0109	0.0094 0.0105	0.0096	0.0101	0.0094	Ave		0.0096				12.2		20.0			
Benzene	0.9194 1.0504	0.7672 1.1034	0.8851	1.1208	1.0155	Ave		0.9803				13.1		20.0			
1,2-Dichloroethane	0.2812 0.3365	0.2880 0.3418	0.3198	0.3588	0.3336	Ave		0.3228				8.9		20.0			
2,2,4-Trimethylpentane	1.0567 1.0971	0.9445 1.0794	1.0583	1.1505	1.0910	Ave		1.0682				5.9		20.0			
Tert-amyl methyl ether	0.6449 0.7739	0.6474 0.7841	0.6859	0.8043	0.7473	Ave		0.7268				9.2		20.0			
n-Butanol	0.0081 0.0117	0.0109 0.0111	0.0099	0.0101	0.0108	Ave		0.0103				11.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

Released to Imaging: 6/14/2022 10:51:35 AM

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1 Analy Batch No.: 26733

SDG No.:

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/15/2021 10:15 Calibration End Date: 10/15/2021 12:18 Calibration ID: 1782

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Trichloroethene	0.3283 0.3753	0.2549 0.4035	0.2927	0.3711	0.3516	Ave		0.3396				15.2		20.0			
Methylcyclohexane	0.4220 0.4614	0.3435 0.4660	0.4129	0.4635	0.4422	Ave		0.4302				10.1		20.0			
1,2-Dichloropropane	0.2478 0.2738	0.2181 0.2827	0.2339	0.2831	0.2685	Ave		0.2583				9.8		20.0			
Dibromomethane	0.1920 0.2124	0.1790 0.2199	0.1832	0.2151	0.2020	Ave		0.2005				8.1		20.0			
Methyl methacrylate	0.1498 0.1977	0.1806 0.1960	0.1822	0.2002	0.1905	Ave		0.1853				9.4		20.0			
1,4-Dioxane (P-Dioxane)	0.0022 0.0031	0.0025 0.0029	0.0027	0.0028	0.0026	Ave		0.0027				10.9		20.0			
Bromodichloromethane	0.2953 0.4120	0.2899 0.4302	0.3216	0.4097	0.3925	Ave		0.3645				16.5		20.0			
2-Nitropropane						None											
2-Chloroethyl vinyl ether	+++++ 0.0837	0.0474 0.0912	0.0404	0.0751	0.0648	Qua	-0.137	0.0649	0.0001836			16.5			0.9980		0.9900
cis-1,3-Dichloropropene	0.3486 0.4640	0.3442 0.4838	0.3684	0.4573	0.4439	Ave		0.4157				14.3		20.0			
4-Methyl-2-pentanone	0.2717 0.2899	0.2837 0.2841	0.2843	0.3039	0.2783	Ave		0.2851				3.5		20.0			
Toluene	0.7346 0.7586	0.5513 0.7924	0.6436	0.7908	0.7537	Ave		0.7178				12.4		20.0			
trans-1,3-Dichloropropene	0.3166 0.4424	0.3338 0.4560	0.3527	0.4259	0.4355	Ave		0.3947				14.7		20.0			
Ethyl methacrylate	0.3465 0.3739	0.3047 0.3765	0.3311	0.3822	0.3805	Ave		0.3565				8.4		20.0			
1,1,2-Trichloroethane	0.2204 0.2409	0.2006 0.2437	0.2194	0.2404	0.2472	Ave		0.2304				7.5		20.0			
Tetrachloroethene	0.2728 0.3364	0.2427 0.3596	0.2683	0.3317	0.3295	Ave		0.3059				14.3		20.0			
1,3-Dichloropropane	0.3790 0.4433	0.3762 0.4467	0.3974	0.4413	0.4505	Ave		0.4192				8.0		20.0			
2-Hexanone	0.2072 0.2064	0.2076 0.2017	0.2033	0.2114	0.2066	Ave		0.2063				1.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1 Analy Batch No.: 26733

SDG No.:

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/15/2021 10:15 Calibration End Date: 10/15/2021 12:18 Calibration ID: 1782

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dibromochloromethane	0.2934 0.4274	0.2737 0.4466	0.3231	0.3969	0.4213	Ave		0.3689				19.1		20.0			
1,2-Dibromoethane	0.2734 0.3461	0.2819 0.3530	0.2901	0.3316	0.3439	Ave		0.3171				10.7		20.0			
1-Chlorohexane	0.5235 0.4659	0.3475 0.4802	0.4146	0.4640	0.4622	Ave		0.4511				12.4		20.0			
Chlorobenzene	0.9353 0.9675	0.7383 1.0097	0.8205	0.9683	0.9567	Ave		0.9138				10.7		20.0			
1,1,1,2-Tetrachloroethane	0.2735 0.3991	0.2541 0.4245	0.3040	0.3942	0.3895	Ave		0.3484				19.8		20.0			
Ethylbenzene	1.4971 1.4789	1.1086 1.5225	1.2534	1.5251	1.4931	Ave		1.4112				11.6		20.0			
m,p-Xylenes	1.1121 1.1428	0.8315 1.1774	0.9394	1.1774	1.1400	Ave		1.0744				12.5		20.0			
o-Xylene	1.0016 1.1977	0.8672 1.2372	0.9844	1.1967	1.1933	Ave		1.0969				13.1		20.0			
Styrene	0.9688 1.0556	0.7476 1.0965	0.8364	1.0453	1.0507	Ave		0.9716				13.5		20.0			
Bromoform	+++++ 0.2897	0.1826 0.3062	0.2055	0.2484	0.2723	Ave		0.2508				19.3		20.0			
Isopropylbenzene	1.4364 1.6029	1.1558 1.6434	1.2882	1.6036	1.5936	Ave		1.4748				12.8		20.0			
Cyclohexanone	0.0097 0.0091	0.0090 0.0086	0.0091	0.0088	0.0085	Ave		0.0090				4.6		20.0			
Bromobenzene	0.8051 0.8114	0.6282 0.8827	0.6998	0.7797	0.8622	Ave		0.7813				11.5		20.0			
1,1,2,2-Tetrachloroethane	0.6071 0.6462	0.5884 0.6628	0.6154	0.6488	0.6934	Ave		0.6374				5.7		20.0			
1,2,3-Trichloropropane	0.5734 0.6314	0.5438 0.6481	0.5436	0.6214	0.6690	Ave		0.6044				8.4		20.0			
trans-1,4-Dichloro-2-butene	0.1147 0.1471	0.1171 0.1533	0.1198	0.1304	0.1547	Ave		0.1339				13.1		20.0			
N-Propylbenzene	2.9460 2.9468	2.3146 3.0555	2.6813	2.9686	3.2319	Ave		2.8778				10.3		20.0			
2-Chlorotoluene	1.9831 1.9409	1.5221 2.0482	1.7586	1.9639	2.1188	Ave		1.9051				10.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1 Analy Batch No.: 26733

SDG No.:

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/15/2021 10:15 Calibration End Date: 10/15/2021 12:18 Calibration ID: 1782

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
4-Ethyltoluene	2.4914 2.5451	1.9848 2.6822	2.2787	2.5337	2.7259	Ave		2.4631				10.4		20.0			
1,3,5-Trimethylbenzene	2.0856 2.2015	1.6443 2.3438	1.9711	2.1516	2.3404	Ave		2.1055				11.5		20.0			
4-Chlorotoluene	2.0844 1.9722	1.5633 2.0800	1.8093	1.9778	2.1442	Ave		1.9473				10.3		20.0			
tert-Butylbenzene	1.7385 2.0271	1.5173 2.1674	1.8037	1.9067	2.1359	Ave		1.8995				12.3		20.0			
1,2,4-Trimethylbenzene	2.1001 2.2662	1.7009 2.3758	1.9978	2.1935	2.4290	Ave		2.1519				11.6		20.0			
sec-Butylbenzene	2.8323 2.8546	2.1690 3.0153	2.5637	2.7143	3.0616	Ave		2.7444				11.1		20.0			
1,3-Dichlorobenzene	1.4739 1.5102	1.1503 1.6197	1.2919	1.4420	1.5939	Ave		1.4403				11.6		20.0			
p-Cymene (p-Isopropyltoluene)	2.4110 2.6099	1.9054 2.7709	2.3240	2.4816	2.7502	Ave		2.4647				12.1		20.0			
1,4-Dichlorobenzene	1.6074 1.5329	1.2100 1.6843	1.3693	1.4432	1.5884	Ave		1.4908				10.9		20.0			
Dicyclopentadiene	2.3722 2.3910	2.0538 2.4664	2.4719	2.5265	2.6526	Ave		2.4192				7.7		20.0			
n-Butylbenzene	2.3511 2.2086	1.6970 2.3271	1.9839	2.1145	2.3397	Ave		2.1460				11.2		20.0			
1,2-Dichlorobenzene	1.3908 1.4912	1.1269 1.6234	1.2774	1.3805	1.5481	Ave		1.4055				12.0		20.0			
1,2-Dibromo-3-Chloropropane	0.0717 0.1673	0.1158 0.1699	0.1276	0.1400	0.1617	Lin1	-0.154	0.1666				18.8			0.9970		0.9900
1,2,4-Trichlorobenzene	0.9865 0.9549	0.6712 0.9956	0.7697	0.8201	0.9455	Ave		0.8776				14.3		20.0			
Hexachlorobutadiene	0.5044 0.4276	0.3354 0.4436	0.3792	0.3804	0.4154	Ave		0.4123				13.2		20.0			
Naphthalene	1.6745 1.9845	1.3970 1.9966	1.6030	1.6734	1.8916	Ave		1.7458				12.7		20.0			
1,2,3-Trichlorobenzene	0.7727 0.7623	0.5151 0.7820	0.6246	0.6485	0.7130	Ave		0.6883				14.2		20.0			
2-Methylnaphthalene	0.5895 0.5578	0.2215 +++++	0.3218	0.3267	0.3813	Qua	0.4270	0.2069	0.0034600			26.5			1.0000		0.9900

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FORM VI
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CURVE EVALUATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1 Analy Batch No.: 26733

SDG No.:

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/15/2021 10:15 Calibration End Date: 10/15/2021 12:18 Calibration ID: 1782

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dibromofluoromethane (Surr)	0.4735 0.4884	0.4853 0.4842	0.4690	0.4801	0.4934	Ave		0.4820				1.8		20.0			
1,2-Dichloroethane-d4 (Surr)	0.3122 0.2869	0.3096 0.2858	0.3073	0.3017	0.2933	Ave		0.2995				3.6		20.0			
Toluene-d8 (Surr)	1.2557 1.1972	1.2228 1.1728	1.2220	1.2023	1.2578	Ave		1.2187				2.5		20.0			
4-Bromofluorobenzene (Surr)	0.7389 0.7286	0.7633 0.7368	0.7635	0.7463	0.7971	Ave		0.7535				3.1		20.0			

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1 Analy Batch No.: 26733

SDG No.:

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/15/2021 10:15 Calibration End Date: 10/15/2021 12:18 Calibration ID: 1782

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-26733/2	A10152104.D
Level 2	IC 860-26733/3	A10152105.D
Level 3	IC 860-26733/4	A10152106.D
Level 4	IC 860-26733/5	A10152107.D
Level 5	ICIS 860-26733/6	A10152108.D
Level 6	IC 860-26733/7	A10152109.D
Level 7	IC 860-26733/8	A10152110.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Propene	PFB	Lin1	32383 723313	49481 1151230	81931	202463	366603	1.00 100	5.00 150	10.0	25.0	50.0
Dichlorodifluoromethane	PFB	Ave	6243 1093201	34847 1791287	58052	237925	496499	1.00 100	5.00 150	10.0	25.0	50.0
Chloromethane	PFB	Ave	7498 1302309	66775 2054330	90982	307784	629583	1.00 100	5.00 150	10.0	25.0	50.0
Vinyl chloride	PFB	Ave	7959 1261460	40890 1975782	67084	292706	590401	1.00 100	5.00 150	10.0	25.0	50.0
1,3-Butadiene	PFB	Ave	7428 1043442	30698 1617698	60149	245454	497798	1.00 100	5.00 150	10.0	25.0	50.0
Bromomethane	PFB	Lin1	+++++ 1791987	44490 2916766	70079	354651	771451	+++++ 100	5.00 150	10.0	25.0	50.0
Chloroethane	PFB	Lin1	3314 905515	26376 1449937	44860	194028	387035	1.00 100	5.00 150	10.0	25.0	50.0
Trichlorofluoromethane	PFB	Ave	14291 2276942	80154 3804008	135645	559981	1118540	1.00 100	5.00 150	10.0	25.0	50.0
Diethyl ether	PFB	Ave	6086 862379	30842 1439447	68546	204427	406118	1.00 100	5.00 150	10.0	25.0	50.0
Acrolein	PFB	Ave	7025 898997	34287 1449142	74049	193133	424157	5.00 500	25.0 750	50.0	125	250
1,1-Dichloroethene	PFB	Ave	8399 1207287	36113 2058643	84649	288851	529055	1.00 100	5.00 150	10.0	25.0	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	PFB	Ave	8882 1263200	34160 2084811	95129	285583	565677	1.00 100	5.00 150	10.0	25.0	50.0
Acetone	PFB	Ave	19600 1792965	87184 2804636	168688	440778	830439	5.00 500	25.0 750	50.0	125	250

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RESPONSE AND CONCENTRATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1 Analy Batch No.: 26733

SDG No.:

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/15/2021 10:15 Calibration End Date: 10/15/2021 12:18 Calibration ID: 1782

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Iodomethane (Methyl Iodide)	PFB	Lin1	+++++ 2143085	45443 3667734	107945	419427	902166	+++++ 100	5.00 150	10.0	25.0	50.0
Carbon disulfide	PFB	Ave	31813 3143881	102395 5374280	231212	800341	1467608	1.00 100	5.00 150	10.0	25.0	50.0
Isopropyl alcohol	PFB	Ave	7287 715332	33677 1111217	61686	163980	301867	10.0 1000	50.0 1500	100	250	500
Acetonitrile	PFB	Ave	26770 3391895	122646 5730528	281601	813535	1555581	10.0 1000	50.0 1500	100	250	500
Allyl Chloride (3-Chloropropene)	PFB	Ave	26770 3391895	122646 5730528	281601	813535	1555581	1.00 100	5.00 150	10.0	25.0	50.0
Methyl acetate	PFB	Ave	12822 1847719	71207 2969344	156367	429280	836498	2.00 200	10.0 300	20.0	50.0	100
Methylene Chloride	PFB	Ave	11006 1279725	45720 2192960	99918	302953	596311	1.00 100	5.00 150	10.0	25.0	50.0
tert-Butyl alcohol	PFB	Ave	5872 1029791	38059 1829348	83403	232779	444147	10.0 1000	50.0 1500	100	250	500
trans-1,2-Dichloroethene	PFB	Ave	9296 1268146	36899 2205765	85550	297940	572329	1.00 100	5.00 150	10.0	25.0	50.0
Acrylonitrile	PFB	Ave	30036 4128463	167143 6568376	338381	966337	1934838	10.0 1000	50.0 1500	100	250	500
MTBE	PFB	Ave	23817 3188316	110243 5241870	241506	741922	1485964	1.00 100	5.00 150	10.0	25.0	50.0
n-Hexane	PFB	Ave	11392 1470767	46503 2418873	110869	348354	679890	1.00 100	5.00 150	10.0	25.0	50.0
1,1-Dichloroethane	PFB	Ave	14981 2081873	58461 3559495	142810	497452	913027	1.00 100	5.00 150	10.0	25.0	50.0
Vinyl acetate	PFB	Ave	123025 16742634	627338 23116635	1339649	4129539	7916756	5.00 500	25.0 750	50.0	125	250
Chloroprene	PFB	Ave	12097 1657724	46796 2787762	122028	432765	784037	1.00 100	5.00 150	10.0	25.0	50.0
Isopropyl ether	PFB	Ave	31982 4038283	136115 6719695	321287	1007893	1907340	1.00 100	5.00 150	10.0	25.0	50.0
Ethyl tert-butyl ether	PFB	Ave	26138 3607546	118183 6010030	265805	855283	1661720	1.00 100	5.00 150	10.0	25.0	50.0
2,2-Dichloropropane	PFB	Ave	12481 1856258	49904 3197287	119058	429357	845380	1.00 100	5.00 150	10.0	25.0	50.0

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RESPONSE AND CONCENTRATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1 Analy Batch No.: 26733

SDG No.:

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/15/2021 10:15 Calibration End Date: 10/15/2021 12:18 Calibration ID: 1782

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
cis-1,2-Dichloroethene	PFB	Ave	13263 1757518	54251 2967257	125339	436545	813892	1.00 100	5.00 150	10.0	25.0	50.0
2-Butanone	PFB	Ave	21759 2758251	119080 4360267	233036	671064	1280854	5.00 500	25.0 750	50.0	125	250
Ethyl acetate	PFB	Ave	18651 2713881	102905 4394668	238168	666860	1258256	2.00 200	10.0 300	20.0	50.0	100
Propane Nitrile (Propionitrile)	PFB	Ave	11927 1649031	67343 2612939	136976	392676	764088	10.0 1000	50.0 1500	100	250	500
Bromochloromethane	PFB	Ave	8317 1138509	36497 1918988	86795	279890	543499	1.00 100	5.00 150	10.0	25.0	50.0
Methacrylonitrile	PFB	Ave	35179 4853005	201439 7842035	425098	1208858	2302654	10.0 1000	50.0 1500	100	250	500
Tetrahydrofuran	PFB	Ave	9301 764313	31899 1187835	65610	195642	346789	2.00 200	10.0 300	20.0	50.0	100
Chloroform	PFB	Ave	14740 2386607	71552 4061367	169048	593205	1107774	1.00 100	5.00 150	10.0	25.0	50.0
1,1,1-Trichloroethane	PFB	Ave	17073 2239001	60246 3859392	144592	533606	1032886	1.00 100	5.00 150	10.0	25.0	50.0
Cyclohexane	PFB	Lin1	44996 1760639	81938 2903841	161413	454069	830597	1.00 100	5.00 150	10.0	25.0	50.0
Carbon tetrachloride	PFB	Lin1	+++++ 1995578	46460 3525904	121344	470678	907815	+++++ 100	5.00 150	10.0	25.0	50.0
1,1-Dichloropropene	PFB	Ave	12389 1661650	46604 2817974	113685	411463	753826	1.00 100	5.00 150	10.0	25.0	50.0
Isobutanol	DFBZ	Ave	6771 1245314	43410 1935585	91364	266012	514343	24.8 2480	124 3720	248	620	1240
Benzene	DFBZ	Ave	34472 4824121	142887 8223232	339956	1189510	2244472	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dichloroethane	DFBZ	Ave	10544 1545364	53643 2547601	122843	380811	737317	1.00 100	5.00 150	10.0	25.0	50.0
2,2,4-Trimethylpentane	PFB	Ave	29443 3615298	128601 5870506	304804	886241	1739456	1.00 100	5.00 150	10.0	25.0	50.0
Tert-amyl methyl ether	DFBZ	Ave	24180 3554120	120570 5843340	263443	853573	1651632	1.00 100	5.00 150	10.0	25.0	50.0
n-Butanol	DCBd 4	Ave	3940	27269	51606	159898	301384	24.8	124	248	620	1240

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RESPONSE AND CONCENTRATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1 Analy Batch No.: 26733

SDG No.:

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/15/2021 10:15 Calibration End Date: 10/15/2021 12:18 Calibration ID: 1782

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			783215	1169658				2480	3720			
Trichloroethene	DFBZ	Ave	12310 1723886	47481 3007040	112408	393835	777115	1.00 100	5.00 150	10.0	25.0	50.0
Methylcyclohexane	DFBZ	Ave	15823 2119170	63986 3472594	158579	491944	977331	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dichloropropane	DFBZ	Ave	9290 1257391	40629 2106790	89845	300409	593452	1.00 100	5.00 150	10.0	25.0	50.0
Dibromomethane	DFBZ	Ave	7200 975450	33331 1638933	70366	228273	446359	1.00 100	5.00 150	10.0	25.0	50.0
Methyl methacrylate	DFBZ	Ave	11231 1816417	67269 2920871	139967	424956	841949	2.00 200	10.0 300	20.0	50.0	100
1,4-Dioxane (P-Dioxane)	DFBZ	Ave	1648 284350	9314 434454	20727	59926	115110	20.0 2000	100 3000	200	500	1000
Bromodichloromethane	DFBZ	Ave	11071 1892133	53986 3206315	123512	434850	867518	1.00 100	5.00 150	10.0	25.0	50.0
2-Nitropropane		None	3899 706169	22862 1148161	46627	149061	311938	2.00 200	10.0 300	20.0	50.0	100
2-Chloroethyl vinyl ether	DFBZ	Qua	+++++ 384425	8827 679384	15510	79739	143134	+++++ 100	5.00 150	10.0	25.0	50.0
cis-1,3-Dichloropropene	DFBZ	Ave	13072 2130847	64113 3605147	141474	485343	981180	1.00 100	5.00 150	10.0	25.0	50.0
4-Methyl-2-pentanone	DFBZ	Ave	50933 6657317	264184 10585583	546029	1612424	3075880	5.00 500	25.0 750	50.0	125	250
Toluene	CBNZ d5	Ave	25237 3371640	97399 5712554	239835	823000	1526859	1.00 100	5.00 150	10.0	25.0	50.0
trans-1,3-Dichloropropene	CBNZ d5	Ave	10876 1966358	58981 3287202	131454	443199	882263	1.00 100	5.00 150	10.0	25.0	50.0
Ethyl methacrylate	CBNZ d5	Ave	11902 1661914	53830 2714052	123385	397730	770960	1.00 100	5.00 150	10.0	25.0	50.0
1,1,2-Trichloroethane	CBNZ d5	Ave	7571 1070695	35440 1756955	81758	250222	500754	1.00 100	5.00 150	10.0	25.0	50.0

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1 Analy Batch No.: 26733

SDG No.:

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/15/2021 10:15 Calibration End Date: 10/15/2021 12:18 Calibration ID: 1782

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Tetrachloroethene	CBNZ d5	Ave	9370 1495318	42887 2592654	99988	345226	667603	1.00 100	5.00 150	10.0	25.0	50.0
1,3-Dichloropropane	CBNZ d5	Ave	13021 1970465	66471 3220608	148088	459237	912732	1.00 100	5.00 150	10.0	25.0	50.0
2-Hexanone	CBNZ d5	Ave	35591 4587080	183424 7270015	378795	1099879	2093218	5.00 500	25.0 750	50.0	125	250
Dibromochloromethane	CBNZ d5	Ave	10079 1899723	48349 3219705	120403	413054	853597	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dibromoethane	CBNZ d5	Ave	9391 1538328	49809 2545042	108093	345059	696676	1.00 100	5.00 150	10.0	25.0	50.0
1-Chlorohexane	CBNZ d5	Ave	17984 2070988	61395 3462282	154510	482878	936369	1.00 100	5.00 150	10.0	25.0	50.0
Chlorobenzene	CBNZ d5	Ave	32131 4300159	130444 7279200	305772	1007763	1938209	1.00 100	5.00 150	10.0	25.0	50.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	9396 1774064	44892 3060371	113288	410258	789040	1.00 100	5.00 150	10.0	25.0	50.0
Ethylbenzene	CBNZ d5	Ave	51430 6573487	195867 10976449	467093	1587217	3024935	1.00 100	5.00 150	10.0	25.0	50.0
m,p-Xylenes	CBNZ d5	Ave	38204 5079621	146903 8488303	350076	1225297	2309591	1.00 100	5.00 150	10.0	25.0	50.0
o-Xylene	CBNZ d5	Ave	34409 5323593	153222 8919482	366871	1245423	2417536	1.00 100	5.00 150	10.0	25.0	50.0
Styrene	CBNZ d5	Ave	33282 4691894	132081 7905168	311698	1087885	2128584	1.00 100	5.00 150	10.0	25.0	50.0

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FORM VI
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RESPONSE AND CONCENTRATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1 Analy Batch No.: 26733

SDG No.:

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/15/2021 10:15 Calibration End Date: 10/15/2021 12:18 Calibration ID: 1782

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Bromoform	CBNZ d5	Ave	+++++ 1287578	32254 2207710	76582	258556	551653	+++++ 100	5.00 150	10.0	25.0	50.0
Isopropylbenzene	CBNZ d5	Ave	49347 7124352	204197 11848312	480055	1668889	3228559	1.00 100	5.00 150	10.0	25.0	50.0
Cyclohexanone	CBNZ d5	Ave	16729 2030443	79888 3113038	169647	457120	858996	50.0 5000	250 7500	500	1250	2500
Bromobenzene	DCBd 4	Ave	15865 2193899	63523 3755794	147695	500209	974566	1.00 100	5.00 150	10.0	25.0	50.0
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	11964 1747217	59498 2820063	129887	416209	783726	1.00 100	5.00 150	10.0	25.0	50.0
1,2,3-Trichloropropane	DCBd 4	Ave	11300 1707150	54987 2757464	114721	398618	756208	1.00 100	5.00 150	10.0	25.0	50.0
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	2260 397813	11844 652353	25285	83659	174880	1.00 100	5.00 150	10.0	25.0	50.0
N-Propylbenzene	DCBd 4	Ave	58052 7967568	234051 13000796	565907	1904438	3652950	1.00 100	5.00 150	10.0	25.0	50.0
2-Chlorotoluene	DCBd 4	Ave	39077 5247835	153913 8715112	371155	1259897	2394829	1.00 100	5.00 150	10.0	25.0	50.0
4-Ethyltoluene	DCBd 4	Ave	49095 6881480	200709 11412541	480922	1625449	3081090	1.00 100	5.00 150	10.0	25.0	50.0
1,3,5-Trimethylbenzene	DCBd 4	Ave	41097 5952558	166276 9972883	416021	1380315	2645371	1.00 100	5.00 150	10.0	25.0	50.0
4-Chlorotoluene	DCBd 4	Ave	41075 5332508	158087 8850285	381861	1268793	2423516	1.00 100	5.00 150	10.0	25.0	50.0

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1 Analy Batch No.: 26733

SDG No.:

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/15/2021 10:15 Calibration End Date: 10/15/2021 12:18 Calibration ID: 1782

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
tert-Butylbenzene	DCBd 4	Ave	34257 5480768	153432 9222218	380687	1223227	2414182	1.00 100	5.00 150	10.0	25.0	50.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	41383 6127427	171997 10108750	421647	1407173	2745505	1.00 100	5.00 150	10.0	25.0	50.0
sec-Butylbenzene	DCBd 4	Ave	55812 7718416	219331 12829834	541081	1741330	3460440	1.00 100	5.00 150	10.0	25.0	50.0
1,3-Dichlorobenzene	DCBd 4	Ave	29043 4083239	116316 6891593	272673	925054	1801600	1.00 100	5.00 150	10.0	25.0	50.0
p-Cymene (p-Isopropyltoluene)	DCBd 4	Ave	47510 7056745	192672 11789983	490498	1592016	3108563	1.00 100	5.00 150	10.0	25.0	50.0
1,4-Dichlorobenzene	DCBd 4	Ave	31674 4144740	122354 7166629	288992	925844	1795319	1.00 100	5.00 150	10.0	25.0	50.0
Dicyclopentadiene	DCBd 4	Ave	46746 6464819	207679 10494470	521706	1620802	2998197	1.00 100	5.00 150	10.0	25.0	50.0
n-Butylbenzene	DCBd 4	Ave	46330 5971677	171599 9901743	418721	1356534	2644499	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dichlorobenzene	DCBd 4	Ave	27407 4031956	113952 6907587	269607	885603	1749811	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Lin1	1412 452405	11706 722988	26927	89821	182742	1.00 100	5.00 150	10.0	25.0	50.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	19439 2581743	67877 4236087	162449	526096	1068733	1.00 100	5.00 150	10.0	25.0	50.0
Hexachlorobutadiene	DCBd 4	Ave	9940 1156058	33913 1887595	80035	244061	469493	1.00 100	5.00 150	10.0	25.0	50.0

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1 Analy Batch No.: 26733

SDG No.:

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/15/2021 10:15 Calibration End Date: 10/15/2021 12:18 Calibration ID: 1782

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Naphthalene	DCBd 4	Ave	32997 5365797	141271 8495352	338321	1073518	2138028	1.00 100	5.00 150	10.0	25.0	50.0
1,2,3-Trichlorobenzene	DCBd 4	Ave	15226 2061066	52092 3327279	131833	416039	805865	1.00 100	5.00 150	10.0	25.0	50.0
2-Methylnaphthalene	DCBd 4	Qua	11617 1508059	22398 +++++	67913	209573	431021	1.00 100	5.00 +++++	10.0	25.0	50.0
Dibromofluoromethane (Surr)	PFB	Ave	659689 804734	660783 877844	675467	739578	786677	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	DFBZ	Ave	585294 658943	576541 709943	590114	640407	648279	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	2156879 2660674	2160454 2818372	2277025	2502571	2548284	50.0 50.0	50.0 50.0	50.0	50.0	50.0
4-Bromofluorobenzene (Surr)	DCBd 4	Ave	728011 985043	771877 1045041	805712	957603	900995	50.0 50.0	50.0 50.0	50.0	50.0	50.0

Curve Type Legend

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
None = No Calib Curve
Qua = Quadratic ISTD

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Calibration / Propene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

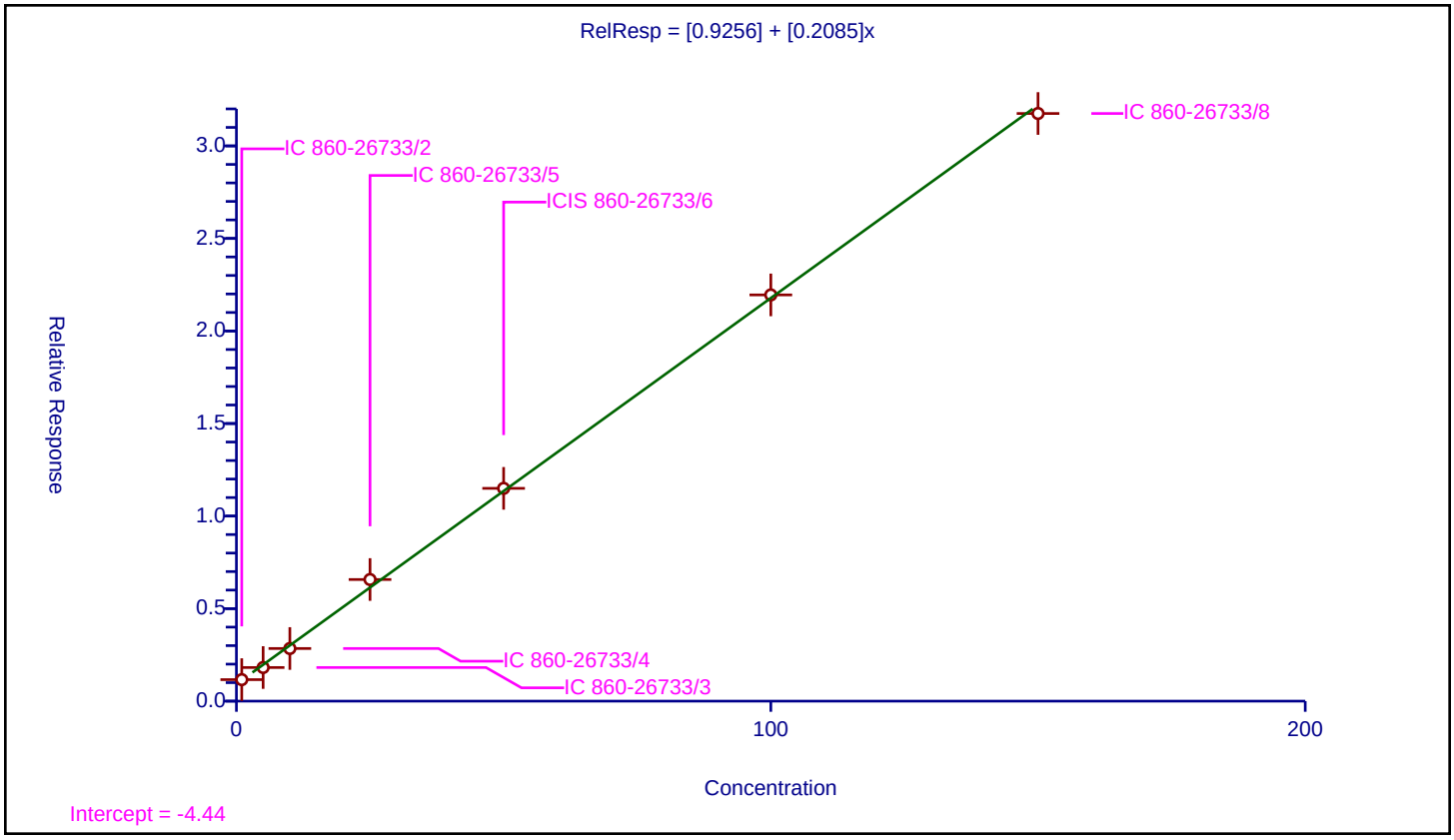
Curve Coefficients

Intercept:	0.9256
Slope:	0.2085

Error Coefficients

Standard Error:	638000
Relative Standard Error:	10.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	1.162239	50.0	1393130.0	1.162239	Y
2	IC 860-26733/3	5.0	1.817089	50.0	1361546.0	0.363418	Y
3	IC 860-26733/4	10.0	2.844672	50.0	1440078.0	0.284467	Y
4	IC 860-26733/5	25.0	6.570969	50.0	1540587.0	0.262839	Y
5	ICIS 860-26733/6	50.0	11.496798	50.0	1594370.0	0.229936	Y
6	IC 860-26733/7	100.0	21.949678	50.0	1647662.0	0.219497	Y
7	IC 860-26733/8	150.0	31.751219	50.0	1812891.0	0.211675	Y



Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

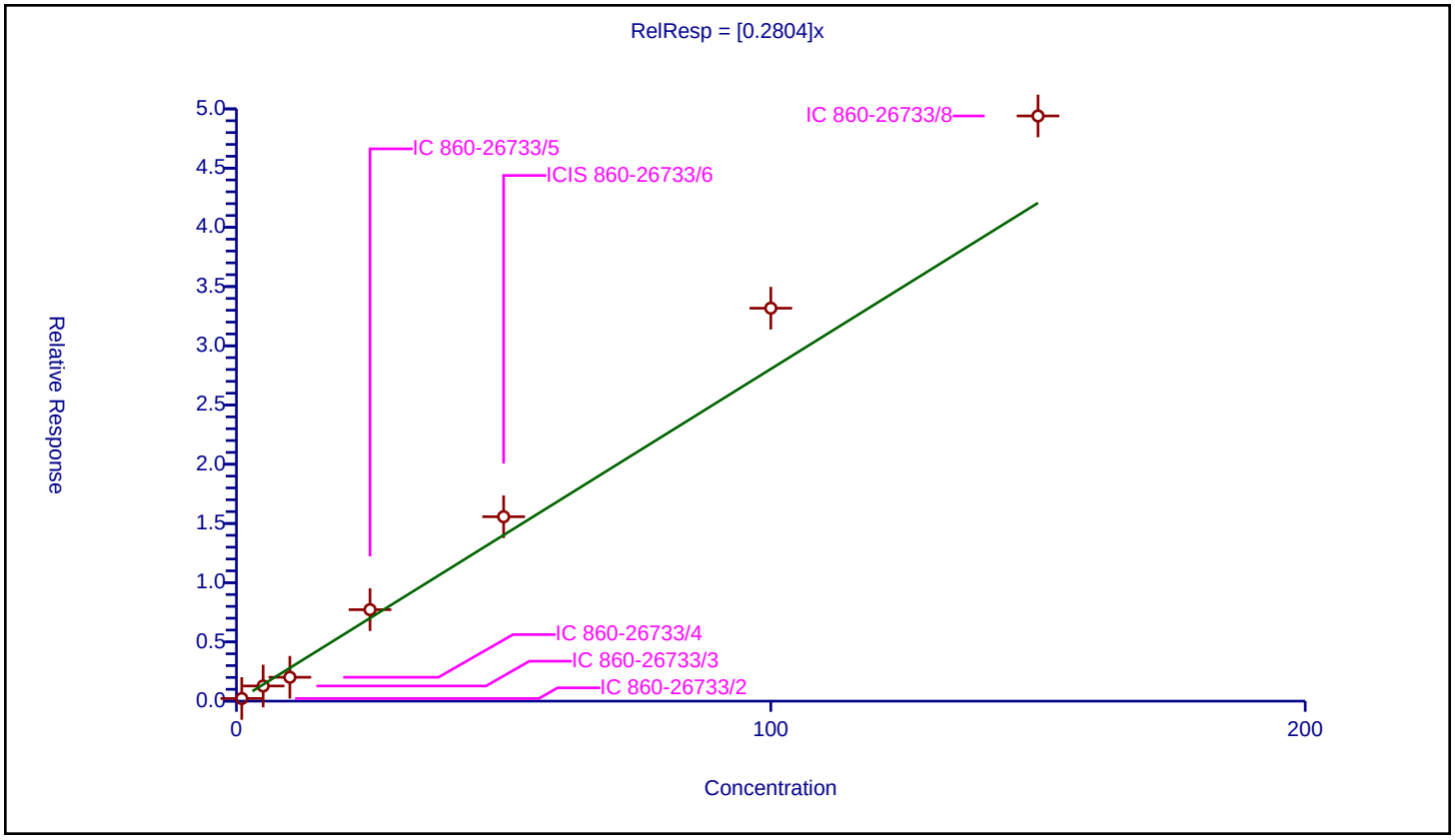
Curve Coefficients

Intercept:	0
Slope:	0.2804

Error Coefficients

Standard Error:	886000
Relative Standard Error:	18.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.964

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	0.224064	50.0	1393130.0	0.224064	Y
2	IC 860-26733/3	5.0	1.279685	50.0	1361546.0	0.255937	Y
3	IC 860-26733/4	10.0	2.015585	50.0	1440078.0	0.201559	Y
4	IC 860-26733/5	25.0	7.721894	50.0	1540587.0	0.308876	Y
5	ICIS 860-26733/6	50.0	15.570382	50.0	1594370.0	0.311408	Y
6	IC 860-26733/7	100.0	33.17431	50.0	1647662.0	0.331743	Y
7	IC 860-26733/8	150.0	49.404156	50.0	1812891.0	0.329361	Y



Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

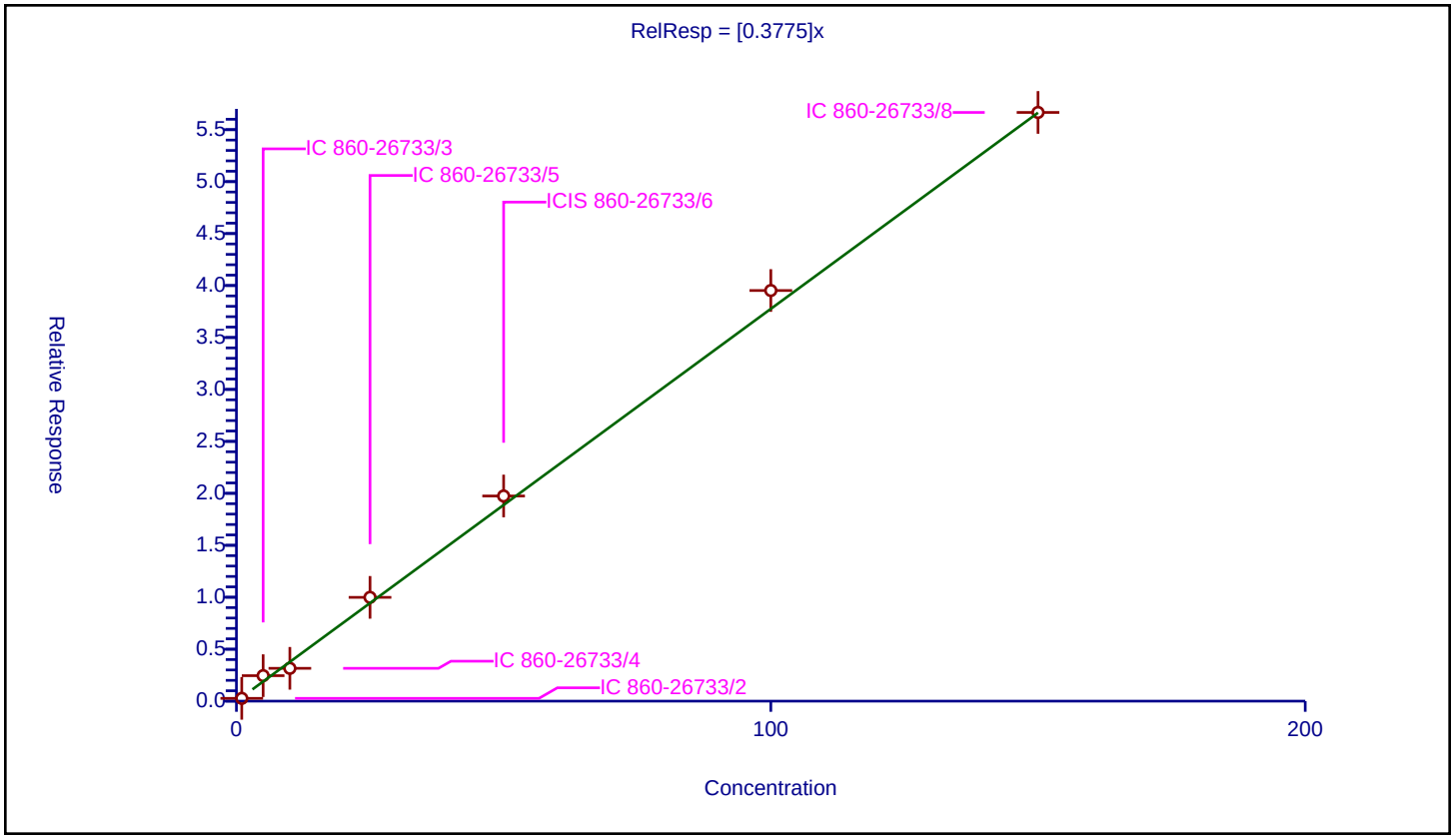
Curve Coefficients

Intercept:	0
Slope:	0.3775

Error Coefficients

Standard Error:	1030000
Relative Standard Error:	18.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.965

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	0.269106	50.0	1393130.0	0.269106	Y
2	IC 860-26733/3	5.0	2.452176	50.0	1361546.0	0.490435	Y
3	IC 860-26733/4	10.0	3.158926	50.0	1440078.0	0.315893	Y
4	IC 860-26733/5	25.0	9.989179	50.0	1540587.0	0.399567	Y
5	ICIS 860-26733/6	50.0	19.743943	50.0	1594370.0	0.394879	Y
6	IC 860-26733/7	100.0	39.519908	50.0	1647662.0	0.395199	Y
7	IC 860-26733/8	150.0	56.65895	50.0	1812891.0	0.377726	Y



Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

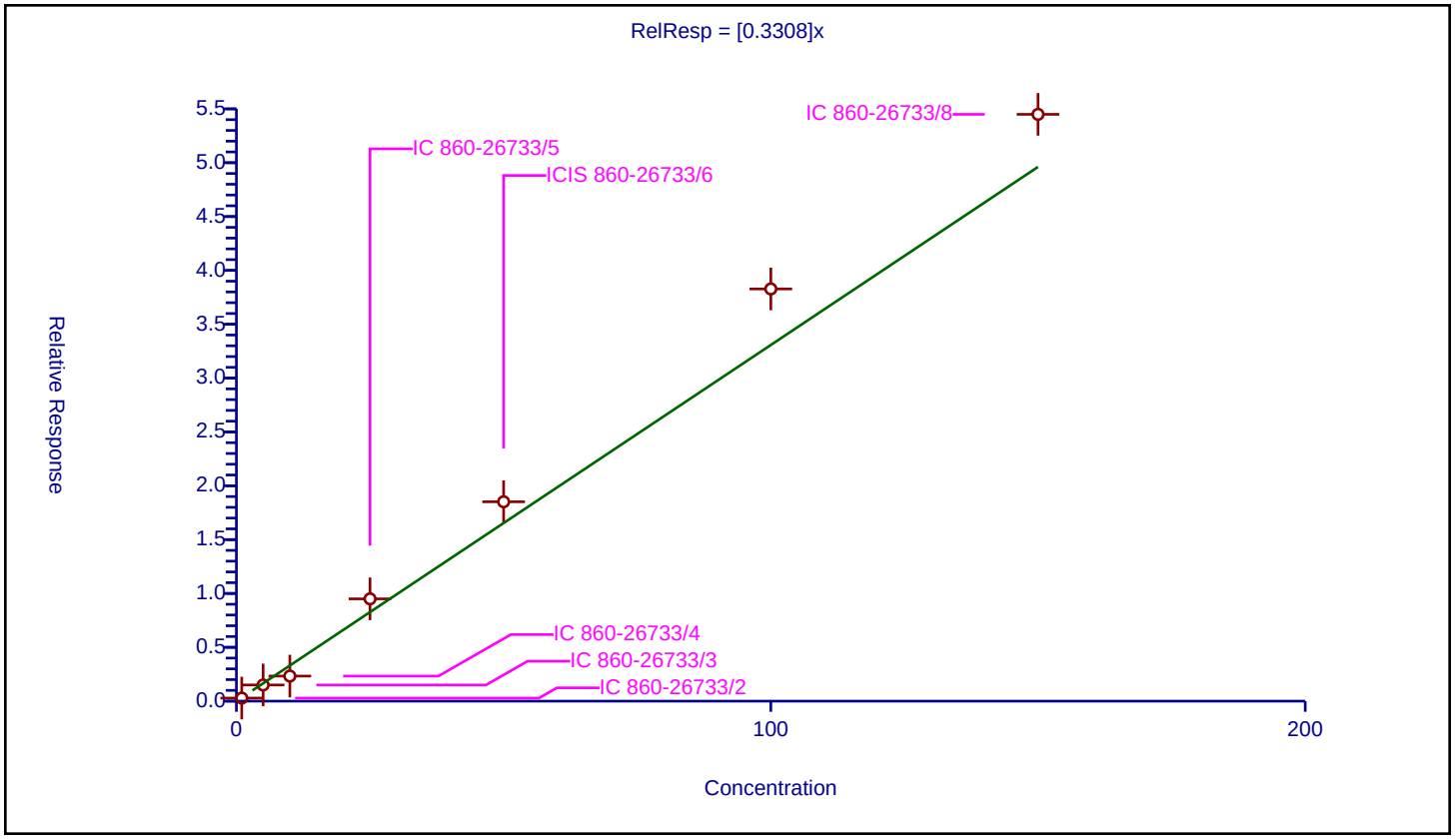
Curve Coefficients

Intercept:	0
Slope:	0.3308

Error Coefficients

Standard Error:	995000
Relative Standard Error:	17.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.968

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	0.285652	50.0	1393130.0	0.285652	Y
2	IC 860-26733/3	5.0	1.501602	50.0	1361546.0	0.30032	Y
3	IC 860-26733/4	10.0	2.329179	50.0	1440078.0	0.232918	Y
4	IC 860-26733/5	25.0	9.499821	50.0	1540587.0	0.379993	Y
5	ICIS 860-26733/6	50.0	18.515182	50.0	1594370.0	0.370304	Y
6	IC 860-26733/7	100.0	38.280303	50.0	1647662.0	0.382803	Y
7	IC 860-26733/8	150.0	54.492576	50.0	1812891.0	0.363284	Y



Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

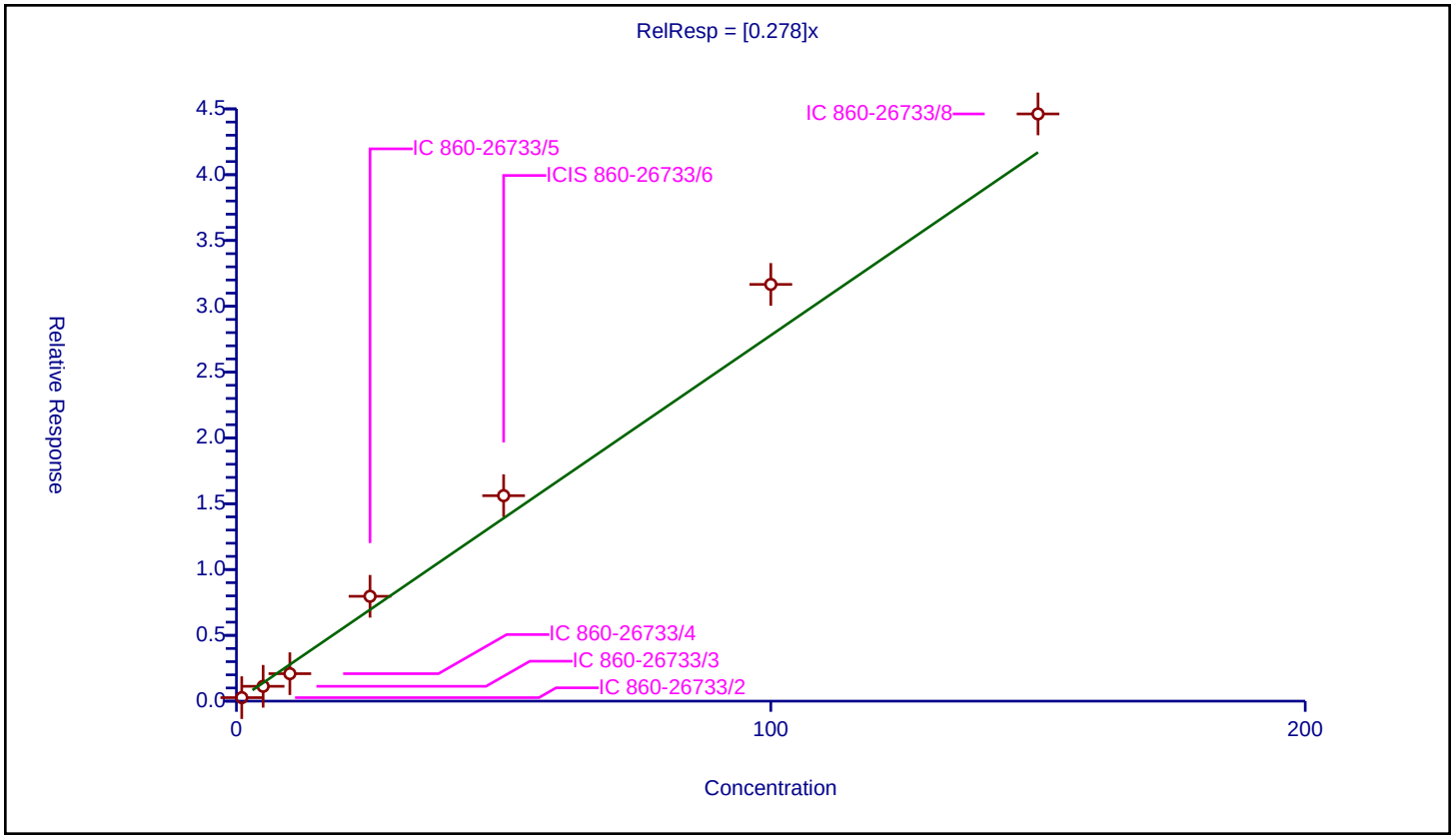
Curve Coefficients

Intercept:	0
Slope:	0.278

Error Coefficients

Standard Error:	818000
Relative Standard Error:	16.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.971

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	0.266594	50.0	1393130.0	0.266594	Y
2	IC 860-26733/3	5.0	1.127321	50.0	1361546.0	0.225464	Y
3	IC 860-26733/4	10.0	2.088394	50.0	1440078.0	0.208839	Y
4	IC 860-26733/5	25.0	7.966249	50.0	1540587.0	0.31865	Y
5	ICIS 860-26733/6	50.0	15.611119	50.0	1594370.0	0.312222	Y
6	IC 860-26733/7	100.0	31.664322	50.0	1647662.0	0.316643	Y
7	IC 860-26733/8	150.0	44.616527	50.0	1812891.0	0.297444	Y



Calibration / Bromomethane

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

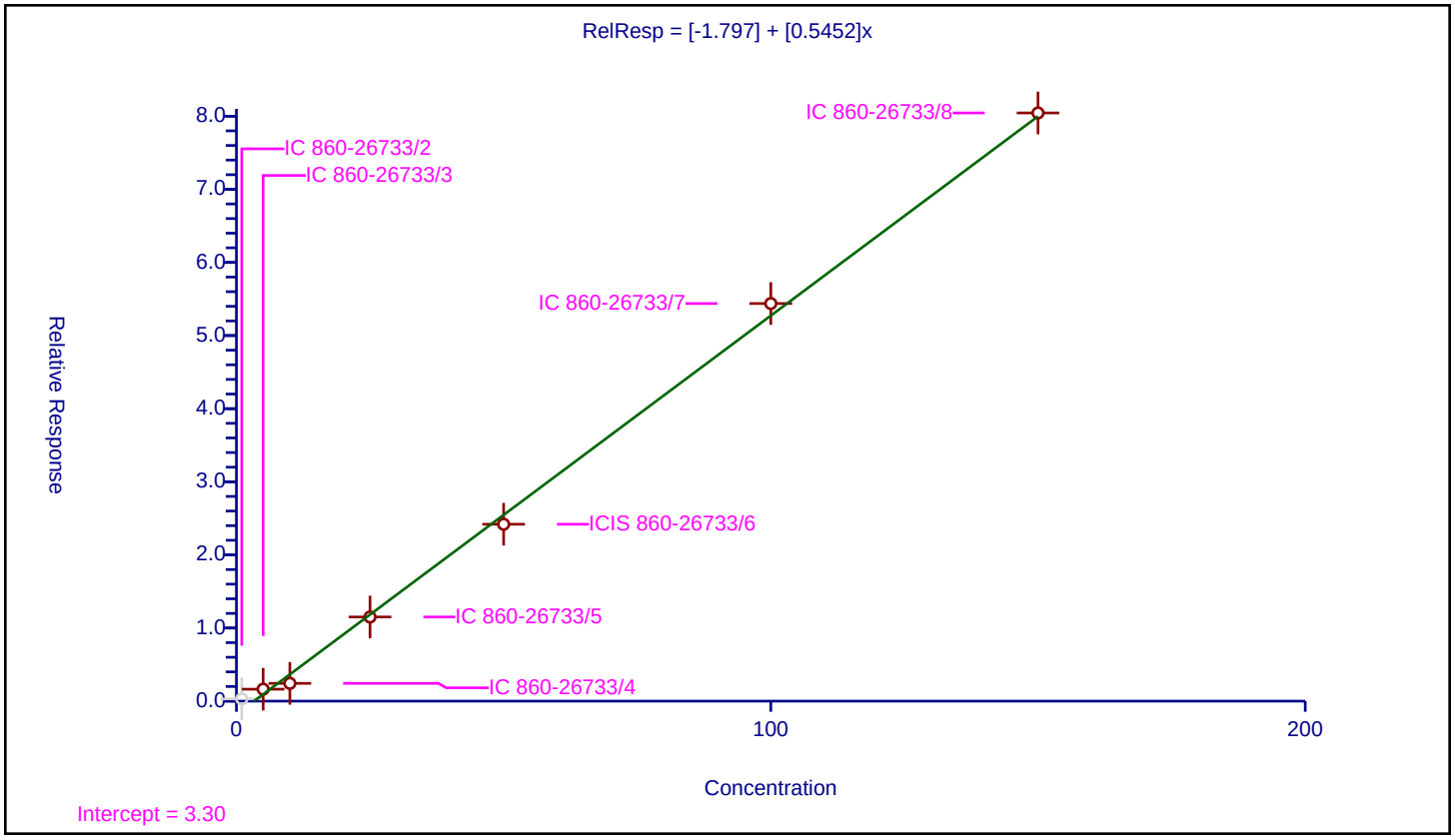
Curve Coefficients

Intercept:	-1.797
Slope:	0.5452

Error Coefficients

Standard Error:	1760000
Relative Standard Error:	17.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	0.303884	50.0	1393130.0	0.303884	N
2	IC 860-26733/3	5.0	1.633805	50.0	1361546.0	0.326761	Y
3	IC 860-26733/4	10.0	2.433167	50.0	1440078.0	0.243317	Y
4	IC 860-26733/5	25.0	11.510256	50.0	1540587.0	0.46041	Y
5	ICIS 860-26733/6	50.0	24.192973	50.0	1594370.0	0.483859	Y
6	IC 860-26733/7	100.0	54.379691	50.0	1647662.0	0.543797	Y
7	IC 860-26733/8	150.0	80.445156	50.0	1812891.0	0.536301	Y



Calibration / Chloroethane

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

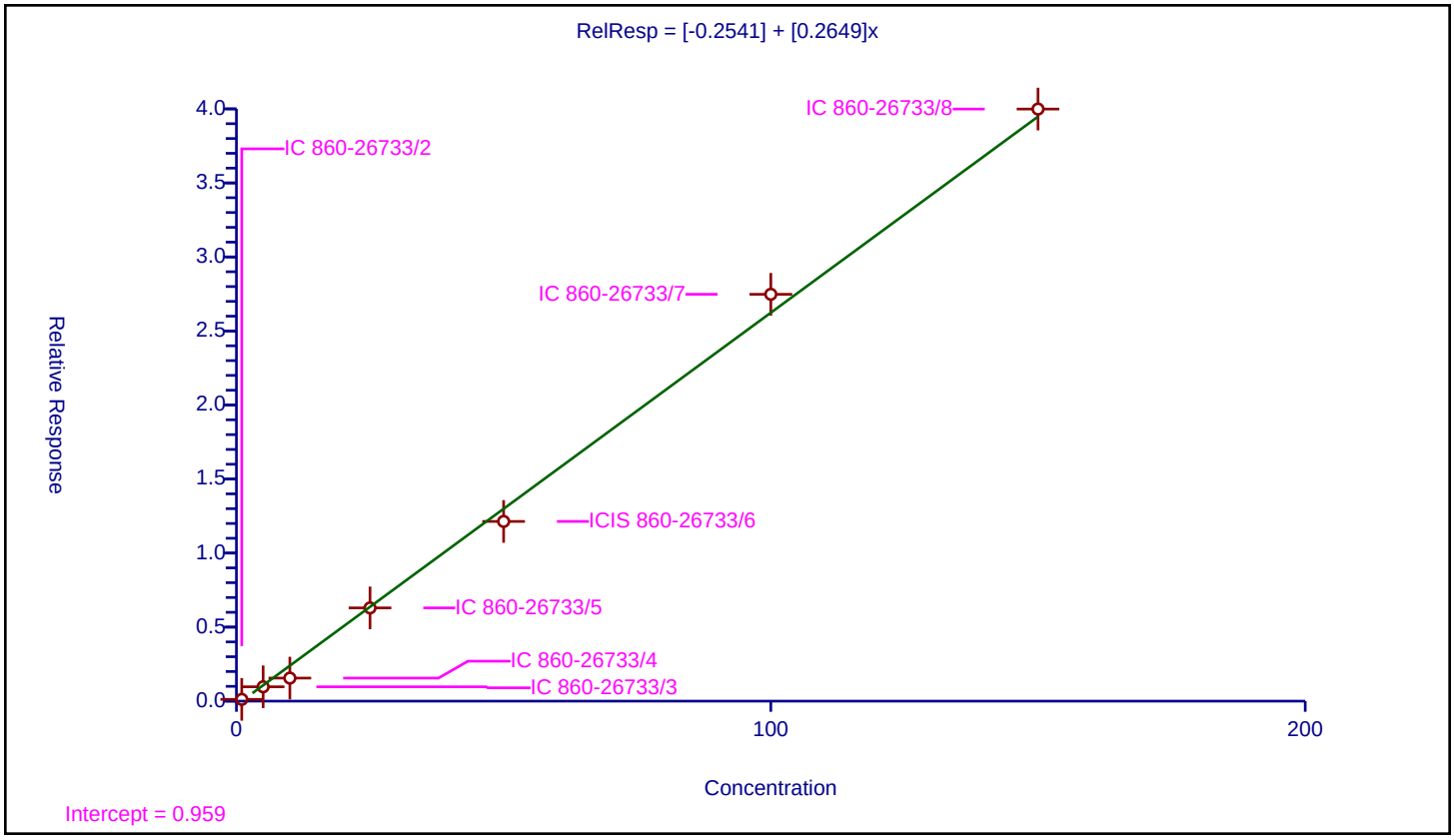
Curve Coefficients

Intercept:	-0.2541
Slope:	0.2649

Error Coefficients

Standard Error:	789000
Relative Standard Error:	23.6
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	0.118941	50.0	1393130.0	0.118941	Y
2	IC 860-26733/3	5.0	0.968605	50.0	1361546.0	0.193721	Y
3	IC 860-26733/4	10.0	1.557555	50.0	1440078.0	0.155755	Y
4	IC 860-26733/5	25.0	6.29721	50.0	1540587.0	0.251888	Y
5	ICIS 860-26733/6	50.0	12.137553	50.0	1594370.0	0.242751	Y
6	IC 860-26733/7	100.0	27.478785	50.0	1647662.0	0.274788	Y
7	IC 860-26733/8	150.0	39.989635	50.0	1812891.0	0.266598	Y



Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

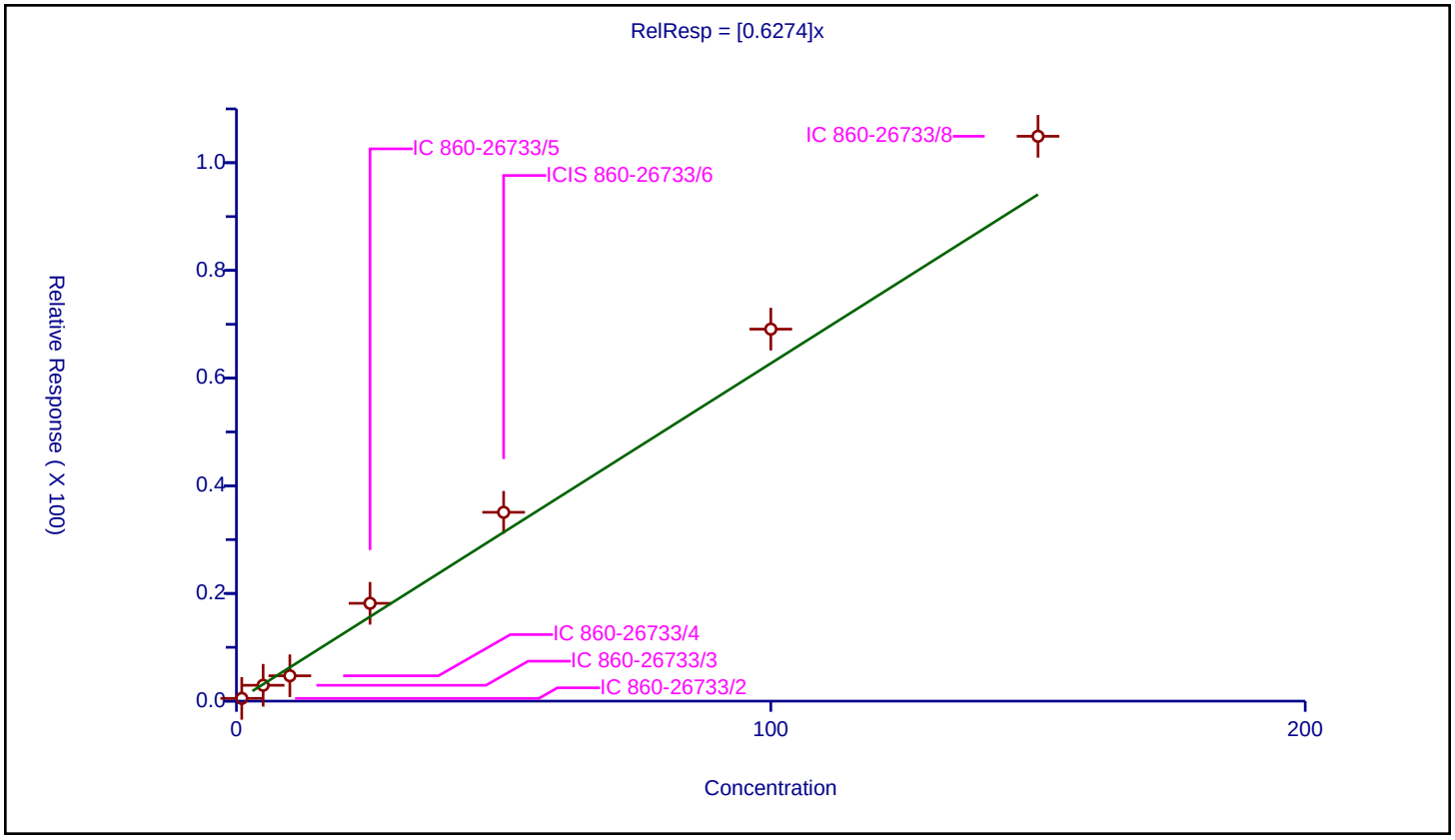
Curve Coefficients

Intercept:	0
Slope:	0.6274

Error Coefficients

Standard Error:	1880000
Relative Standard Error:	16.4
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.972

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	0.51291	50.0	1393130.0	0.51291	Y
2	IC 860-26733/3	5.0	2.943492	50.0	1361546.0	0.588698	Y
3	IC 860-26733/4	10.0	4.709641	50.0	1440078.0	0.470964	Y
4	IC 860-26733/5	25.0	18.174274	50.0	1540587.0	0.726971	Y
5	ICIS 860-26733/6	50.0	35.077805	50.0	1594370.0	0.701556	Y
6	IC 860-26733/7	100.0	69.09615	50.0	1647662.0	0.690961	Y
7	IC 860-26733/8	150.0	104.915519	50.0	1812891.0	0.699437	Y



Calibration / Ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

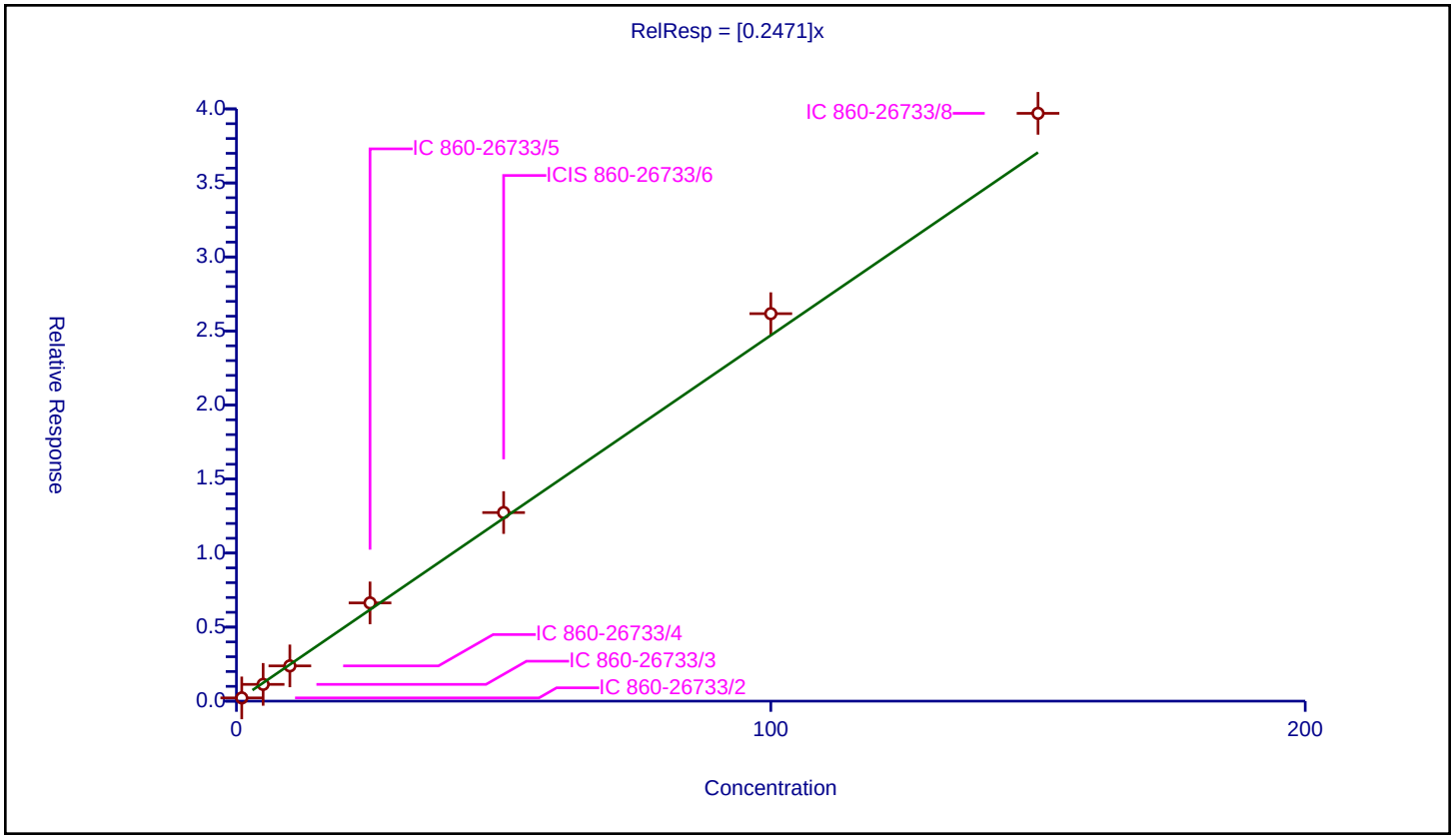
Curve Coefficients

Intercept:	0
Slope:	0.2471

Error Coefficients

Standard Error:	710000
Relative Standard Error:	7.8
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	0.218429	50.0	1393130.0	0.218429	Y
2	IC 860-26733/3	5.0	1.13261	50.0	1361546.0	0.226522	Y
3	IC 860-26733/4	10.0	2.379941	50.0	1440078.0	0.237994	Y
4	IC 860-26733/5	25.0	6.634711	50.0	1540587.0	0.265388	Y
5	ICIS 860-26733/6	50.0	12.736002	50.0	1594370.0	0.25472	Y
6	IC 860-26733/7	100.0	26.169779	50.0	1647662.0	0.261698	Y
7	IC 860-26733/8	150.0	39.700318	50.0	1812891.0	0.264669	Y



Calibration / Acrolein

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

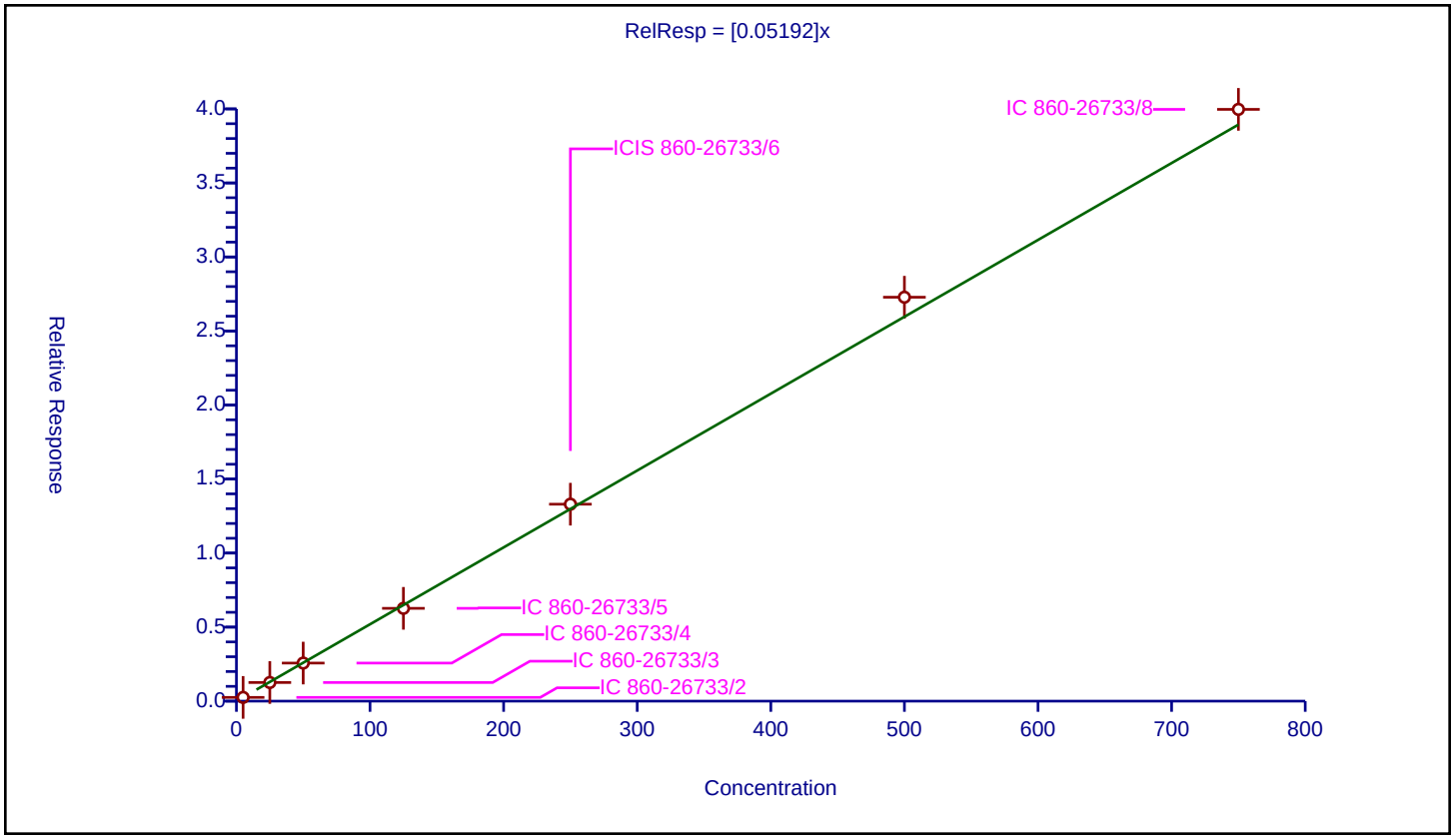
Curve Coefficients

Intercept:	0
Slope:	0.05192

Error Coefficients

Standard Error:	722000
Relative Standard Error:	3.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	5.0	0.25213	50.0	1393130.0	0.050426	Y
2	IC 860-26733/3	25.0	1.25912	50.0	1361546.0	0.050365	Y
3	IC 860-26733/4	50.0	2.571007	50.0	1440078.0	0.05142	Y
4	IC 860-26733/5	125.0	6.268163	50.0	1540587.0	0.050145	Y
5	ICIS 860-26733/6	250.0	13.301712	50.0	1594370.0	0.053207	Y
6	IC 860-26733/7	500.0	27.28099	50.0	1647662.0	0.054562	Y
7	IC 860-26733/8	750.0	39.967709	50.0	1812891.0	0.05329	Y



Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

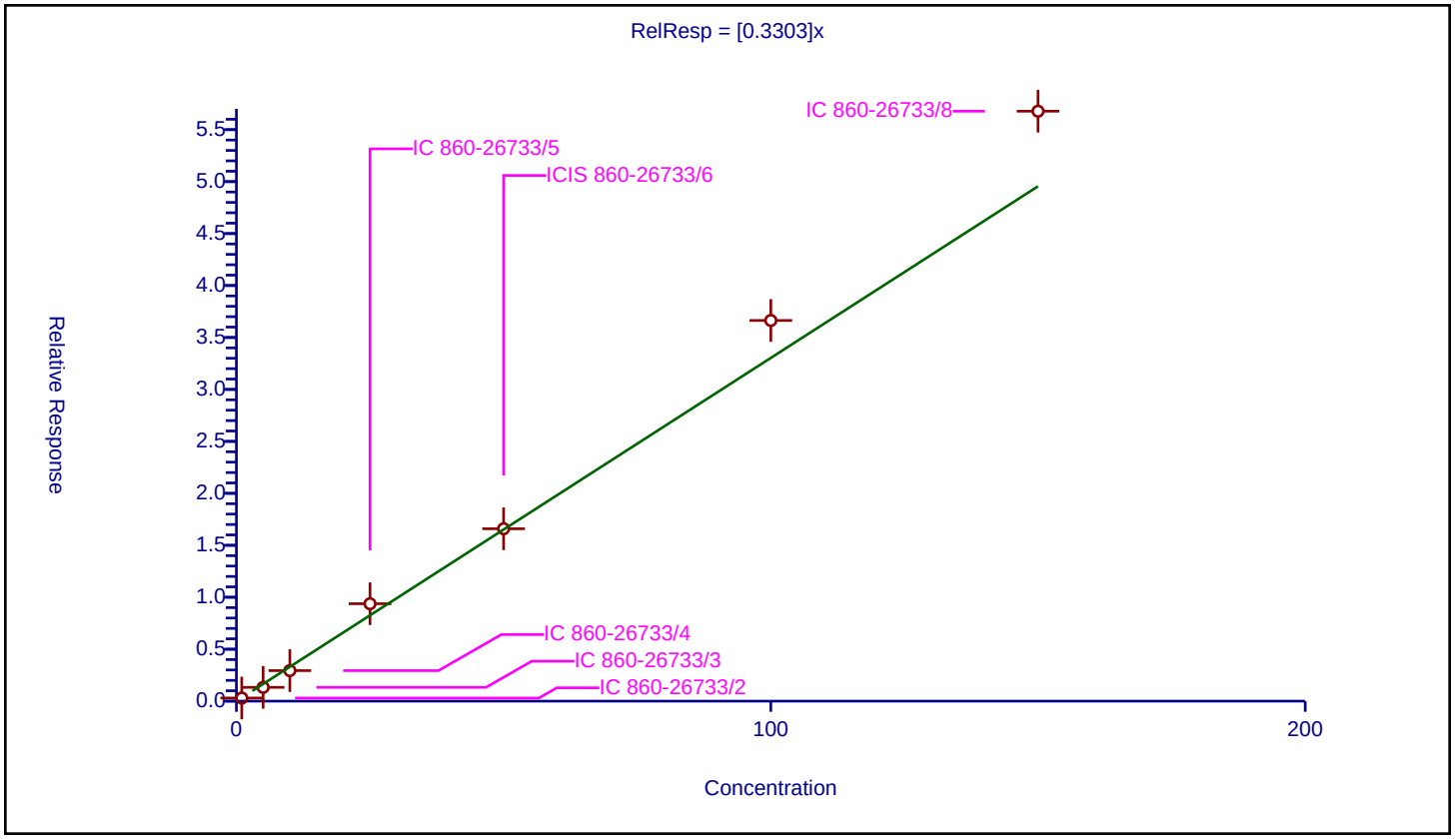
Curve Coefficients

Intercept:	0
Slope:	0.3303

Error Coefficients

Standard Error:	1010000
Relative Standard Error:	13.5
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	0.301444	50.0	1393130.0	0.301444	Y
2	IC 860-26733/3	5.0	1.326176	50.0	1361546.0	0.265235	Y
3	IC 860-26733/4	10.0	2.939042	50.0	1440078.0	0.293904	Y
4	IC 860-26733/5	25.0	9.374706	50.0	1540587.0	0.374988	Y
5	ICIS 860-26733/6	50.0	16.59135	50.0	1594370.0	0.331827	Y
6	IC 860-26733/7	100.0	36.636367	50.0	1647662.0	0.366364	Y
7	IC 860-26733/8	150.0	56.777903	50.0	1812891.0	0.378519	Y



Calibration / 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

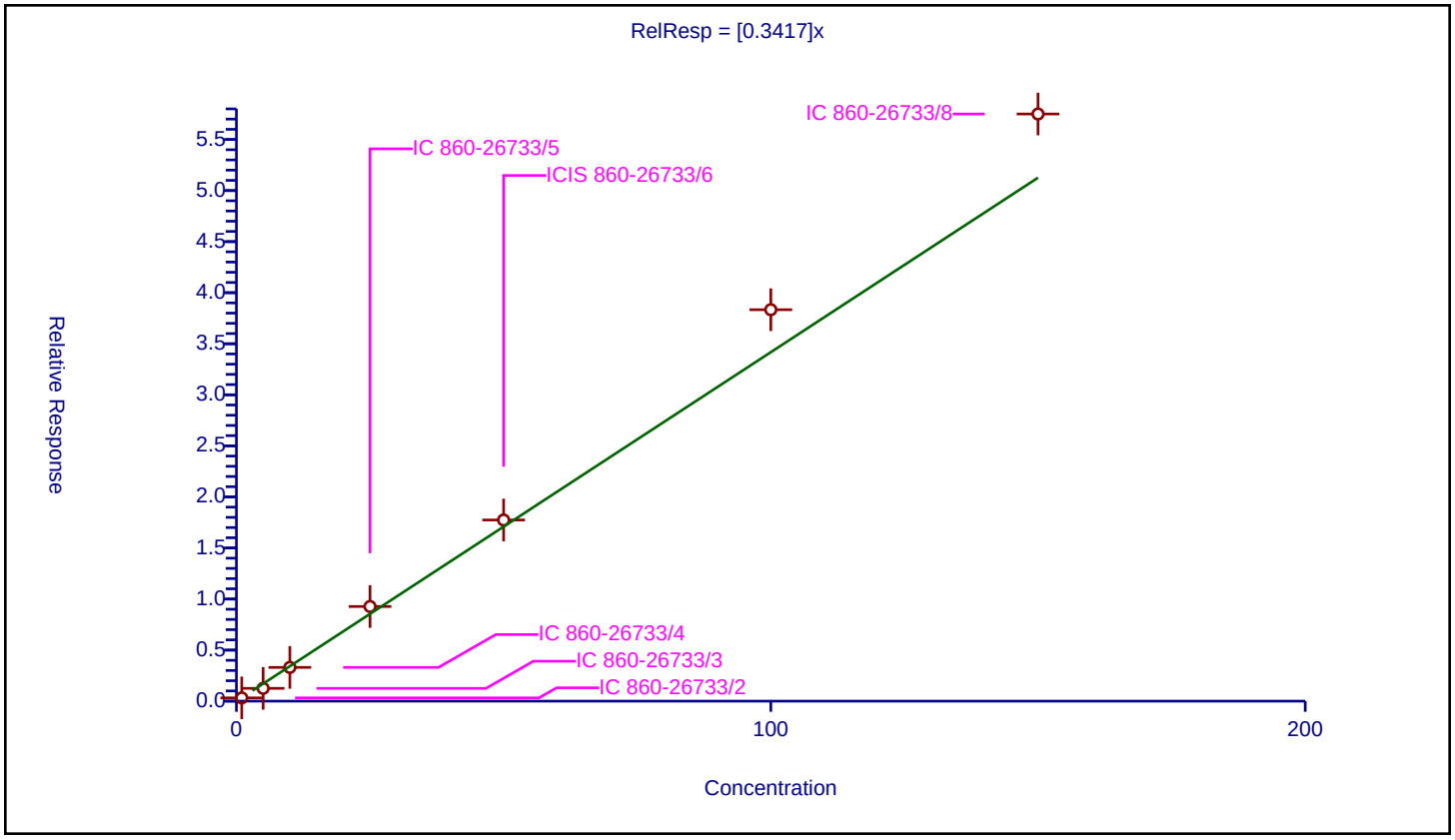
Curve Coefficients

Intercept:	0
Slope:	0.3417

Error Coefficients

Standard Error:	1030000
Relative Standard Error:	13.8
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	0.318779	50.0	1393130.0	0.318779	Y
2	IC 860-26733/3	5.0	1.254456	50.0	1361546.0	0.250891	Y
3	IC 860-26733/4	10.0	3.302911	50.0	1440078.0	0.330291	Y
4	IC 860-26733/5	25.0	9.268642	50.0	1540587.0	0.370746	Y
5	ICIS 860-26733/6	50.0	17.739828	50.0	1594370.0	0.354797	Y
6	IC 860-26733/7	100.0	38.333105	50.0	1647662.0	0.383331	Y
7	IC 860-26733/8	150.0	57.499624	50.0	1812891.0	0.383331	Y



Calibration / Acetone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

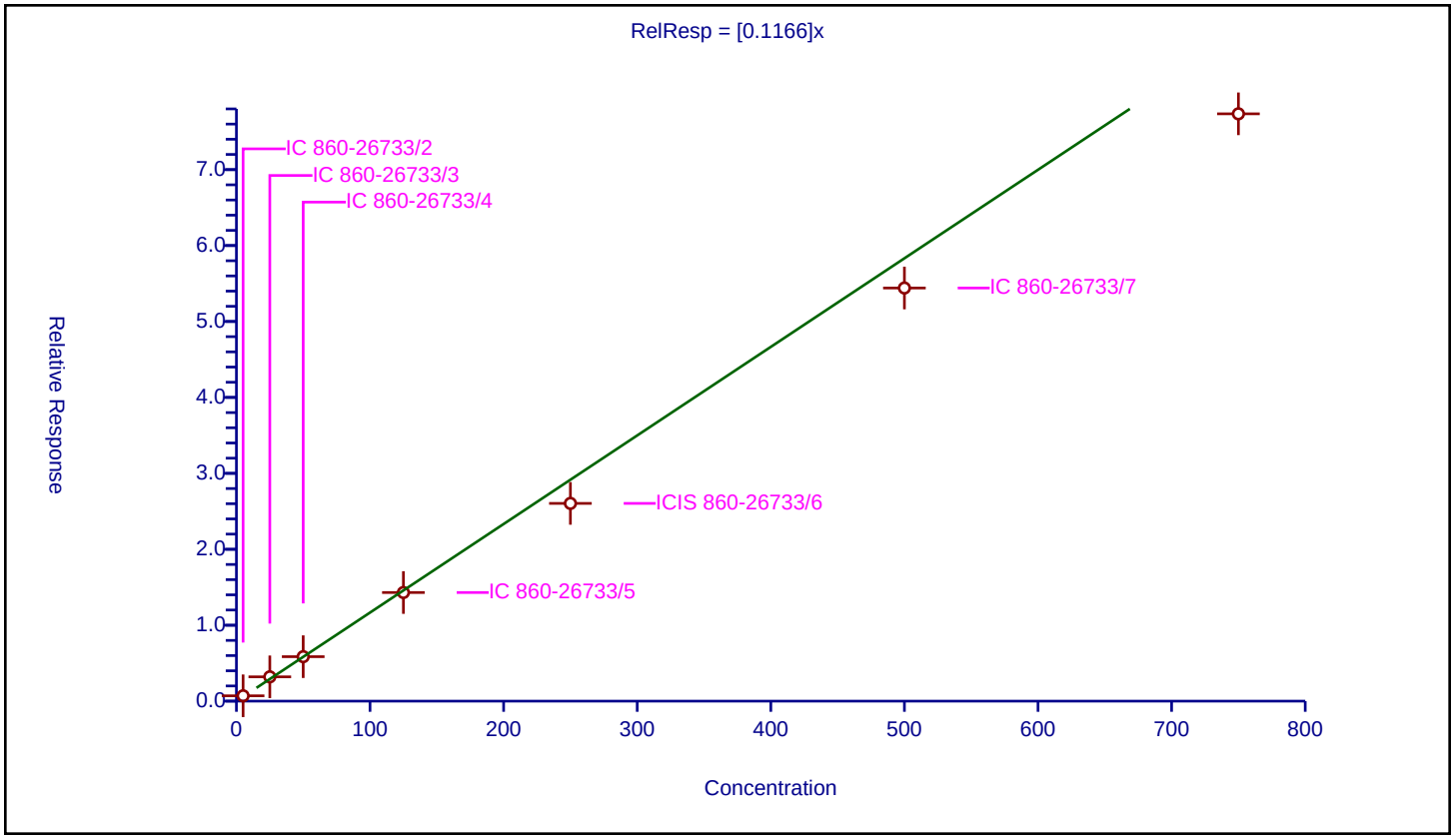
Curve Coefficients

Intercept:	0
Slope:	0.1166

Error Coefficients

Standard Error:	1410000
Relative Standard Error:	11.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	5.0	0.703452	50.0	1393130.0	0.14069	Y
2	IC 860-26733/3	25.0	3.201655	50.0	1361546.0	0.128066	Y
3	IC 860-26733/4	50.0	5.856905	50.0	1440078.0	0.117138	Y
4	IC 860-26733/5	125.0	14.305521	50.0	1540587.0	0.114444	Y
5	ICIS 860-26733/6	250.0	26.042857	50.0	1594370.0	0.104171	Y
6	IC 860-26733/7	500.0	54.409369	50.0	1647662.0	0.108819	Y
7	IC 860-26733/8	750.0	77.352582	50.0	1812891.0	0.103137	Y



Calibration / Iodomethane

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

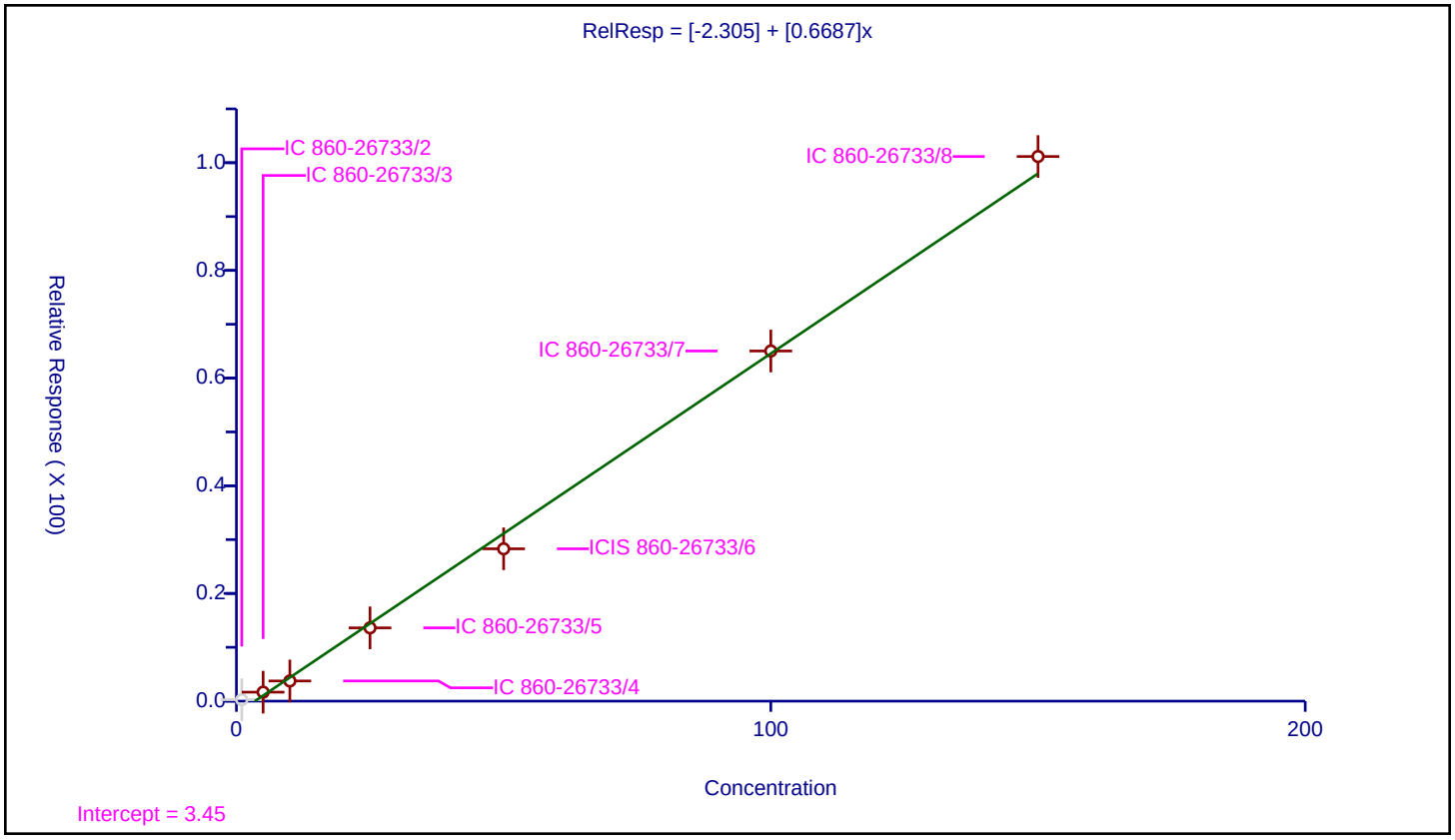
Curve Coefficients

Intercept:	-2.305
Slope:	0.6687

Error Coefficients

Standard Error:	2180000
Relative Standard Error:	11.7
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	0.266917	50.0	1393130.0	0.266917	N
2	IC 860-26733/3	5.0	1.668801	50.0	1361546.0	0.33376	Y
3	IC 860-26733/4	10.0	3.747887	50.0	1440078.0	0.374789	Y
4	IC 860-26733/5	25.0	13.612571	50.0	1540587.0	0.544503	Y
5	ICIS 860-26733/6	50.0	28.292241	50.0	1594370.0	0.565845	Y
6	IC 860-26733/7	100.0	65.034121	50.0	1647662.0	0.650341	Y
7	IC 860-26733/8	150.0	101.157047	50.0	1812891.0	0.67438	Y



Calibration / Carbon disulfide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

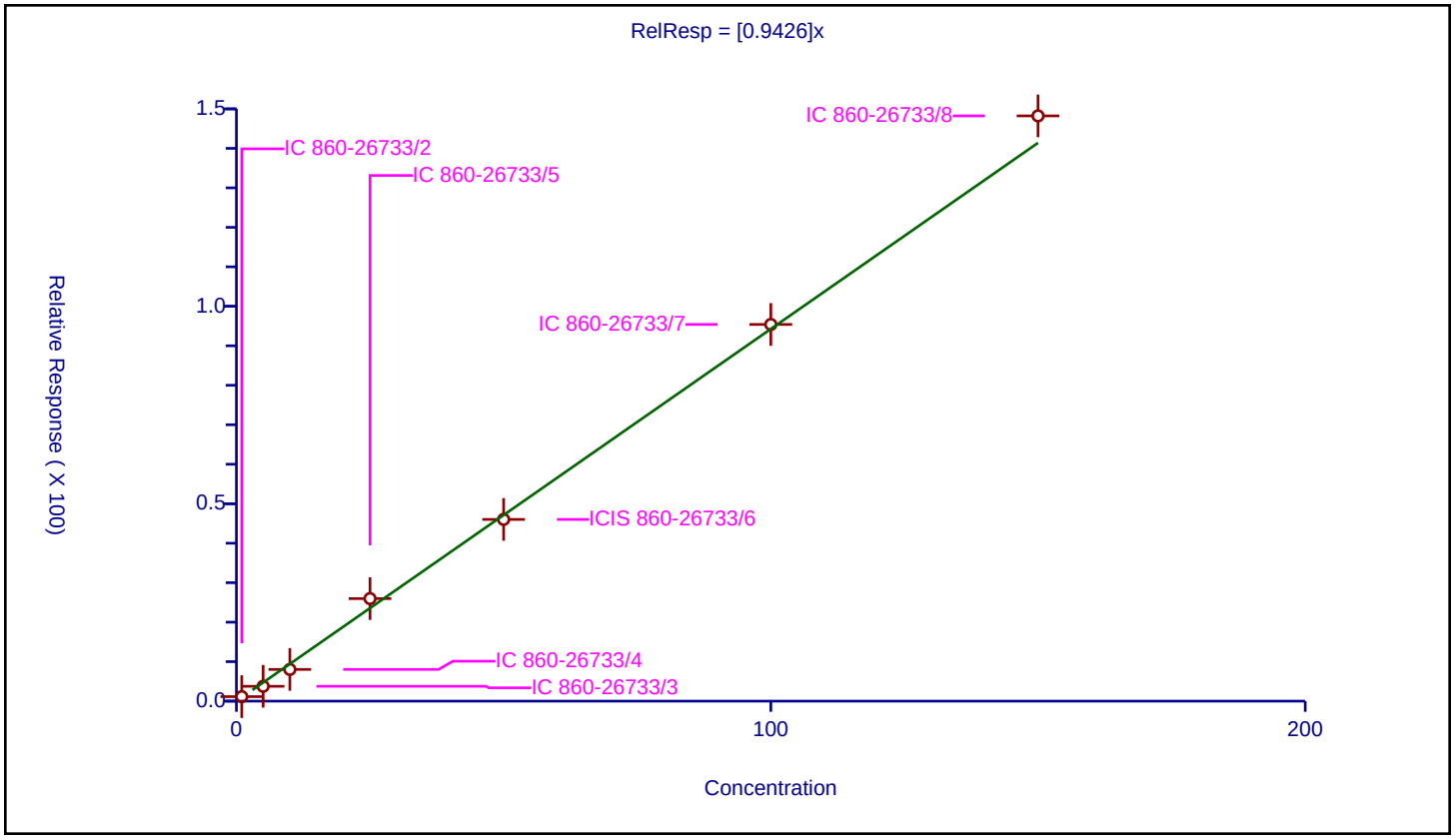
Curve Coefficients

Intercept:	0
Slope:	0.9426

Error Coefficients

Standard Error:	2630000
Relative Standard Error:	14.2
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	1.141781	50.0	1393130.0	1.141781	Y
2	IC 860-26733/3	5.0	3.760248	50.0	1361546.0	0.75205	Y
3	IC 860-26733/4	10.0	8.02776	50.0	1440078.0	0.802776	Y
4	IC 860-26733/5	25.0	25.975196	50.0	1540587.0	1.039008	Y
5	ICIS 860-26733/6	50.0	46.024699	50.0	1594370.0	0.920494	Y
6	IC 860-26733/7	100.0	95.404306	50.0	1647662.0	0.954043	Y
7	IC 860-26733/8	150.0	148.224025	50.0	1812891.0	0.98816	Y



Calibration / Isopropyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

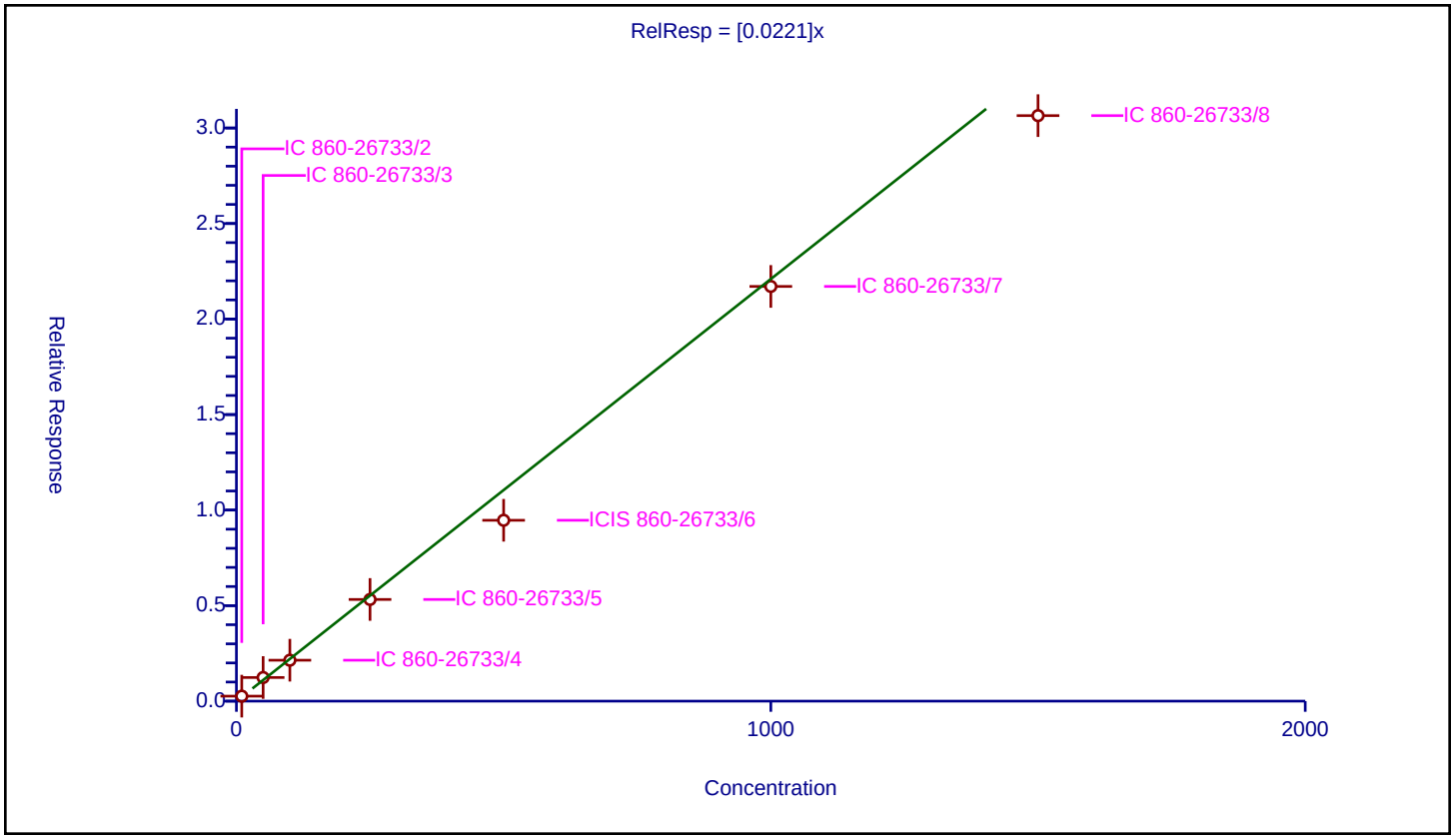
Curve Coefficients

Intercept:	0
Slope:	0.0221

Error Coefficients

Standard Error:	558000
Relative Standard Error:	11.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	10.0	0.261533	50.0	1393130.0	0.026153	Y
2	IC 860-26733/3	50.0	1.236719	50.0	1361546.0	0.024734	Y
3	IC 860-26733/4	100.0	2.141759	50.0	1440078.0	0.021418	Y
4	IC 860-26733/5	250.0	5.321997	50.0	1540587.0	0.021288	Y
5	ICIS 860-26733/6	500.0	9.466655	50.0	1594370.0	0.018933	Y
6	IC 860-26733/7	1000.0	21.707486	50.0	1647662.0	0.021707	Y
7	IC 860-26733/8	1500.0	30.647651	50.0	1812891.0	0.020432	Y



Calibration / 3-Chloro-1-propene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

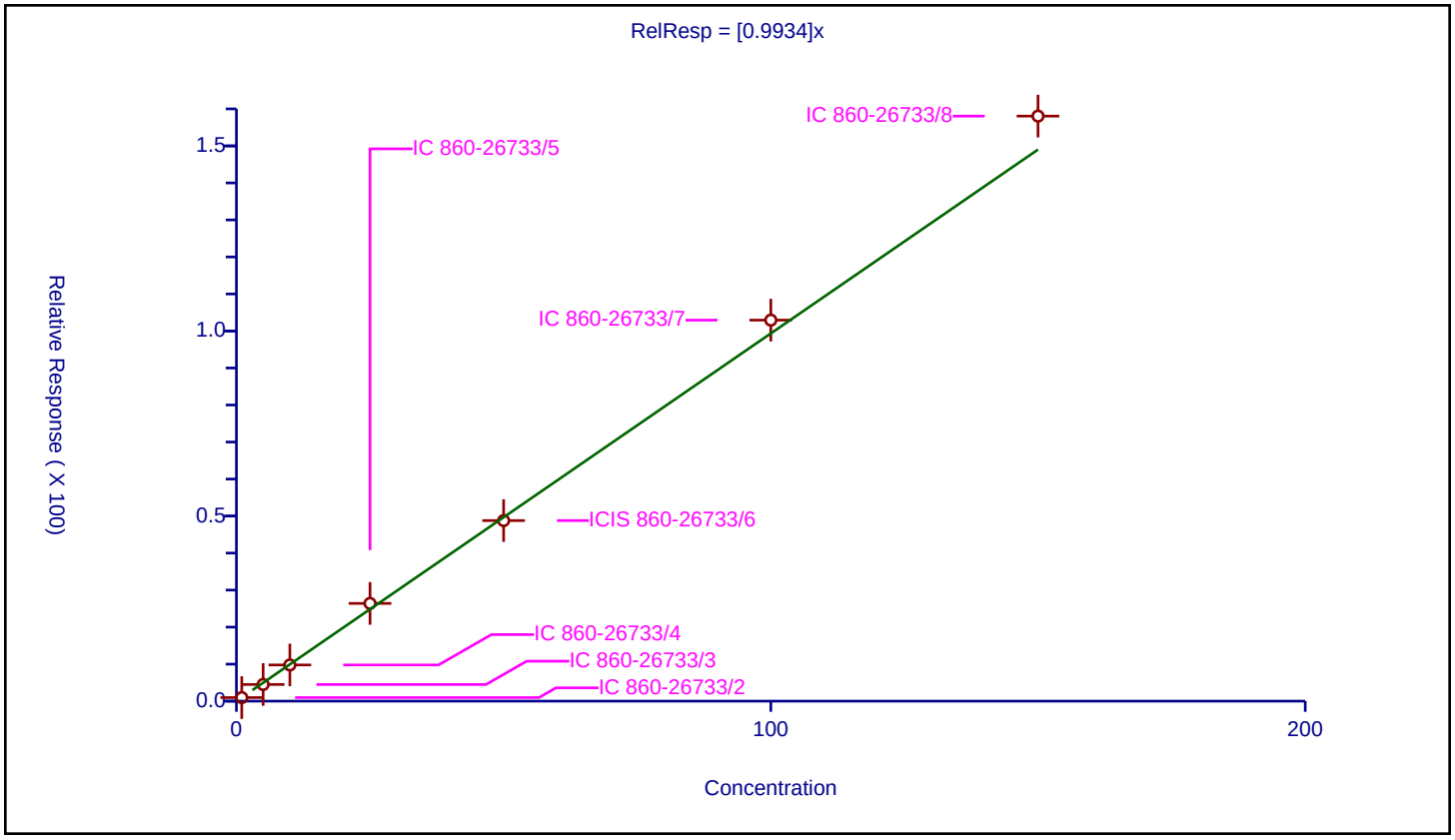
Curve Coefficients

Intercept:	0
Slope:	0.9934

Error Coefficients

Standard Error:	2810000
Relative Standard Error:	5.7
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	0.960786	50.0	1393130.0	0.960786	Y
2	IC 860-26733/3	5.0	4.503924	50.0	1361546.0	0.900785	Y
3	IC 860-26733/4	10.0	9.777283	50.0	1440078.0	0.977728	Y
4	IC 860-26733/5	25.0	26.40341	50.0	1540587.0	1.056136	Y
5	ICIS 860-26733/6	50.0	48.783563	50.0	1594370.0	0.975671	Y
6	IC 860-26733/7	100.0	102.930546	50.0	1647662.0	1.029305	Y
7	IC 860-26733/8	150.0	158.049436	50.0	1812891.0	1.053663	Y



Calibration / Acetonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

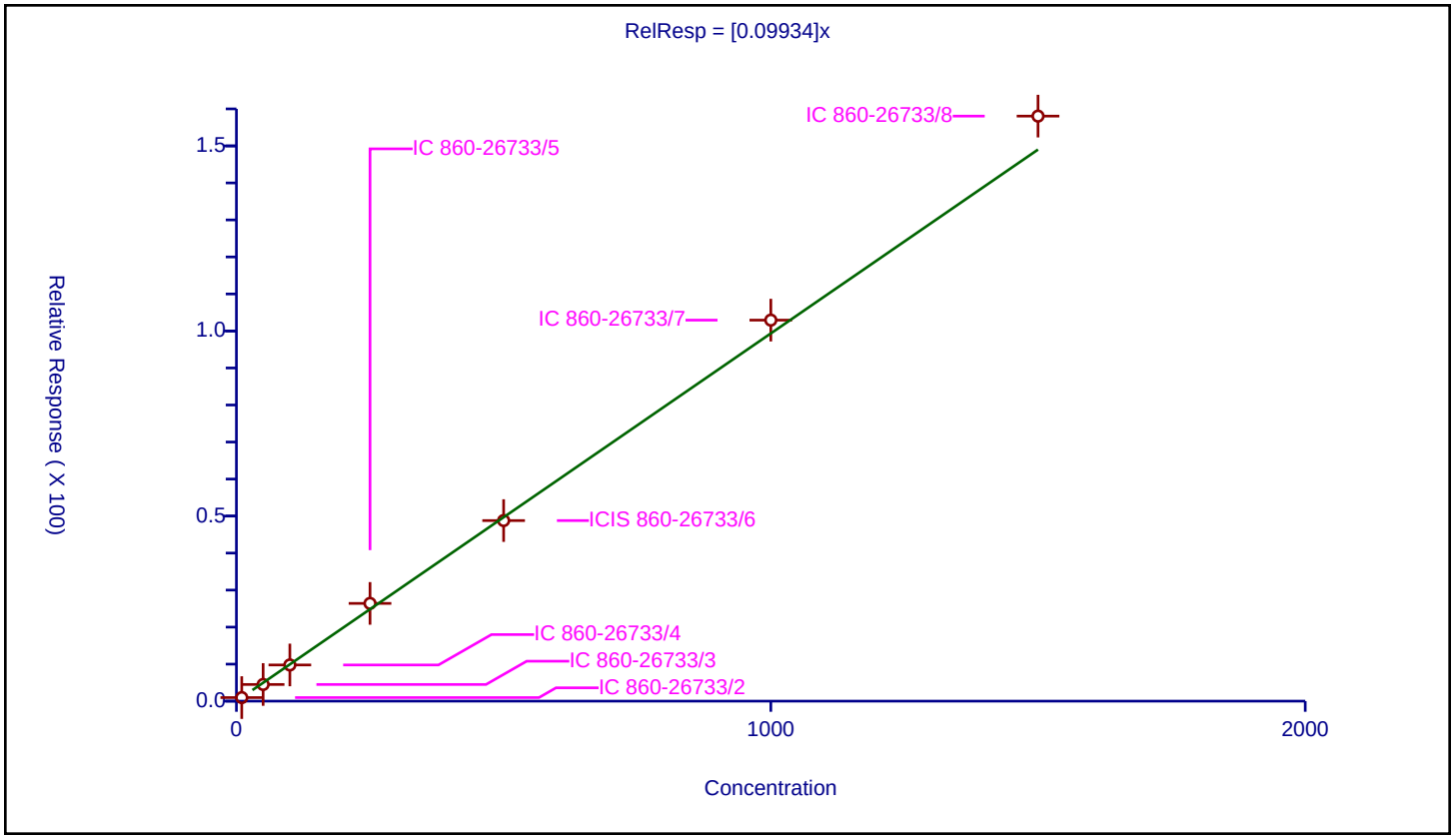
Curve Coefficients

Intercept:	0
Slope:	0.09934

Error Coefficients

Standard Error:	2810000
Relative Standard Error:	5.7
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	10.0	0.960786	50.0	1393130.0	0.096079	Y
2	IC 860-26733/3	50.0	4.503924	50.0	1361546.0	0.090078	Y
3	IC 860-26733/4	100.0	9.777283	50.0	1440078.0	0.097773	Y
4	IC 860-26733/5	250.0	26.40341	50.0	1540587.0	0.105614	Y
5	ICIS 860-26733/6	500.0	48.783563	50.0	1594370.0	0.097567	Y
6	IC 860-26733/7	1000.0	102.930546	50.0	1647662.0	0.102931	Y
7	IC 860-26733/8	1500.0	158.049436	50.0	1812891.0	0.105366	Y



Calibration / Methyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

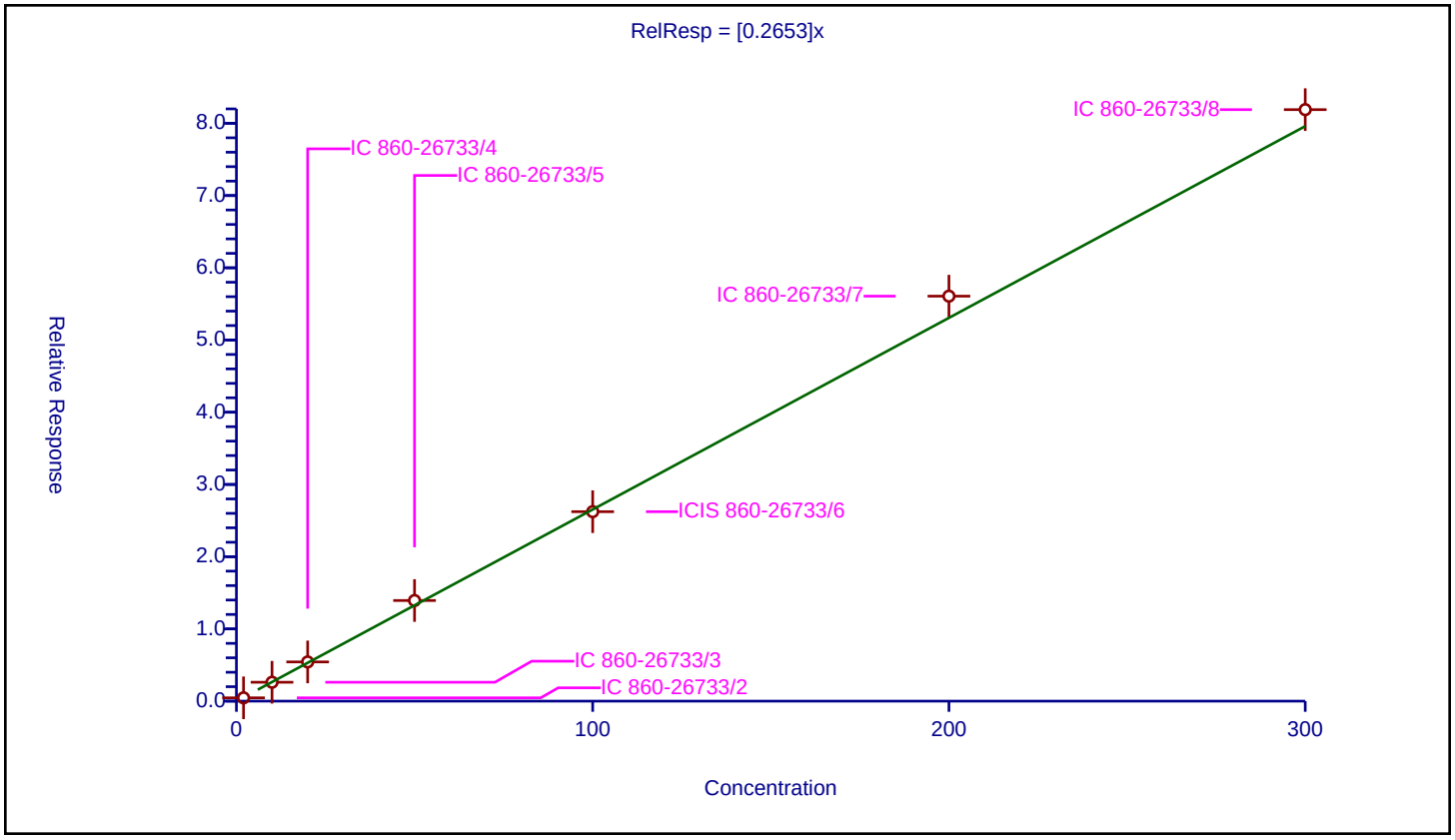
Curve Coefficients

Intercept:	0
Slope:	0.2653

Error Coefficients

Standard Error:	1480000
Relative Standard Error:	6.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	2.0	0.460187	50.0	1393130.0	0.230093	Y
2	IC 860-26733/3	10.0	2.614932	50.0	1361546.0	0.261493	Y
3	IC 860-26733/4	20.0	5.429116	50.0	1440078.0	0.271456	Y
4	IC 860-26733/5	50.0	13.932352	50.0	1540587.0	0.278647	Y
5	ICIS 860-26733/6	100.0	26.232869	50.0	1594370.0	0.262329	Y
6	IC 860-26733/7	200.0	56.070936	50.0	1647662.0	0.280355	Y
7	IC 860-26733/8	300.0	81.895271	50.0	1812891.0	0.272984	Y



Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

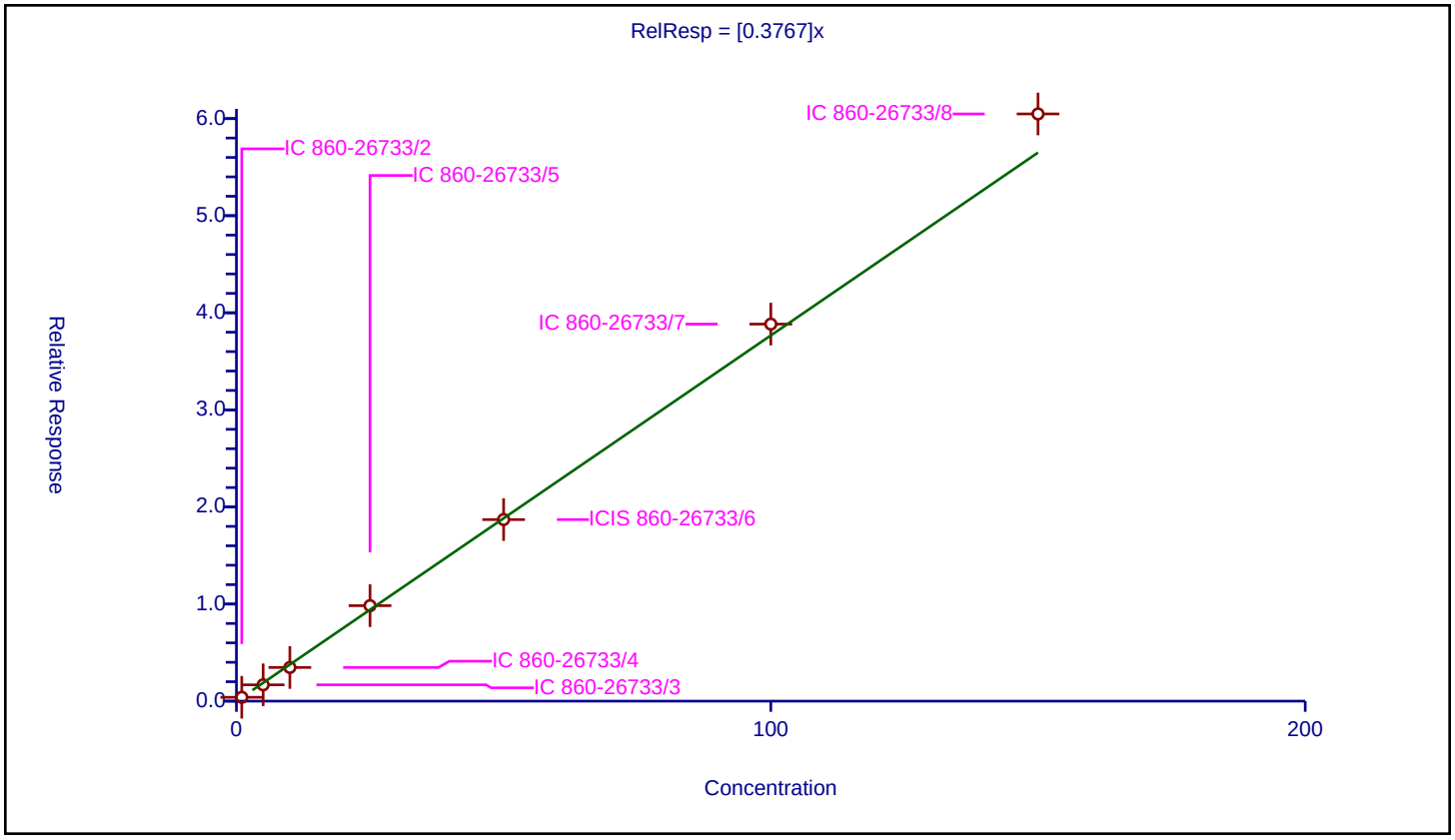
Curve Coefficients

Intercept:	0
Slope:	0.3767

Error Coefficients

Standard Error:	1070000
Relative Standard Error:	6.9
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	0.39501	50.0	1393130.0	0.39501	Y
2	IC 860-26733/3	5.0	1.678974	50.0	1361546.0	0.335795	Y
3	IC 860-26733/4	10.0	3.469187	50.0	1440078.0	0.346919	Y
4	IC 860-26733/5	25.0	9.832389	50.0	1540587.0	0.393296	Y
5	ICIS 860-26733/6	50.0	18.700521	50.0	1594370.0	0.37401	Y
6	IC 860-26733/7	100.0	38.834573	50.0	1647662.0	0.388346	Y
7	IC 860-26733/8	150.0	60.482401	50.0	1812891.0	0.403216	Y



Calibration / 2-Methyl-2-propanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

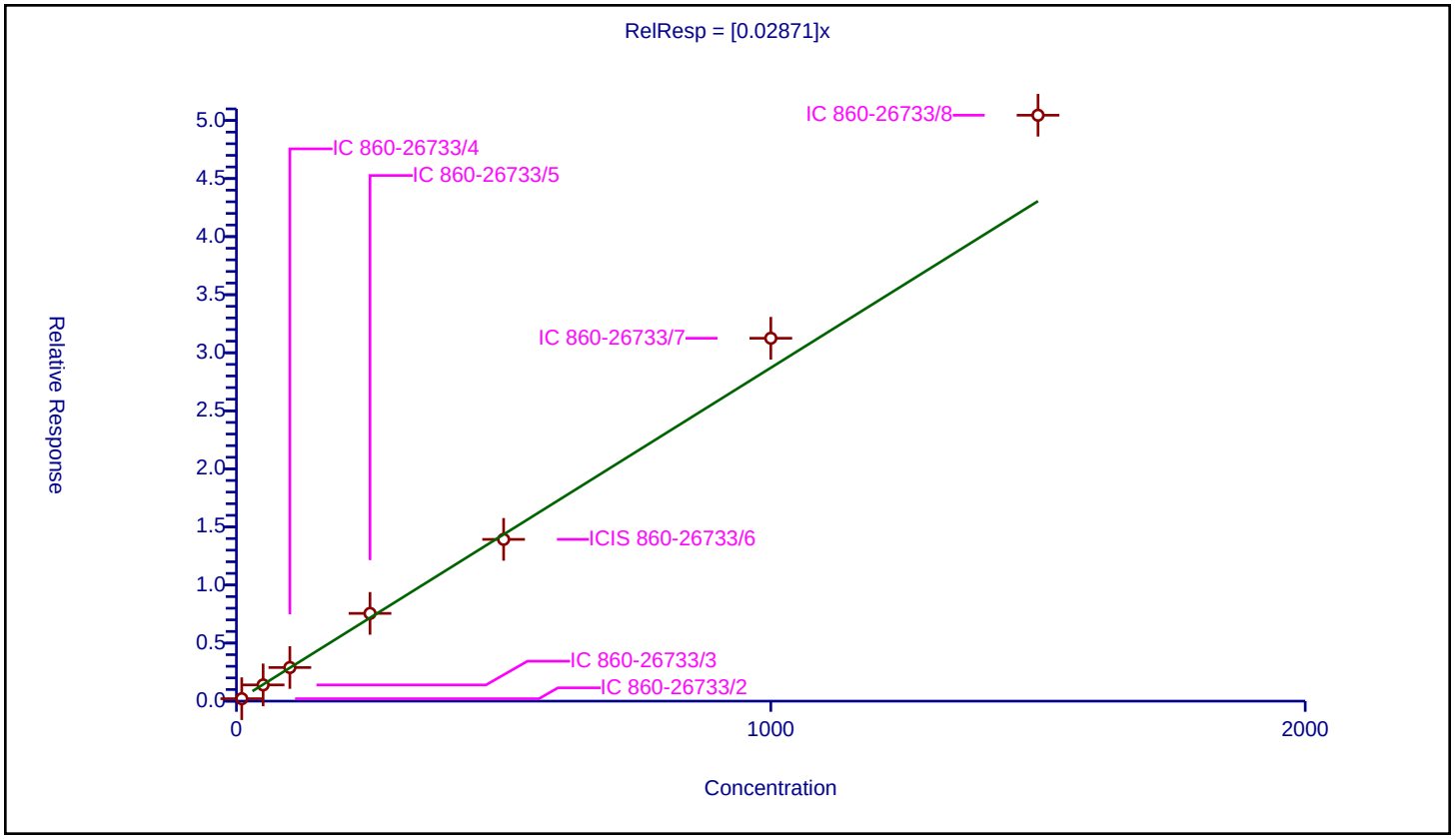
Curve Coefficients

Intercept:	0
Slope:	0.02871

Error Coefficients

Standard Error:	882000
Relative Standard Error:	13.7
Correlation Coefficient:	0.988
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	10.0	0.210748	50.0	1393130.0	0.021075	Y
2	IC 860-26733/3	50.0	1.397639	50.0	1361546.0	0.027953	Y
3	IC 860-26733/4	100.0	2.895781	50.0	1440078.0	0.028958	Y
4	IC 860-26733/5	250.0	7.55488	50.0	1540587.0	0.03022	Y
5	ICIS 860-26733/6	500.0	13.928605	50.0	1594370.0	0.027857	Y
6	IC 860-26733/7	1000.0	31.250068	50.0	1647662.0	0.03125	Y
7	IC 860-26733/8	1500.0	50.453888	50.0	1812891.0	0.033636	Y



Calibration / Acrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

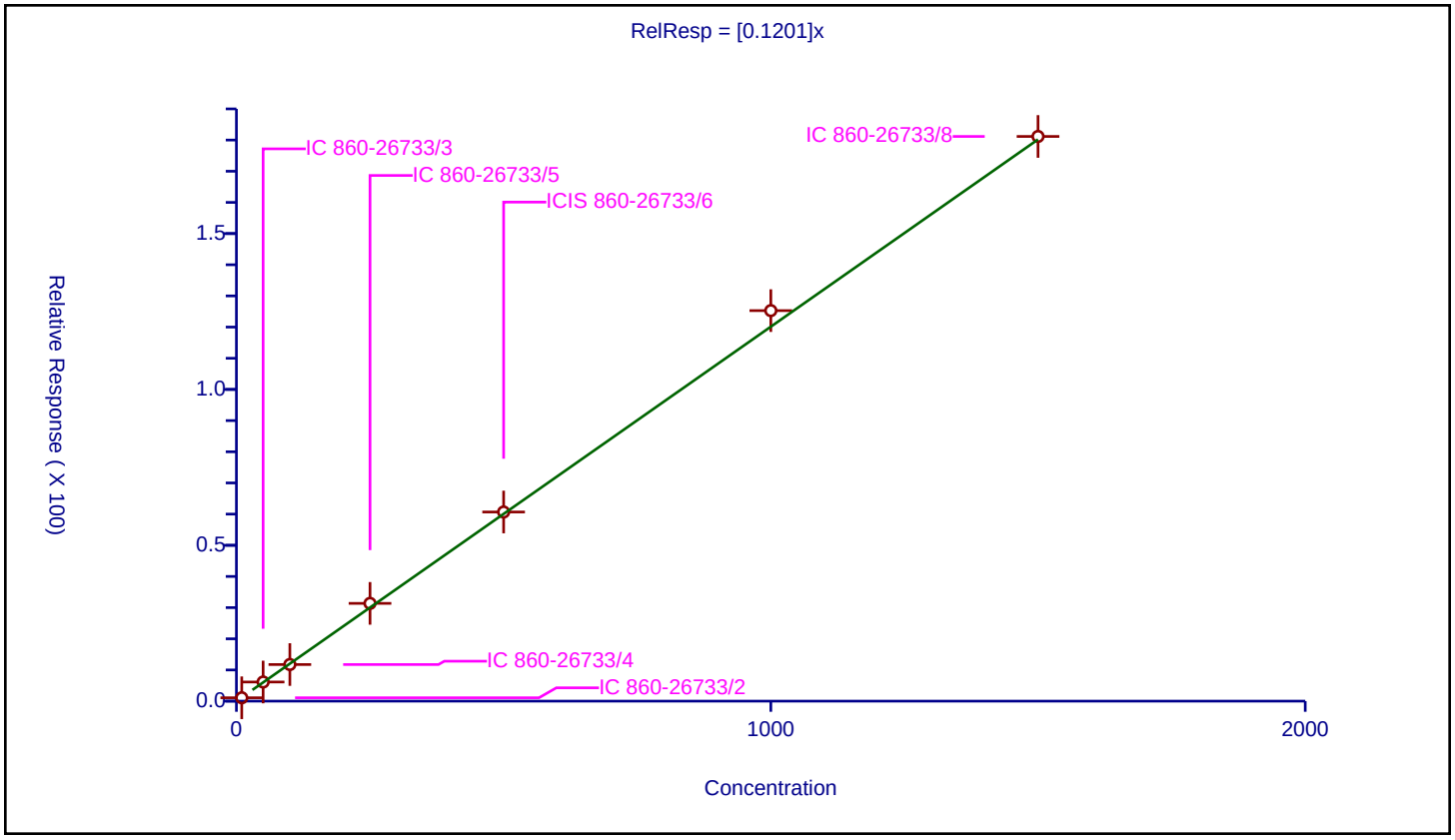
Curve Coefficients

Intercept:	0
Slope:	0.1201

Error Coefficients

Standard Error:	3290000
Relative Standard Error:	5.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	10.0	1.078004	50.0	1393130.0	0.1078	Y
2	IC 860-26733/3	50.0	6.137986	50.0	1361546.0	0.12276	Y
3	IC 860-26733/4	100.0	11.748704	50.0	1440078.0	0.117487	Y
4	IC 860-26733/5	250.0	31.362623	50.0	1540587.0	0.12545	Y
5	ICIS 860-26733/6	500.0	60.677195	50.0	1594370.0	0.121354	Y
6	IC 860-26733/7	1000.0	125.282461	50.0	1647662.0	0.125282	Y
7	IC 860-26733/8	1500.0	181.157499	50.0	1812891.0	0.120772	Y



Calibration / trans-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

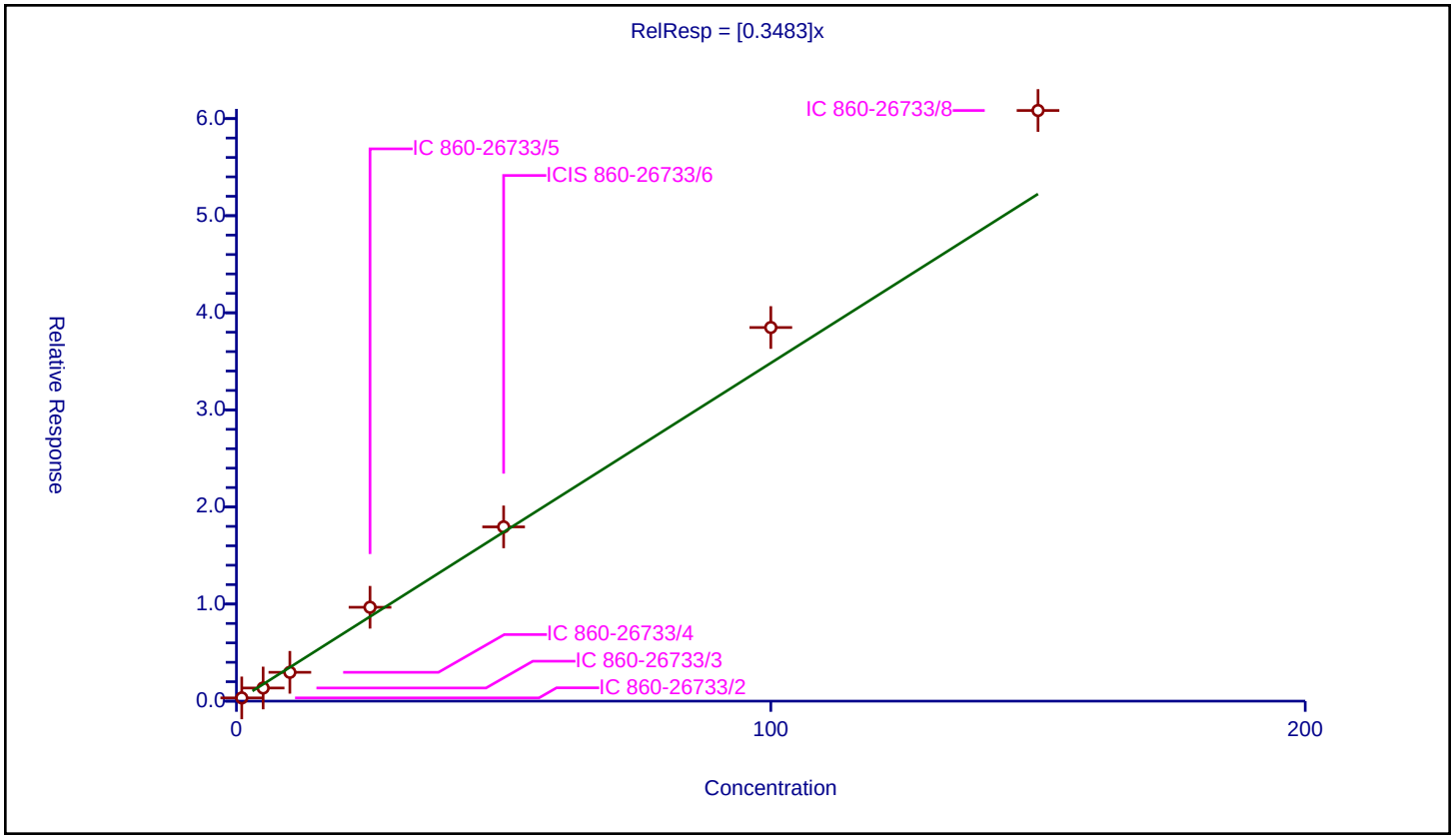
Curve Coefficients

Intercept:	0
Slope:	0.3483

Error Coefficients

Standard Error:	1070000
Relative Standard Error:	14.4
Correlation Coefficient:	0.991
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	0.333637	50.0	1393130.0	0.333637	Y
2	IC 860-26733/3	5.0	1.355041	50.0	1361546.0	0.271008	Y
3	IC 860-26733/4	10.0	2.970325	50.0	1440078.0	0.297033	Y
4	IC 860-26733/5	25.0	9.669691	50.0	1540587.0	0.386788	Y
5	ICIS 860-26733/6	50.0	17.948437	50.0	1594370.0	0.358969	Y
6	IC 860-26733/7	100.0	38.483196	50.0	1647662.0	0.384832	Y
7	IC 860-26733/8	150.0	60.835566	50.0	1812891.0	0.40557	Y



Calibration / Methyl tert-butyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

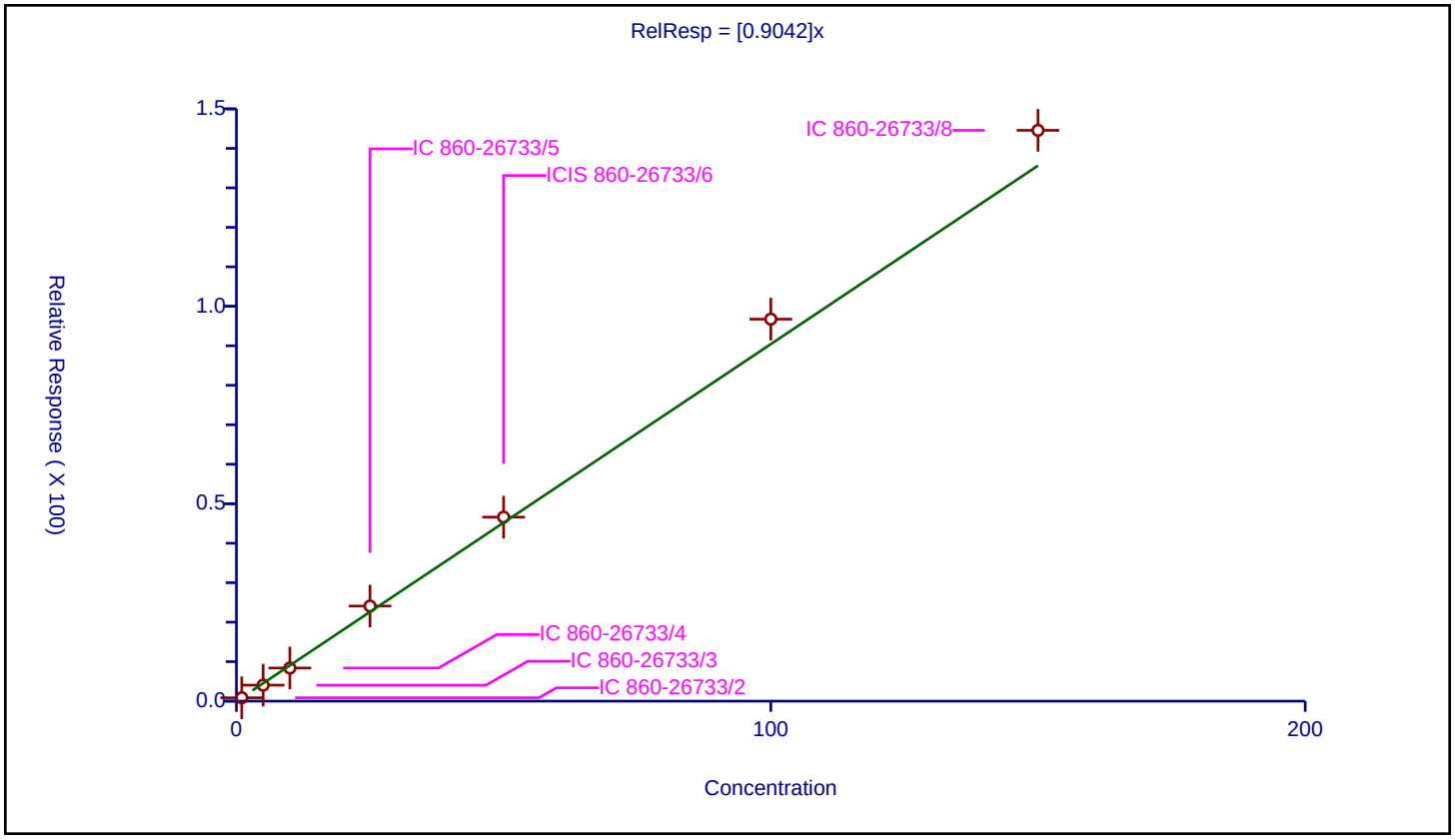
Curve Coefficients

Intercept:	0
Slope:	0.9042

Error Coefficients

Standard Error:	2600000
Relative Standard Error:	7.5
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	0.854802	50.0	1393130.0	0.854802	Y
2	IC 860-26733/3	5.0	4.048449	50.0	1361546.0	0.80969	Y
3	IC 860-26733/4	10.0	8.385171	50.0	1440078.0	0.838517	Y
4	IC 860-26733/5	25.0	24.079198	50.0	1540587.0	0.963168	Y
5	ICIS 860-26733/6	50.0	46.60035	50.0	1594370.0	0.932007	Y
6	IC 860-26733/7	100.0	96.752732	50.0	1647662.0	0.967527	Y
7	IC 860-26733/8	150.0	144.572123	50.0	1812891.0	0.963814	Y



Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

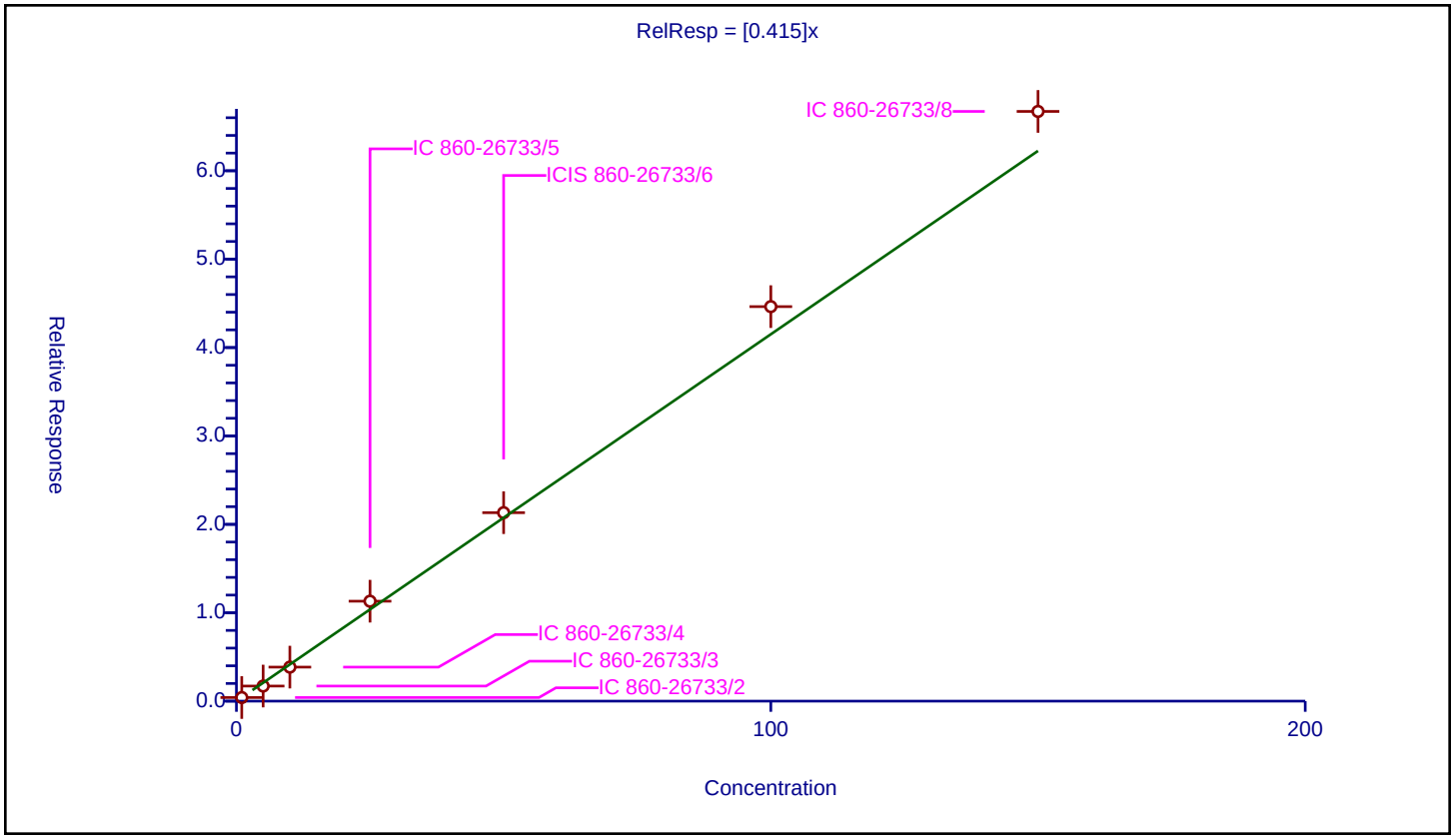
Curve Coefficients

Intercept:	0
Slope:	0.415

Error Coefficients

Standard Error:	1200000
Relative Standard Error:	9.7
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	0.408863	50.0	1393130.0	0.408863	Y
2	IC 860-26733/3	5.0	1.707728	50.0	1361546.0	0.341546	Y
3	IC 860-26733/4	10.0	3.84941	50.0	1440078.0	0.384941	Y
4	IC 860-26733/5	25.0	11.305885	50.0	1540587.0	0.452235	Y
5	ICIS 860-26733/6	50.0	21.321588	50.0	1594370.0	0.426432	Y
6	IC 860-26733/7	100.0	44.631939	50.0	1647662.0	0.446319	Y
7	IC 860-26733/8	150.0	66.713139	50.0	1812891.0	0.444754	Y



Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

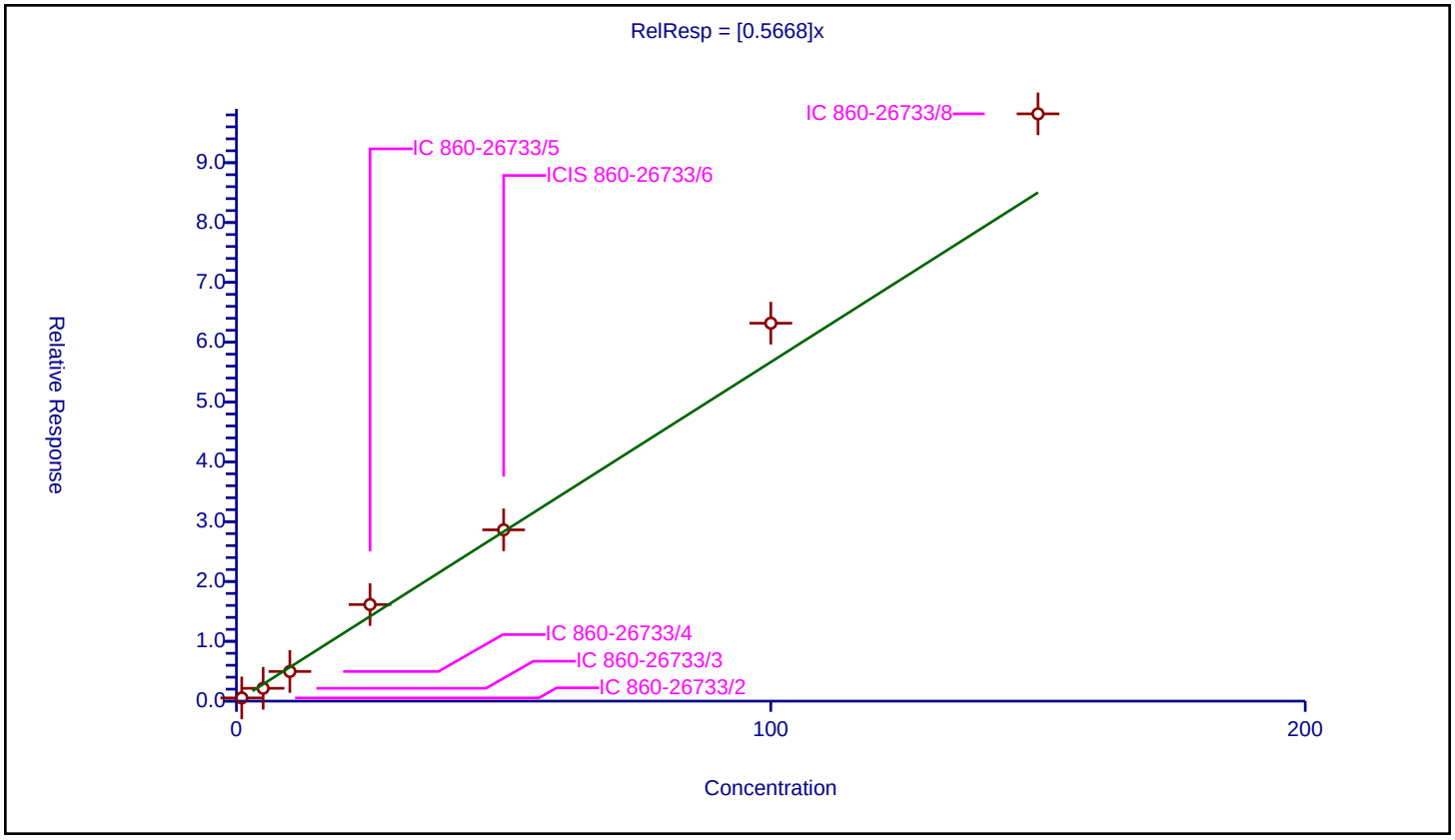
Curve Coefficients

Intercept:	0
Slope:	0.5668

Error Coefficients

Standard Error:	1740000
Relative Standard Error:	14.9
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	0.537674	50.0	1393130.0	0.537674	Y
2	IC 860-26733/3	5.0	2.146861	50.0	1361546.0	0.429372	Y
3	IC 860-26733/4	10.0	4.958412	50.0	1440078.0	0.495841	Y
4	IC 860-26733/5	25.0	16.144885	50.0	1540587.0	0.645795	Y
5	ICIS 860-26733/6	50.0	28.632846	50.0	1594370.0	0.572657	Y
6	IC 860-26733/7	100.0	63.17658	50.0	1647662.0	0.631766	Y
7	IC 860-26733/8	150.0	98.171787	50.0	1812891.0	0.654479	Y



Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

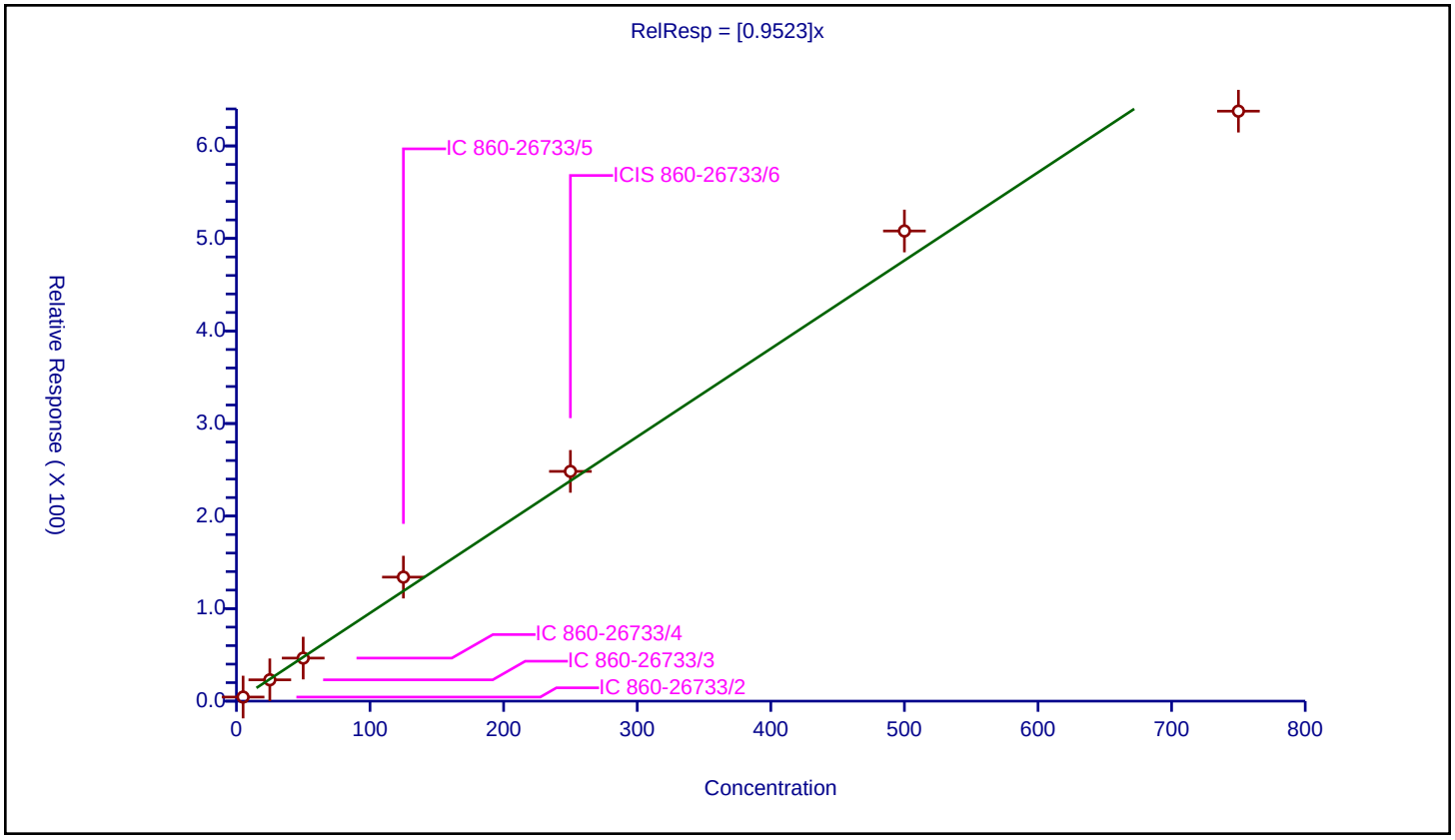
Curve Coefficients

Intercept:	0
Slope:	0.9523

Error Coefficients

Standard Error:	12200000
Relative Standard Error:	8.2
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	5.0	4.415417	50.0	1393130.0	0.883083	Y
2	IC 860-26733/3	25.0	23.037709	50.0	1361546.0	0.921508	Y
3	IC 860-26733/4	50.0	46.513071	50.0	1440078.0	0.930261	Y
4	IC 860-26733/5	125.0	134.024855	50.0	1540587.0	1.072199	Y
5	ICIS 860-26733/6	250.0	248.272233	50.0	1594370.0	0.993089	Y
6	IC 860-26733/7	500.0	508.072469	50.0	1647662.0	1.016145	Y
7	IC 860-26733/8	750.0	637.562738	50.0	1812891.0	0.850084	Y



Calibration / 2-Chloro-1,3-butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

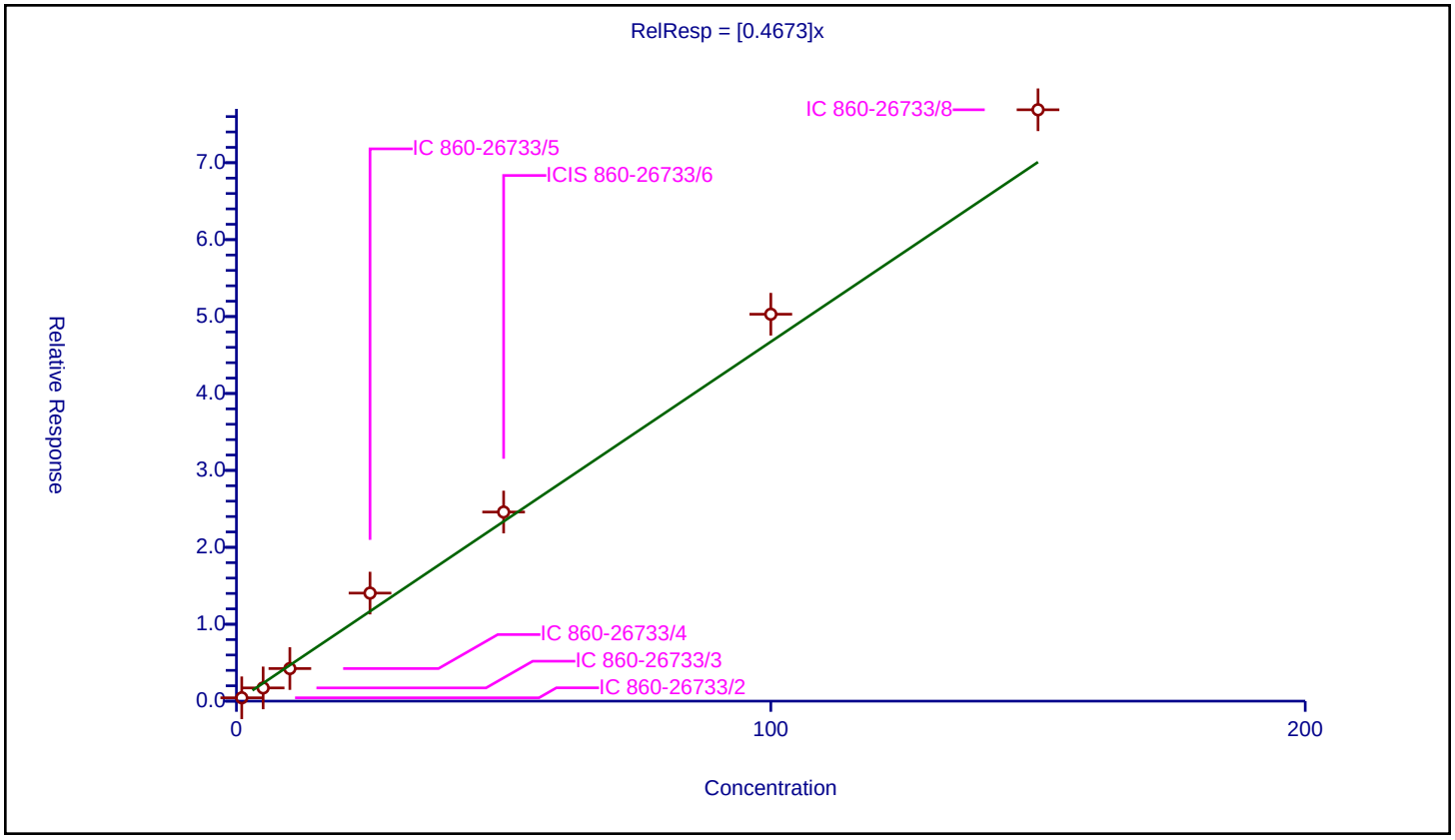
Curve Coefficients

Intercept:	0
Slope:	0.4673

Error Coefficients

Standard Error:	1370000
Relative Standard Error:	15.4
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	0.434166	50.0	1393130.0	0.434166	Y
2	IC 860-26733/3	5.0	1.718488	50.0	1361546.0	0.343698	Y
3	IC 860-26733/4	10.0	4.236854	50.0	1440078.0	0.423685	Y
4	IC 860-26733/5	25.0	14.045458	50.0	1540587.0	0.561818	Y
5	ICIS 860-26733/6	50.0	24.587674	50.0	1594370.0	0.491753	Y
6	IC 860-26733/7	100.0	50.305342	50.0	1647662.0	0.503053	Y
7	IC 860-26733/8	150.0	76.887193	50.0	1812891.0	0.512581	Y



Calibration / Isopropyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

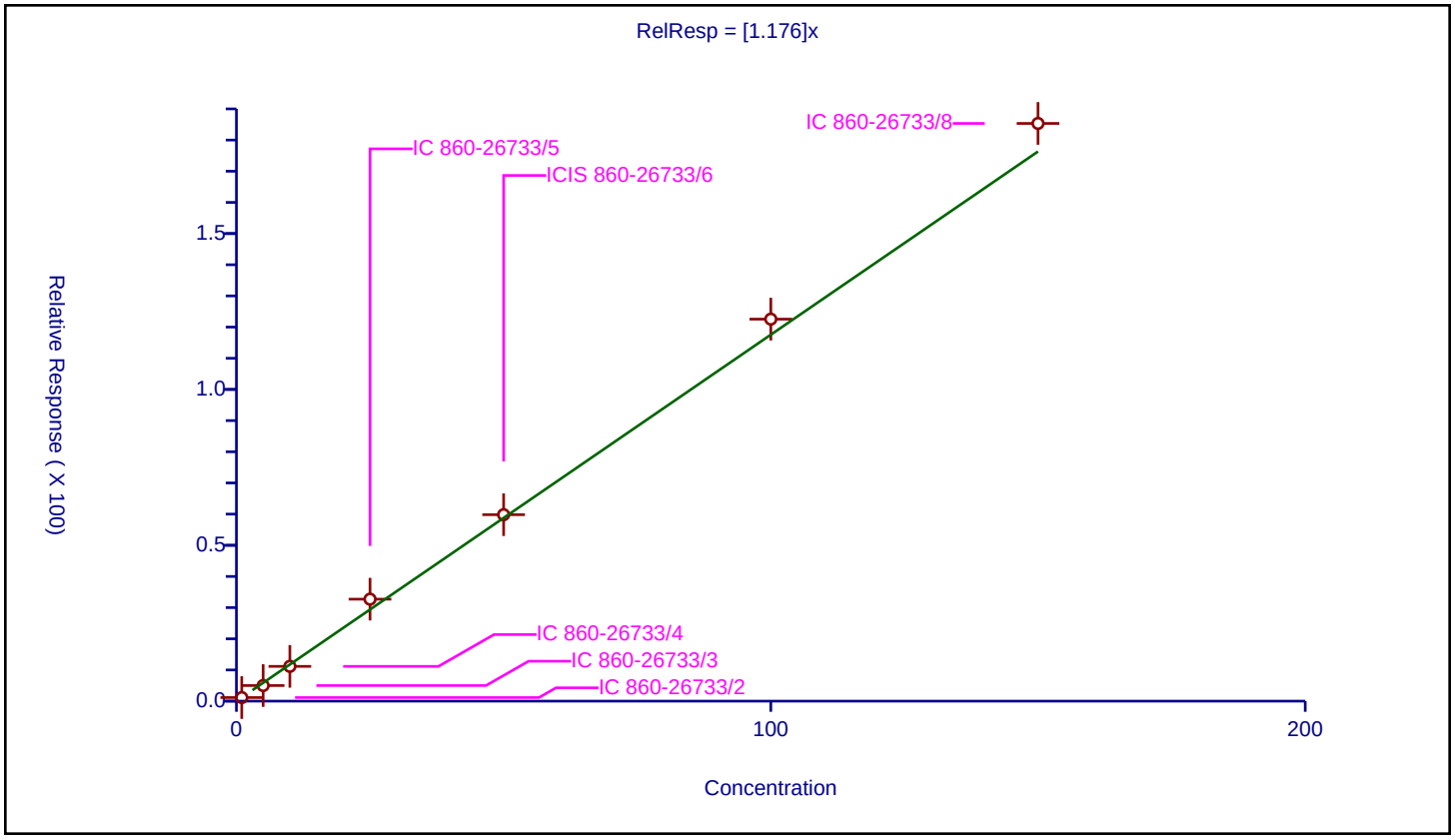
Curve Coefficients

Intercept:	0
Slope:	1.176

Error Coefficients

Standard Error:	3320000
Relative Standard Error:	8.5
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	1.147847	50.0	1393130.0	1.147847	Y
2	IC 860-26733/3	5.0	4.998546	50.0	1361546.0	0.999709	Y
3	IC 860-26733/4	10.0	11.155194	50.0	1440078.0	1.115519	Y
4	IC 860-26733/5	25.0	32.71133	50.0	1540587.0	1.308453	Y
5	ICIS 860-26733/6	50.0	59.814848	50.0	1594370.0	1.196297	Y
6	IC 860-26733/7	100.0	122.545856	50.0	1647662.0	1.225459	Y
7	IC 860-26733/8	150.0	185.330916	50.0	1812891.0	1.235539	Y



Calibration / Tert-butyl ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

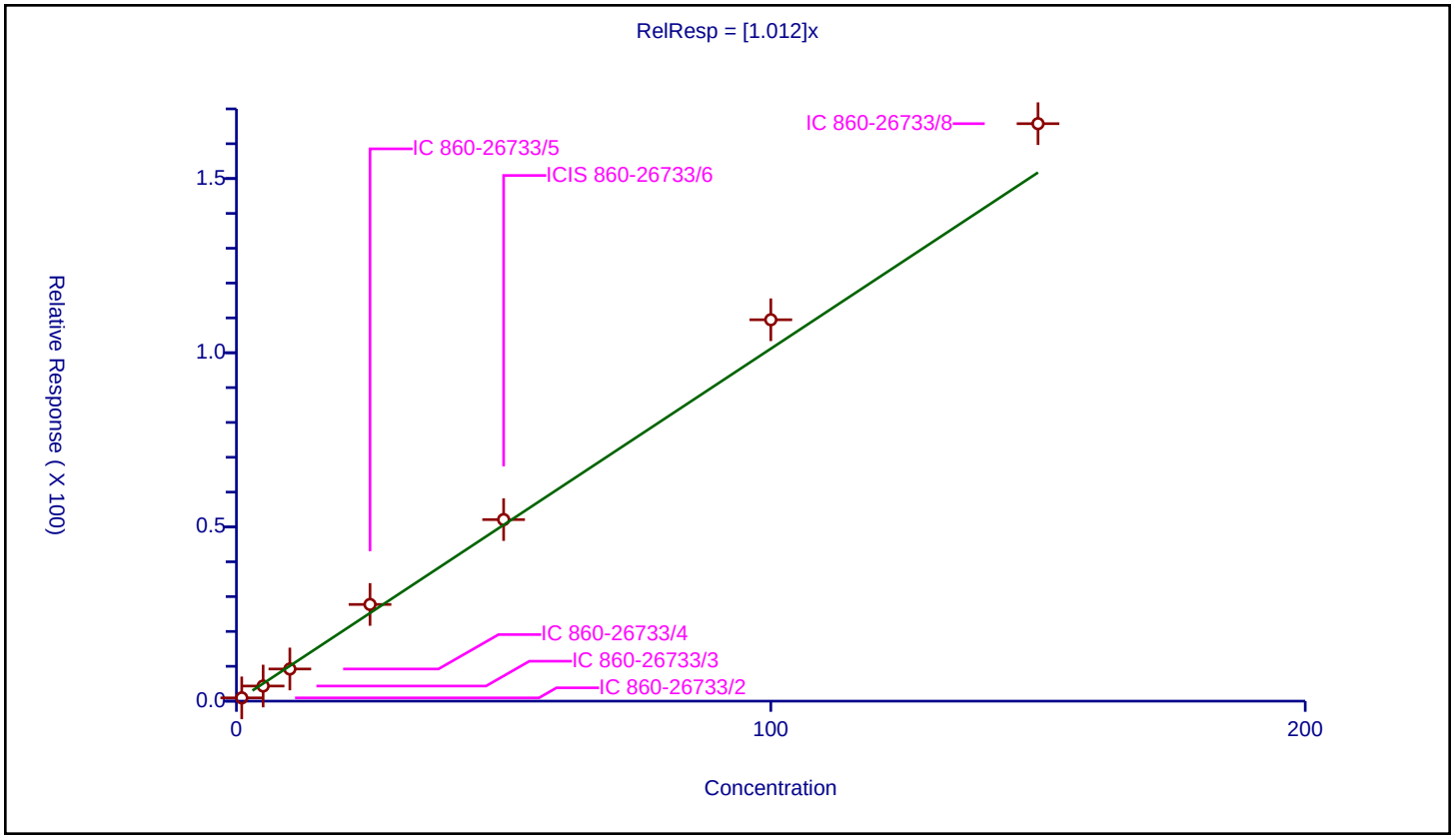
Curve Coefficients

Intercept:	0
Slope:	1.012

Error Coefficients

Standard Error:	2960000
Relative Standard Error:	9.9
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	0.938103	50.0	1393130.0	0.938103	Y
2	IC 860-26733/3	5.0	4.34003	50.0	1361546.0	0.868006	Y
3	IC 860-26733/4	10.0	9.22884	50.0	1440078.0	0.922884	Y
4	IC 860-26733/5	25.0	27.758348	50.0	1540587.0	1.110334	Y
5	ICIS 860-26733/6	50.0	52.11212	50.0	1594370.0	1.042242	Y
6	IC 860-26733/7	100.0	109.474698	50.0	1647662.0	1.094747	Y
7	IC 860-26733/8	150.0	165.758173	50.0	1812891.0	1.105054	Y



Calibration / 2,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

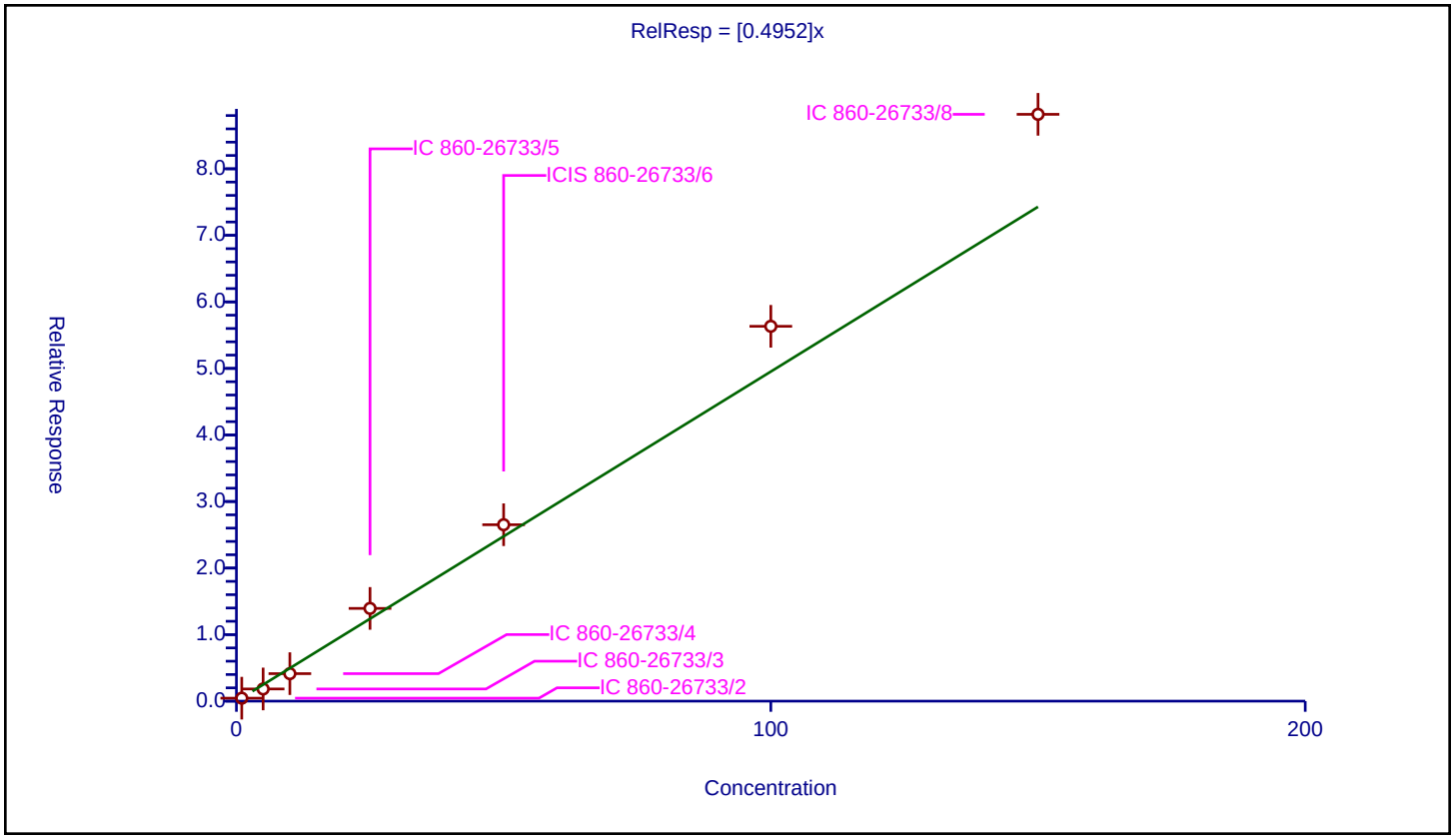
Curve Coefficients

Intercept:	0
Slope:	0.4952

Error Coefficients

Standard Error:	1560000
Relative Standard Error:	17.3
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.969

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	0.447948	50.0	1393130.0	0.447948	Y
2	IC 860-26733/3	5.0	1.832623	50.0	1361546.0	0.366525	Y
3	IC 860-26733/4	10.0	4.133734	50.0	1440078.0	0.413373	Y
4	IC 860-26733/5	25.0	13.934851	50.0	1540587.0	0.557394	Y
5	ICIS 860-26733/6	50.0	26.511412	50.0	1594370.0	0.530228	Y
6	IC 860-26733/7	100.0	56.33006	50.0	1647662.0	0.563301	Y
7	IC 860-26733/8	150.0	88.181998	50.0	1812891.0	0.58788	Y



Calibration / cis-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

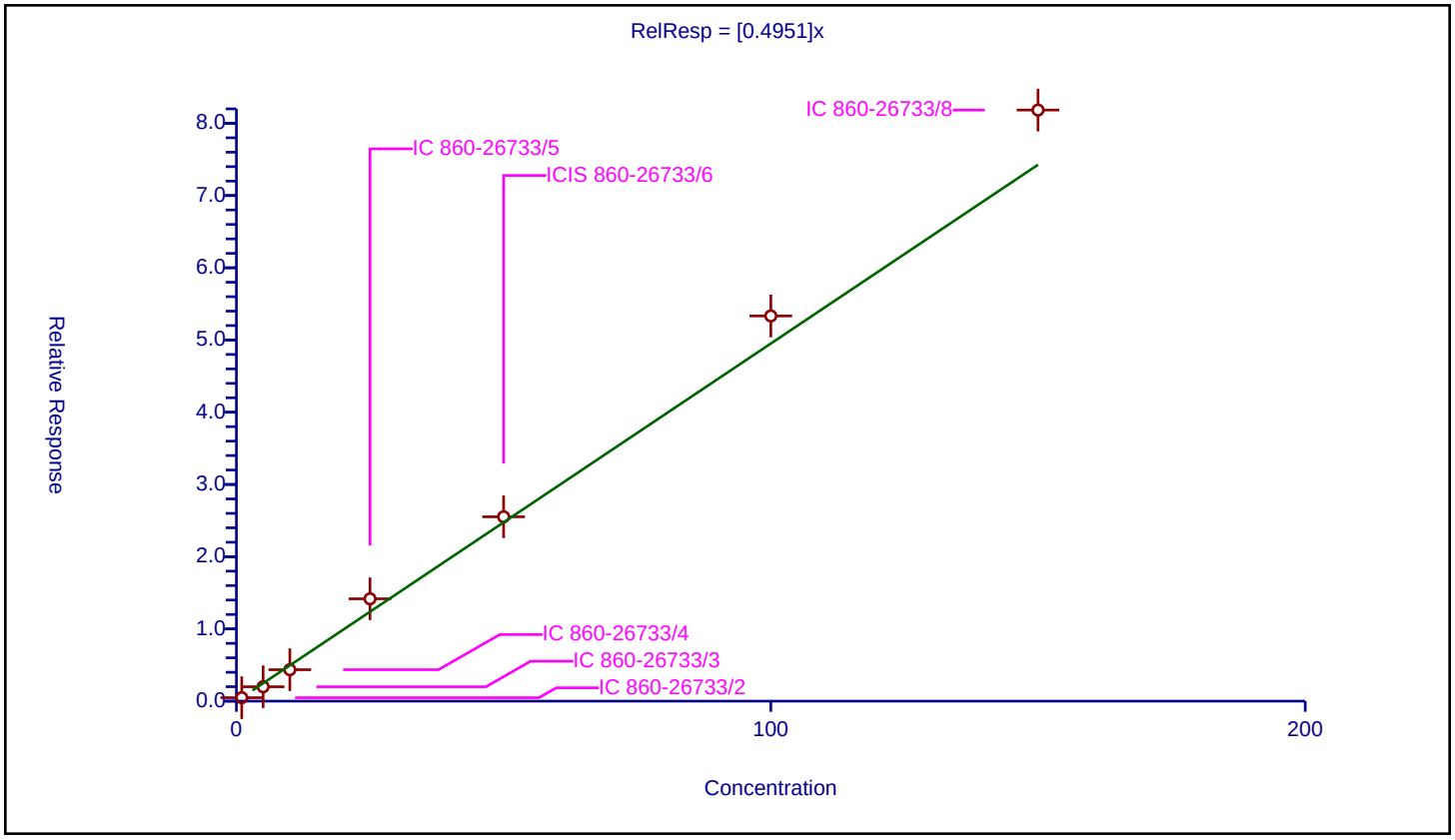
Curve Coefficients

Intercept:	0
Slope:	0.4951

Error Coefficients

Standard Error:	1460000
Relative Standard Error:	12.4
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	0.476014	50.0	1393130.0	0.476014	Y
2	IC 860-26733/3	5.0	1.992257	50.0	1361546.0	0.398451	Y
3	IC 860-26733/4	10.0	4.351813	50.0	1440078.0	0.435181	Y
4	IC 860-26733/5	25.0	14.168139	50.0	1540587.0	0.566726	Y
5	ICIS 860-26733/6	50.0	25.523937	50.0	1594370.0	0.510479	Y
6	IC 860-26733/7	100.0	53.333693	50.0	1647662.0	0.533337	Y
7	IC 860-26733/8	150.0	81.837711	50.0	1812891.0	0.545585	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

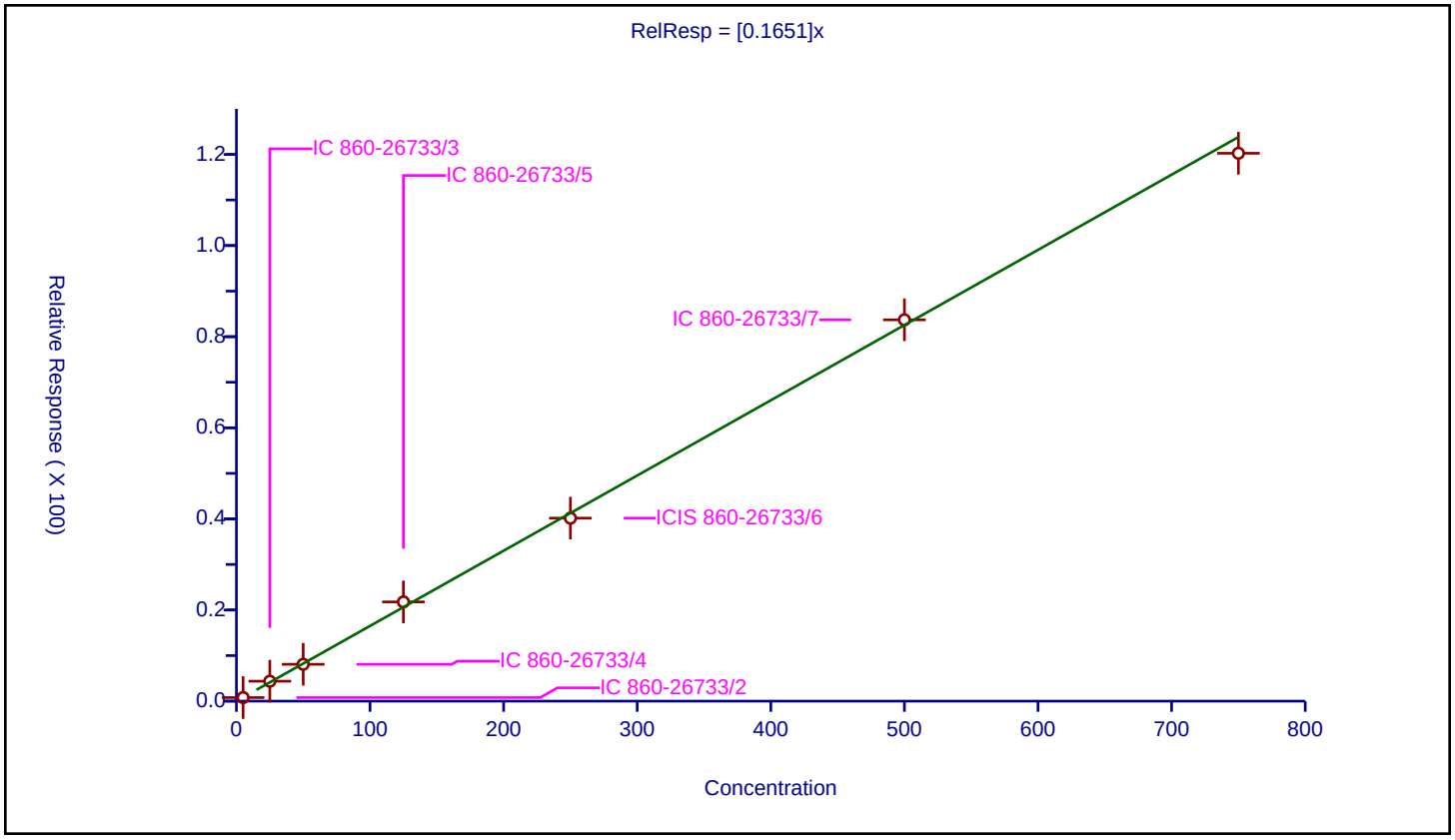
Curve Coefficients

Intercept:	0
Slope:	0.1651

Error Coefficients

Standard Error:	2190000
Relative Standard Error:	4.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	5.0	0.780939	50.0	1393130.0	0.156188	Y
2	IC 860-26733/3	25.0	4.37297	50.0	1361546.0	0.174919	Y
3	IC 860-26733/4	50.0	8.09109	50.0	1440078.0	0.161822	Y
4	IC 860-26733/5	125.0	21.779491	50.0	1540587.0	0.174236	Y
5	ICIS 860-26733/6	250.0	40.168029	50.0	1594370.0	0.160672	Y
6	IC 860-26733/7	500.0	83.701967	50.0	1647662.0	0.167404	Y
7	IC 860-26733/8	750.0	120.257285	50.0	1812891.0	0.160343	Y



Calibration / Ethyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

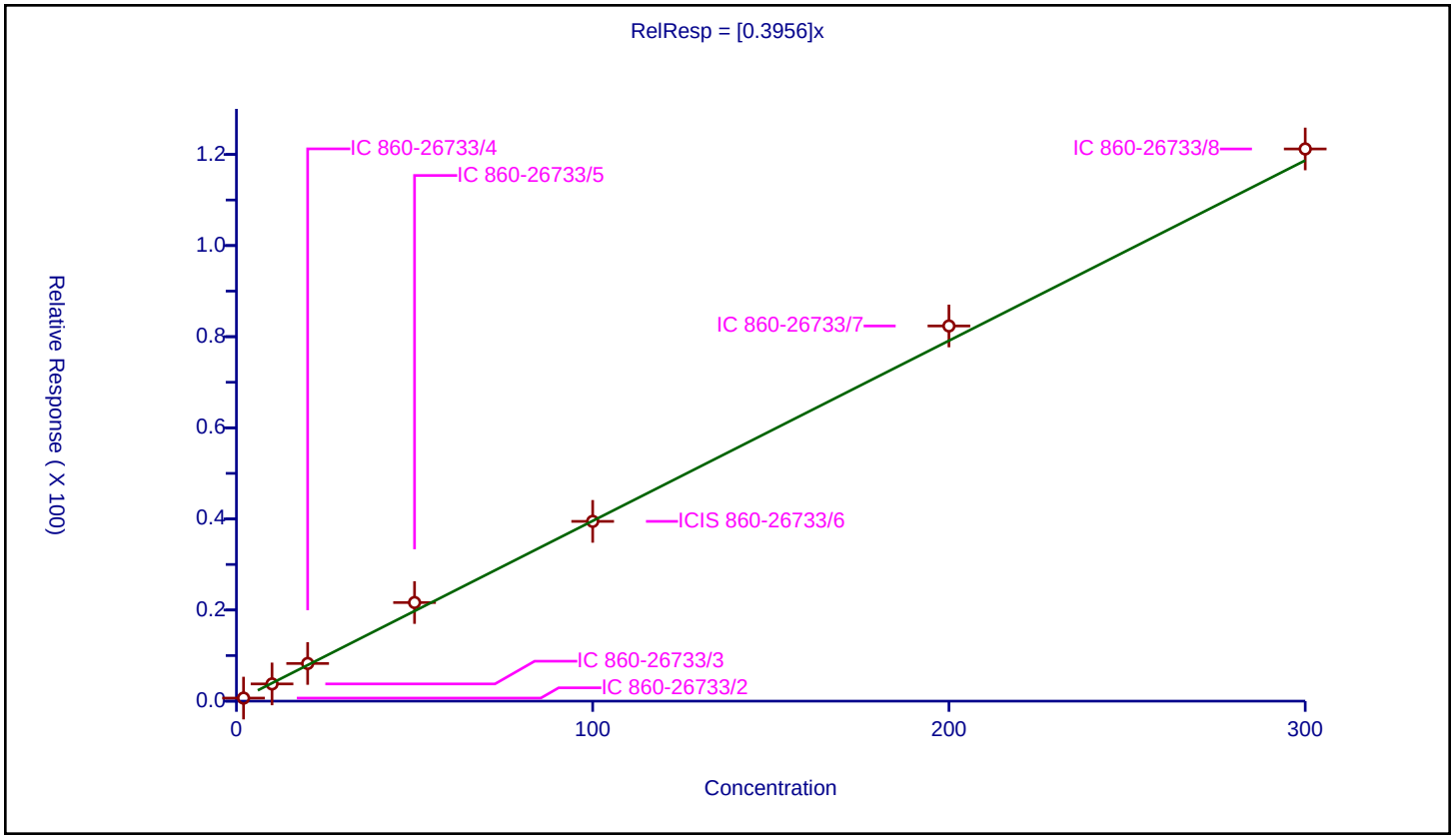
Curve Coefficients

Intercept:	0
Slope:	0.3956

Error Coefficients

Standard Error:	2190000
Relative Standard Error:	8.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	2.0	0.669392	50.0	1393130.0	0.334696	Y
2	IC 860-26733/3	10.0	3.778976	50.0	1361546.0	0.377898	Y
3	IC 860-26733/4	20.0	8.269274	50.0	1440078.0	0.413464	Y
4	IC 860-26733/5	50.0	21.643049	50.0	1540587.0	0.432861	Y
5	ICIS 860-26733/6	100.0	39.459348	50.0	1594370.0	0.394593	Y
6	IC 860-26733/7	200.0	82.355513	50.0	1647662.0	0.411778	Y
7	IC 860-26733/8	300.0	121.206074	50.0	1812891.0	0.40402	Y



Calibration / Propionitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

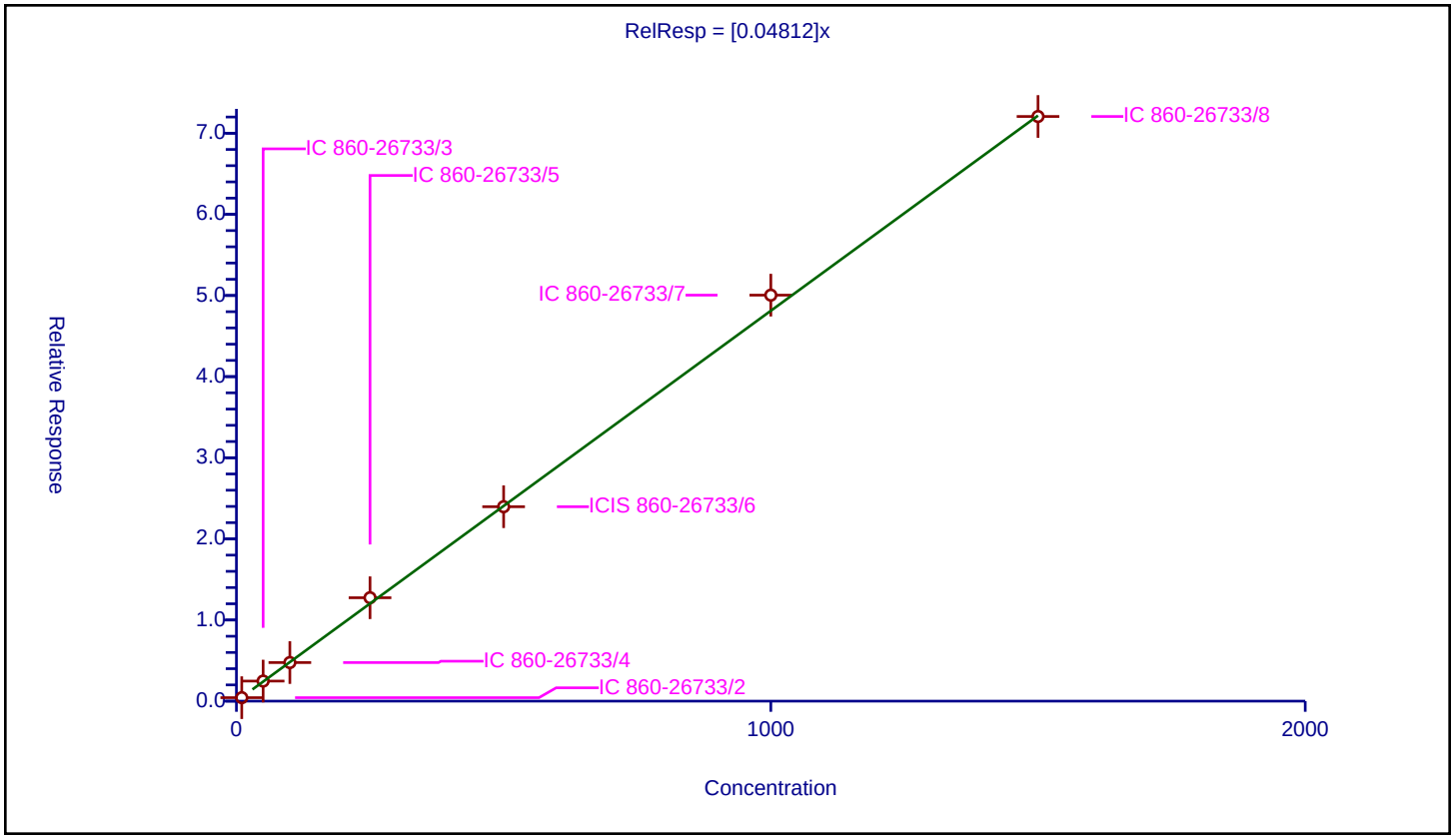
Curve Coefficients

Intercept:	0
Slope:	0.04812

Error Coefficients

Standard Error:	1310000
Relative Standard Error:	5.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	10.0	0.428065	50.0	1393130.0	0.042806	Y
2	IC 860-26733/3	50.0	2.473034	50.0	1361546.0	0.049461	Y
3	IC 860-26733/4	100.0	4.755854	50.0	1440078.0	0.047559	Y
4	IC 860-26733/5	250.0	12.744363	50.0	1540587.0	0.050977	Y
5	ICIS 860-26733/6	500.0	23.962067	50.0	1594370.0	0.047924	Y
6	IC 860-26733/7	1000.0	50.041544	50.0	1647662.0	0.050042	Y
7	IC 860-26733/8	1500.0	72.06553	50.0	1812891.0	0.048044	Y



Calibration / Chlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

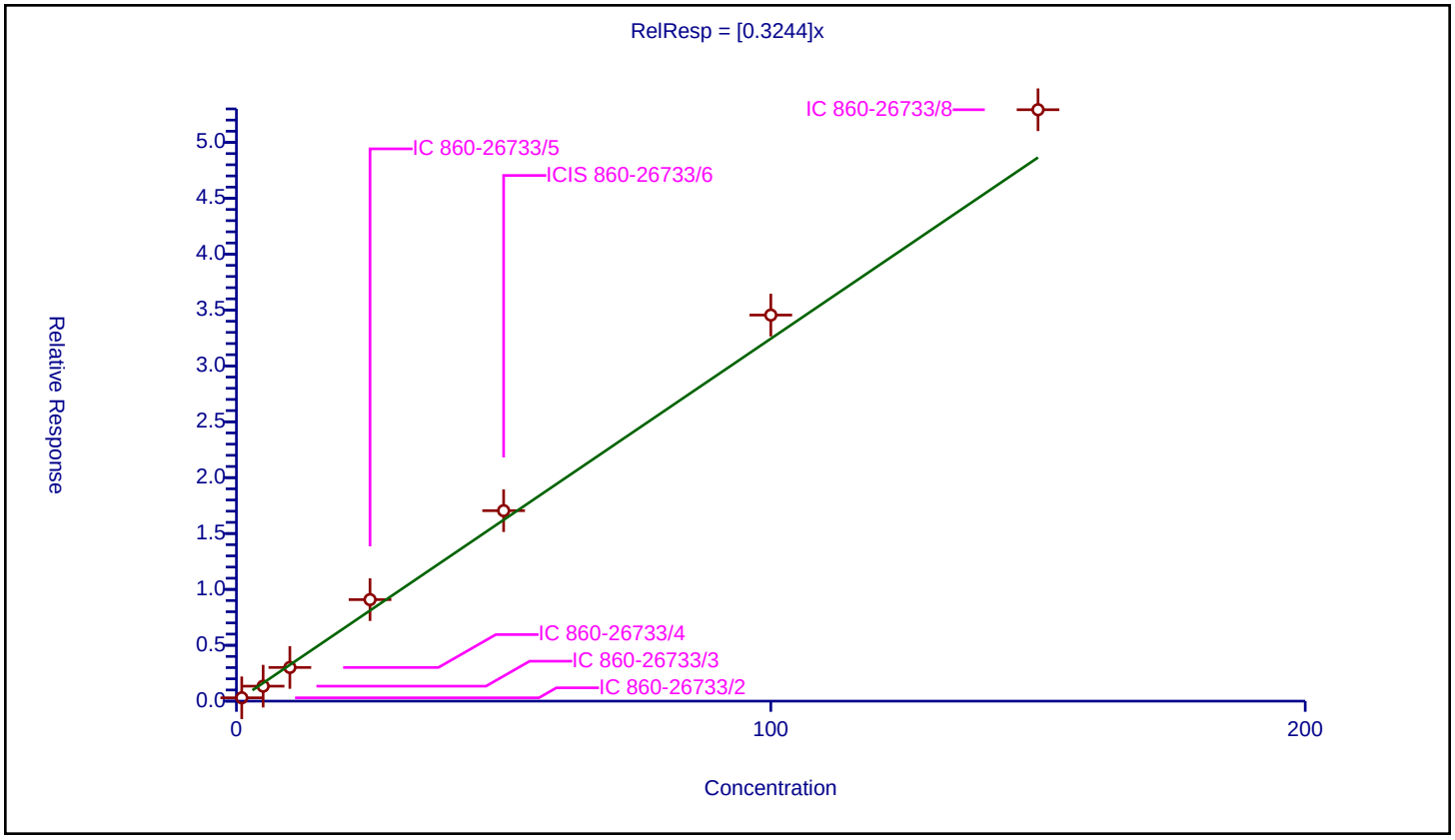
Curve Coefficients

Intercept:	0
Slope:	0.3244

Error Coefficients

Standard Error:	945000
Relative Standard Error:	10.8
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	0.2985	50.0	1393130.0	0.2985	Y
2	IC 860-26733/3	5.0	1.340278	50.0	1361546.0	0.268056	Y
3	IC 860-26733/4	10.0	3.013552	50.0	1440078.0	0.301355	Y
4	IC 860-26733/5	25.0	9.083875	50.0	1540587.0	0.363355	Y
5	ICIS 860-26733/6	50.0	17.044318	50.0	1594370.0	0.340886	Y
6	IC 860-26733/7	100.0	34.549228	50.0	1647662.0	0.345492	Y
7	IC 860-26733/8	150.0	52.926183	50.0	1812891.0	0.352841	Y



Calibration / Methacrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

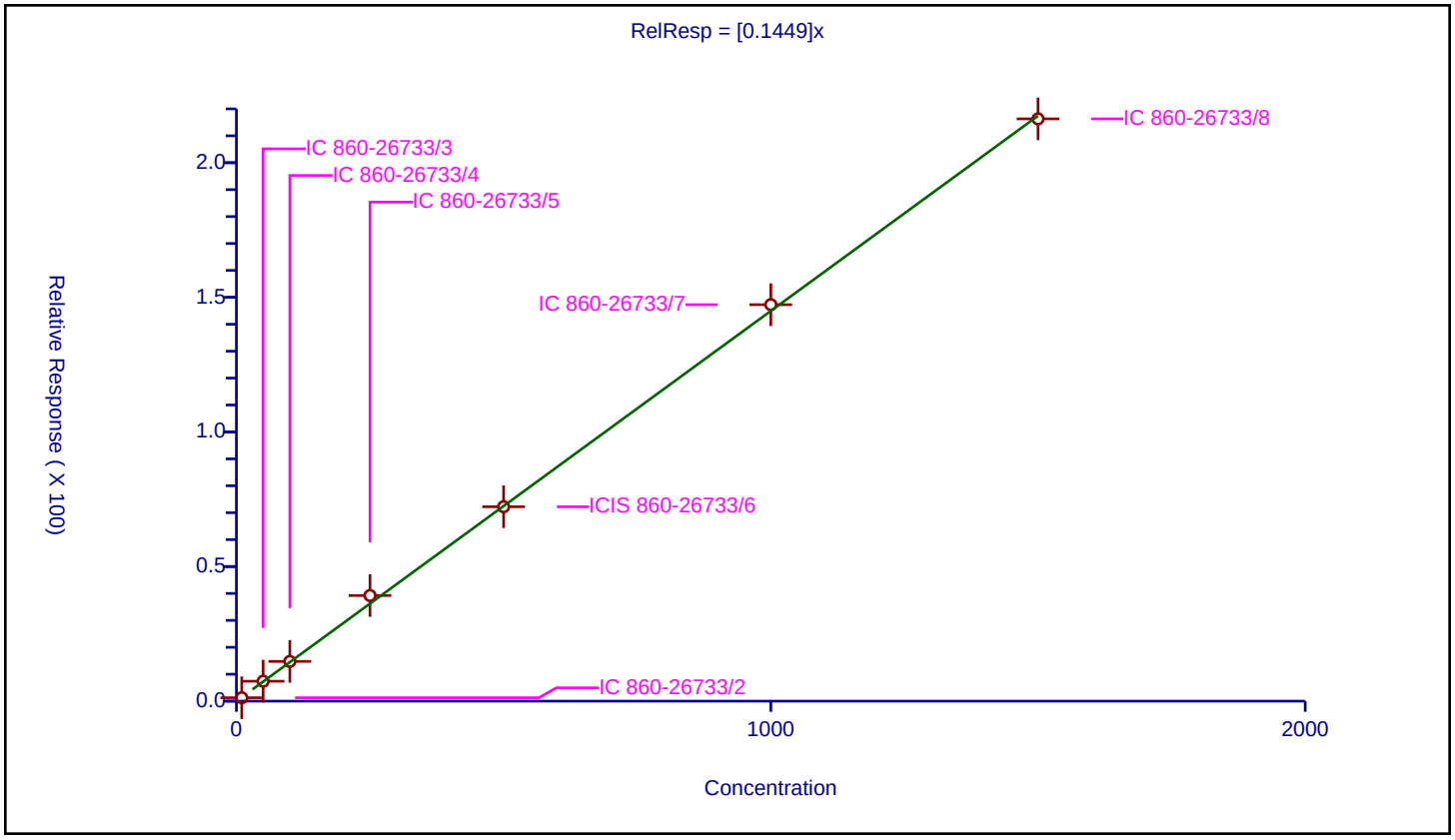
Curve Coefficients

Intercept:	0
Slope:	0.1449

Error Coefficients

Standard Error:	3920000
Relative Standard Error:	6.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	10.0	1.262589	50.0	1393130.0	0.126259	Y
2	IC 860-26733/3	50.0	7.397436	50.0	1361546.0	0.147949	Y
3	IC 860-26733/4	100.0	14.759548	50.0	1440078.0	0.147595	Y
4	IC 860-26733/5	250.0	39.233682	50.0	1540587.0	0.156935	Y
5	ICIS 860-26733/6	500.0	72.212034	50.0	1594370.0	0.144424	Y
6	IC 860-26733/7	1000.0	147.269434	50.0	1647662.0	0.147269	Y
7	IC 860-26733/8	1500.0	216.285342	50.0	1812891.0	0.14419	Y



Calibration / Tetrahydrofuran

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

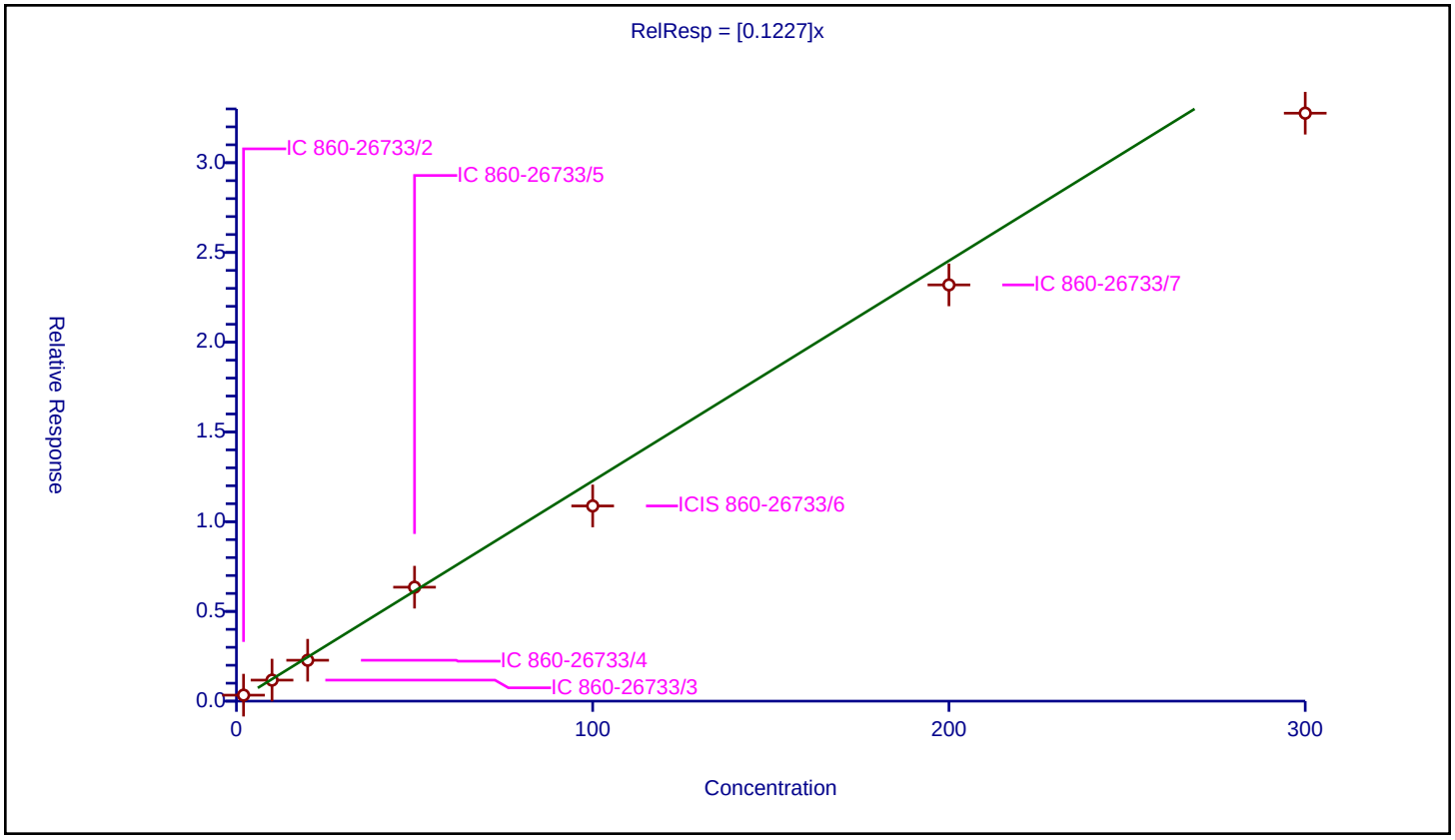
Curve Coefficients

Intercept:	0
Slope:	0.1227

Error Coefficients

Standard Error:	600000
Relative Standard Error:	16.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.962

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	2.0	0.333817	50.0	1393130.0	0.166908	Y
2	IC 860-26733/3	10.0	1.171426	50.0	1361546.0	0.117143	Y
3	IC 860-26733/4	20.0	2.278002	50.0	1440078.0	0.1139	Y
4	IC 860-26733/5	50.0	6.349593	50.0	1540587.0	0.126992	Y
5	ICIS 860-26733/6	100.0	10.875424	50.0	1594370.0	0.108754	Y
6	IC 860-26733/7	200.0	23.193865	50.0	1647662.0	0.115969	Y
7	IC 860-26733/8	300.0	32.760795	50.0	1812891.0	0.109203	Y



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

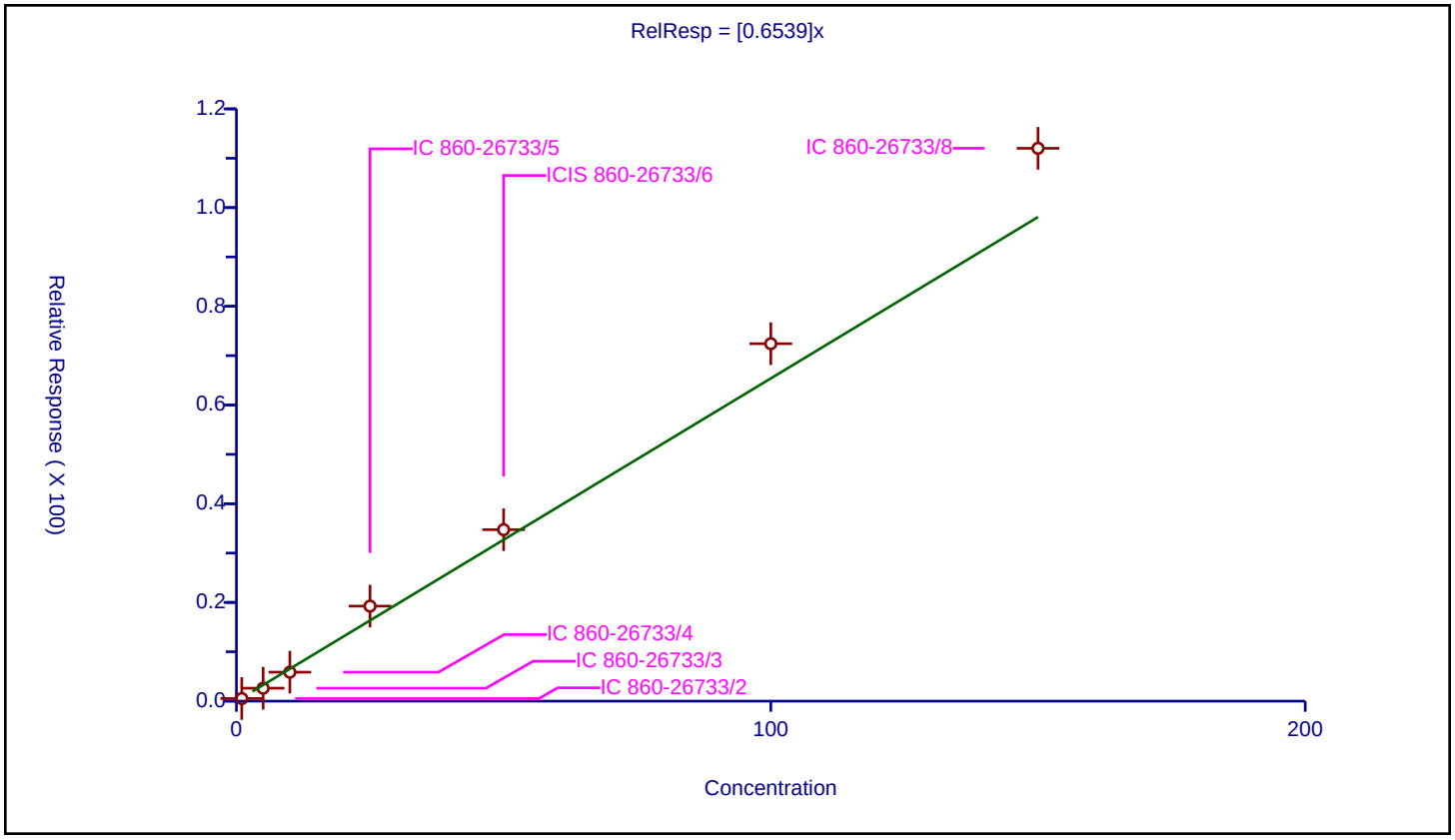
Curve Coefficients

Intercept:	0
Slope:	0.6539

Error Coefficients

Standard Error:	1990000
Relative Standard Error:	16.0
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.974

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	0.529025	50.0	1393130.0	0.529025	Y
2	IC 860-26733/3	5.0	2.627601	50.0	1361546.0	0.52552	Y
3	IC 860-26733/4	10.0	5.869404	50.0	1440078.0	0.58694	Y
4	IC 860-26733/5	25.0	19.252564	50.0	1540587.0	0.770103	Y
5	ICIS 860-26733/6	50.0	34.74018	50.0	1594370.0	0.694804	Y
6	IC 860-26733/7	100.0	72.424047	50.0	1647662.0	0.72424	Y
7	IC 860-26733/8	150.0	112.013546	50.0	1812891.0	0.746757	Y



Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

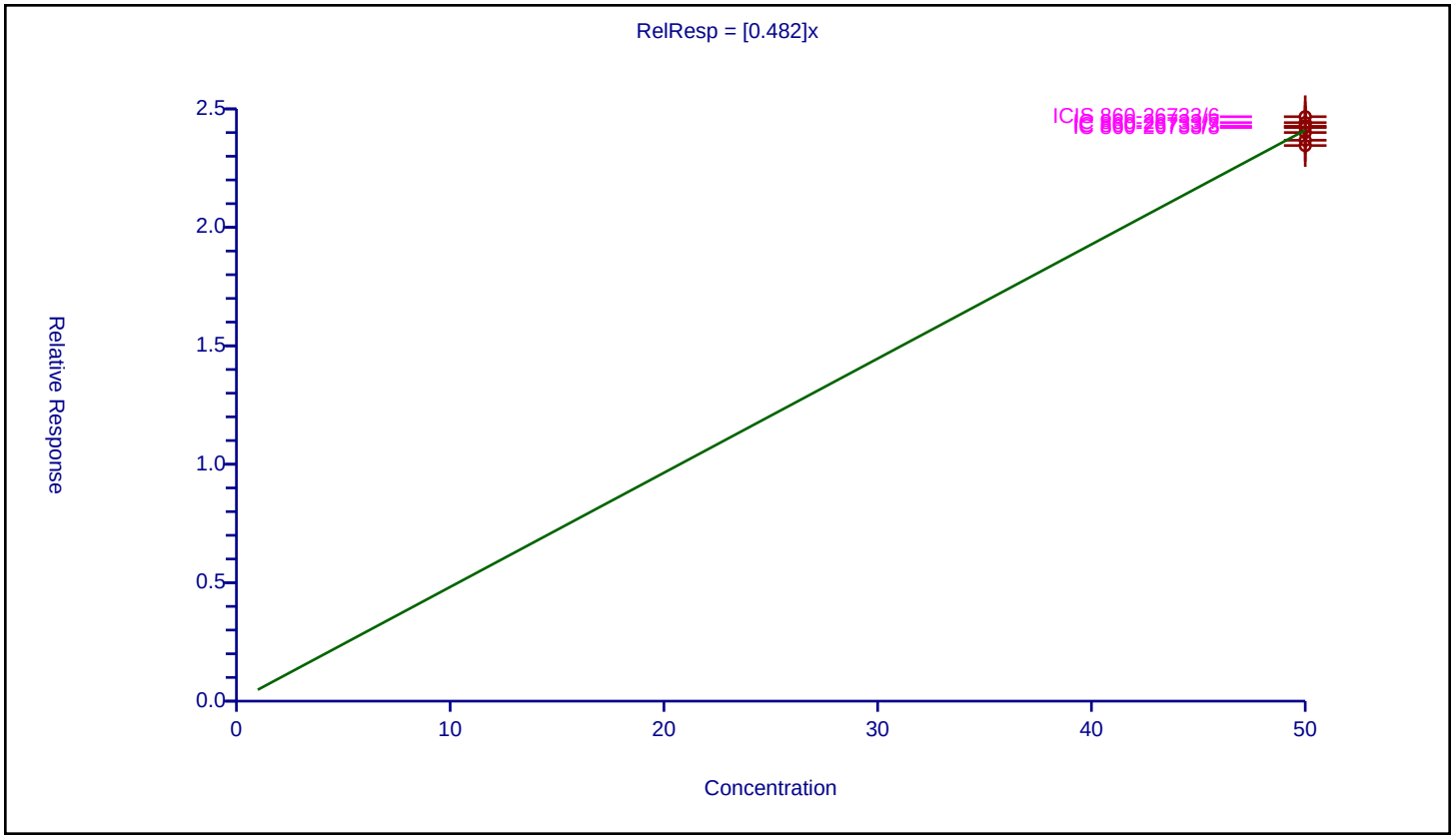
Curve Coefficients

Intercept:	0
Slope:	0.482

Error Coefficients

Standard Error:	807000
Relative Standard Error:	1.8
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	50.0	23.676505	50.0	1393130.0	0.47353	Y
2	IC 860-26733/3	50.0	24.265908	50.0	1361546.0	0.485318	Y
3	IC 860-26733/4	50.0	23.452445	50.0	1440078.0	0.469049	Y
4	IC 860-26733/5	50.0	24.003123	50.0	1540587.0	0.480062	Y
5	ICIS 860-26733/6	50.0	24.670465	50.0	1594370.0	0.493409	Y
6	IC 860-26733/7	50.0	24.420482	50.0	1647662.0	0.48841	Y
7	IC 860-26733/8	50.0	24.211163	50.0	1812891.0	0.484223	Y



Calibration / 1,1,1-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

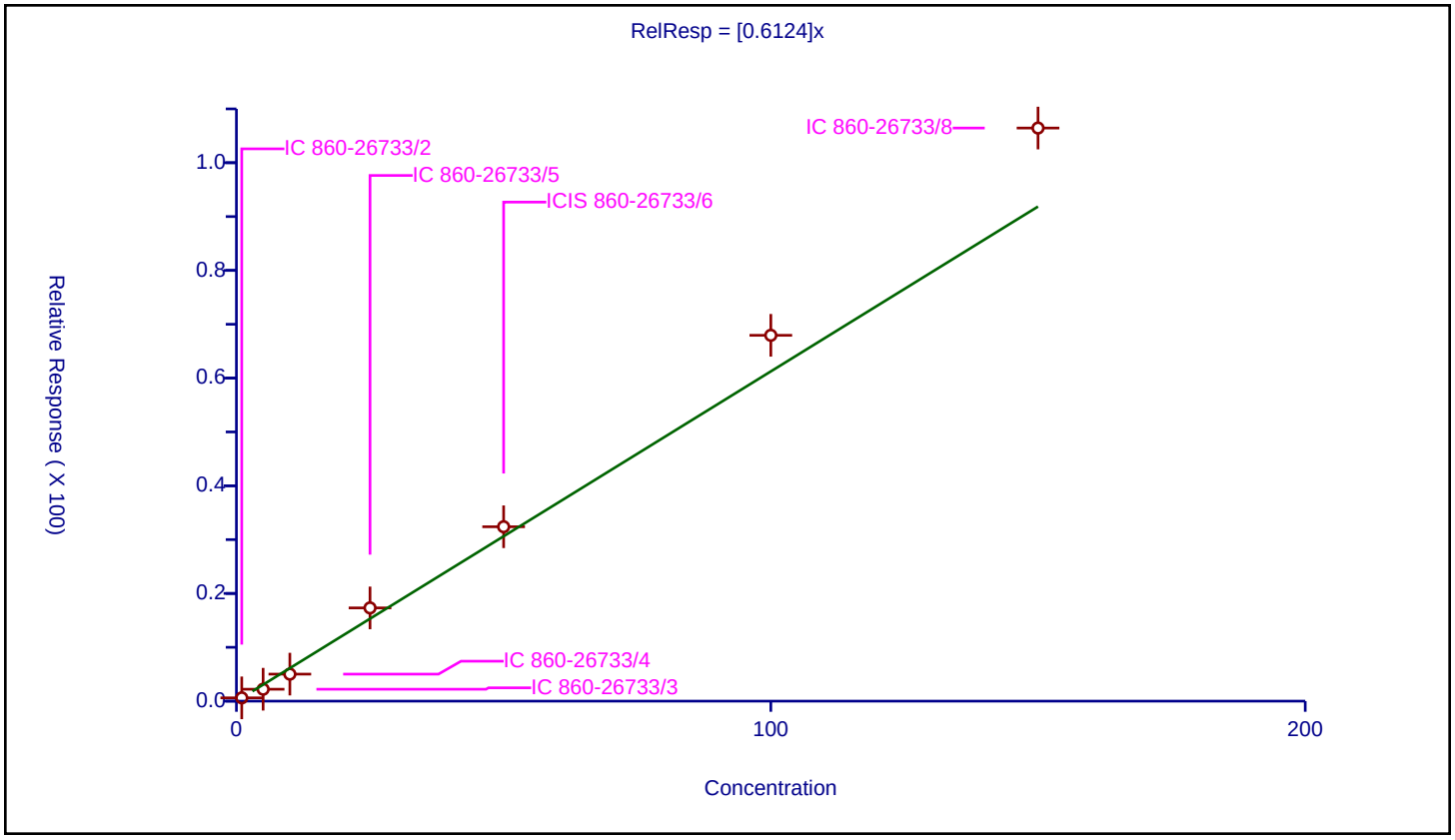
Curve Coefficients

Intercept:	0
Slope:	0.6124

Error Coefficients

Standard Error:	1880000
Relative Standard Error:	16.7
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.970

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	0.612757	50.0	1393130.0	0.612757	Y
2	IC 860-26733/3	5.0	2.212411	50.0	1361546.0	0.442482	Y
3	IC 860-26733/4	10.0	5.020284	50.0	1440078.0	0.502028	Y
4	IC 860-26733/5	25.0	17.318269	50.0	1540587.0	0.692731	Y
5	ICIS 860-26733/6	50.0	32.391666	50.0	1594370.0	0.647833	Y
6	IC 860-26733/7	100.0	67.944791	50.0	1647662.0	0.679448	Y
7	IC 860-26733/8	150.0	106.443024	50.0	1812891.0	0.70962	Y



Calibration / Cyclohexane

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

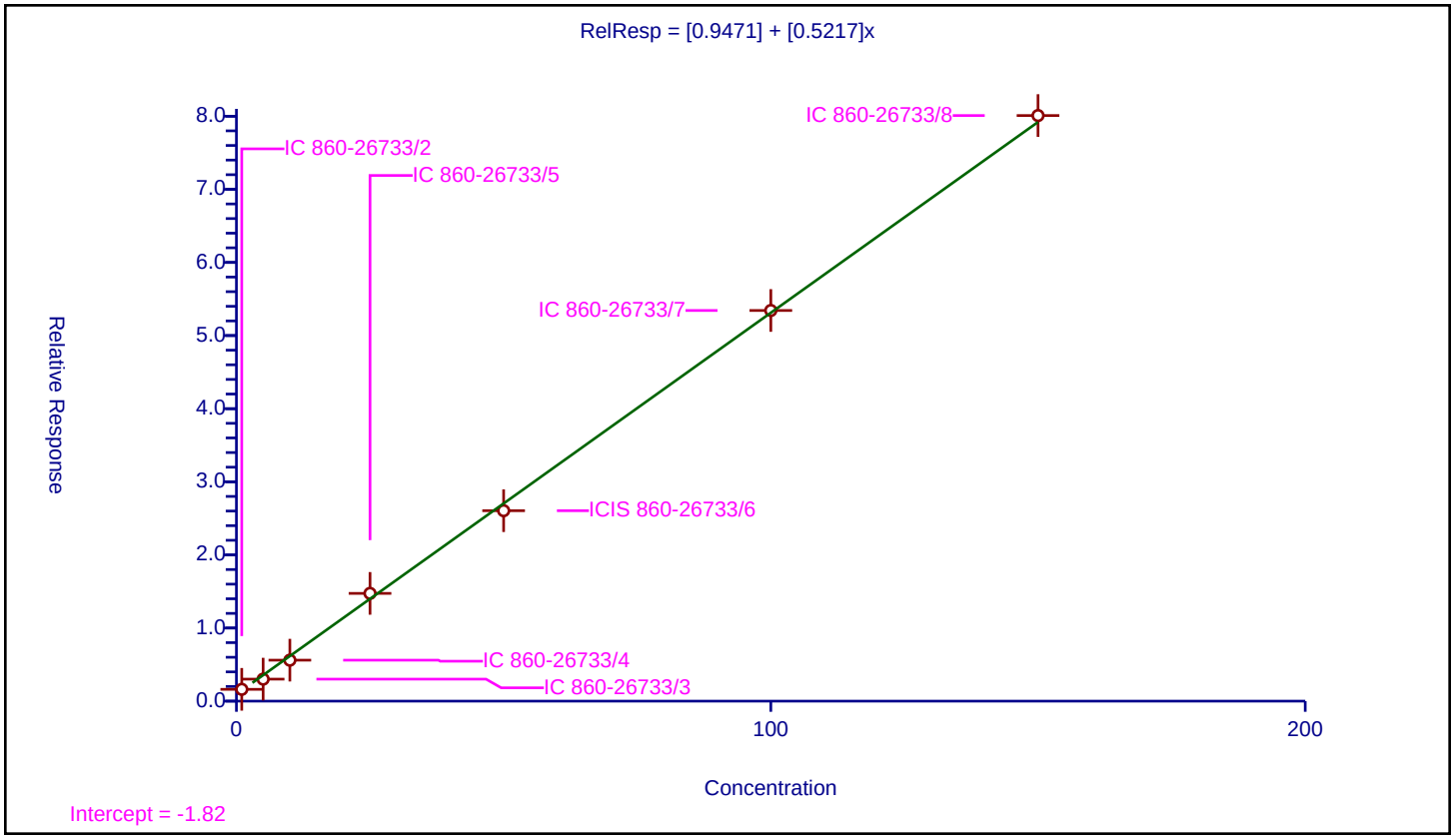
Curve Coefficients

Intercept:	0.9471
Slope:	0.5217

Error Coefficients

Standard Error:	1580000
Relative Standard Error:	16.7
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	1.614925	50.0	1393130.0	1.614925	Y
2	IC 860-26733/3	5.0	3.009006	50.0	1361546.0	0.601801	Y
3	IC 860-26733/4	10.0	5.604314	50.0	1440078.0	0.560431	Y
4	IC 860-26733/5	25.0	14.736883	50.0	1540587.0	0.589475	Y
5	ICIS 860-26733/6	50.0	26.047812	50.0	1594370.0	0.520956	Y
6	IC 860-26733/7	100.0	53.428403	50.0	1647662.0	0.534284	Y
7	IC 860-26733/8	150.0	80.088682	50.0	1812891.0	0.533925	Y



Calibration / Carbon tetrachloride

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

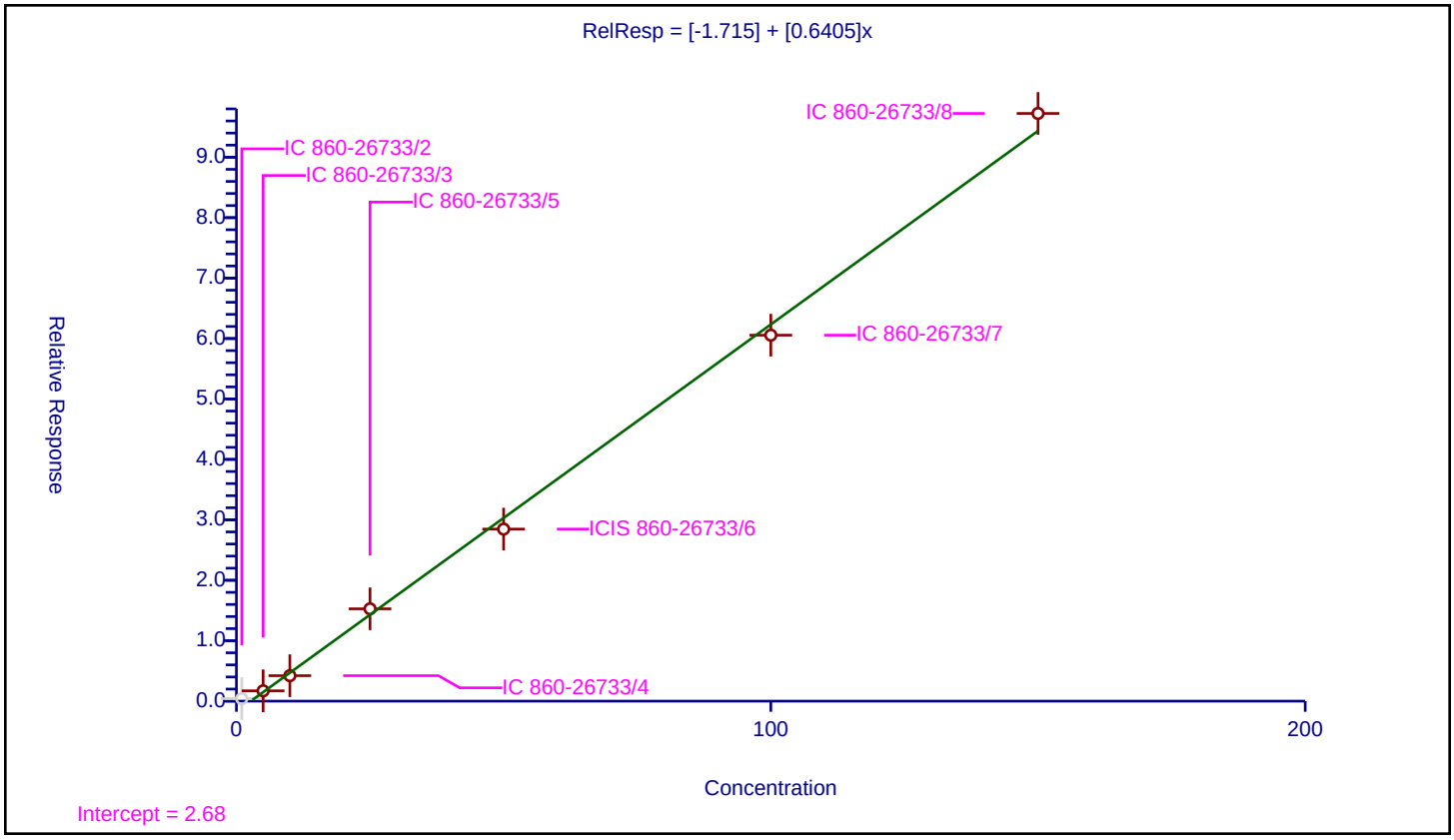
Curve Coefficients

Intercept:	-1.715
Slope:	0.6405

Error Coefficients

Standard Error:	2090000
Relative Standard Error:	6.9
Correlation Coefficient:	0.991
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	0.412488	50.0	1393130.0	0.412488	N
2	IC 860-26733/3	5.0	1.706149	50.0	1361546.0	0.34123	Y
3	IC 860-26733/4	10.0	4.213105	50.0	1440078.0	0.421311	Y
4	IC 860-26733/5	25.0	15.275931	50.0	1540587.0	0.611037	Y
5	ICIS 860-26733/6	50.0	28.469395	50.0	1594370.0	0.569388	Y
6	IC 860-26733/7	100.0	60.557869	50.0	1647662.0	0.605579	Y
7	IC 860-26733/8	150.0	97.245339	50.0	1812891.0	0.648302	Y



Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

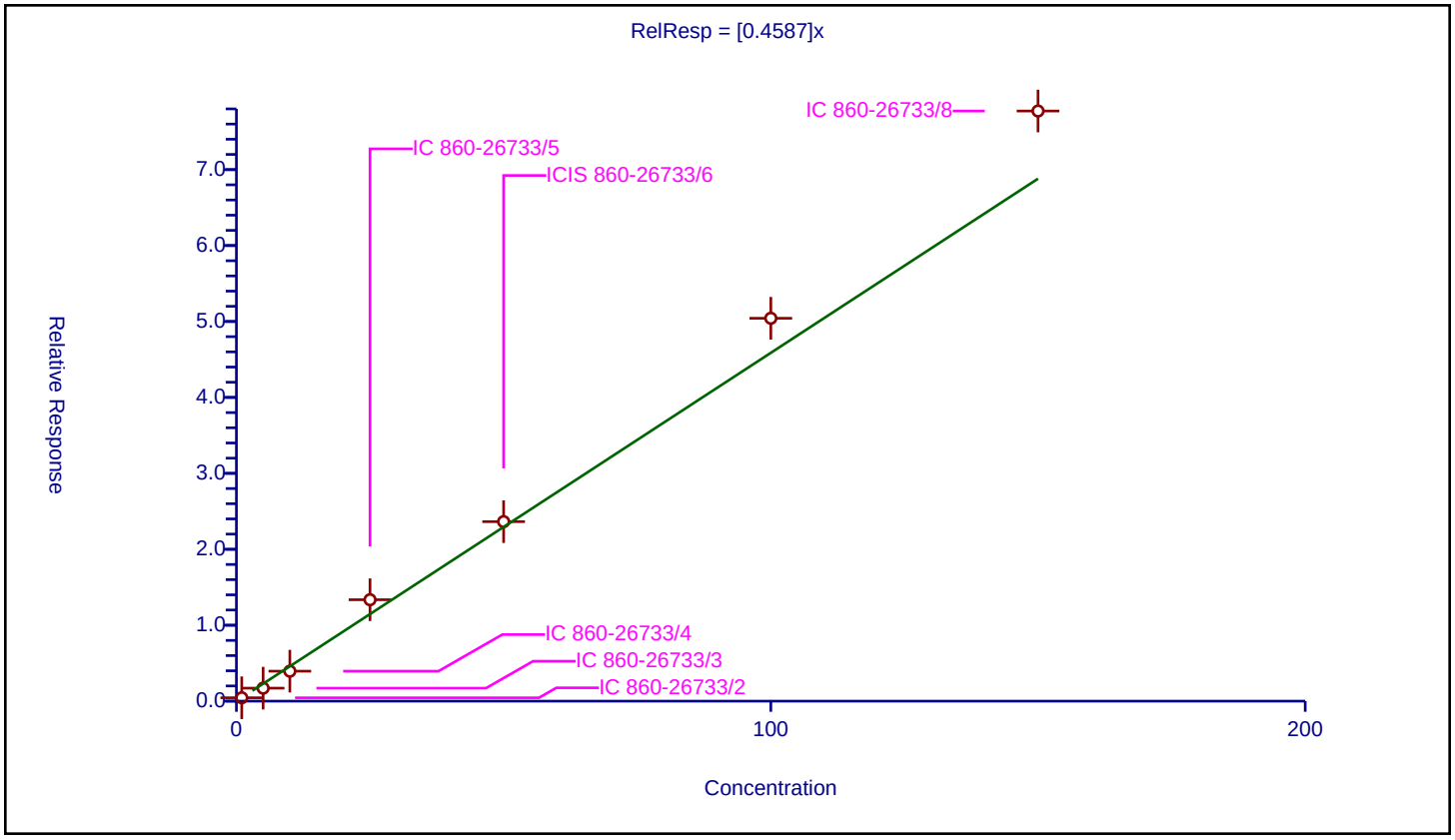
Curve Coefficients

Intercept:	0
Slope:	0.4587

Error Coefficients

Standard Error:	1380000
Relative Standard Error:	15.2
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	0.444646	50.0	1393130.0	0.444646	Y
2	IC 860-26733/3	5.0	1.711437	50.0	1361546.0	0.342287	Y
3	IC 860-26733/4	10.0	3.947182	50.0	1440078.0	0.394718	Y
4	IC 860-26733/5	25.0	13.354098	50.0	1540587.0	0.534164	Y
5	ICIS 860-26733/6	50.0	23.640247	50.0	1594370.0	0.472805	Y
6	IC 860-26733/7	100.0	50.42448	50.0	1647662.0	0.504245	Y
7	IC 860-26733/8	150.0	77.720448	50.0	1812891.0	0.518136	Y



Calibration / 1,2-Dichloroethane-d4 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

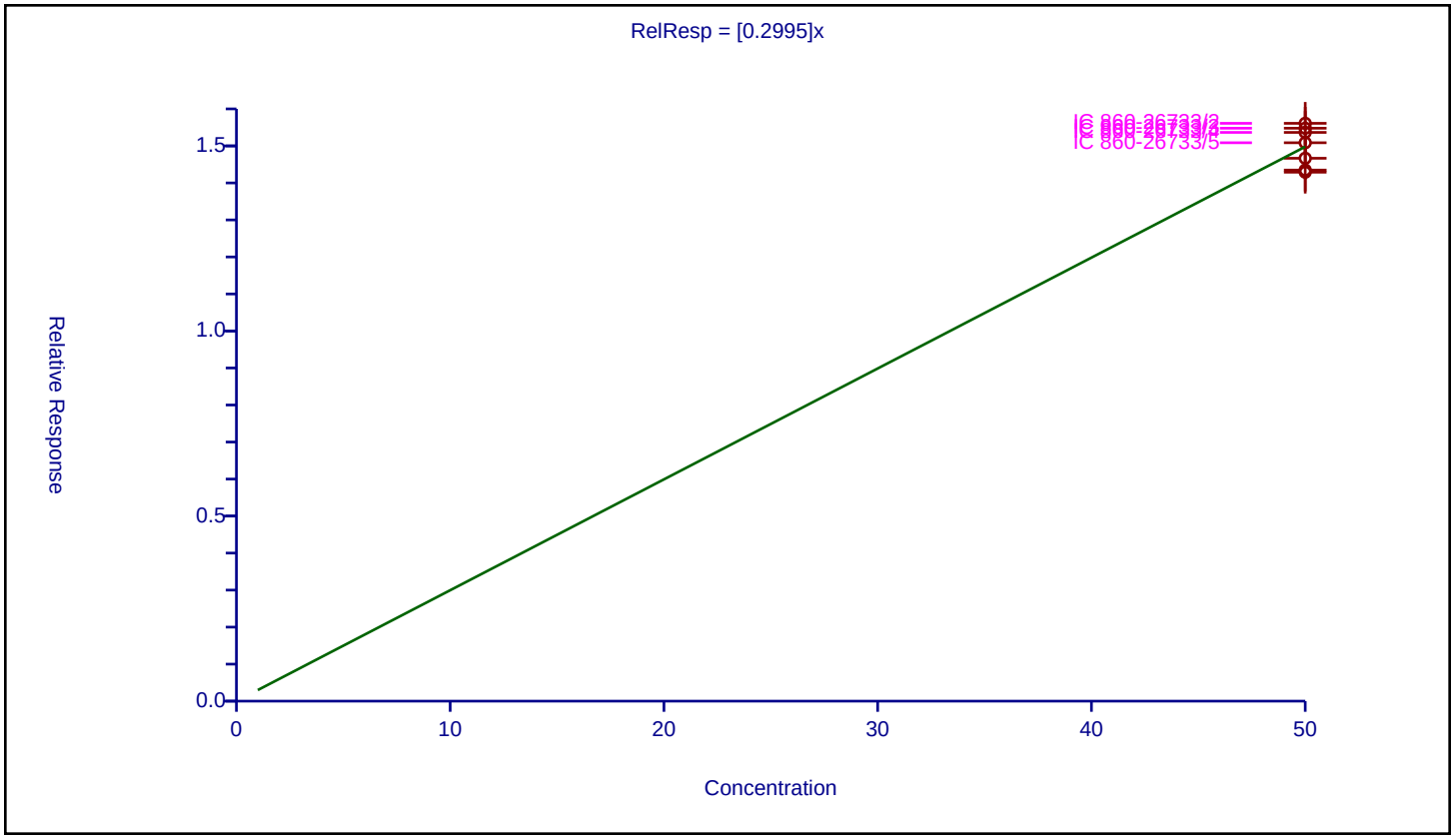
Curve Coefficients

Intercept:	0
Slope:	0.2995

Error Coefficients

Standard Error:	682000
Relative Standard Error:	3.6
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	50.0	15.60988	50.0	1874755.0	0.312198	Y
2	IC 860-26733/3	50.0	15.477561	50.0	1862506.0	0.309551	Y
3	IC 860-26733/4	50.0	15.364799	50.0	1920344.0	0.307296	Y
4	IC 860-26733/5	50.0	15.085558	50.0	2122583.0	0.301711	Y
5	ICIS 860-26733/6	50.0	14.665725	50.0	2210184.0	0.293314	Y
6	IC 860-26733/7	50.0	14.347404	50.0	2296384.0	0.286948	Y
7	IC 860-26733/8	50.0	14.289541	50.0	2484135.0	0.285791	Y



Calibration / Isobutyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

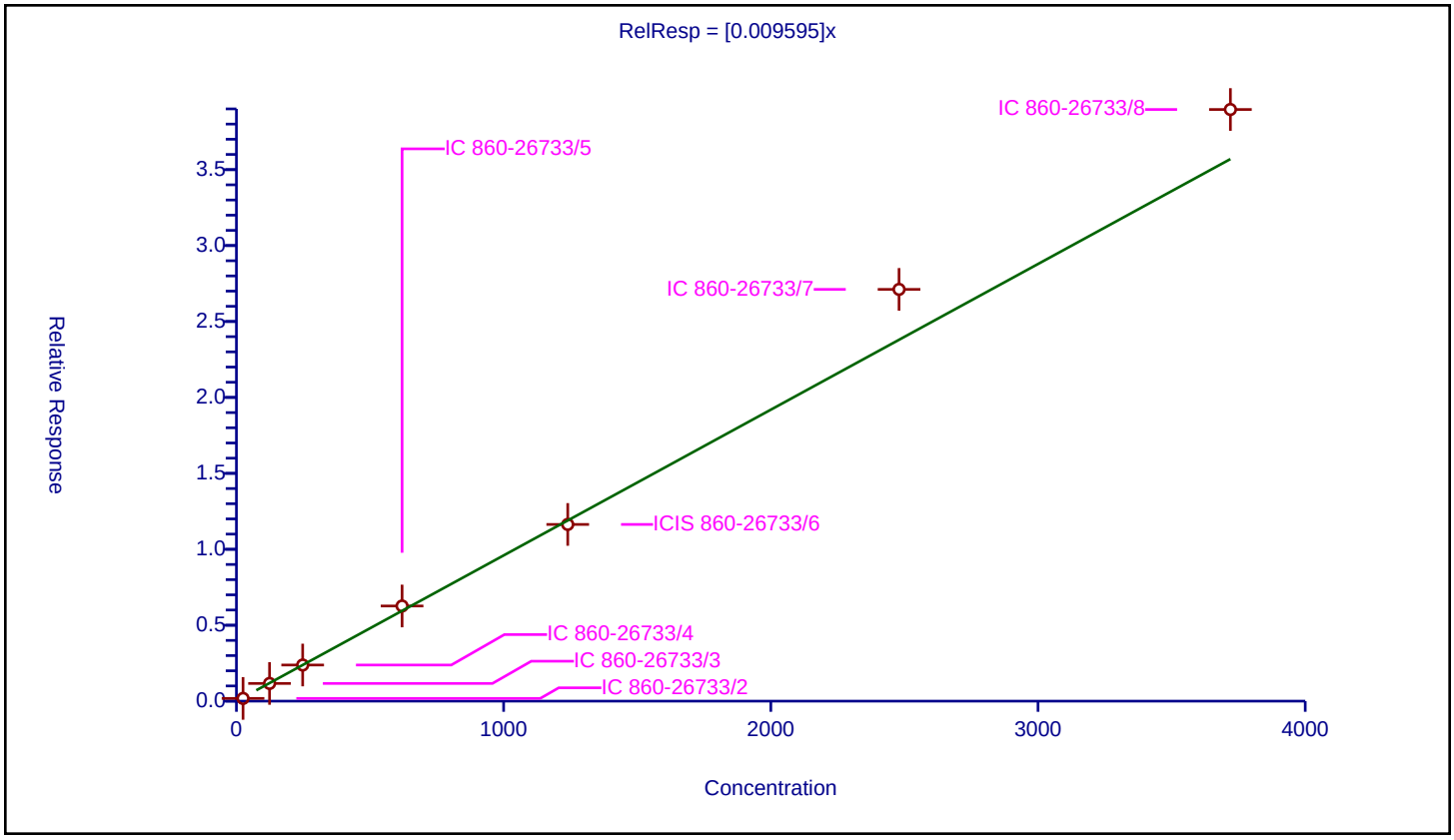
Curve Coefficients

Intercept:	0
Slope:	0.009595

Error Coefficients

Standard Error:	970000
Relative Standard Error:	12.2
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	24.8	0.180584	50.0	1874755.0	0.007282	Y
2	IC 860-26733/3	124.0	1.165365	50.0	1862506.0	0.009398	Y
3	IC 860-26733/4	248.0	2.378845	50.0	1920344.0	0.009592	Y
4	IC 860-26733/5	620.0	6.266233	50.0	2122583.0	0.010107	Y
5	ICIS 860-26733/6	1240.0	11.635751	50.0	2210184.0	0.009384	Y
6	IC 860-26733/7	2480.0	27.114672	50.0	2296384.0	0.010933	Y
7	IC 860-26733/8	3720.0	38.958933	50.0	2484135.0	0.010473	Y



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

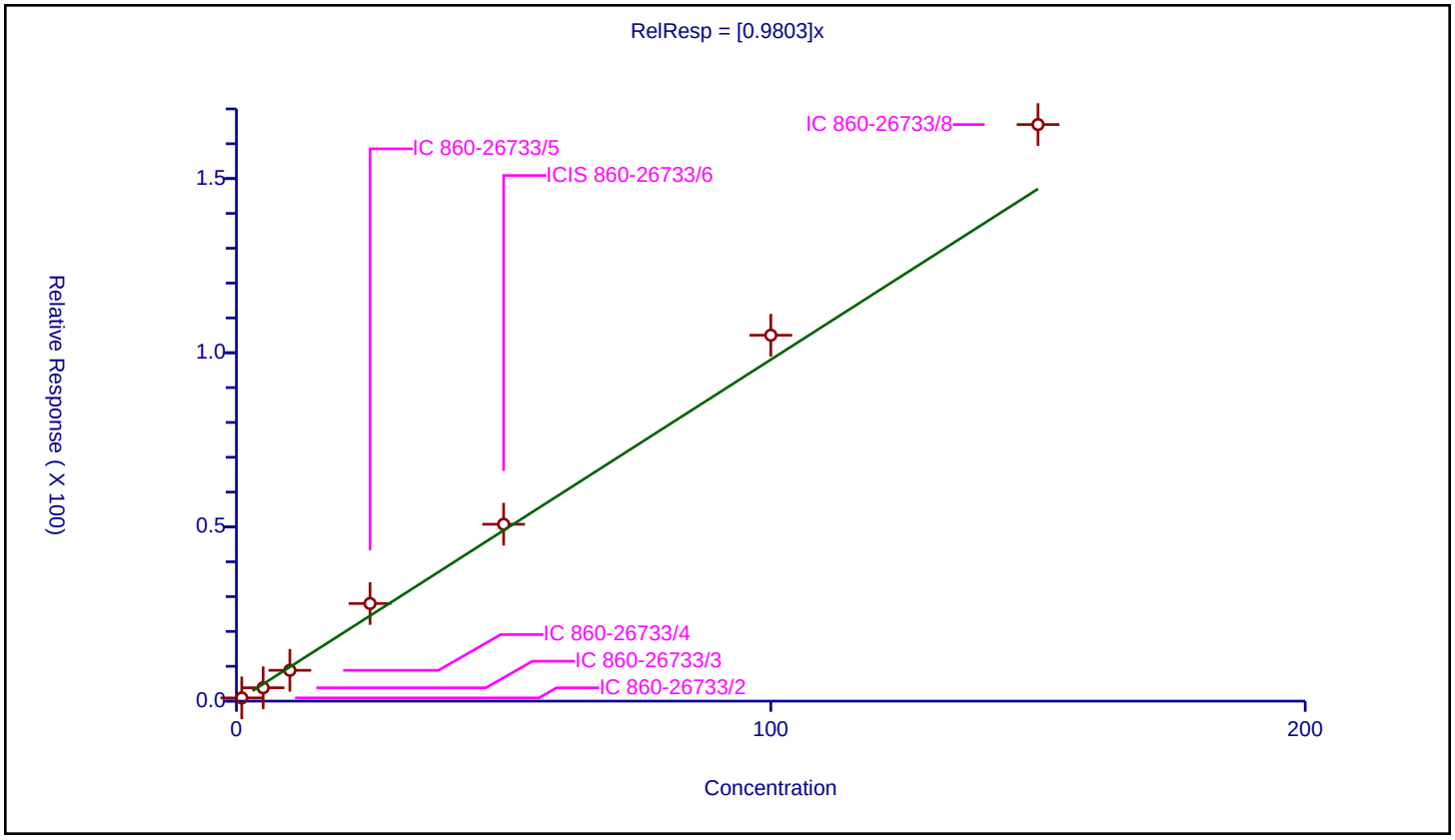
Curve Coefficients

Intercept:	0
Slope:	0.9803

Error Coefficients

Standard Error:	4030000
Relative Standard Error:	13.1
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	0.919373	50.0	1874755.0	0.919373	Y
2	IC 860-26733/3	5.0	3.83588	50.0	1862506.0	0.767176	Y
3	IC 860-26733/4	10.0	8.851435	50.0	1920344.0	0.885143	Y
4	IC 860-26733/5	25.0	28.020341	50.0	2122583.0	1.120814	Y
5	ICIS 860-26733/6	50.0	50.775682	50.0	2210184.0	1.015514	Y
6	IC 860-26733/7	100.0	105.037333	50.0	2296384.0	1.050373	Y
7	IC 860-26733/8	150.0	165.514998	50.0	2484135.0	1.103433	Y



Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

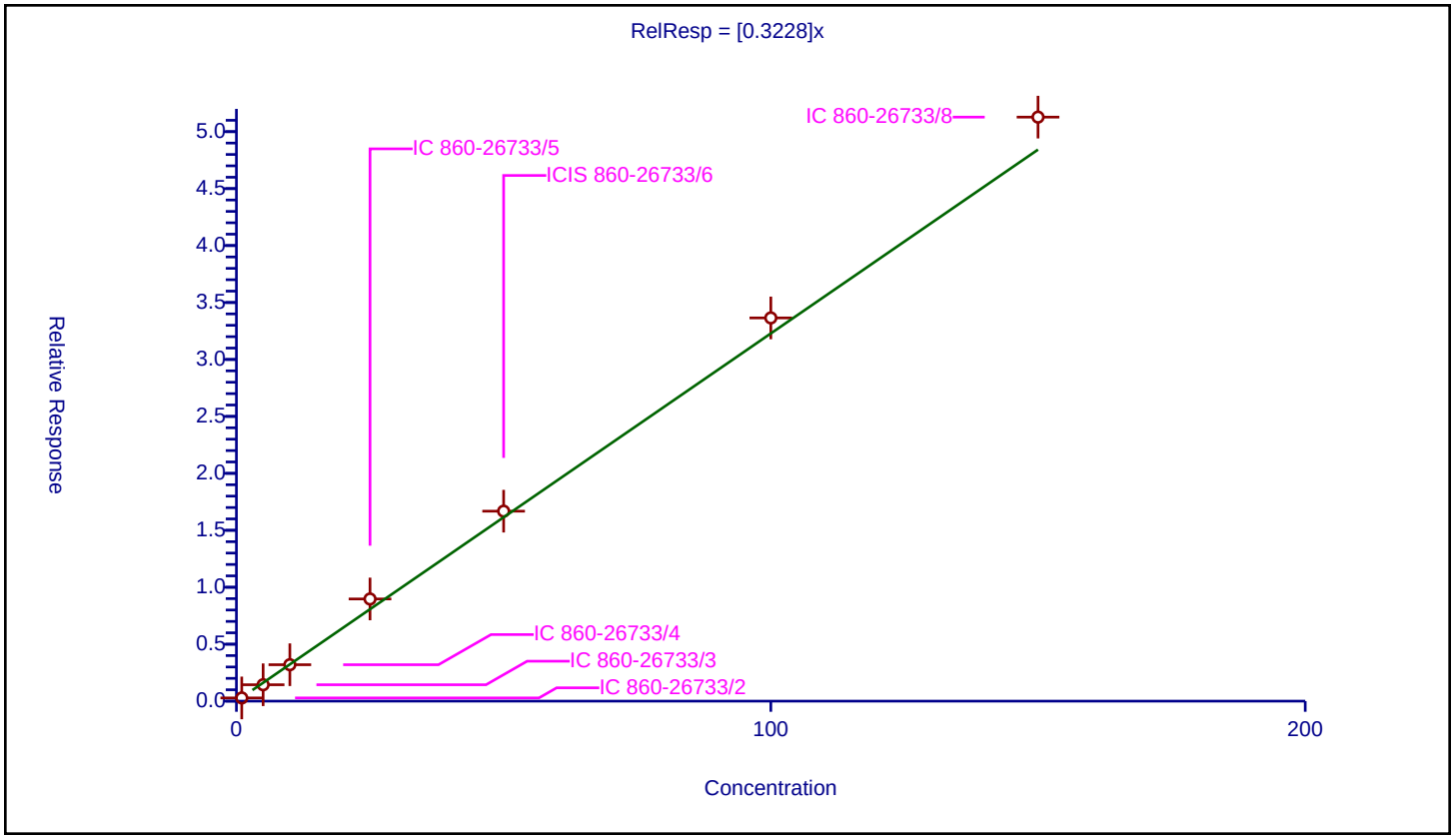
Curve Coefficients

Intercept:	0
Slope:	0.3228

Error Coefficients

Standard Error:	1260000
Relative Standard Error:	8.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	0.28121	50.0	1874755.0	0.28121	Y
2	IC 860-26733/3	5.0	1.440076	50.0	1862506.0	0.288015	Y
3	IC 860-26733/4	10.0	3.198463	50.0	1920344.0	0.319846	Y
4	IC 860-26733/5	25.0	8.970462	50.0	2122583.0	0.358818	Y
5	ICIS 860-26733/6	50.0	16.679991	50.0	2210184.0	0.3336	Y
6	IC 860-26733/7	100.0	33.64777	50.0	2296384.0	0.336478	Y
7	IC 860-26733/8	150.0	51.277427	50.0	2484135.0	0.34185	Y



Calibration / Isooctane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

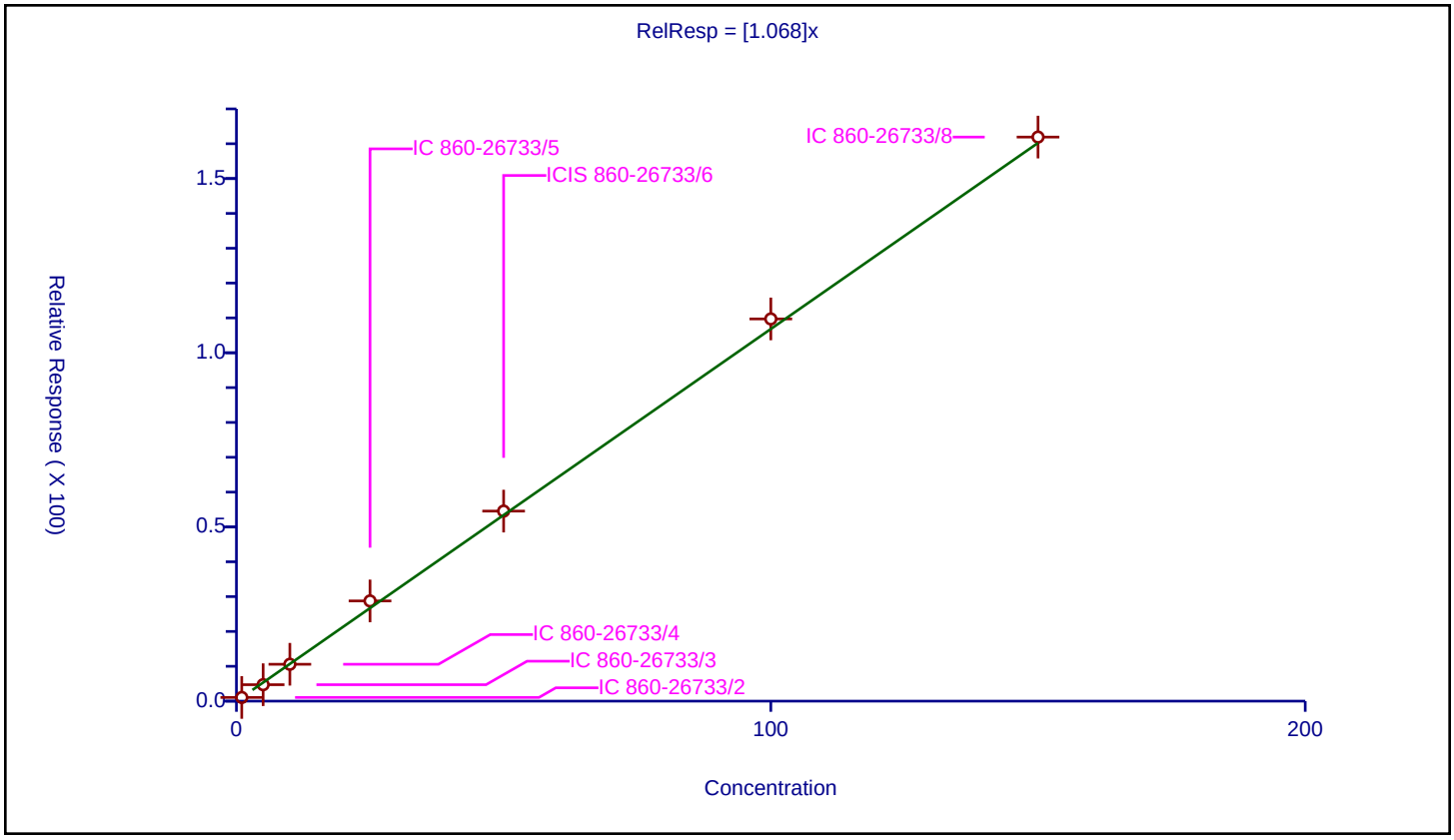
Curve Coefficients

Intercept:	0
Slope:	1.068

Error Coefficients

Standard Error:	2930000
Relative Standard Error:	5.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	1.056721	50.0	1393130.0	1.056721	Y
2	IC 860-26733/3	5.0	4.722609	50.0	1361546.0	0.944522	Y
3	IC 860-26733/4	10.0	10.582899	50.0	1440078.0	1.05829	Y
4	IC 860-26733/5	25.0	28.763095	50.0	1540587.0	1.150524	Y
5	ICIS 860-26733/6	50.0	54.549948	50.0	1594370.0	1.090999	Y
6	IC 860-26733/7	100.0	109.709941	50.0	1647662.0	1.097099	Y
7	IC 860-26733/8	150.0	161.910065	50.0	1812891.0	1.0794	Y



Calibration / Tert-amyl methyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

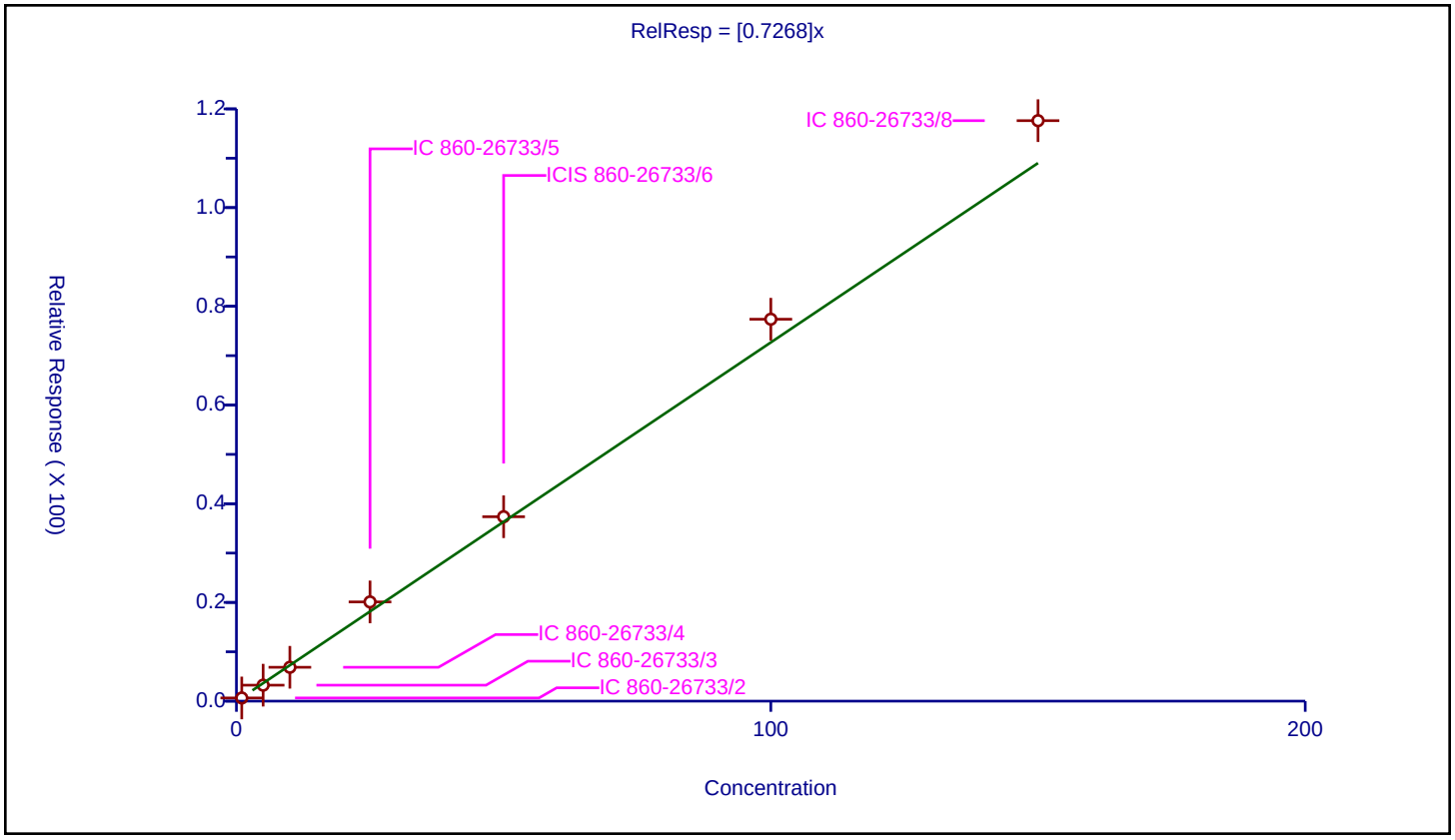
Curve Coefficients

Intercept:	0
Slope:	0.7268

Error Coefficients

Standard Error:	2900000
Relative Standard Error:	9.2
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	0.644884	50.0	1874755.0	0.644884	Y
2	IC 860-26733/3	5.0	3.236768	50.0	1862506.0	0.647354	Y
3	IC 860-26733/4	10.0	6.859266	50.0	1920344.0	0.685927	Y
4	IC 860-26733/5	25.0	20.10694	50.0	2122583.0	0.804278	Y
5	ICIS 860-26733/6	50.0	37.364129	50.0	2210184.0	0.747283	Y
6	IC 860-26733/7	100.0	77.385141	50.0	2296384.0	0.773851	Y
7	IC 860-26733/8	150.0	117.613173	50.0	2484135.0	0.784088	Y



Calibration / n-Butanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

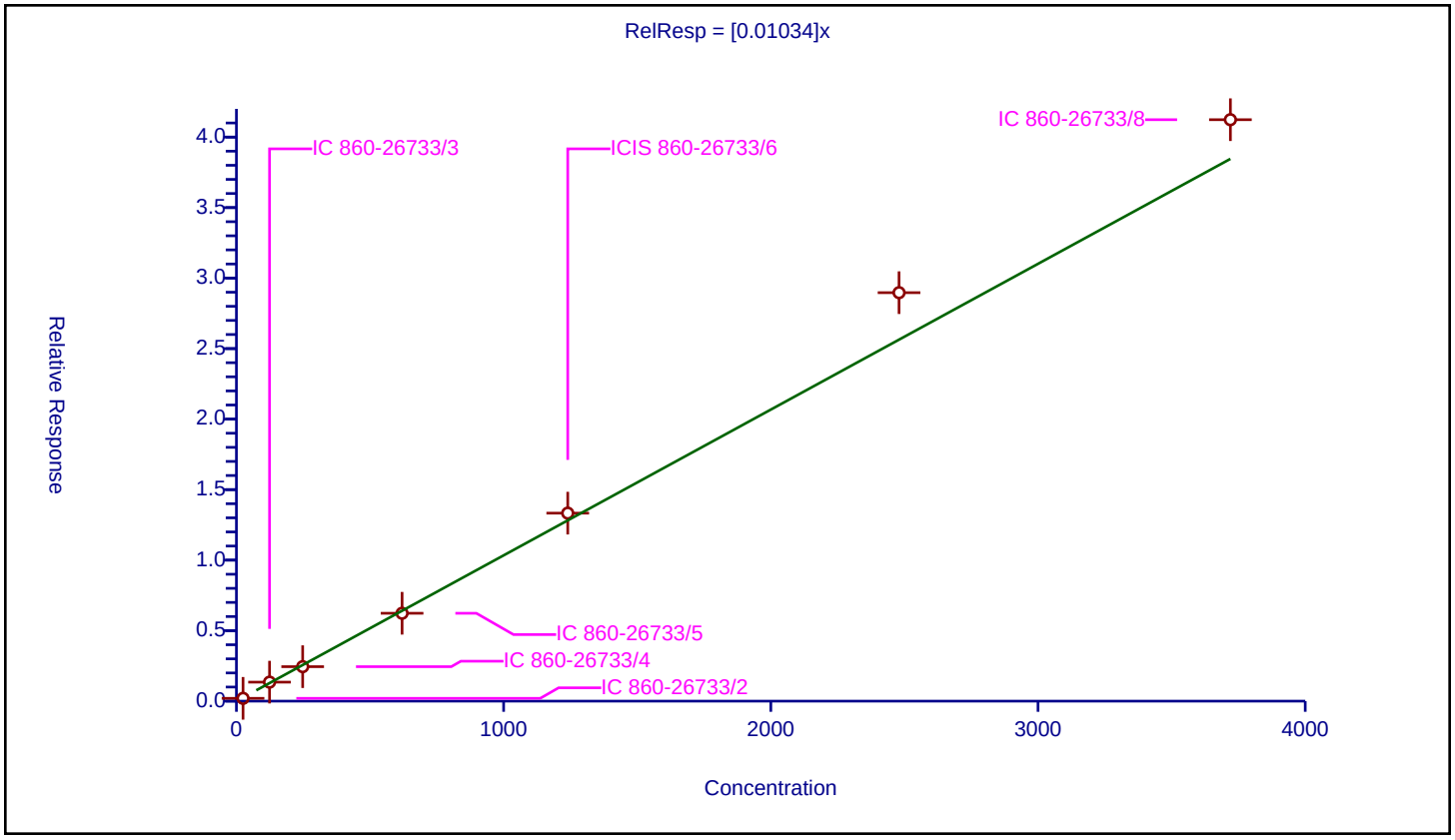
Curve Coefficients

Intercept:	0
Slope:	0.01034

Error Coefficients

Standard Error:	592000
Relative Standard Error:	11.4
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	24.8	0.199945	50.0	985273.0	0.008062	Y
2	IC 860-26733/3	124.0	1.348328	50.0	1011215.0	0.010874	Y
3	IC 860-26733/4	248.0	2.44514	50.0	1055277.0	0.009859	Y
4	IC 860-26733/5	620.0	6.231124	50.0	1283059.0	0.01005	Y
5	ICIS 860-26733/6	1240.0	13.332154	50.0	1130290.0	0.010752	Y
6	IC 860-26733/7	2480.0	28.967109	50.0	1351904.0	0.01168	Y
7	IC 860-26733/8	3720.0	41.23407	50.0	1418315.0	0.011084	Y



Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

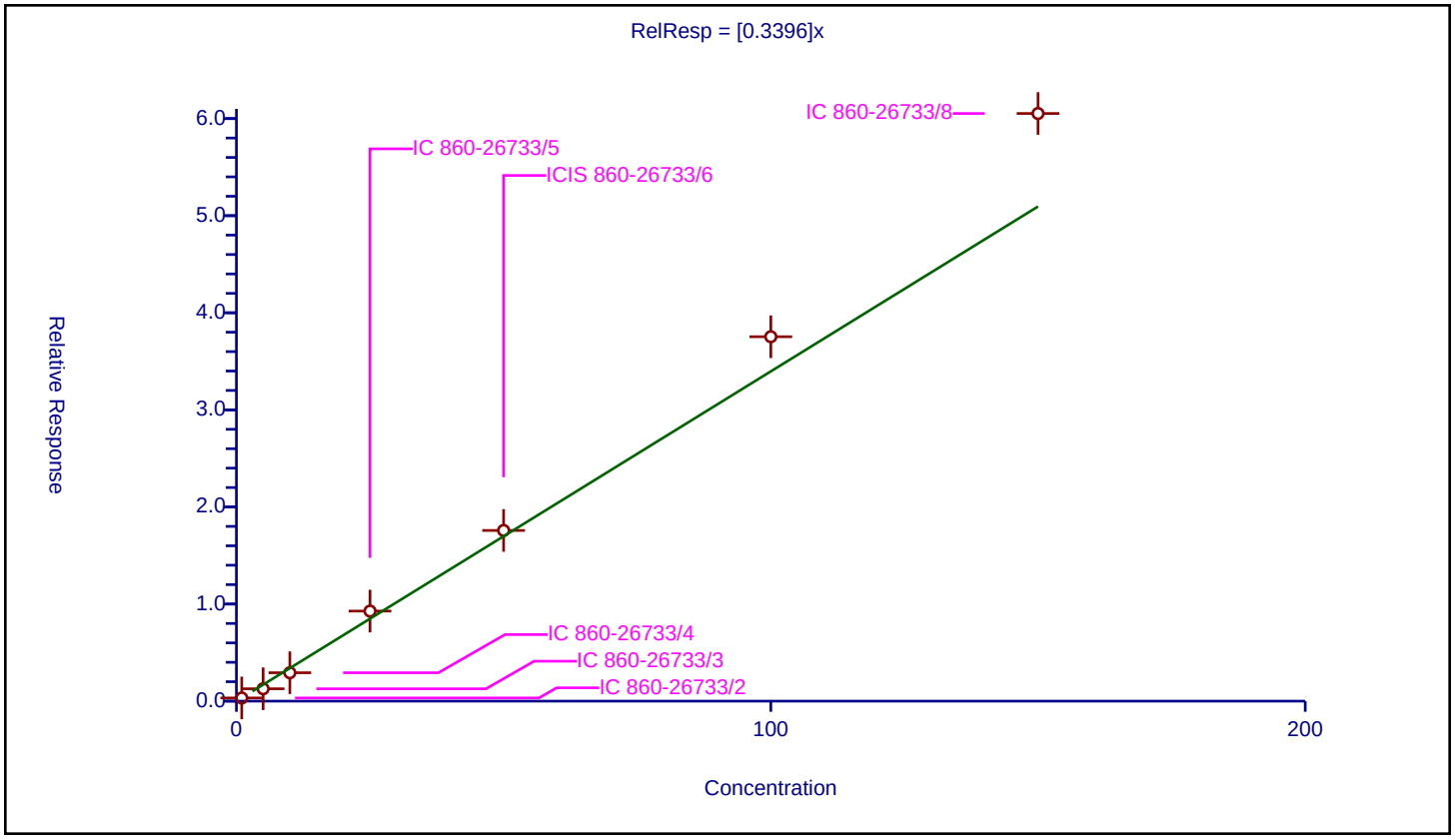
Curve Coefficients

Intercept:	0
Slope:	0.3396

Error Coefficients

Standard Error:	1460000
Relative Standard Error:	15.2
Correlation Coefficient:	0.991
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	0.32831	50.0	1874755.0	0.32831	Y
2	IC 860-26733/3	5.0	1.274654	50.0	1862506.0	0.254931	Y
3	IC 860-26733/4	10.0	2.926767	50.0	1920344.0	0.292677	Y
4	IC 860-26733/5	25.0	9.277258	50.0	2122583.0	0.37109	Y
5	ICIS 860-26733/6	50.0	17.580324	50.0	2210184.0	0.351606	Y
6	IC 860-26733/7	100.0	37.534794	50.0	2296384.0	0.375348	Y
7	IC 860-26733/8	150.0	60.524891	50.0	2484135.0	0.403499	Y



Calibration / Methylcyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

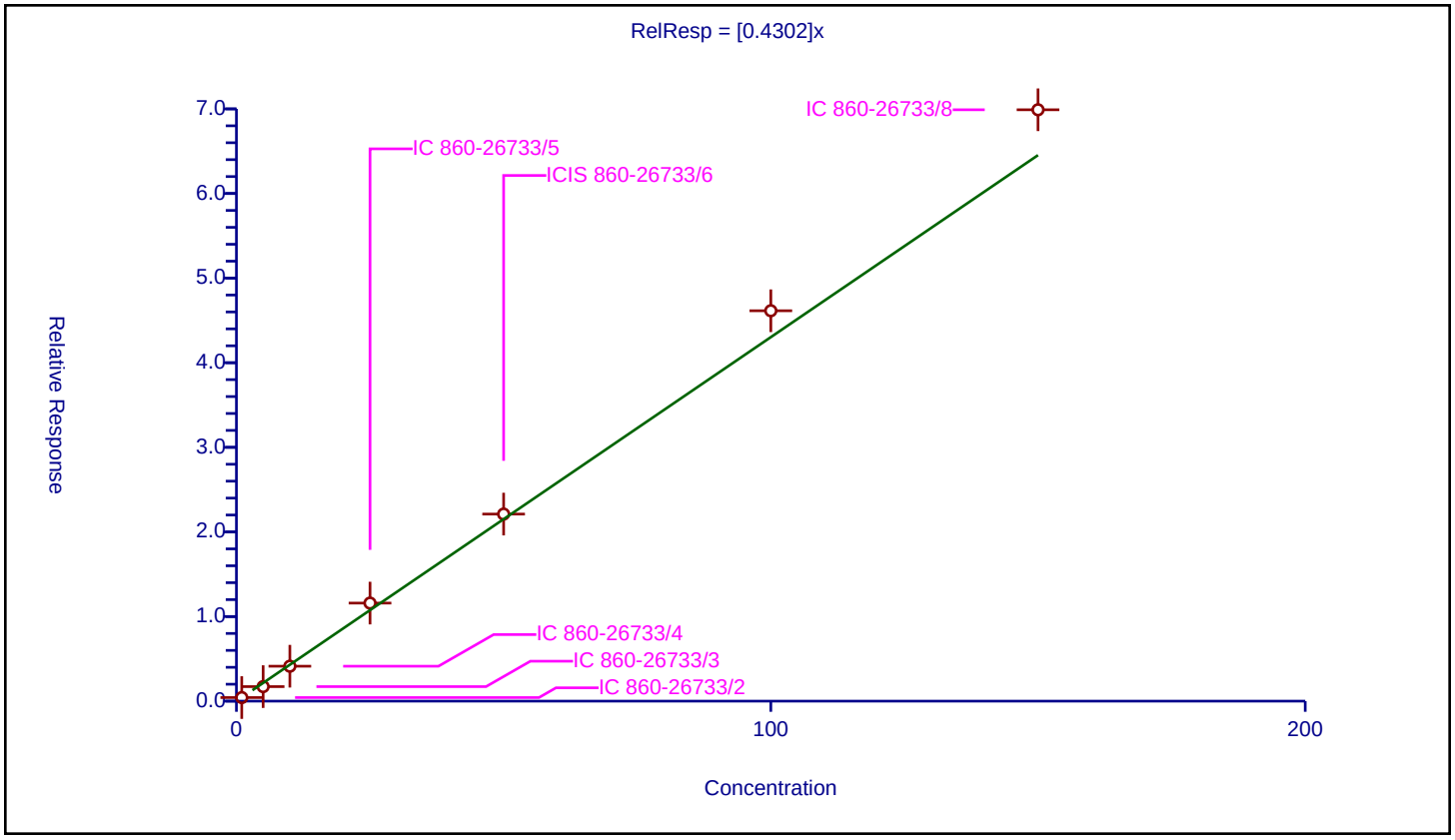
Curve Coefficients

Intercept:	0
Slope:	0.4302

Error Coefficients

Standard Error:	1720000
Relative Standard Error:	10.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	0.422002	50.0	1874755.0	0.422002	Y
2	IC 860-26733/3	5.0	1.717739	50.0	1862506.0	0.343548	Y
3	IC 860-26733/4	10.0	4.128922	50.0	1920344.0	0.412892	Y
4	IC 860-26733/5	25.0	11.588334	50.0	2122583.0	0.463533	Y
5	ICIS 860-26733/6	50.0	22.10972	50.0	2210184.0	0.442194	Y
6	IC 860-26733/7	100.0	46.141455	50.0	2296384.0	0.461415	Y
7	IC 860-26733/8	150.0	69.895436	50.0	2484135.0	0.46597	Y



Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

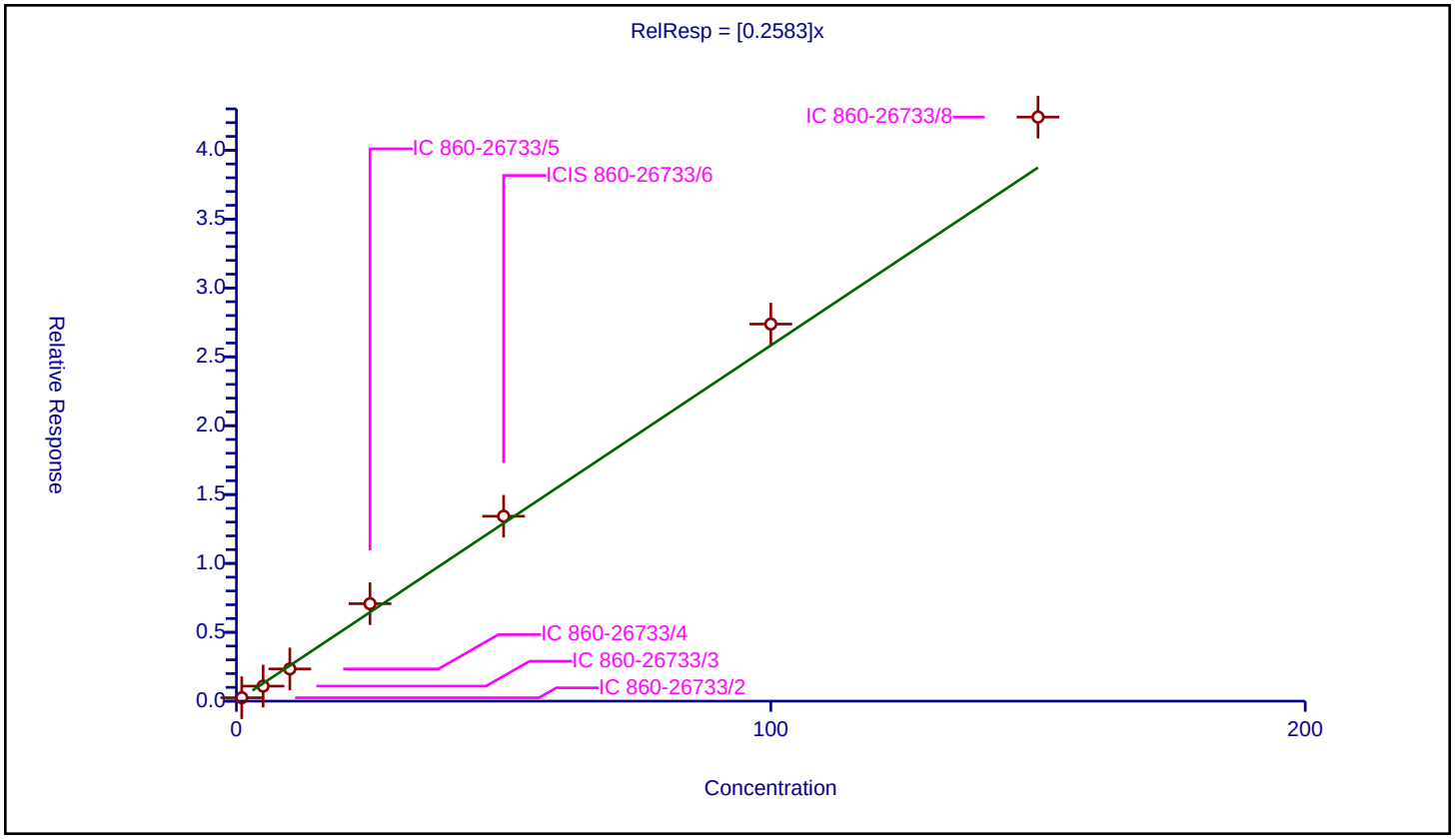
Curve Coefficients

Intercept:	0
Slope:	0.2583

Error Coefficients

Standard Error:	1040000
Relative Standard Error:	9.8
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	0.247766	50.0	1874755.0	0.247766	Y
2	IC 860-26733/3	5.0	1.090708	50.0	1862506.0	0.218142	Y
3	IC 860-26733/4	10.0	2.339294	50.0	1920344.0	0.233929	Y
4	IC 860-26733/5	25.0	7.076496	50.0	2122583.0	0.28306	Y
5	ICIS 860-26733/6	50.0	13.425398	50.0	2210184.0	0.268508	Y
6	IC 860-26733/7	100.0	27.377629	50.0	2296384.0	0.273776	Y
7	IC 860-26733/8	150.0	42.404902	50.0	2484135.0	0.282699	Y



Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

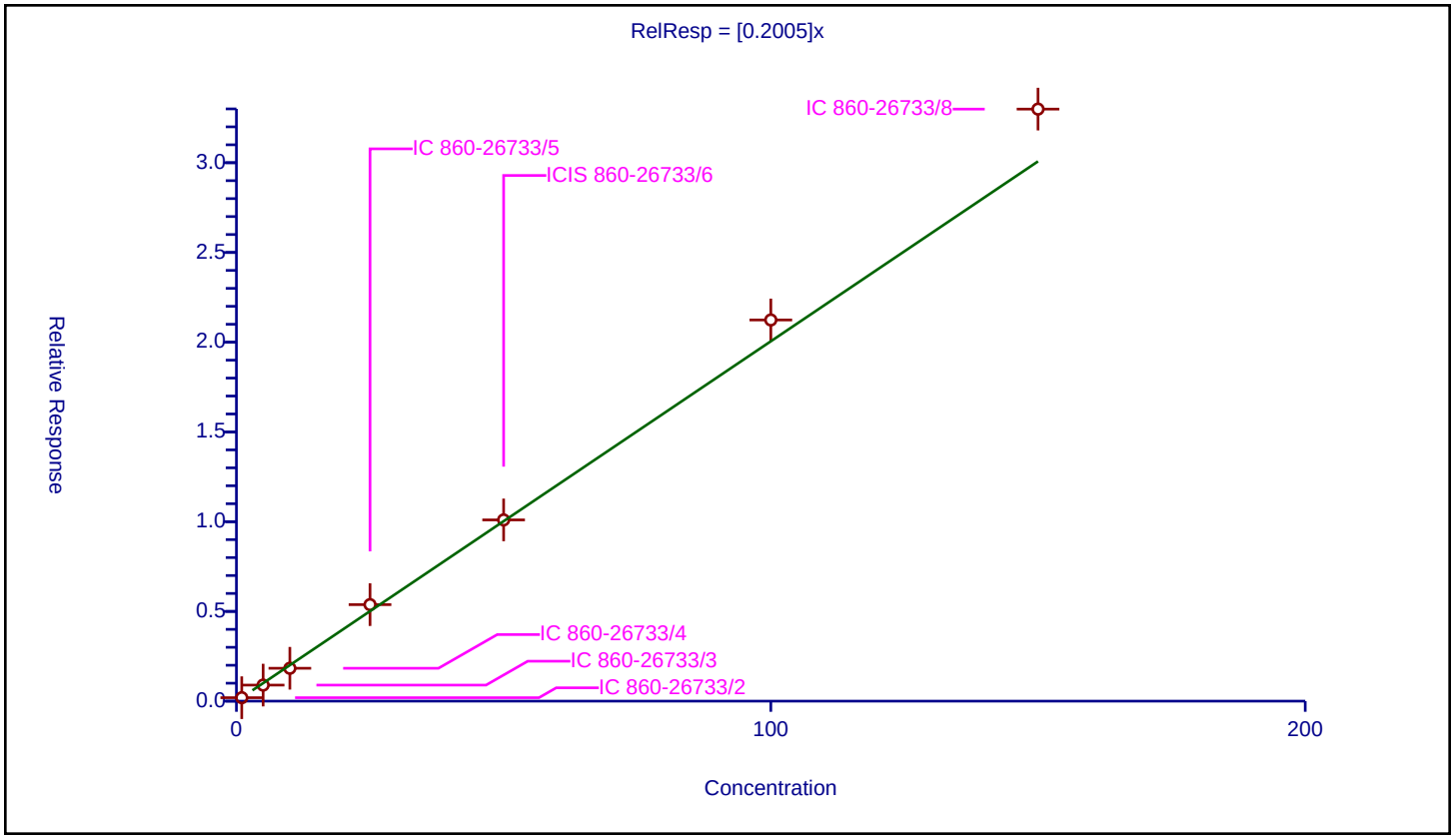
Curve Coefficients

Intercept:	0
Slope:	0.2005

Error Coefficients

Standard Error:	806000
Relative Standard Error:	8.1
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	0.192025	50.0	1874755.0	0.192025	Y
2	IC 860-26733/3	5.0	0.894789	50.0	1862506.0	0.178958	Y
3	IC 860-26733/4	10.0	1.83212	50.0	1920344.0	0.183212	Y
4	IC 860-26733/5	25.0	5.377246	50.0	2122583.0	0.21509	Y
5	ICIS 860-26733/6	50.0	10.097779	50.0	2210184.0	0.201956	Y
6	IC 860-26733/7	100.0	21.238826	50.0	2296384.0	0.212388	Y
7	IC 860-26733/8	150.0	32.988002	50.0	2484135.0	0.21992	Y



Calibration / Methyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

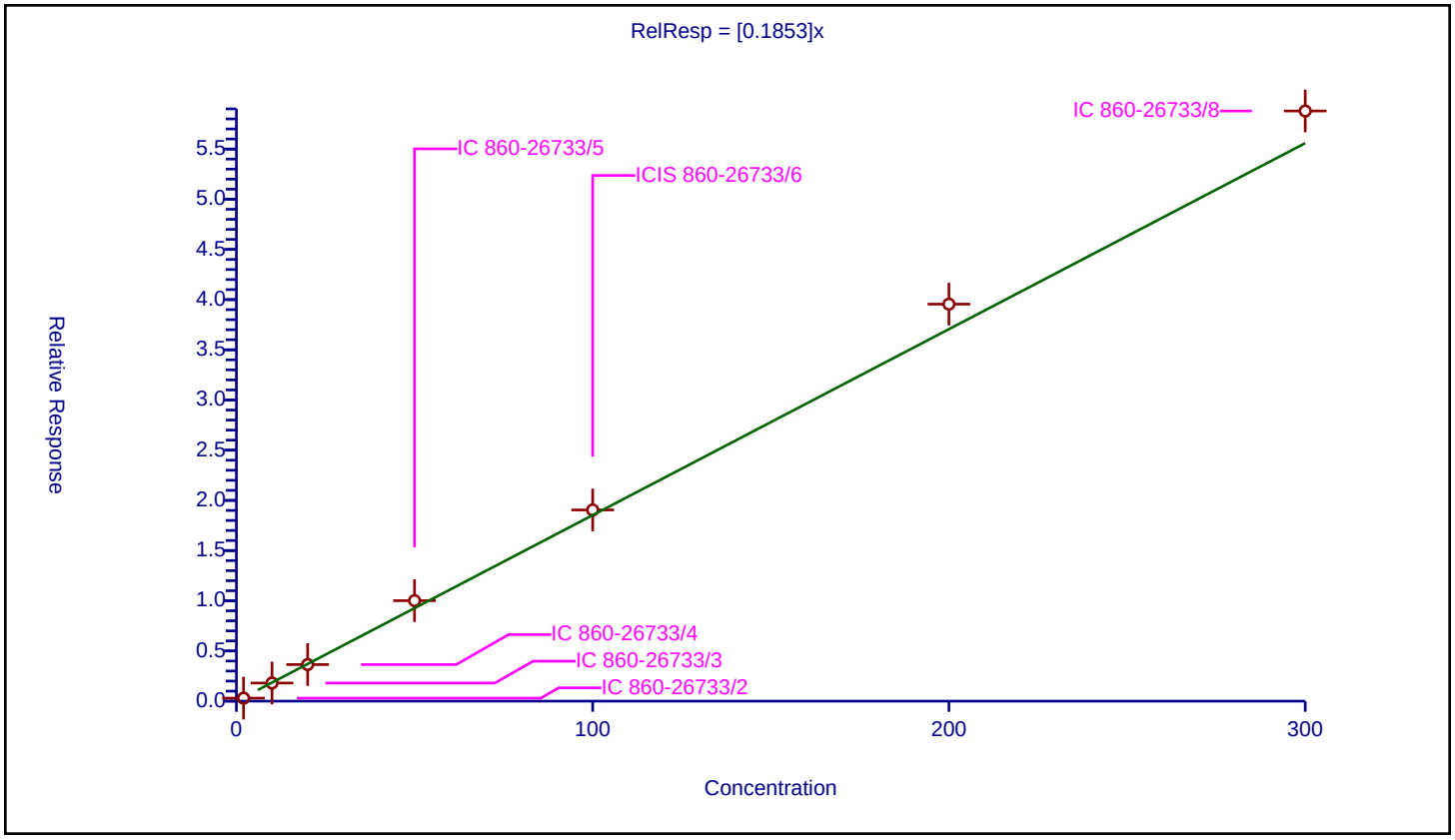
Curve Coefficients

Intercept:	0
Slope:	0.1853

Error Coefficients

Standard Error:	1460000
Relative Standard Error:	9.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	2.0	0.299532	50.0	1874755.0	0.149766	Y
2	IC 860-26733/3	10.0	1.805873	50.0	1862506.0	0.180587	Y
3	IC 860-26733/4	20.0	3.644321	50.0	1920344.0	0.182216	Y
4	IC 860-26733/5	50.0	10.010351	50.0	2122583.0	0.200207	Y
5	ICIS 860-26733/6	100.0	19.047034	50.0	2210184.0	0.19047	Y
6	IC 860-26733/7	200.0	39.549505	50.0	2296384.0	0.197748	Y
7	IC 860-26733/8	300.0	58.790505	50.0	2484135.0	0.195968	Y



Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

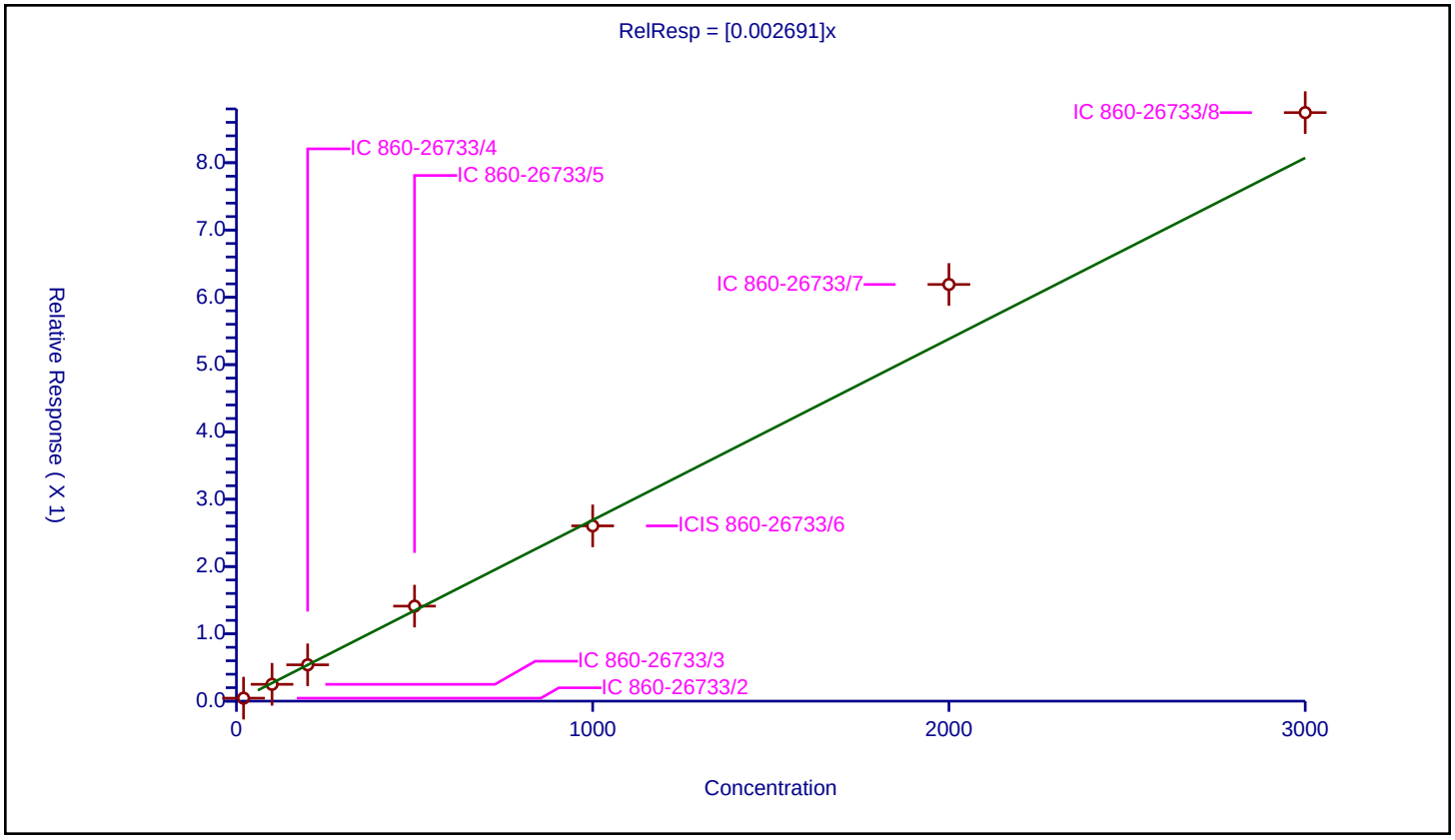
Curve Coefficients

Intercept:	0
Slope:	0.002691

Error Coefficients

Standard Error:	219000
Relative Standard Error:	10.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	20.0	0.043952	50.0	1874755.0	0.002198	Y
2	IC 860-26733/3	100.0	0.250039	50.0	1862506.0	0.0025	Y
3	IC 860-26733/4	200.0	0.539669	50.0	1920344.0	0.002698	Y
4	IC 860-26733/5	500.0	1.411629	50.0	2122583.0	0.002823	Y
5	ICIS 860-26733/6	1000.0	2.604082	50.0	2210184.0	0.002604	Y
6	IC 860-26733/7	2000.0	6.191255	50.0	2296384.0	0.003096	Y
7	IC 860-26733/8	3000.0	8.744573	50.0	2484135.0	0.002915	Y



Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

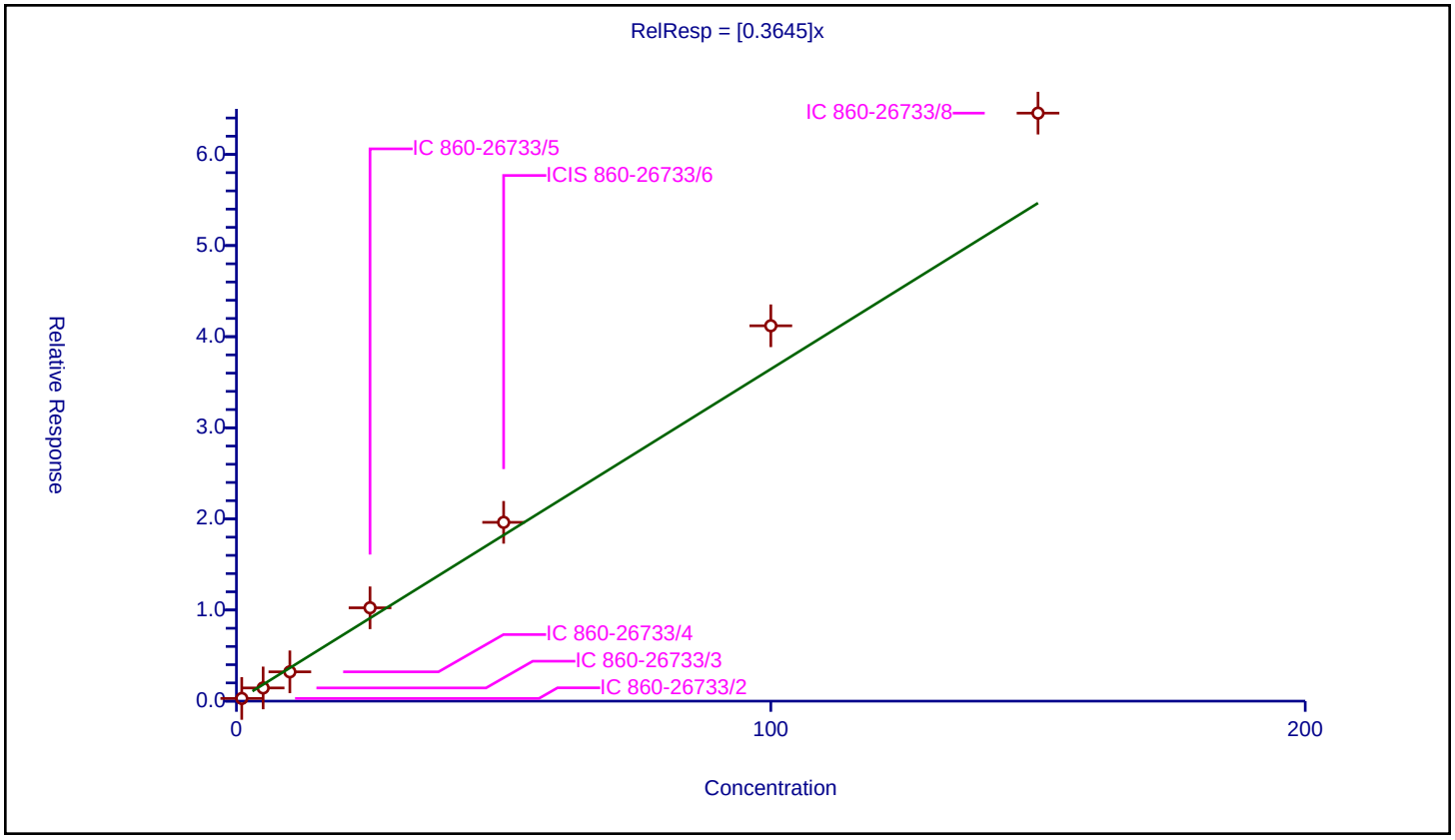
Curve Coefficients

Intercept:	0
Slope:	0.3645

Error Coefficients

Standard Error:	1570000
Relative Standard Error:	16.5
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.973

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	0.295265	50.0	1874755.0	0.295265	Y
2	IC 860-26733/3	5.0	1.449284	50.0	1862506.0	0.289857	Y
3	IC 860-26733/4	10.0	3.215882	50.0	1920344.0	0.321588	Y
4	IC 860-26733/5	25.0	10.243416	50.0	2122583.0	0.409737	Y
5	ICIS 860-26733/6	50.0	19.62547	50.0	2210184.0	0.392509	Y
6	IC 860-26733/7	100.0	41.198097	50.0	2296384.0	0.411981	Y
7	IC 860-26733/8	150.0	64.535844	50.0	2484135.0	0.430239	Y



Calibration / 2-Chloroethyl vinyl ether

Curve Type:	Quadratic
Weighting:	None
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

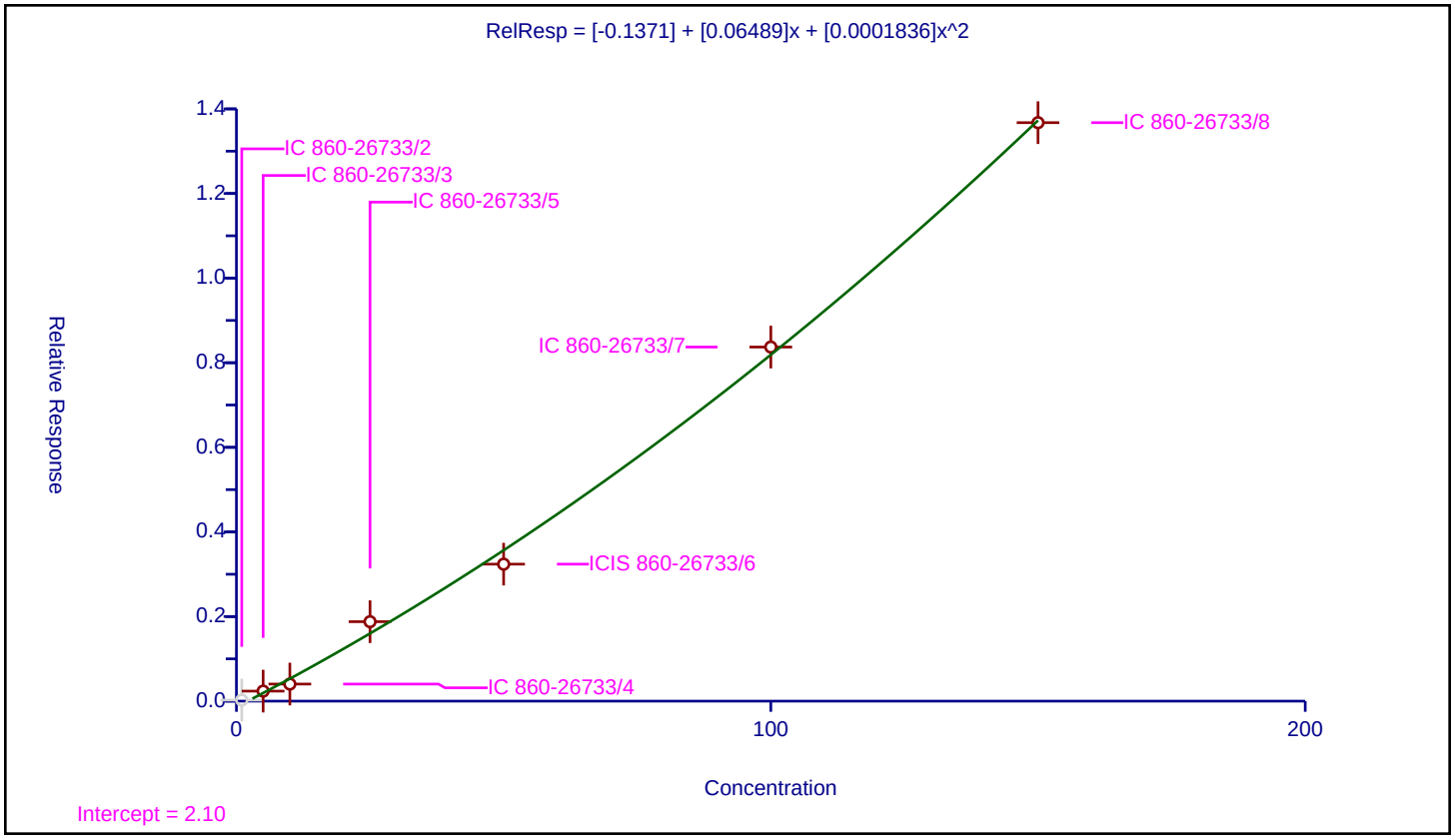
Curve Coefficients

Intercept:	-0.1371
Slope:	0.06489
Second Order:	0.0001836

Error Coefficients

Standard Error:	461000
Relative Standard Error:	16.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	0.02499	50.0	1874755.0	0.02499	N
2	IC 860-26733/3	5.0	0.236966	50.0	1862506.0	0.047393	Y
3	IC 860-26733/4	10.0	0.403834	50.0	1920344.0	0.040383	Y
4	IC 860-26733/5	25.0	1.878348	50.0	2122583.0	0.075134	Y
5	ICIS 860-26733/6	50.0	3.238056	50.0	2210184.0	0.064761	Y
6	IC 860-26733/7	100.0	8.370225	50.0	2296384.0	0.083702	Y
7	IC 860-26733/8	150.0	13.674458	50.0	2484135.0	0.091163	Y



Calibration / cis-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

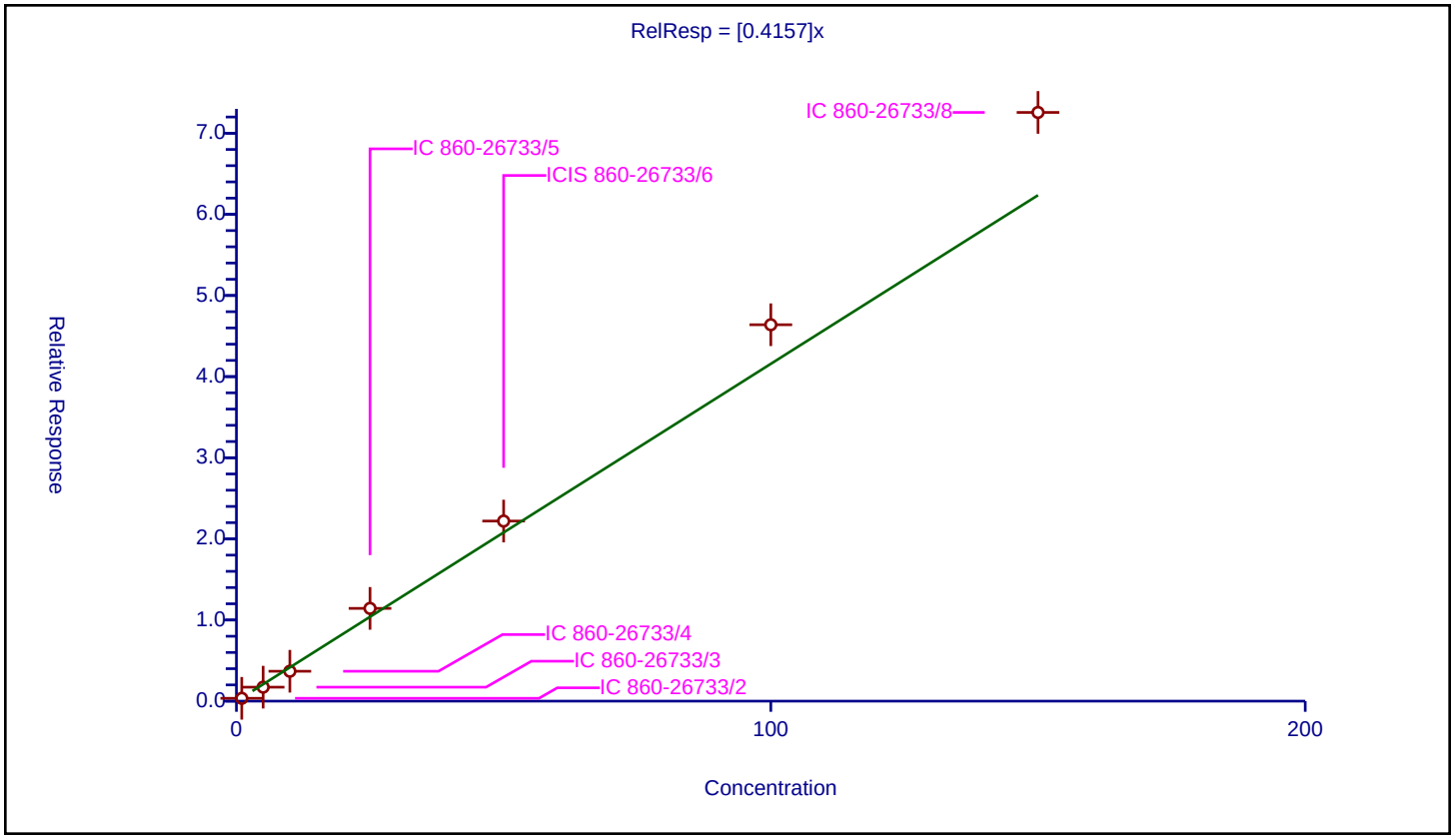
Curve Coefficients

Intercept:	0
Slope:	0.4157

Error Coefficients

Standard Error:	1770000
Relative Standard Error:	14.3
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	0.348632	50.0	1874755.0	0.348632	Y
2	IC 860-26733/3	5.0	1.721149	50.0	1862506.0	0.34423	Y
3	IC 860-26733/4	10.0	3.683559	50.0	1920344.0	0.368356	Y
4	IC 860-26733/5	25.0	11.432839	50.0	2122583.0	0.457314	Y
5	ICIS 860-26733/6	50.0	22.196794	50.0	2210184.0	0.443936	Y
6	IC 860-26733/7	100.0	46.395703	50.0	2296384.0	0.463957	Y
7	IC 860-26733/8	150.0	72.563428	50.0	2484135.0	0.483756	Y



Calibration / 4-Methyl-2-pentanone (MIBK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

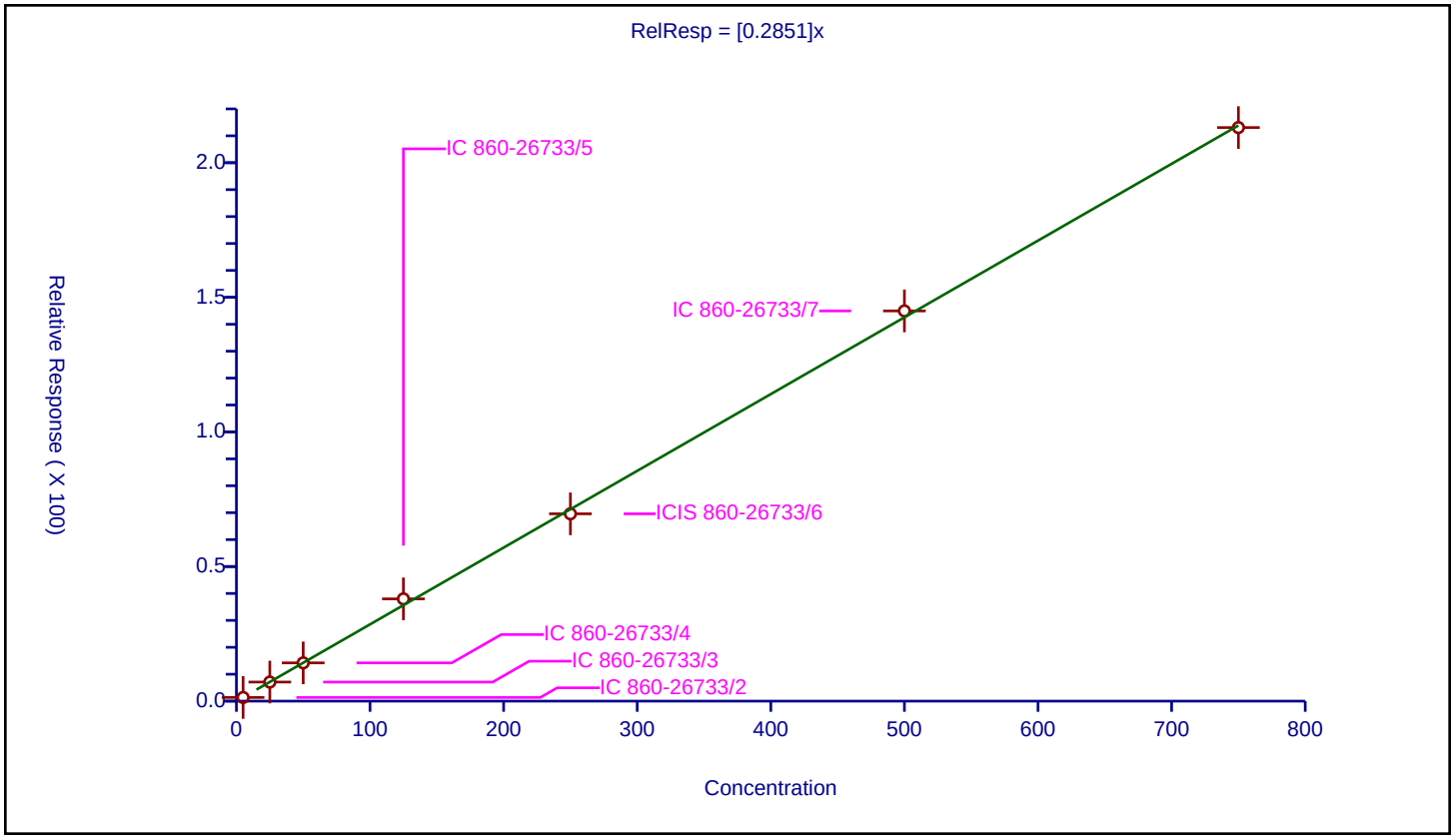
Curve Coefficients

Intercept:	0
Slope:	0.2851

Error Coefficients

Standard Error:	5300000
Relative Standard Error:	3.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	5.0	1.358391	50.0	1874755.0	0.271678	Y
2	IC 860-26733/3	25.0	7.092165	50.0	1862506.0	0.283687	Y
3	IC 860-26733/4	50.0	14.216958	50.0	1920344.0	0.284339	Y
4	IC 860-26733/5	125.0	37.98259	50.0	2122583.0	0.303861	Y
5	ICIS 860-26733/6	250.0	69.584252	50.0	2210184.0	0.278337	Y
6	IC 860-26733/7	500.0	144.952173	50.0	2296384.0	0.289904	Y
7	IC 860-26733/8	750.0	213.063763	50.0	2484135.0	0.284085	Y



Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

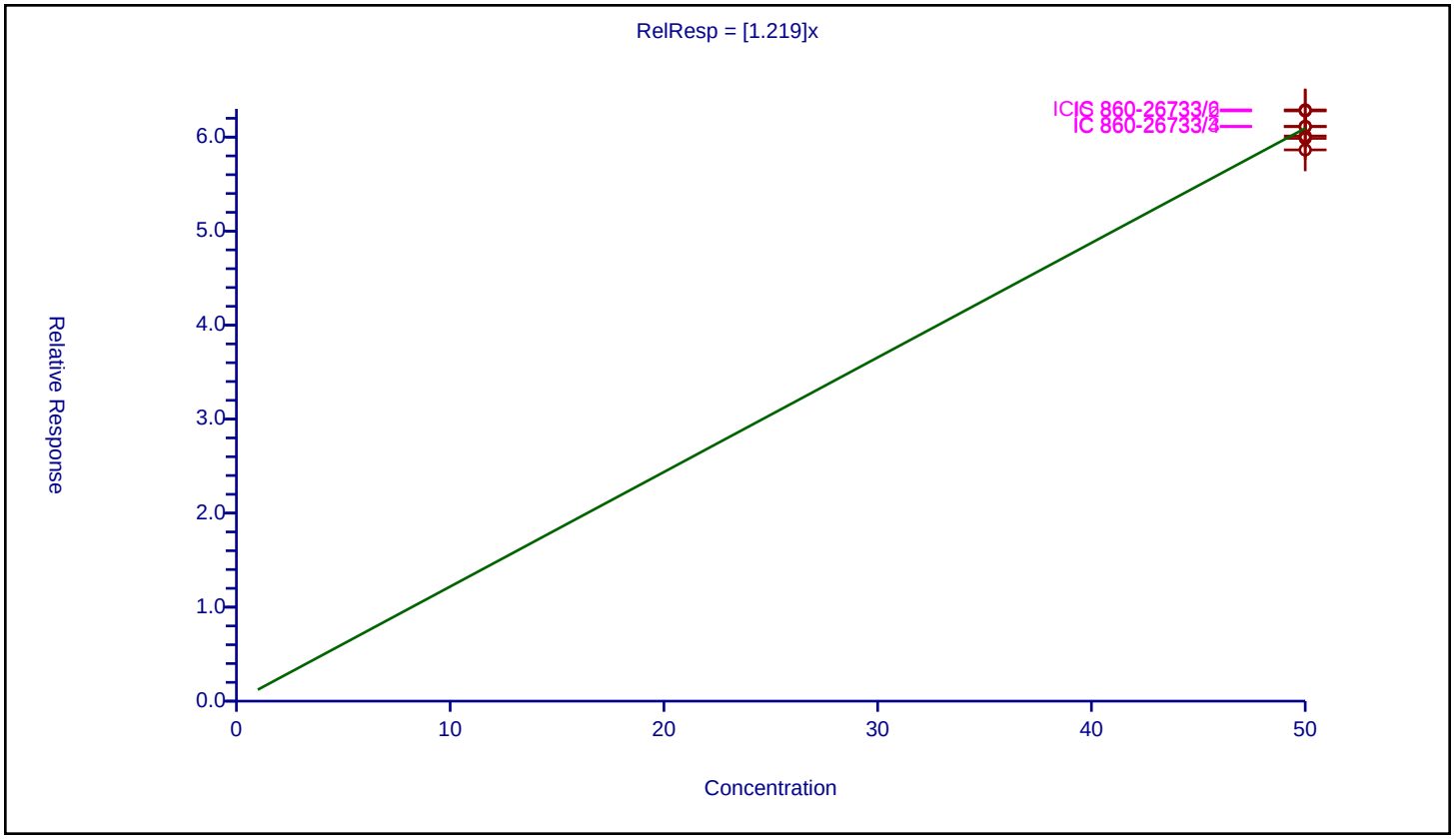
Curve Coefficients

Intercept:	0
Slope:	1.219

Error Coefficients

Standard Error:	2650000
Relative Standard Error:	2.5
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	50.0	62.784877	50.0	1717674.0	1.255698	Y
2	IC 860-26733/3	50.0	61.141694	50.0	1766760.0	1.222834	Y
3	IC 860-26733/4	50.0	61.100697	50.0	1863338.0	1.222014	Y
4	IC 860-26733/5	50.0	60.116251	50.0	2081443.0	1.202325	Y
5	ICIS 860-26733/6	50.0	62.891802	50.0	2025927.0	1.257836	Y
6	IC 860-26733/7	50.0	59.860457	50.0	2222397.0	1.197209	Y
7	IC 860-26733/8	50.0	58.639022	50.0	2403154.0	1.17278	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

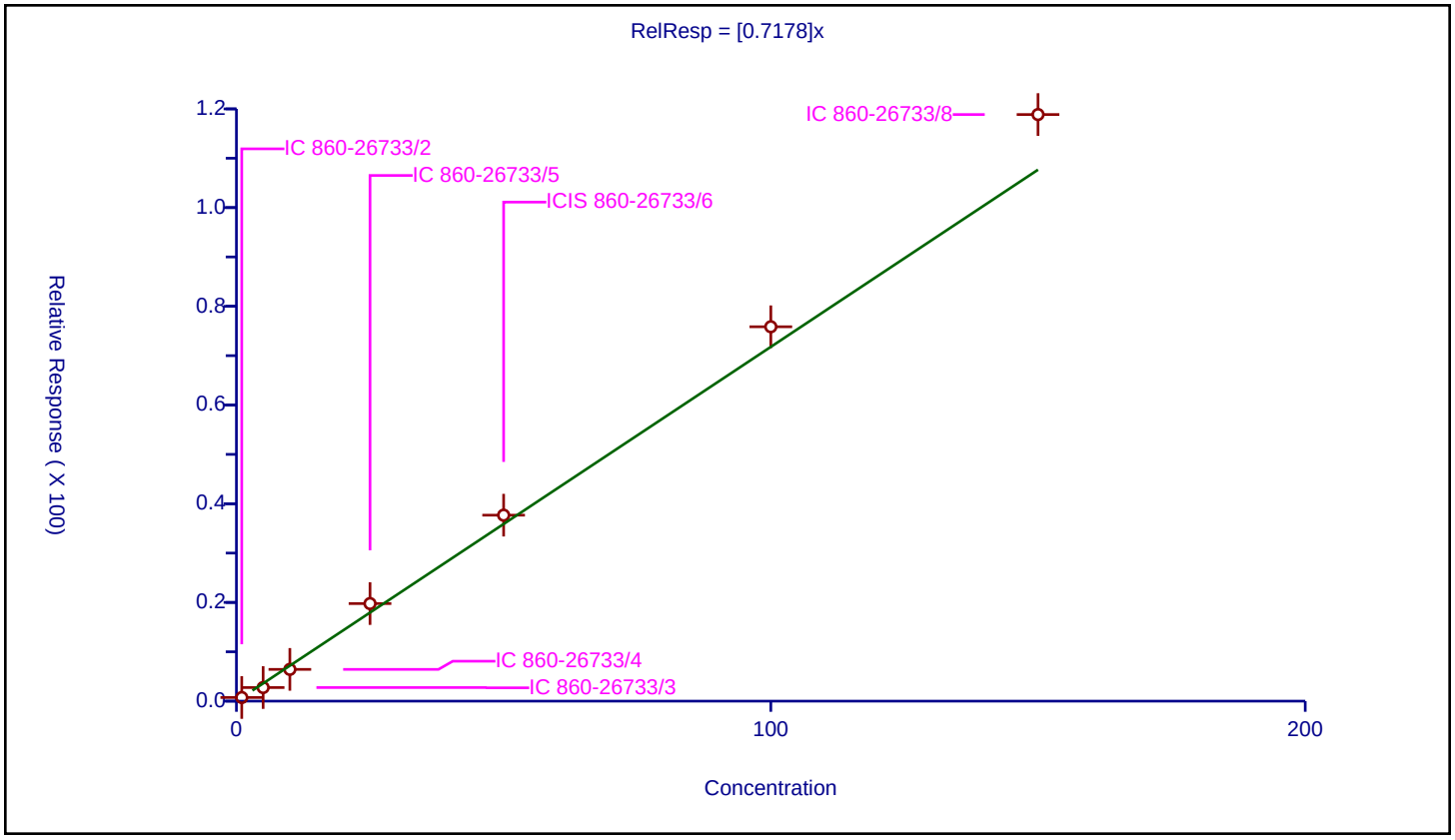
Curve Coefficients

Intercept:	0
Slope:	0.7178

Error Coefficients

Standard Error:	2800000
Relative Standard Error:	12.4
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	0.734627	50.0	1717674.0	0.734627	Y
2	IC 860-26733/3	5.0	2.75643	50.0	1766760.0	0.551286	Y
3	IC 860-26733/4	10.0	6.435628	50.0	1863338.0	0.643563	Y
4	IC 860-26733/5	25.0	19.769938	50.0	2081443.0	0.790798	Y
5	ICIS 860-26733/6	50.0	37.682972	50.0	2025927.0	0.753659	Y
6	IC 860-26733/7	100.0	75.855934	50.0	2222397.0	0.758559	Y
7	IC 860-26733/8	150.0	118.855346	50.0	2403154.0	0.792369	Y



Calibration / trans-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

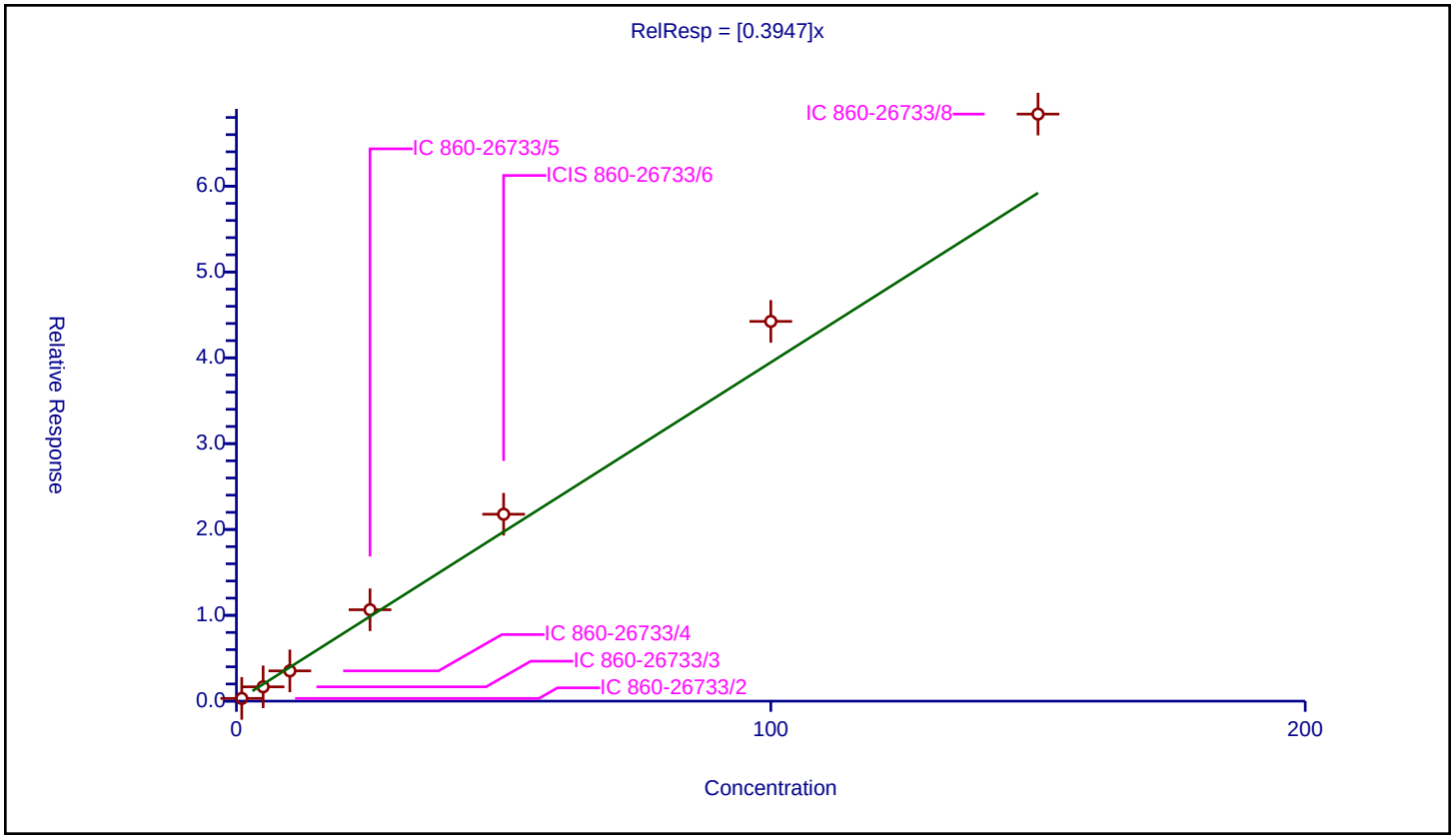
Curve Coefficients

Intercept:	0
Slope:	0.3947

Error Coefficients

Standard Error:	1620000
Relative Standard Error:	14.7
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	0.316591	50.0	1717674.0	0.316591	Y
2	IC 860-26733/3	5.0	1.669185	50.0	1766760.0	0.333837	Y
3	IC 860-26733/4	10.0	3.527379	50.0	1863338.0	0.352738	Y
4	IC 860-26733/5	25.0	10.646436	50.0	2081443.0	0.425857	Y
5	ICIS 860-26733/6	50.0	21.774304	50.0	2025927.0	0.435486	Y
6	IC 860-26733/7	100.0	44.239576	50.0	2222397.0	0.442396	Y
7	IC 860-26733/8	150.0	68.393495	50.0	2403154.0	0.455957	Y



Calibration / Ethyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

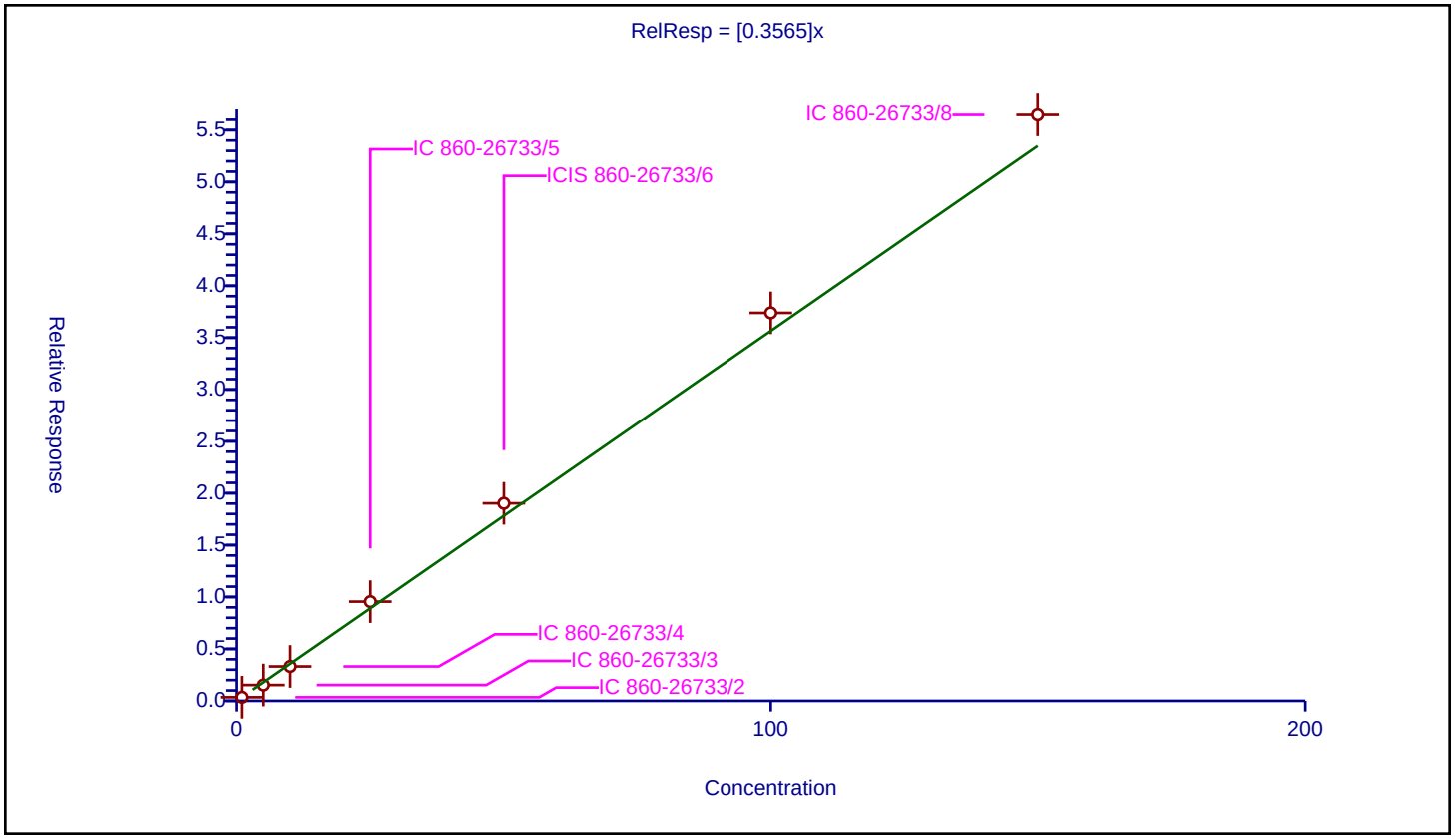
Curve Coefficients

Intercept:	0
Slope:	0.3565

Error Coefficients

Standard Error:	1350000
Relative Standard Error:	8.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	0.346457	50.0	1717674.0	0.346457	Y
2	IC 860-26733/3	5.0	1.52341	50.0	1766760.0	0.304682	Y
3	IC 860-26733/4	10.0	3.310859	50.0	1863338.0	0.331086	Y
4	IC 860-26733/5	25.0	9.554189	50.0	2081443.0	0.382168	Y
5	ICIS 860-26733/6	50.0	19.027339	50.0	2025927.0	0.380547	Y
6	IC 860-26733/7	100.0	37.390124	50.0	2222397.0	0.373901	Y
7	IC 860-26733/8	150.0	56.468541	50.0	2403154.0	0.376457	Y



Calibration / 1,1,2-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

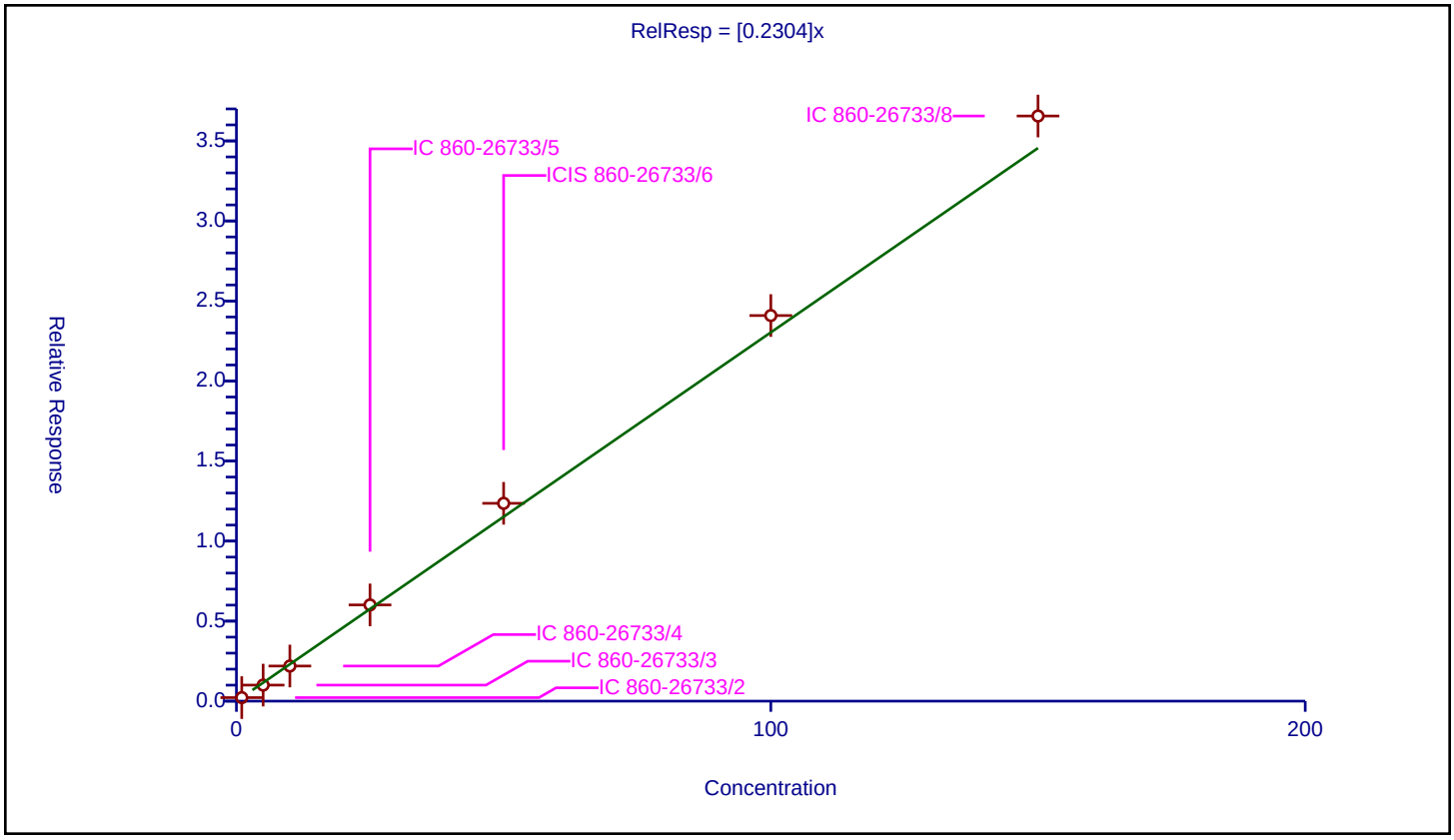
Curve Coefficients

Intercept:	0
Slope:	0.2304

Error Coefficients

Standard Error:	871000
Relative Standard Error:	7.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	0.220385	50.0	1717674.0	0.220385	Y
2	IC 860-26733/3	5.0	1.002966	50.0	1766760.0	0.200593	Y
3	IC 860-26733/4	10.0	2.193859	50.0	1863338.0	0.219386	Y
4	IC 860-26733/5	25.0	6.010782	50.0	2081443.0	0.240431	Y
5	ICIS 860-26733/6	50.0	12.358639	50.0	2025927.0	0.247173	Y
6	IC 860-26733/7	100.0	24.088743	50.0	2222397.0	0.240887	Y
7	IC 860-26733/8	150.0	36.55519	50.0	2403154.0	0.243701	Y



Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

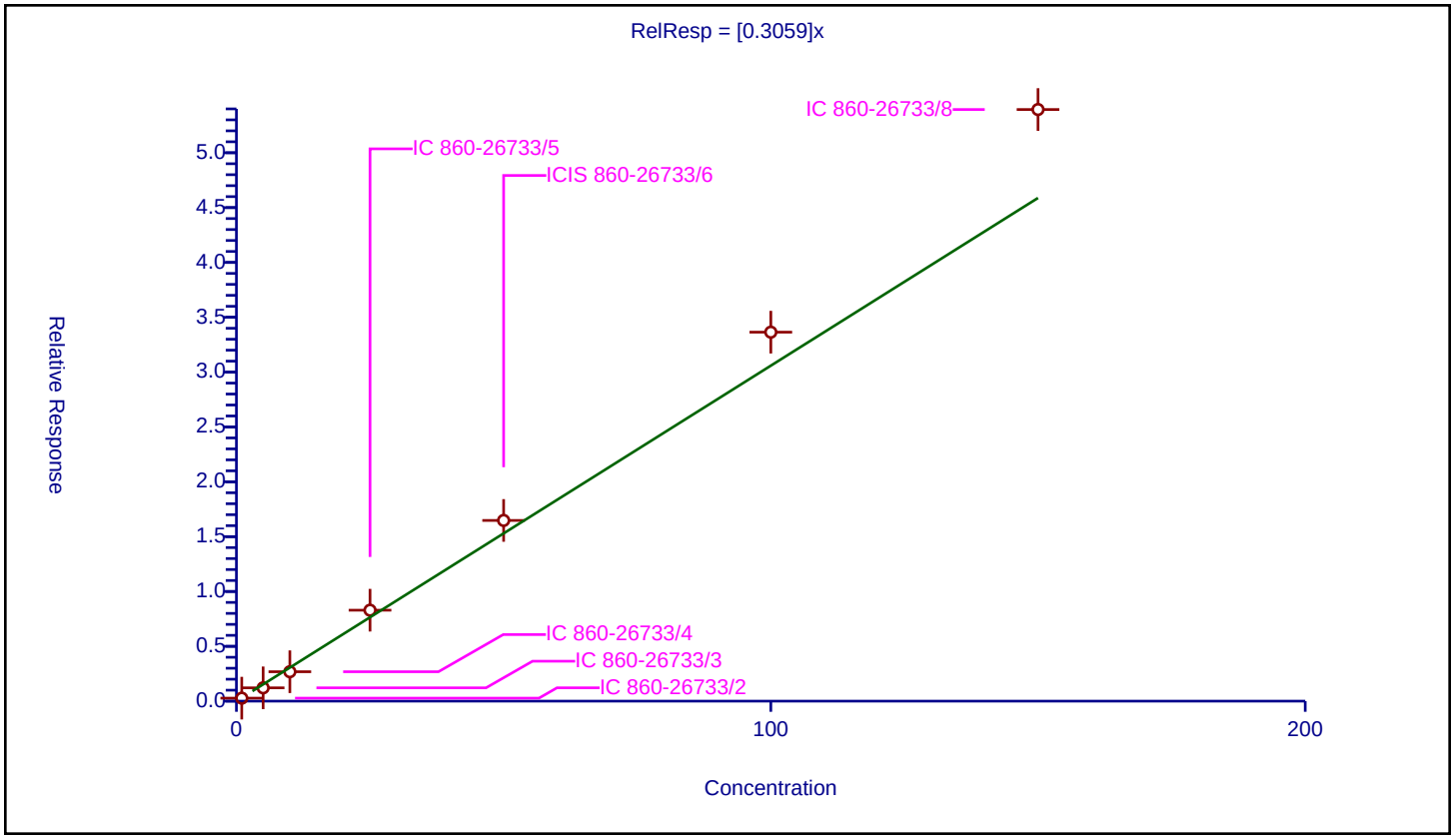
Curve Coefficients

Intercept:	0
Slope:	0.3059

Error Coefficients

Standard Error:	1260000
Relative Standard Error:	14.3
Correlation Coefficient:	0.991
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	0.272753	50.0	1717674.0	0.272753	Y
2	IC 860-26733/3	5.0	1.213719	50.0	1766760.0	0.242744	Y
3	IC 860-26733/4	10.0	2.683034	50.0	1863338.0	0.268303	Y
4	IC 860-26733/5	25.0	8.292949	50.0	2081443.0	0.331718	Y
5	ICIS 860-26733/6	50.0	16.476482	50.0	2025927.0	0.32953	Y
6	IC 860-26733/7	100.0	33.642009	50.0	2222397.0	0.33642	Y
7	IC 860-26733/8	150.0	53.942735	50.0	2403154.0	0.359618	Y



Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

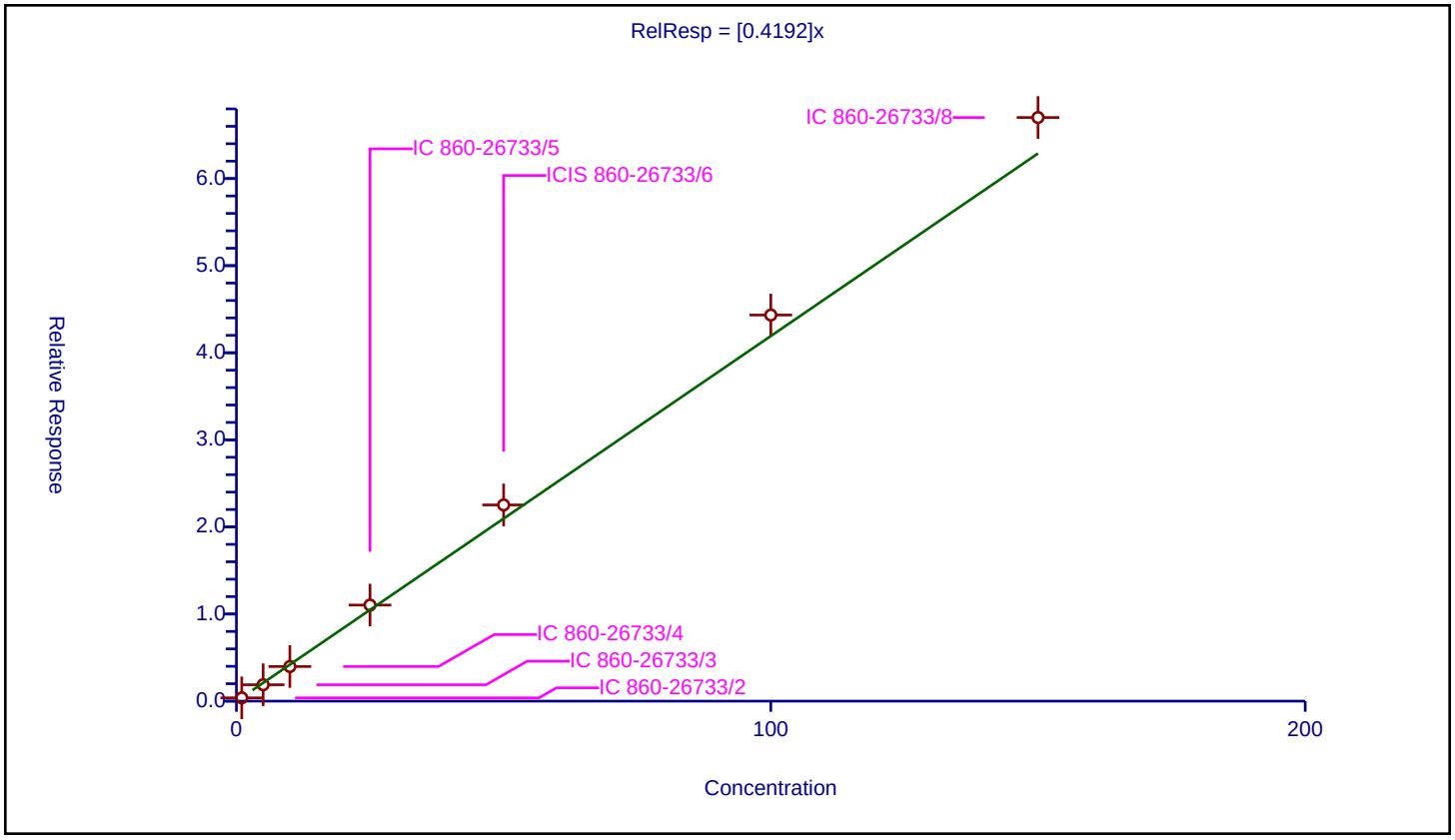
Curve Coefficients

Intercept:	0
Slope:	0.4192

Error Coefficients

Standard Error:	1600000
Relative Standard Error:	8.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	0.37903	50.0	1717674.0	0.37903	Y
2	IC 860-26733/3	5.0	1.881155	50.0	1766760.0	0.376231	Y
3	IC 860-26733/4	10.0	3.973729	50.0	1863338.0	0.397373	Y
4	IC 860-26733/5	25.0	11.031698	50.0	2081443.0	0.441268	Y
5	ICIS 860-26733/6	50.0	22.526281	50.0	2025927.0	0.450526	Y
6	IC 860-26733/7	100.0	44.331976	50.0	2222397.0	0.44332	Y
7	IC 860-26733/8	150.0	67.00794	50.0	2403154.0	0.44672	Y



Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

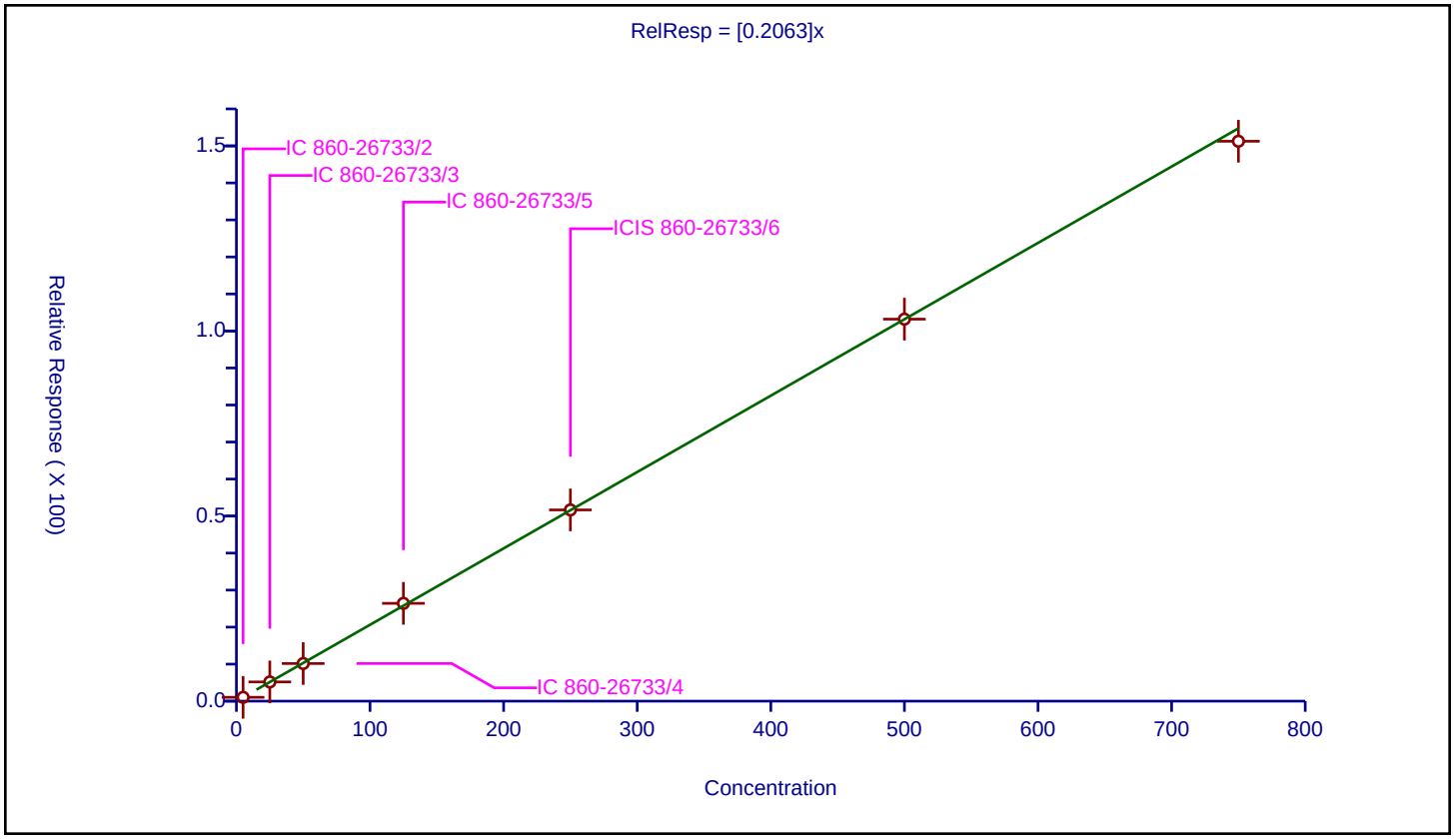
Curve Coefficients

Intercept:	0
Slope:	0.2063

Error Coefficients

Standard Error:	3640000
Relative Standard Error:	1.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	5.0	1.036023	50.0	1717674.0	0.207205	Y
2	IC 860-26733/3	25.0	5.190971	50.0	1766760.0	0.207639	Y
3	IC 860-26733/4	50.0	10.16442	50.0	1863338.0	0.203288	Y
4	IC 860-26733/5	125.0	26.421069	50.0	2081443.0	0.211369	Y
5	ICIS 860-26733/6	250.0	51.660746	50.0	2025927.0	0.206643	Y
6	IC 860-26733/7	500.0	103.201183	50.0	2222397.0	0.206402	Y
7	IC 860-26733/8	750.0	151.259865	50.0	2403154.0	0.20168	Y



Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

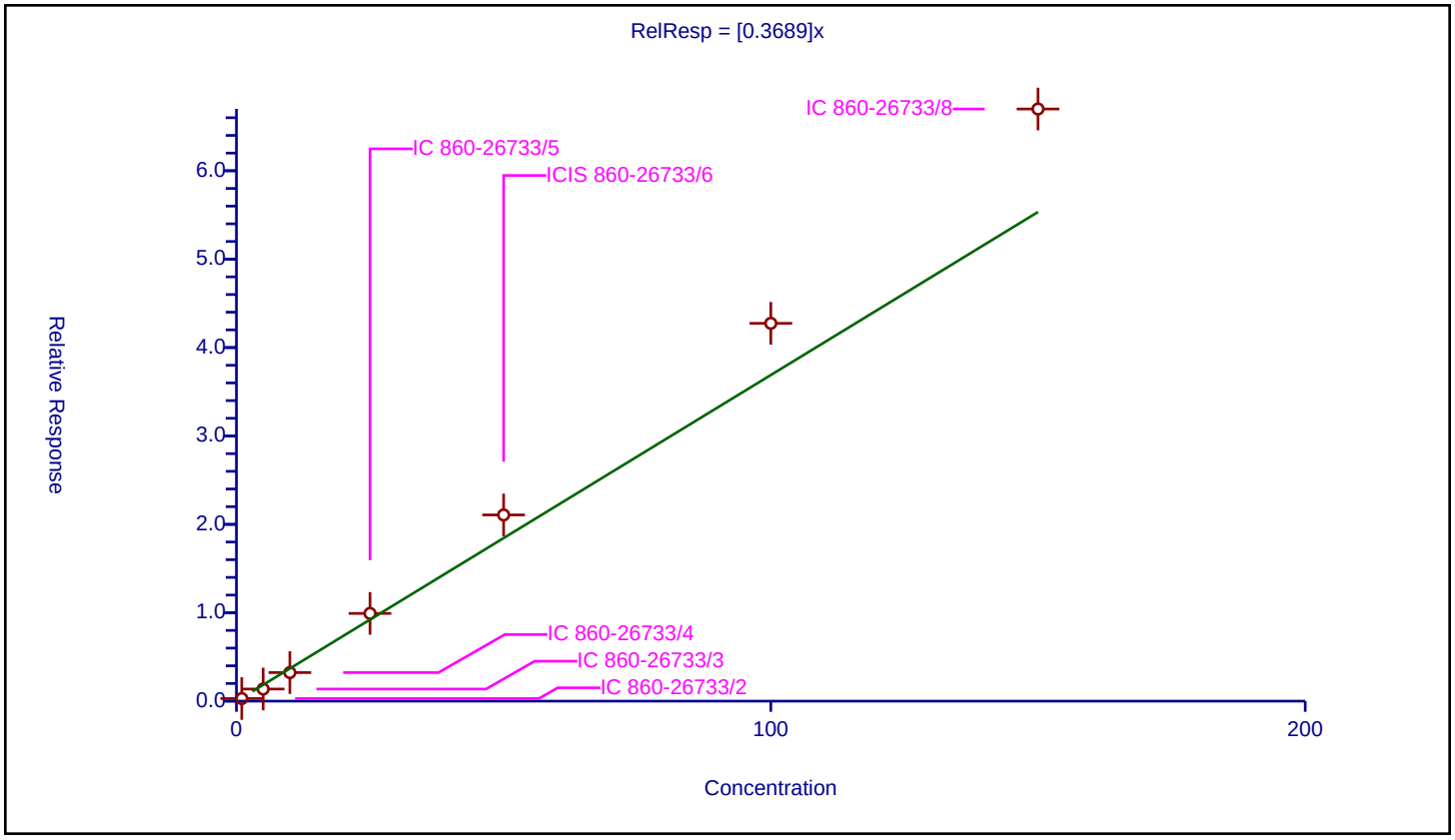
Curve Coefficients

Intercept:	0
Slope:	0.3689

Error Coefficients

Standard Error:	1580000
Relative Standard Error:	19.1
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.964

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	0.293391	50.0	1717674.0	0.293391	Y
2	IC 860-26733/3	5.0	1.368296	50.0	1766760.0	0.273659	Y
3	IC 860-26733/4	10.0	3.230842	50.0	1863338.0	0.323084	Y
4	IC 860-26733/5	25.0	9.922299	50.0	2081443.0	0.396892	Y
5	ICIS 860-26733/6	50.0	21.066825	50.0	2025927.0	0.421337	Y
6	IC 860-26733/7	100.0	42.740406	50.0	2222397.0	0.427404	Y
7	IC 860-26733/8	150.0	66.989153	50.0	2403154.0	0.446594	Y



Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

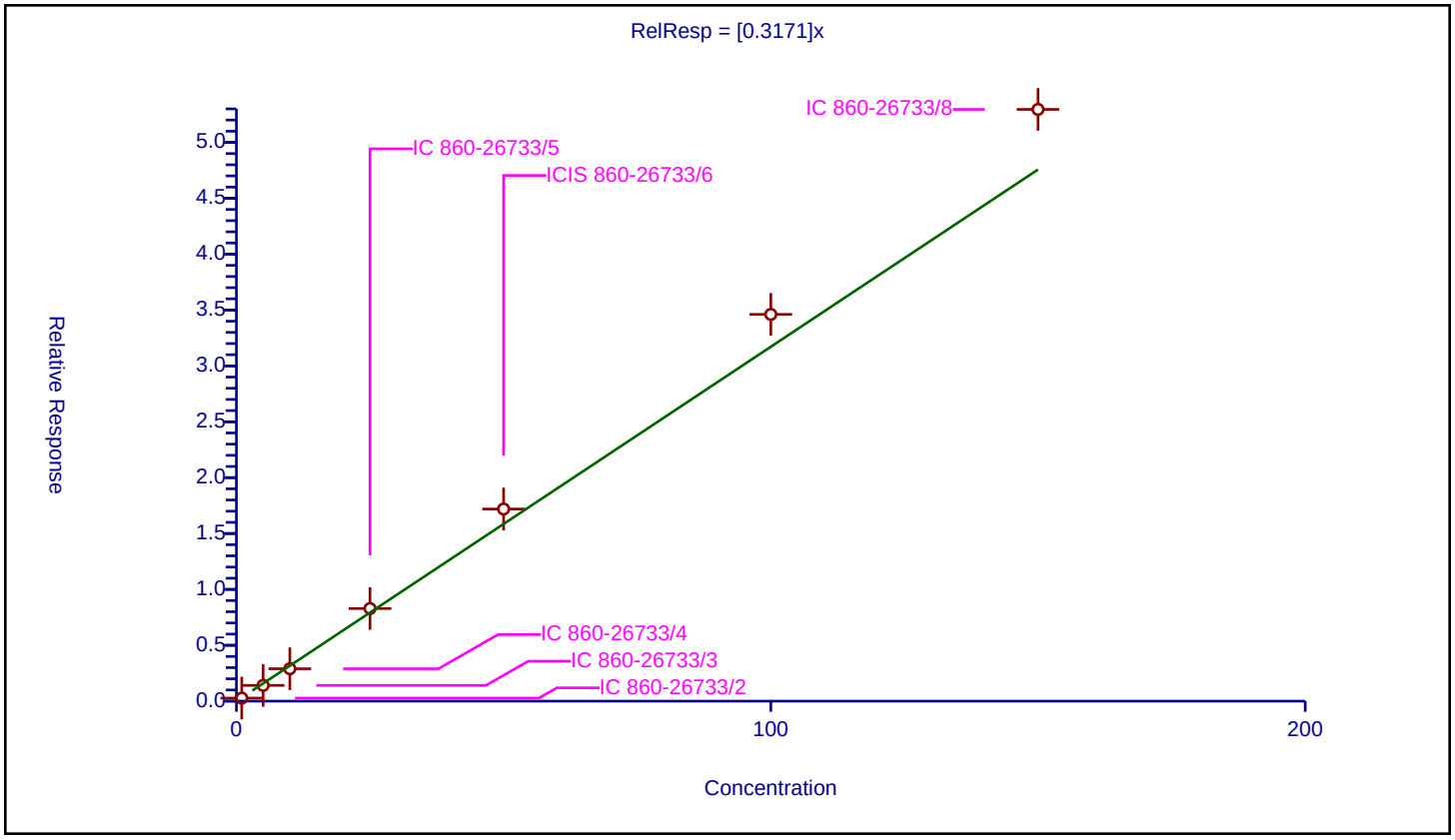
Curve Coefficients

Intercept:	0
Slope:	0.3171

Error Coefficients

Standard Error:	1260000
Relative Standard Error:	10.7
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	0.273364	50.0	1717674.0	0.273364	Y
2	IC 860-26733/3	5.0	1.409614	50.0	1766760.0	0.281923	Y
3	IC 860-26733/4	10.0	2.90052	50.0	1863338.0	0.290052	Y
4	IC 860-26733/5	25.0	8.288937	50.0	2081443.0	0.331557	Y
5	ICIS 860-26733/6	50.0	17.194006	50.0	2025927.0	0.34388	Y
6	IC 860-26733/7	100.0	34.609658	50.0	2222397.0	0.346097	Y
7	IC 860-26733/8	150.0	52.95212	50.0	2403154.0	0.353014	Y



Calibration / 1-Chlorohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

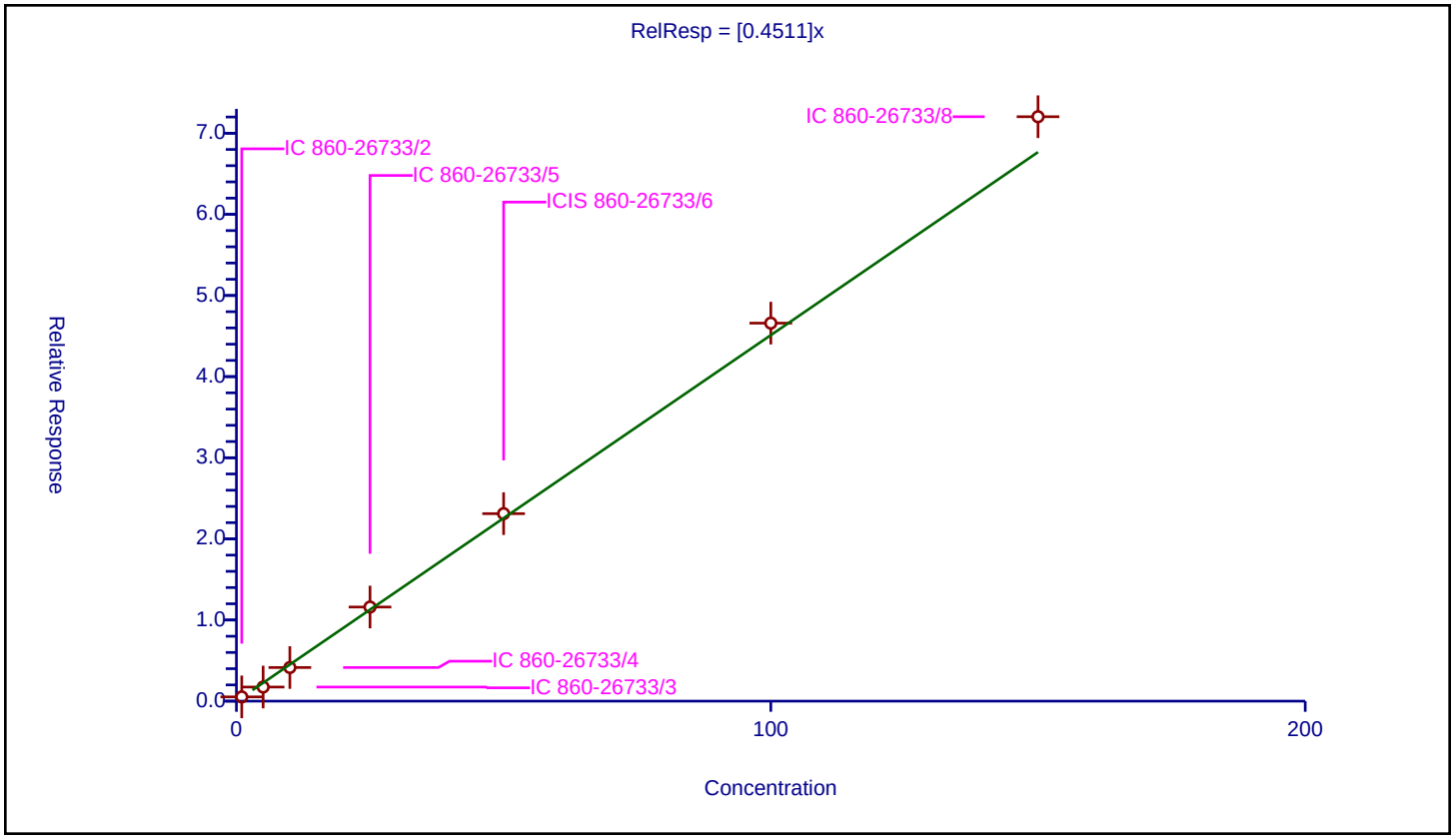
Curve Coefficients

Intercept:	0
Slope:	0.4511

Error Coefficients

Standard Error:	1700000
Relative Standard Error:	12.4
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	0.523499	50.0	1717674.0	0.523499	Y
2	IC 860-26733/3	5.0	1.737503	50.0	1766760.0	0.347501	Y
3	IC 860-26733/4	10.0	4.146054	50.0	1863338.0	0.414605	Y
4	IC 860-26733/5	25.0	11.599597	50.0	2081443.0	0.463984	Y
5	ICIS 860-26733/6	50.0	23.109643	50.0	2025927.0	0.462193	Y
6	IC 860-26733/7	100.0	46.593565	50.0	2222397.0	0.465936	Y
7	IC 860-26733/8	150.0	72.036207	50.0	2403154.0	0.480241	Y



Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

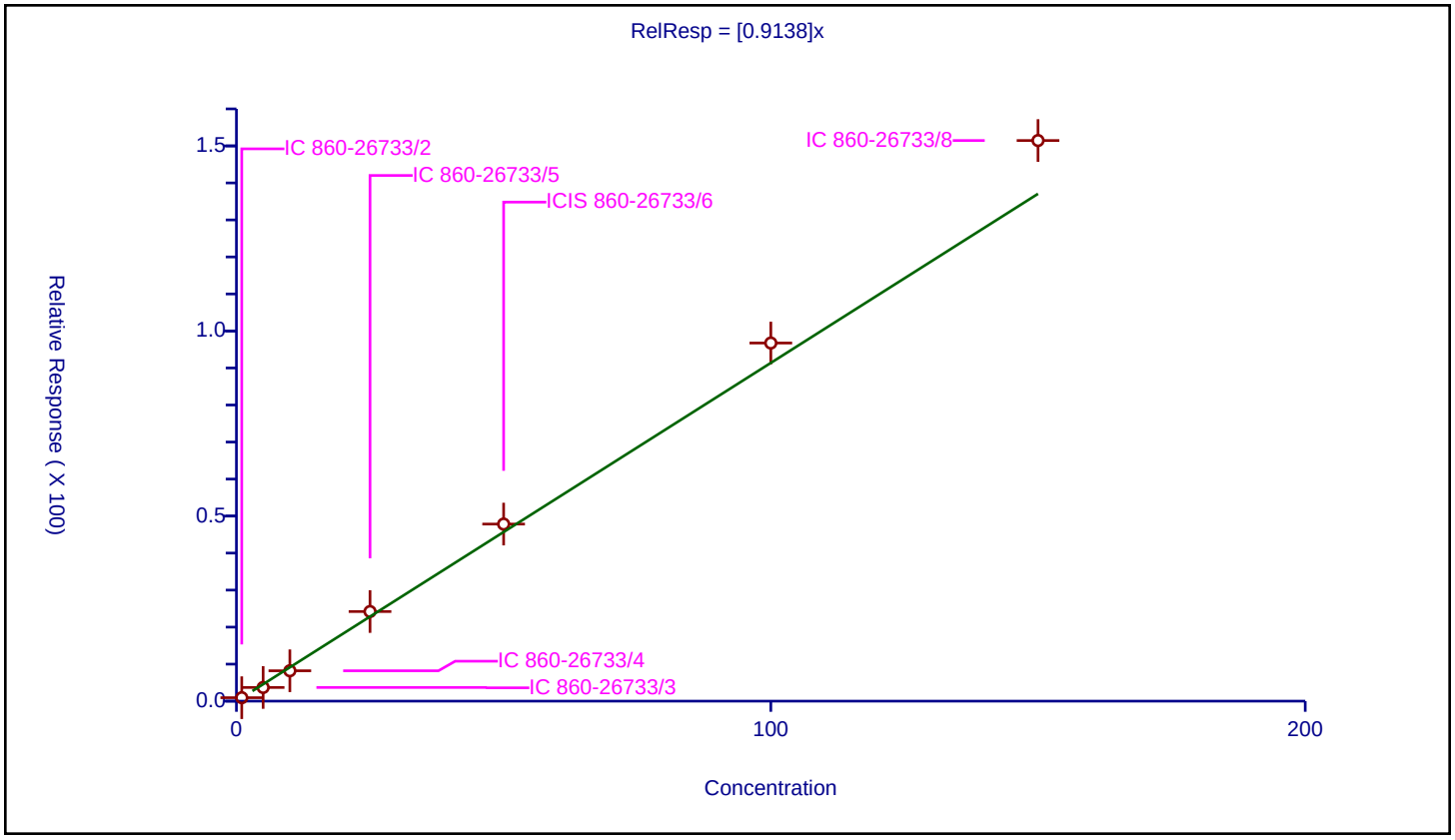
Curve Coefficients

Intercept:	0
Slope:	0.9138

Error Coefficients

Standard Error:	3570000
Relative Standard Error:	10.7
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	0.935306	50.0	1717674.0	0.935306	Y
2	IC 860-26733/3	5.0	3.691616	50.0	1766760.0	0.738323	Y
3	IC 860-26733/4	10.0	8.204953	50.0	1863338.0	0.820495	Y
4	IC 860-26733/5	25.0	24.208278	50.0	2081443.0	0.968331	Y
5	ICIS 860-26733/6	50.0	47.835114	50.0	2025927.0	0.956702	Y
6	IC 860-26733/7	100.0	96.745968	50.0	2222397.0	0.96746	Y
7	IC 860-26733/8	150.0	151.450968	50.0	2403154.0	1.009673	Y



Calibration / 1,1,1,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

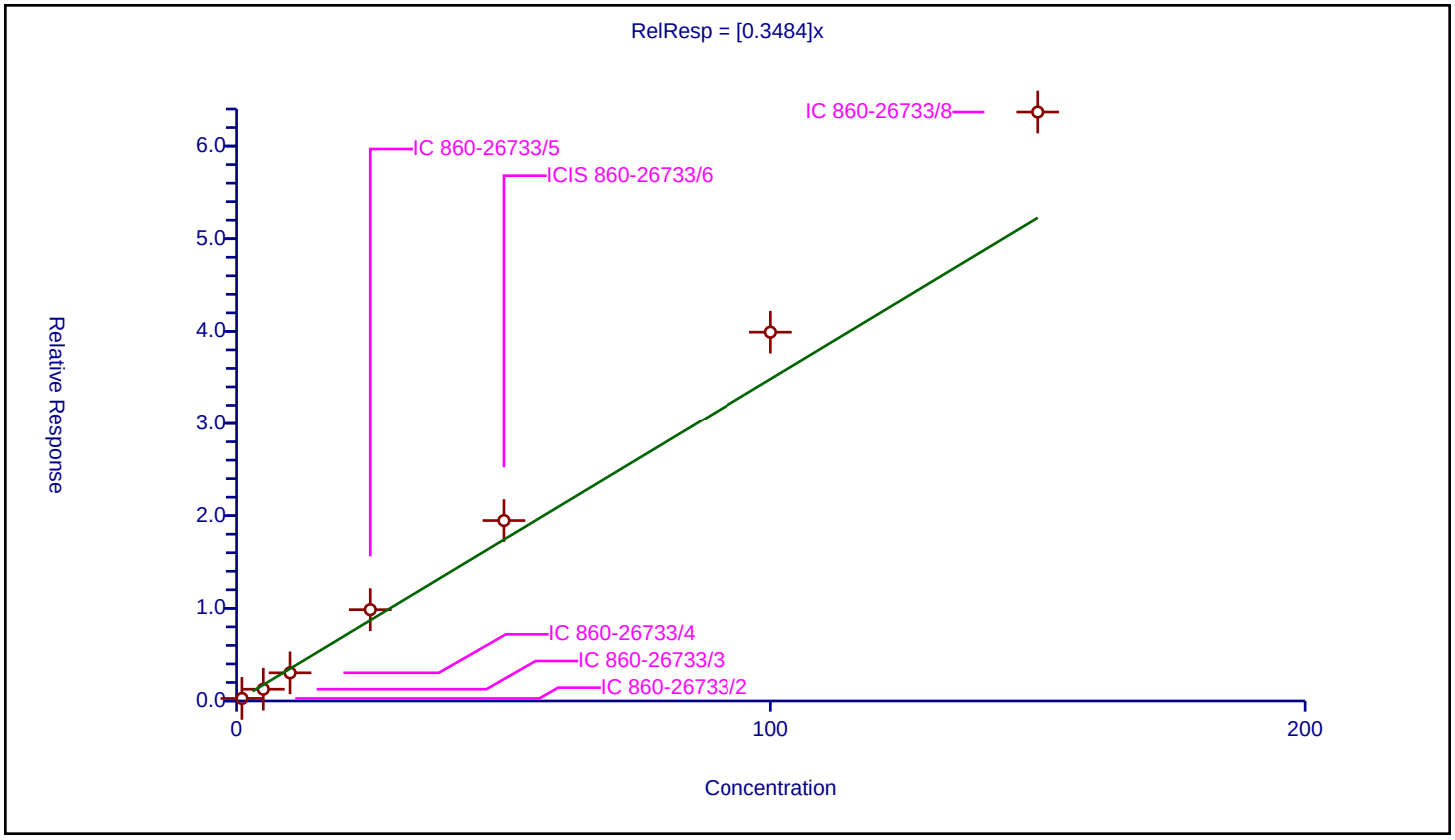
Curve Coefficients

Intercept:	0
Slope:	0.3484

Error Coefficients

Standard Error:	1490000
Relative Standard Error:	19.8
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.961

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	0.273509	50.0	1717674.0	0.273509	Y
2	IC 860-26733/3	5.0	1.270461	50.0	1766760.0	0.254092	Y
3	IC 860-26733/4	10.0	3.039921	50.0	1863338.0	0.303992	Y
4	IC 860-26733/5	25.0	9.855134	50.0	2081443.0	0.394205	Y
5	ICIS 860-26733/6	50.0	19.473555	50.0	2025927.0	0.389471	Y
6	IC 860-26733/7	100.0	39.913301	50.0	2222397.0	0.399133	Y
7	IC 860-26733/8	150.0	63.674051	50.0	2403154.0	0.424494	Y



Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

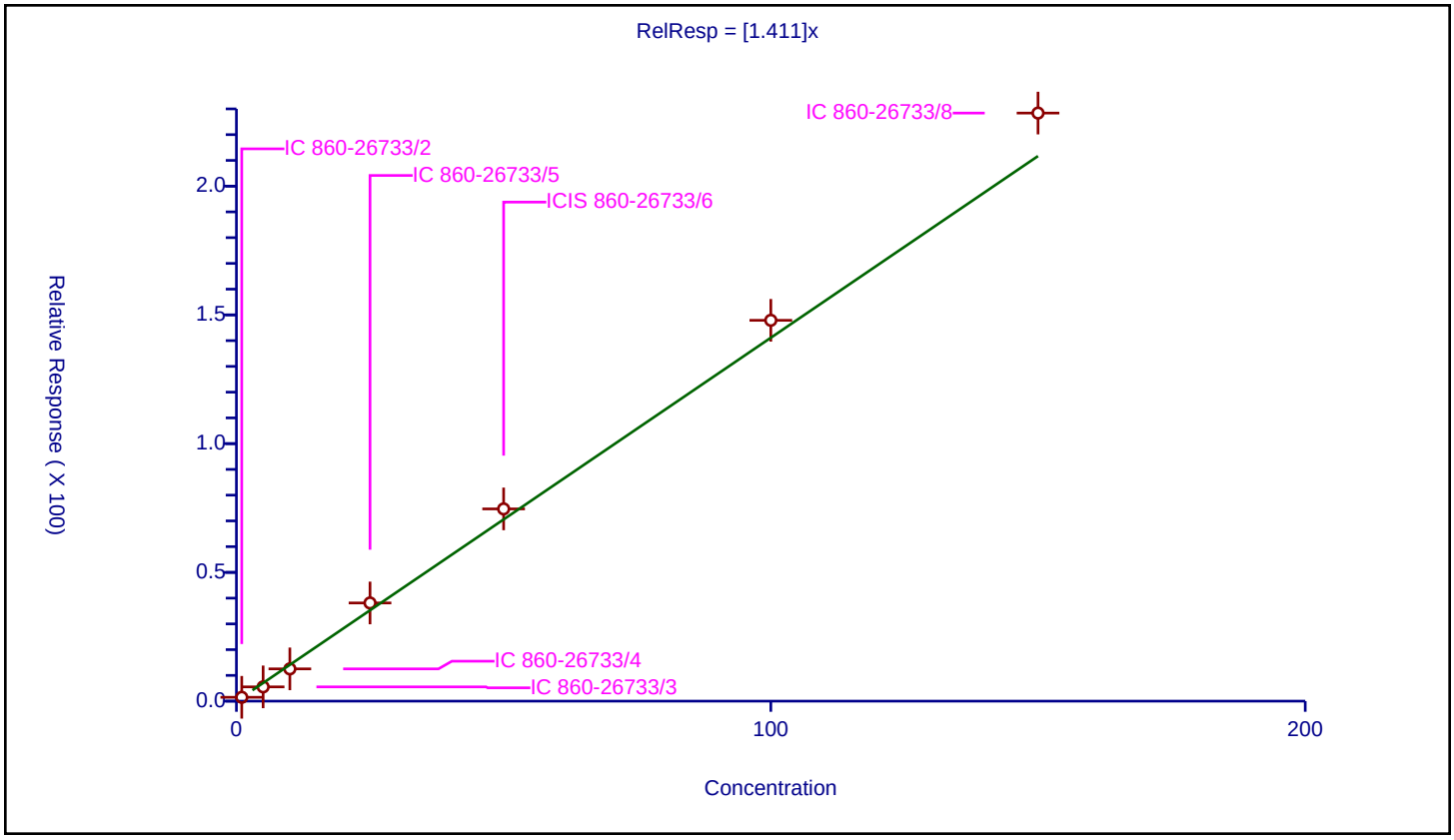
Curve Coefficients

Intercept:	0
Slope:	1.411

Error Coefficients

Standard Error:	5410000
Relative Standard Error:	11.6
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	1.497083	50.0	1717674.0	1.497083	Y
2	IC 860-26733/3	5.0	5.543113	50.0	1766760.0	1.108623	Y
3	IC 860-26733/4	10.0	12.53377	50.0	1863338.0	1.253377	Y
4	IC 860-26733/5	25.0	38.127804	50.0	2081443.0	1.525112	Y
5	ICIS 860-26733/6	50.0	74.655577	50.0	2025927.0	1.493112	Y
6	IC 860-26733/7	100.0	147.891826	50.0	2222397.0	1.478918	Y
7	IC 860-26733/8	150.0	228.375897	50.0	2403154.0	1.522506	Y



Calibration / m-Xylene & p-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

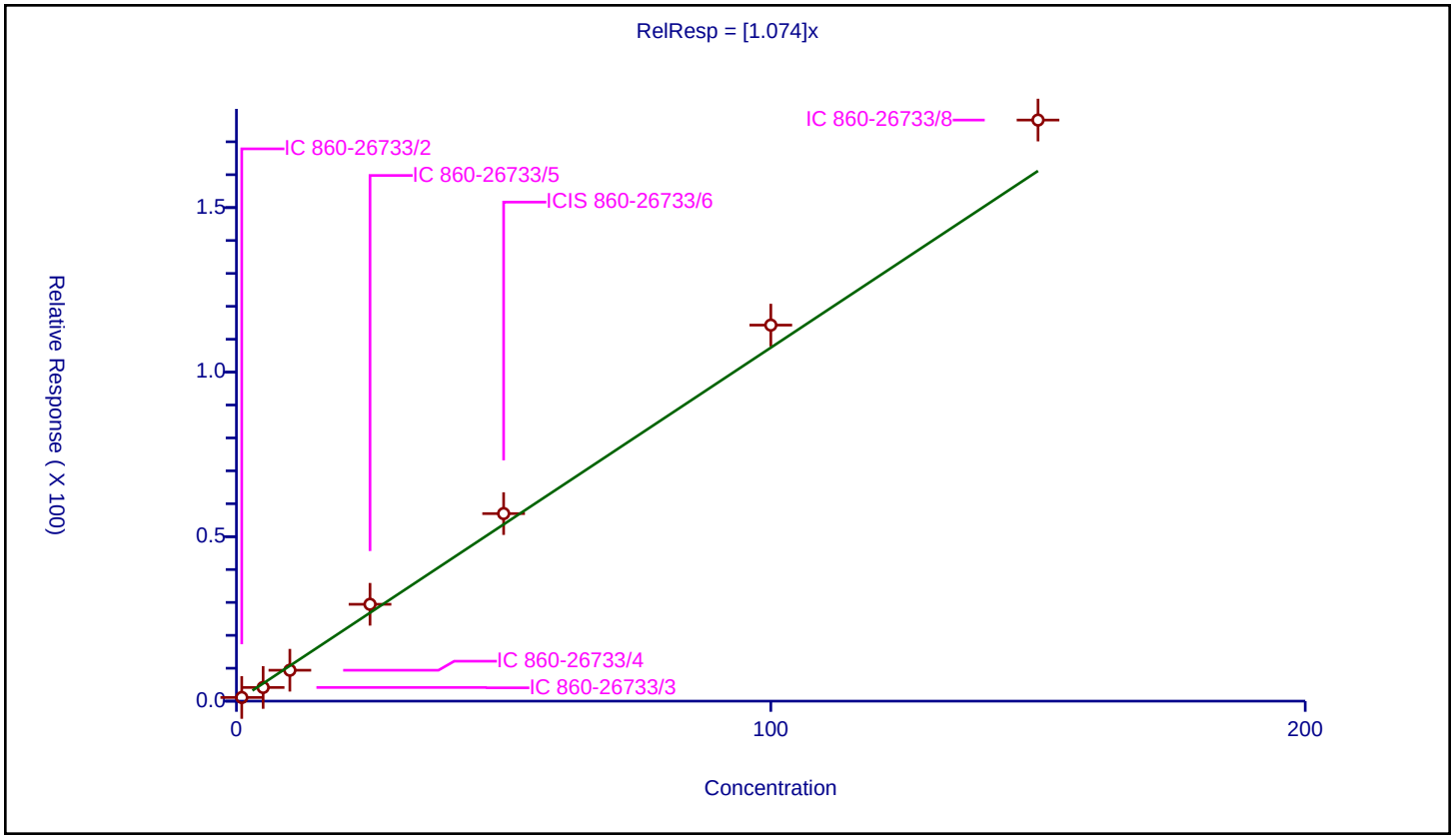
Curve Coefficients

Intercept:	0
Slope:	1.074

Error Coefficients

Standard Error:	4180000
Relative Standard Error:	12.5
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	1.112085	50.0	1717674.0	1.112085	Y
2	IC 860-26733/3	5.0	4.157412	50.0	1766760.0	0.831482	Y
3	IC 860-26733/4	10.0	9.393787	50.0	1863338.0	0.939379	Y
4	IC 860-26733/5	25.0	29.433835	50.0	2081443.0	1.177353	Y
5	ICIS 860-26733/6	50.0	57.000845	50.0	2025927.0	1.140017	Y
6	IC 860-26733/7	100.0	114.282484	50.0	2222397.0	1.142825	Y
7	IC 860-26733/8	150.0	176.607554	50.0	2403154.0	1.177384	Y



Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

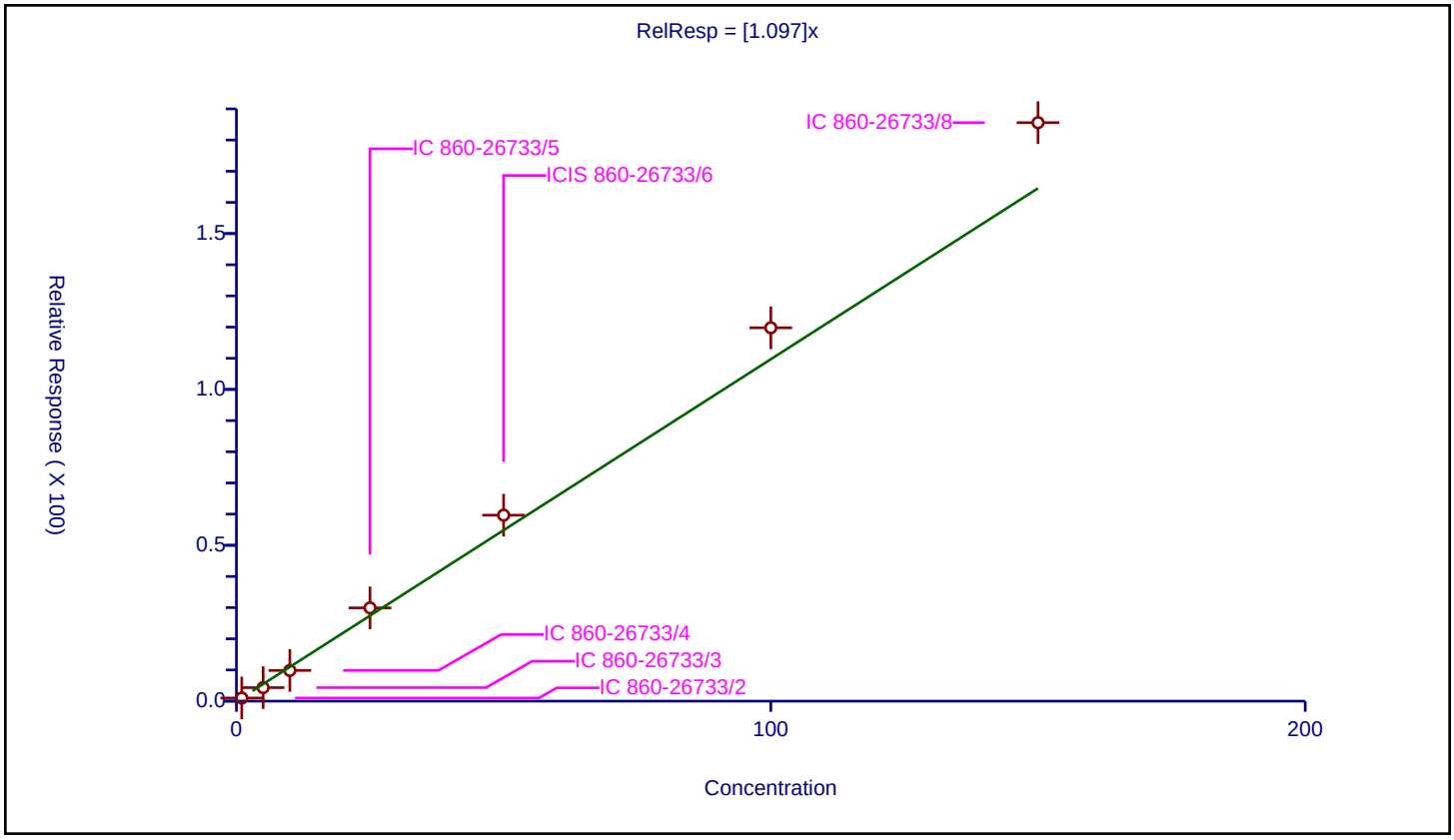
Curve Coefficients

Intercept:	0
Slope:	1.097

Error Coefficients

Standard Error:	4390000
Relative Standard Error:	13.1
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	1.001616	50.0	1717674.0	1.001616	Y
2	IC 860-26733/3	5.0	4.336243	50.0	1766760.0	0.867249	Y
3	IC 860-26733/4	10.0	9.844457	50.0	1863338.0	0.984446	Y
4	IC 860-26733/5	25.0	29.917298	50.0	2081443.0	1.196692	Y
5	ICIS 860-26733/6	50.0	59.664934	50.0	2025927.0	1.193299	Y
6	IC 860-26733/7	100.0	119.771422	50.0	2222397.0	1.197714	Y
7	IC 860-26733/8	150.0	185.57866	50.0	2403154.0	1.237191	Y



Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

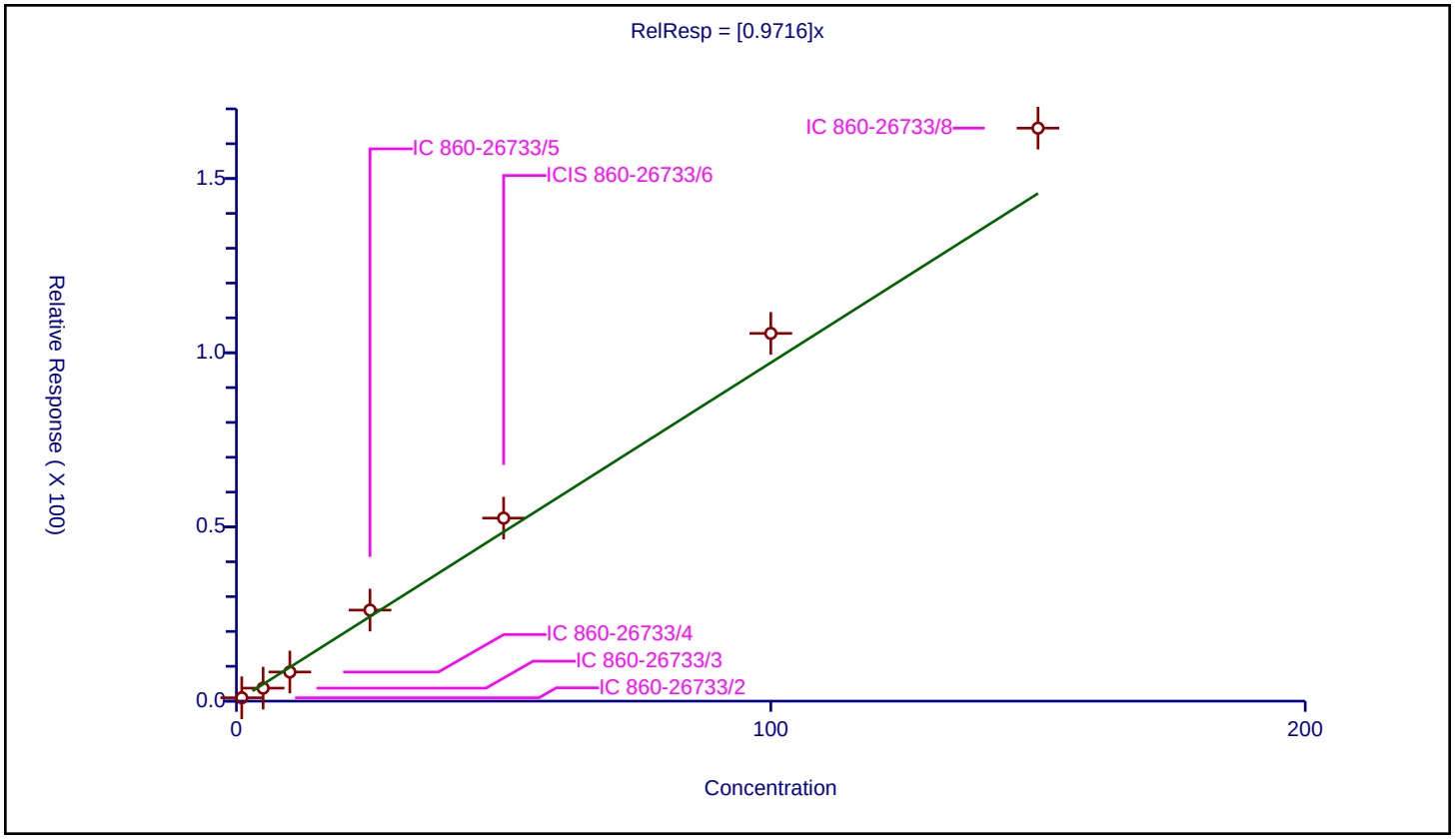
Curve Coefficients

Intercept:	0
Slope:	0.9716

Error Coefficients

Standard Error:	3880000
Relative Standard Error:	13.5
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	0.96881	50.0	1717674.0	0.96881	Y
2	IC 860-26733/3	5.0	3.737944	50.0	1766760.0	0.747589	Y
3	IC 860-26733/4	10.0	8.363968	50.0	1863338.0	0.836397	Y
4	IC 860-26733/5	25.0	26.132952	50.0	2081443.0	1.045318	Y
5	ICIS 860-26733/6	50.0	52.533581	50.0	2025927.0	1.050672	Y
6	IC 860-26733/7	100.0	105.559313	50.0	2222397.0	1.055593	Y
7	IC 860-26733/8	150.0	164.474853	50.0	2403154.0	1.096499	Y



Calibration / Bromoform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

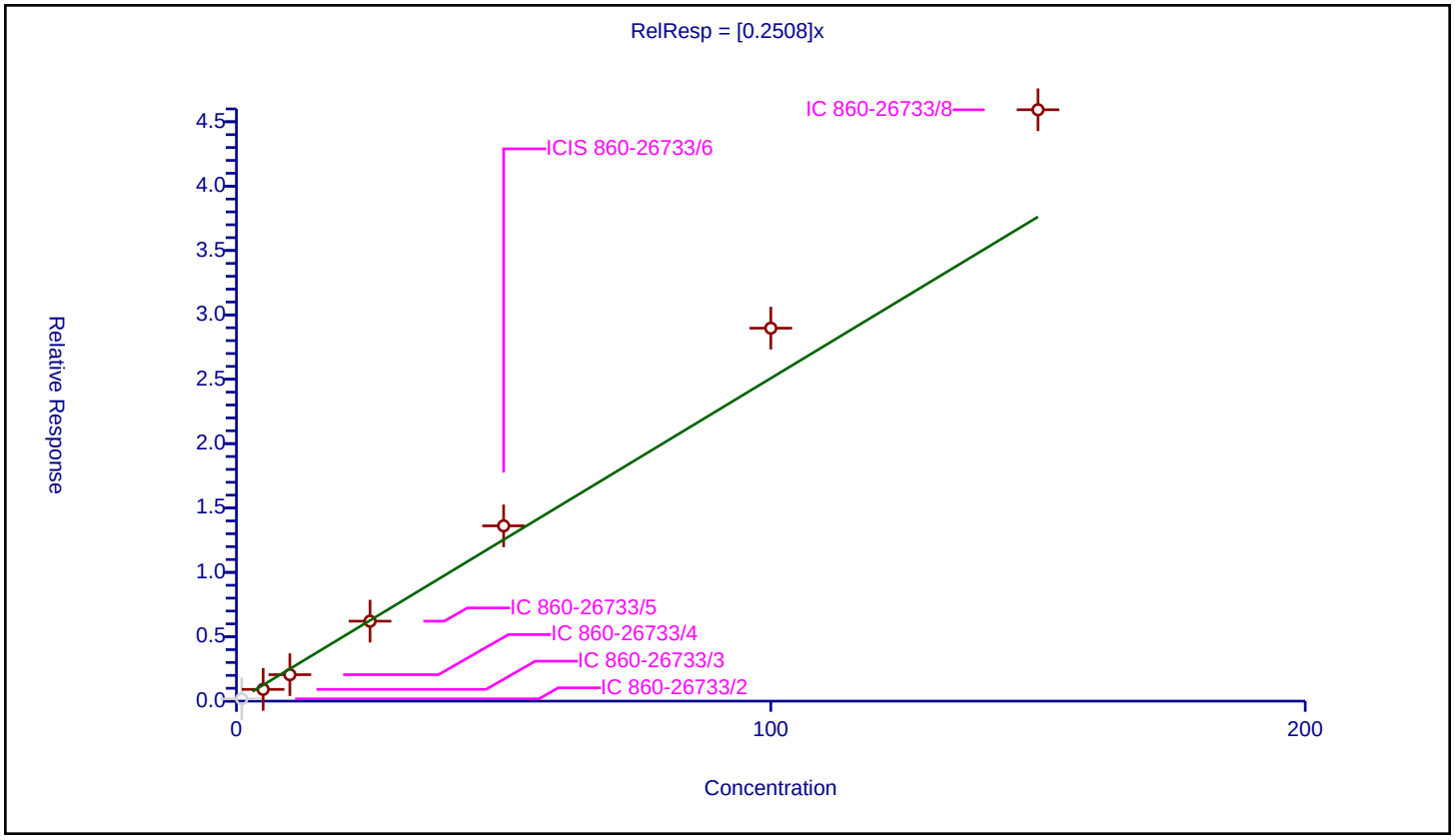
Curve Coefficients

Intercept:	0
Slope:	0.2508

Error Coefficients

Standard Error:	1180000
Relative Standard Error:	19.3
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.957

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	0.17742	50.0	1717674.0	0.17742	N
2	IC 860-26733/3	5.0	0.912801	50.0	1766760.0	0.18256	Y
3	IC 860-26733/4	10.0	2.054968	50.0	1863338.0	0.205497	Y
4	IC 860-26733/5	25.0	6.21098	50.0	2081443.0	0.248439	Y
5	ICIS 860-26733/6	50.0	13.614829	50.0	2025927.0	0.272297	Y
6	IC 860-26733/7	100.0	28.968227	50.0	2222397.0	0.289682	Y
7	IC 860-26733/8	150.0	45.933594	50.0	2403154.0	0.306224	Y



Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

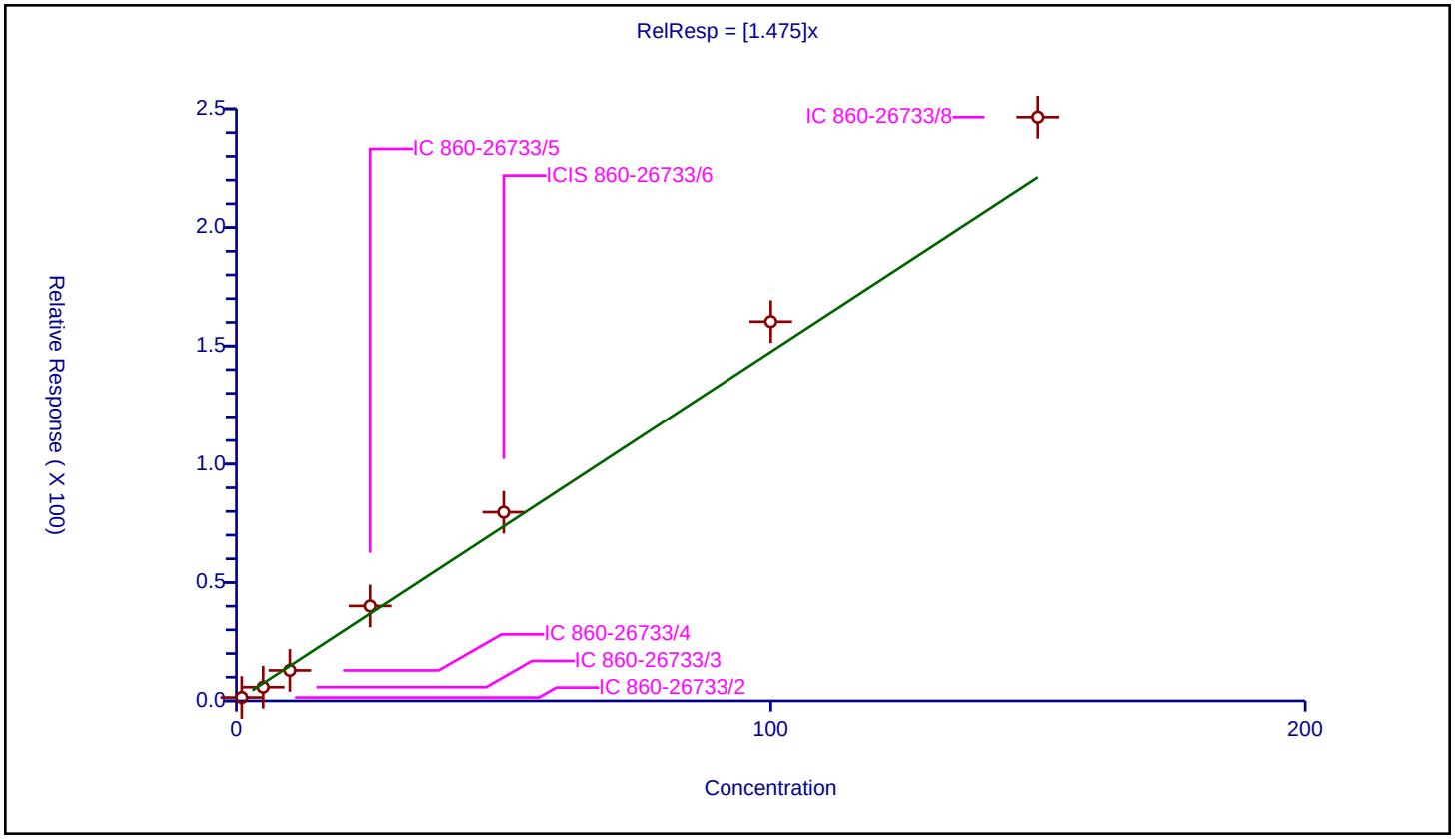
Curve Coefficients

Intercept:	0
Slope:	1.475

Error Coefficients

Standard Error:	5840000
Relative Standard Error:	12.8
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	1.436448	50.0	1717674.0	1.436448	Y
2	IC 860-26733/3	5.0	5.778855	50.0	1766760.0	1.155771	Y
3	IC 860-26733/4	10.0	12.881587	50.0	1863338.0	1.288159	Y
4	IC 860-26733/5	25.0	40.089712	50.0	2081443.0	1.603588	Y
5	ICIS 860-26733/6	50.0	79.68103	50.0	2025927.0	1.593621	Y
6	IC 860-26733/7	100.0	160.285314	50.0	2222397.0	1.602853	Y
7	IC 860-26733/8	150.0	246.51587	50.0	2403154.0	1.643439	Y



Calibration / Cyclohexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

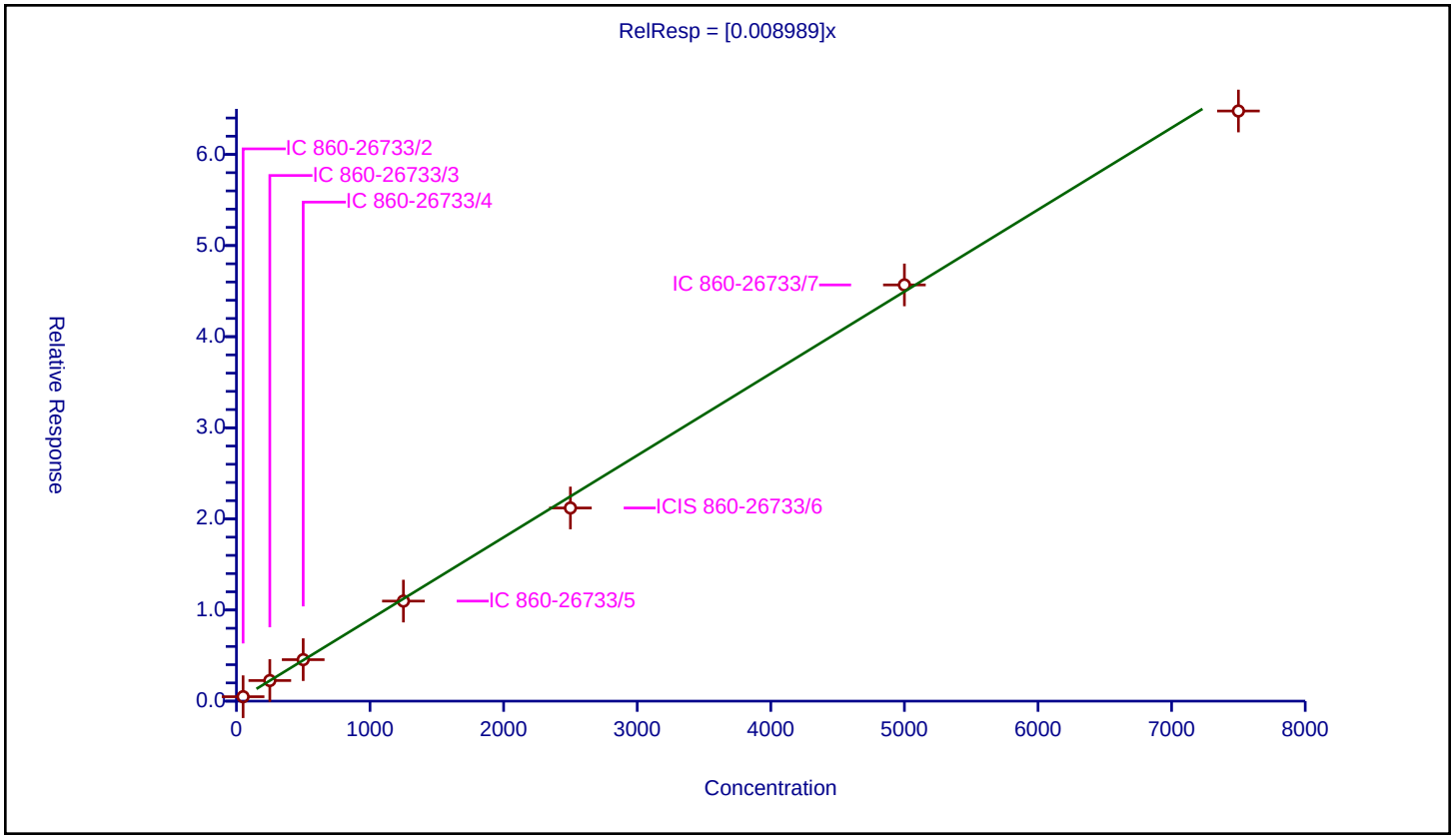
Curve Coefficients

Intercept:	0
Slope:	0.008989

Error Coefficients

Standard Error:	1570000
Relative Standard Error:	4.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	50.0	0.486967	50.0	1717674.0	0.009739	Y
2	IC 860-26733/3	250.0	2.260862	50.0	1766760.0	0.009043	Y
3	IC 860-26733/4	500.0	4.552234	50.0	1863338.0	0.009104	Y
4	IC 860-26733/5	1250.0	10.980844	50.0	2081443.0	0.008785	Y
5	ICIS 860-26733/6	2500.0	21.200073	50.0	2025927.0	0.00848	Y
6	IC 860-26733/7	5000.0	45.681375	50.0	2222397.0	0.009136	Y
7	IC 860-26733/8	7500.0	64.76984	50.0	2403154.0	0.008636	Y



Calibration / 4-Bromofluorobenzene (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

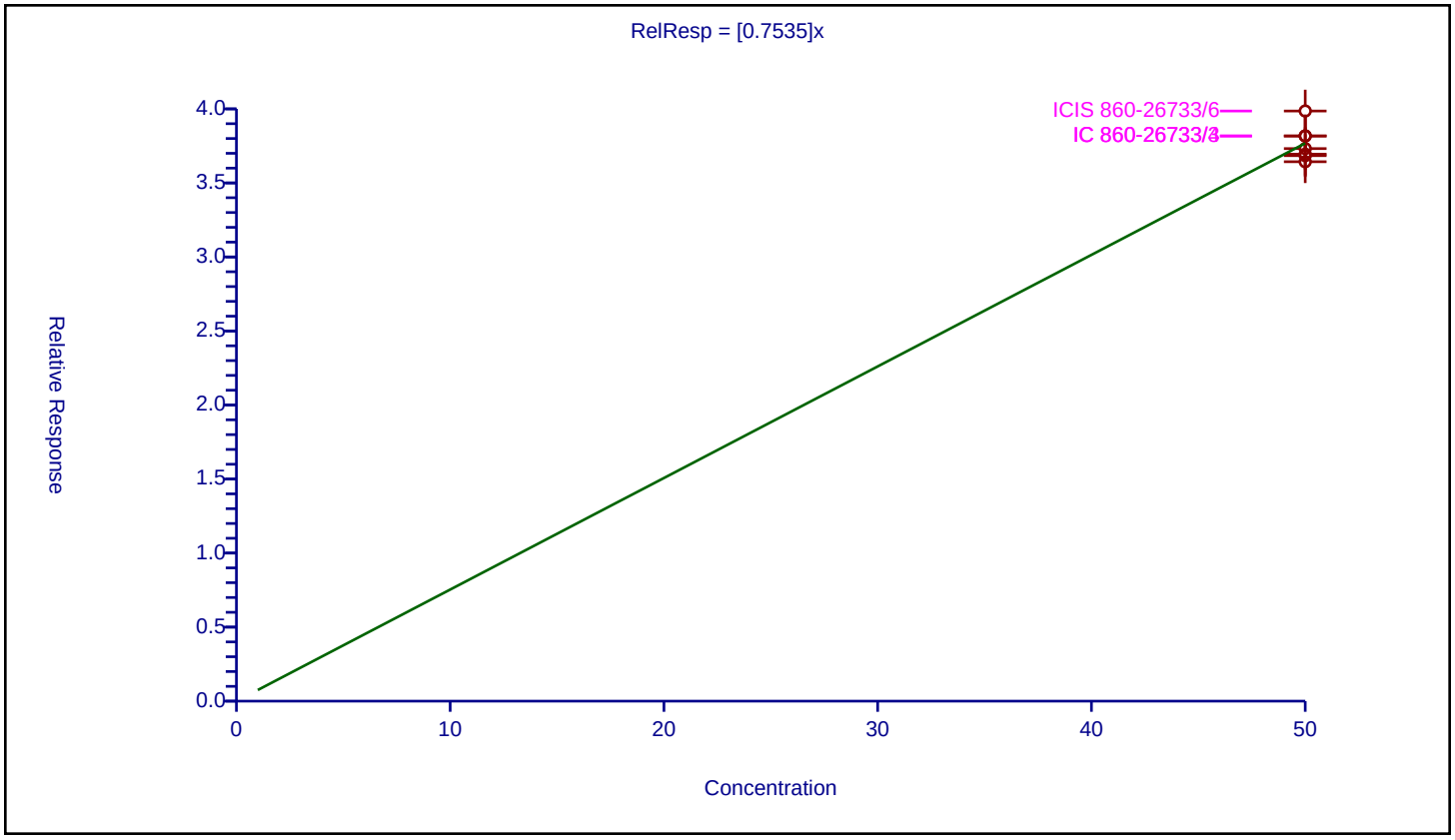
Curve Coefficients

Intercept:	0
Slope:	0.7535

Error Coefficients

Standard Error:	963000
Relative Standard Error:	3.1
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0.000000000000000111

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	50.0	36.944634	50.0	985273.0	0.738893	Y
2	IC 860-26733/3	50.0	38.16582	50.0	1011215.0	0.763316	Y
3	IC 860-26733/4	50.0	38.17538	50.0	1055277.0	0.763508	Y
4	IC 860-26733/5	50.0	37.317185	50.0	1283059.0	0.746344	Y
5	ICIS 860-26733/6	50.0	39.856807	50.0	1130290.0	0.797136	Y
6	IC 860-26733/7	50.0	36.431692	50.0	1351904.0	0.728634	Y
7	IC 860-26733/8	50.0	36.840934	50.0	1418315.0	0.736819	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

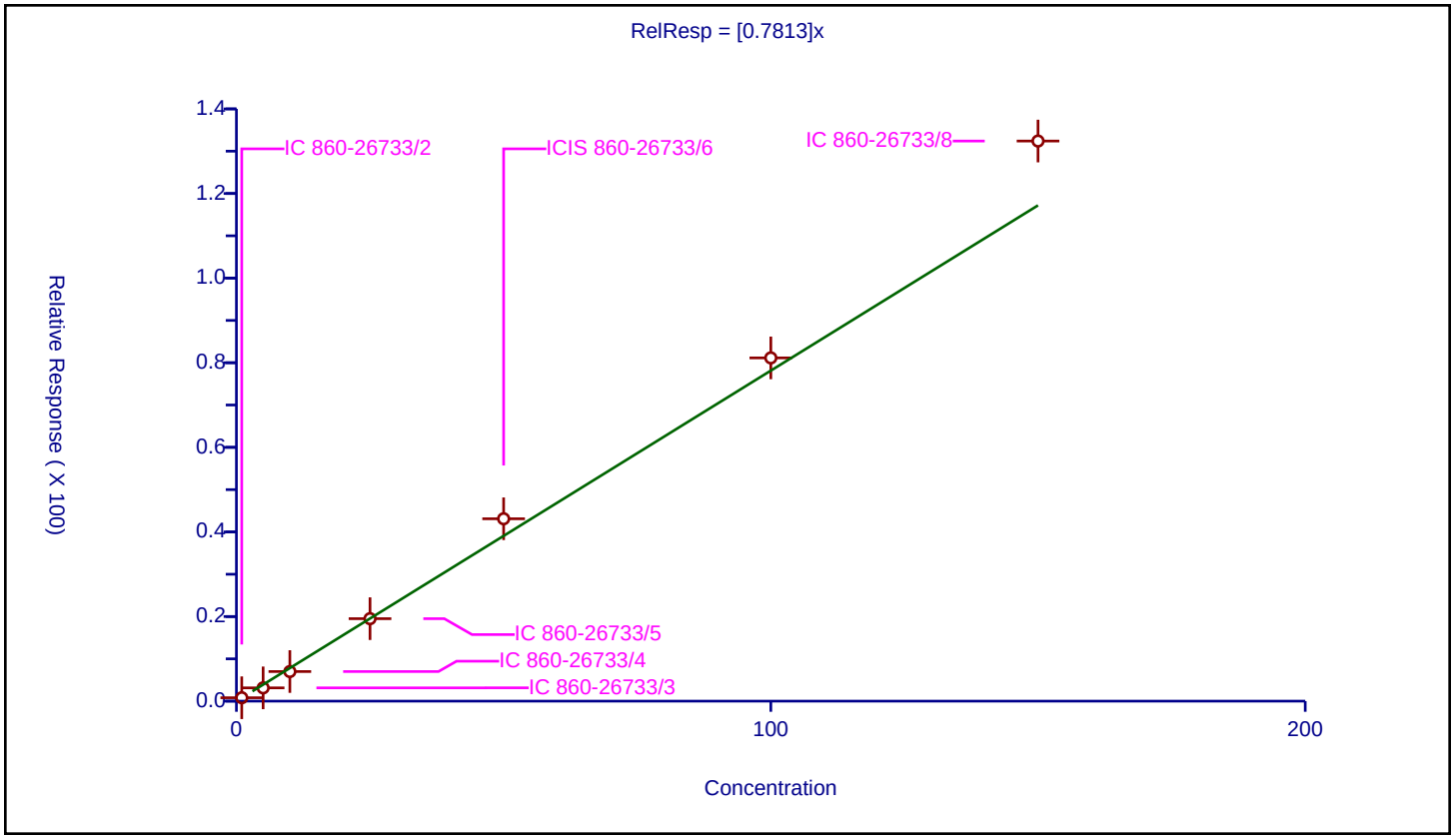
Curve Coefficients

Intercept:	0
Slope:	0.7813

Error Coefficients

Standard Error:	1830000
Relative Standard Error:	11.5
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	0.805107	50.0	985273.0	0.805107	Y
2	IC 860-26733/3	5.0	3.140925	50.0	1011215.0	0.628185	Y
3	IC 860-26733/4	10.0	6.997926	50.0	1055277.0	0.699793	Y
4	IC 860-26733/5	25.0	19.492829	50.0	1283059.0	0.779713	Y
5	ICIS 860-26733/6	50.0	43.111325	50.0	1130290.0	0.862227	Y
6	IC 860-26733/7	100.0	81.14108	50.0	1351904.0	0.811411	Y
7	IC 860-26733/8	150.0	132.40338	50.0	1418315.0	0.882689	Y



Calibration / 1,1,2,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

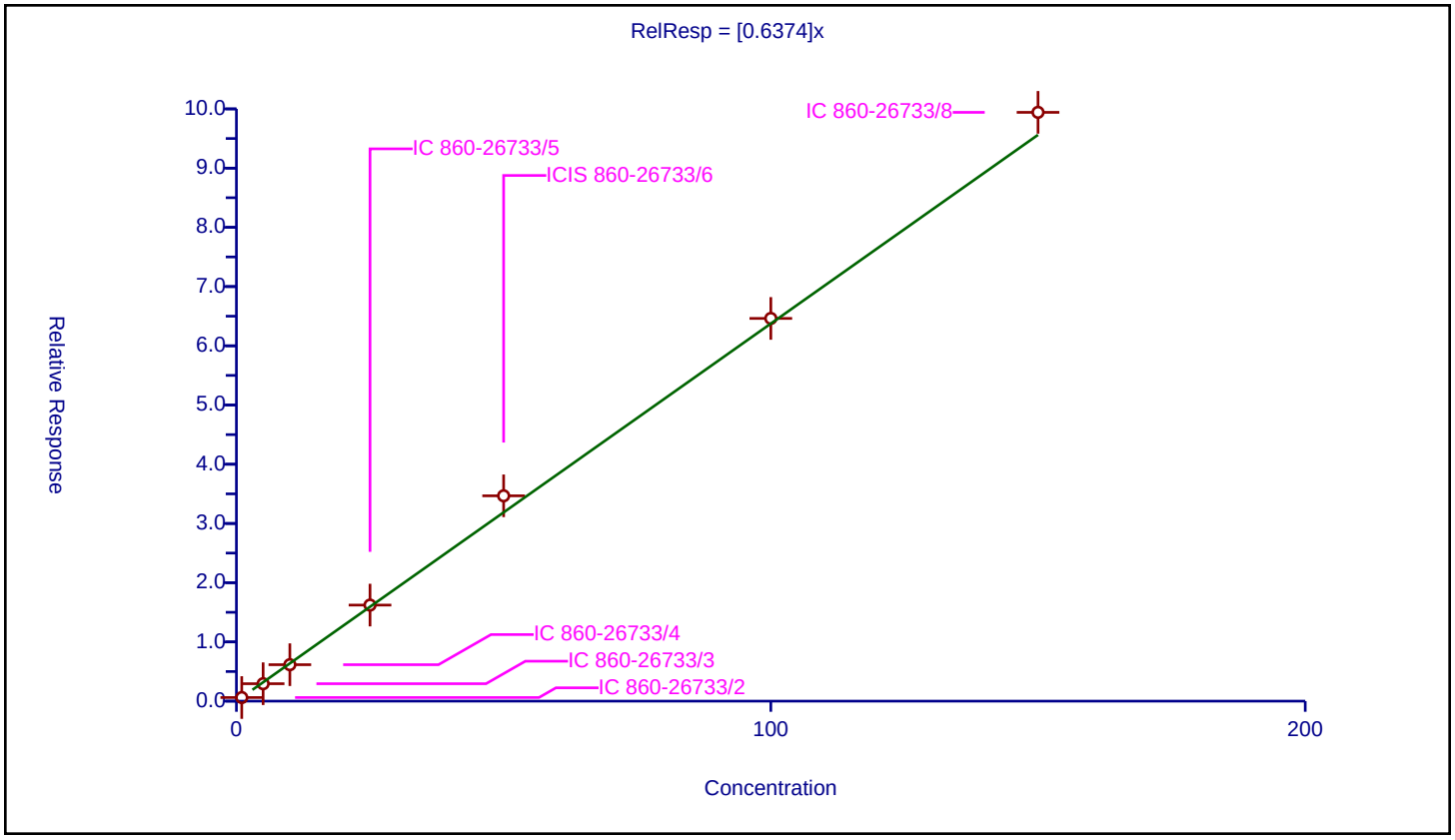
Curve Coefficients

Intercept:	0
Slope:	0.6374

Error Coefficients

Standard Error:	1400000
Relative Standard Error:	5.7
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	0.607141	50.0	985273.0	0.607141	Y
2	IC 860-26733/3	5.0	2.941907	50.0	1011215.0	0.588381	Y
3	IC 860-26733/4	10.0	6.154166	50.0	1055277.0	0.615417	Y
4	IC 860-26733/5	25.0	16.219402	50.0	1283059.0	0.648776	Y
5	ICIS 860-26733/6	50.0	34.669244	50.0	1130290.0	0.693385	Y
6	IC 860-26733/7	100.0	64.620602	50.0	1351904.0	0.646206	Y
7	IC 860-26733/8	150.0	99.415962	50.0	1418315.0	0.662773	Y



Calibration / 1,2,3-Trichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

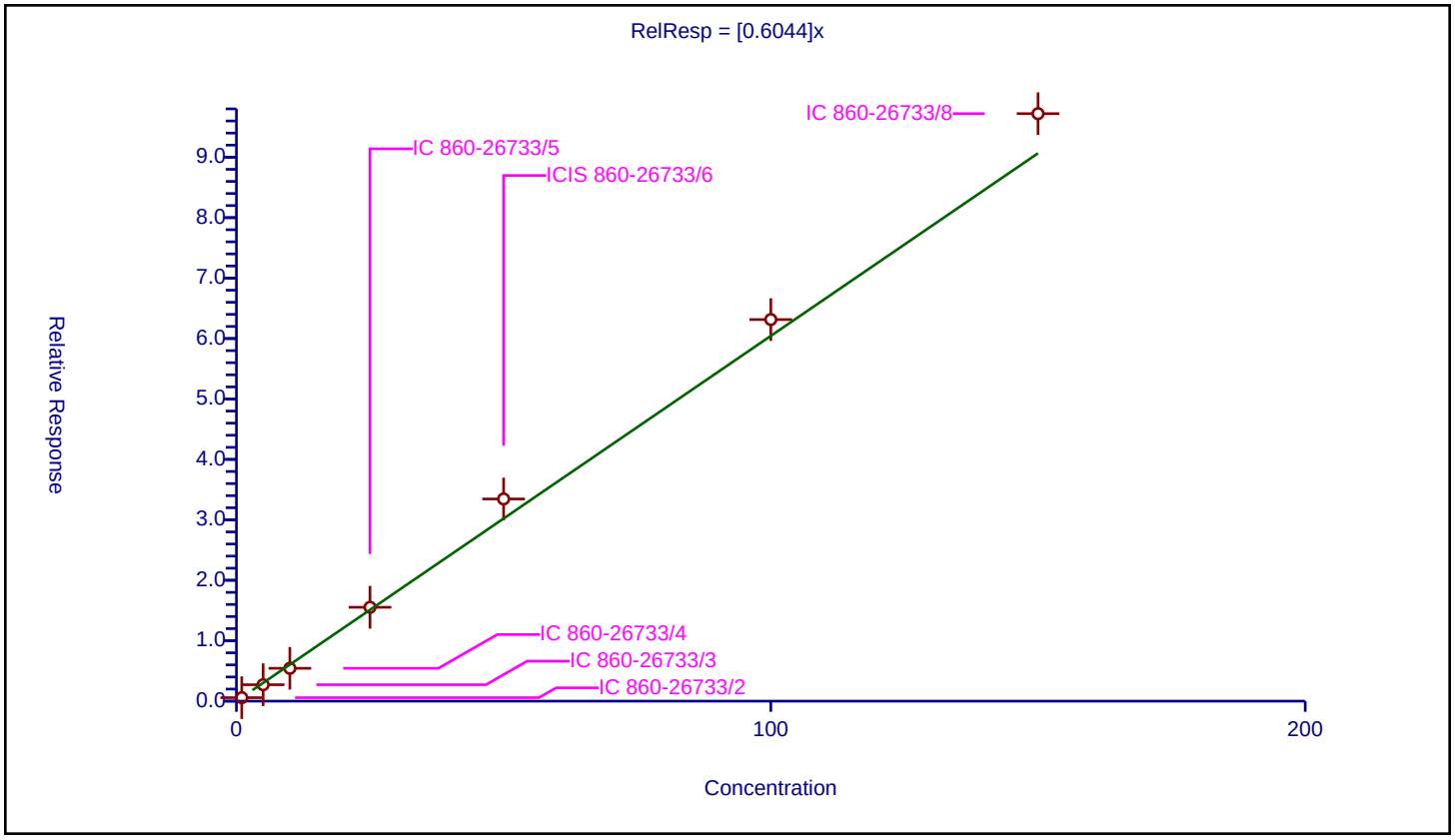
Curve Coefficients

Intercept:	0
Slope:	0.6044

Error Coefficients

Standard Error:	1370000
Relative Standard Error:	8.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	0.573445	50.0	985273.0	0.573445	Y
2	IC 860-26733/3	5.0	2.718858	50.0	1011215.0	0.543772	Y
3	IC 860-26733/4	10.0	5.435587	50.0	1055277.0	0.543559	Y
4	IC 860-26733/5	25.0	15.533892	50.0	1283059.0	0.621356	Y
5	ICIS 860-26733/6	50.0	33.451946	50.0	1130290.0	0.669039	Y
6	IC 860-26733/7	100.0	63.138729	50.0	1351904.0	0.631387	Y
7	IC 860-26733/8	150.0	97.209153	50.0	1418315.0	0.648061	Y



Calibration / trans-1,4-Dichloro-2-butene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

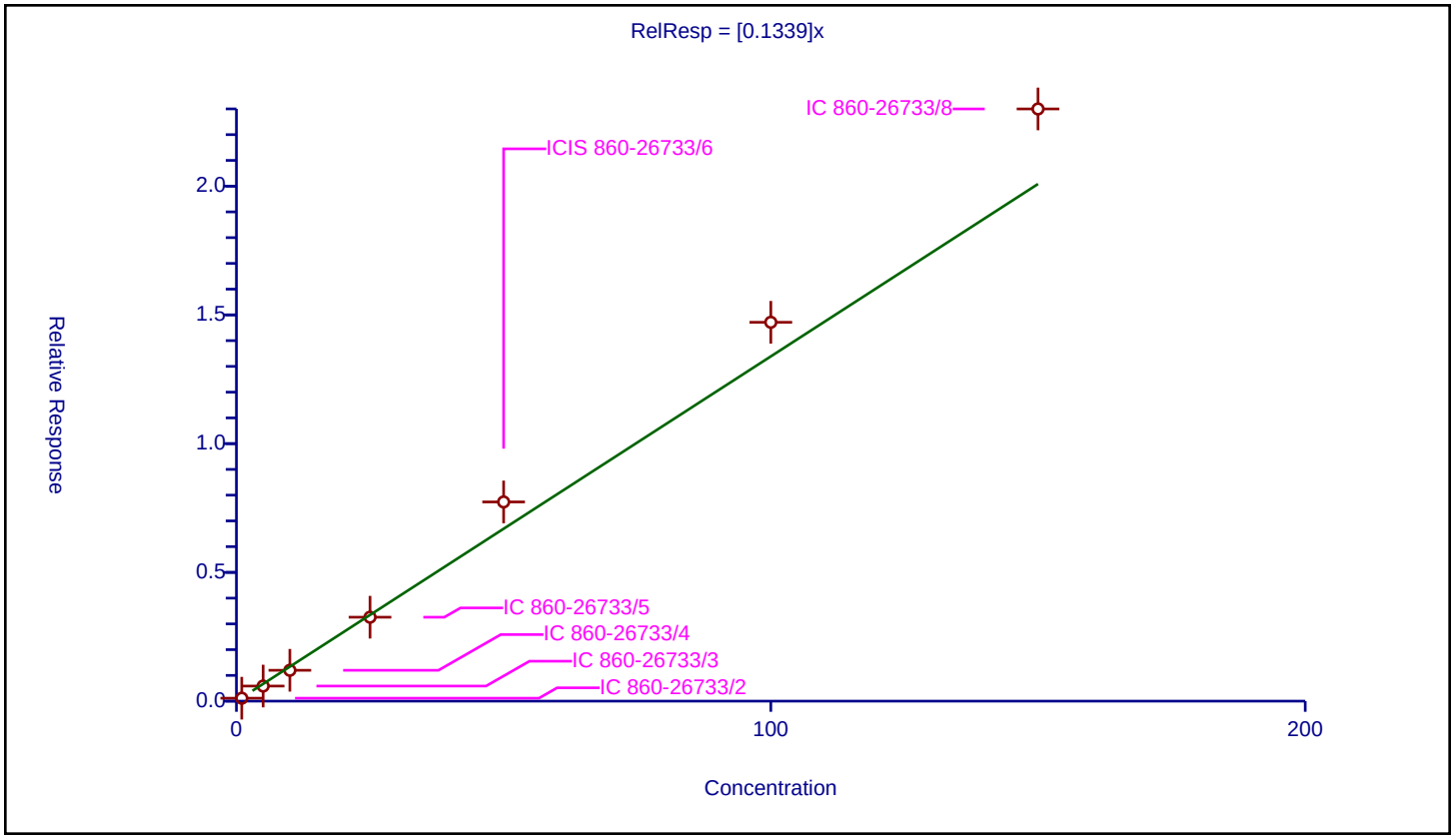
Curve Coefficients

Intercept:	0
Slope:	0.1339

Error Coefficients

Standard Error:	322000
Relative Standard Error:	13.1
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	0.114689	50.0	985273.0	0.114689	Y
2	IC 860-26733/3	5.0	0.585632	50.0	1011215.0	0.117126	Y
3	IC 860-26733/4	10.0	1.198027	50.0	1055277.0	0.119803	Y
4	IC 860-26733/5	25.0	3.260138	50.0	1283059.0	0.130406	Y
5	ICIS 860-26733/6	50.0	7.736068	50.0	1130290.0	0.154721	Y
6	IC 860-26733/7	100.0	14.713064	50.0	1351904.0	0.147131	Y
7	IC 860-26733/8	150.0	22.997465	50.0	1418315.0	0.153316	Y



Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

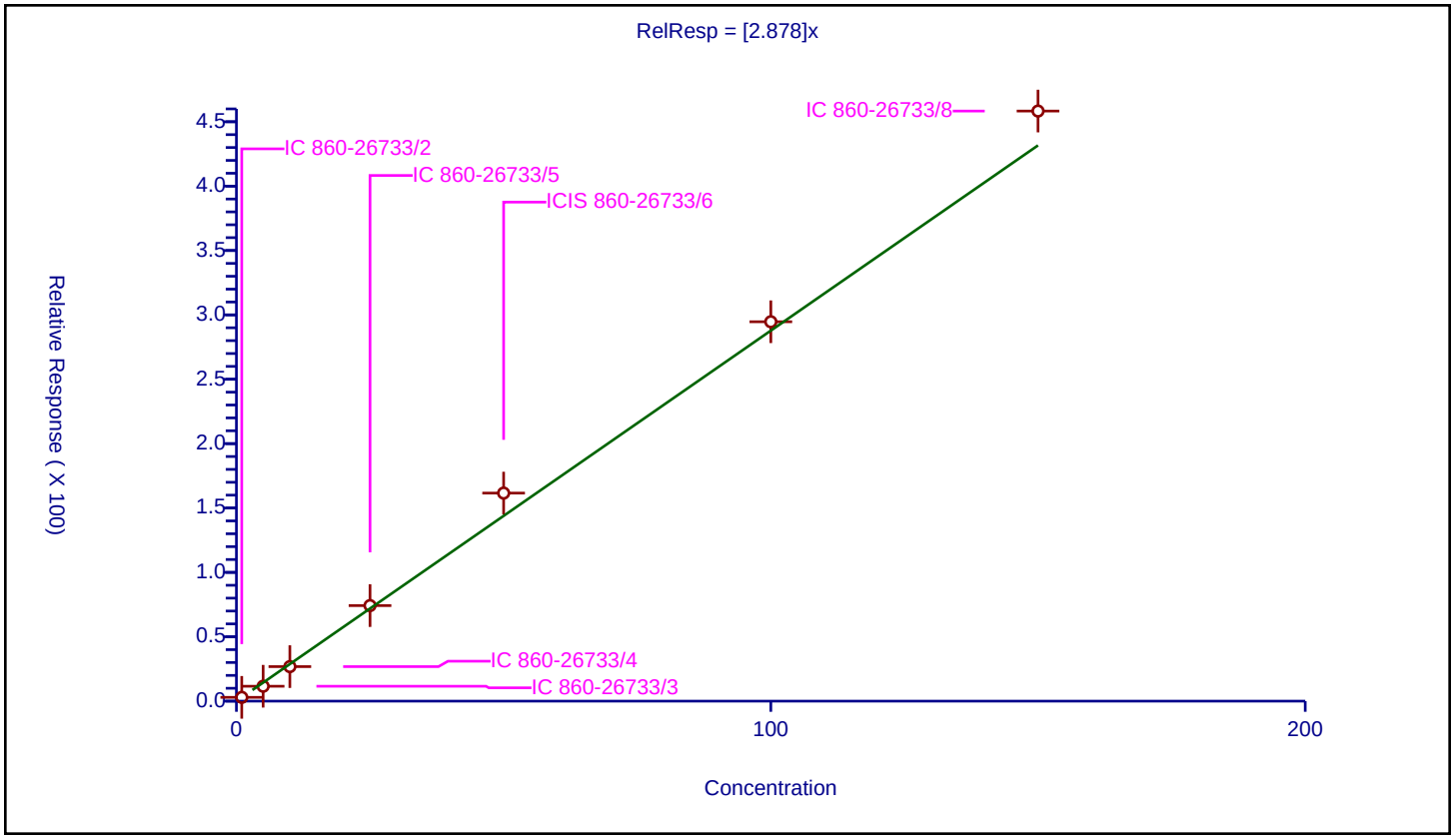
Curve Coefficients

Intercept:	0
Slope:	2.878

Error Coefficients

Standard Error:	6450000
Relative Standard Error:	10.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	2.945986	50.0	985273.0	2.945986	Y
2	IC 860-26733/3	5.0	11.572761	50.0	1011215.0	2.314552	Y
3	IC 860-26733/4	10.0	26.813197	50.0	1055277.0	2.68132	Y
4	IC 860-26733/5	25.0	74.214748	50.0	1283059.0	2.96859	Y
5	ICIS 860-26733/6	50.0	161.593485	50.0	1130290.0	3.23187	Y
6	IC 860-26733/7	100.0	294.679504	50.0	1351904.0	2.946795	Y
7	IC 860-26733/8	150.0	458.318357	50.0	1418315.0	3.055456	Y



Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

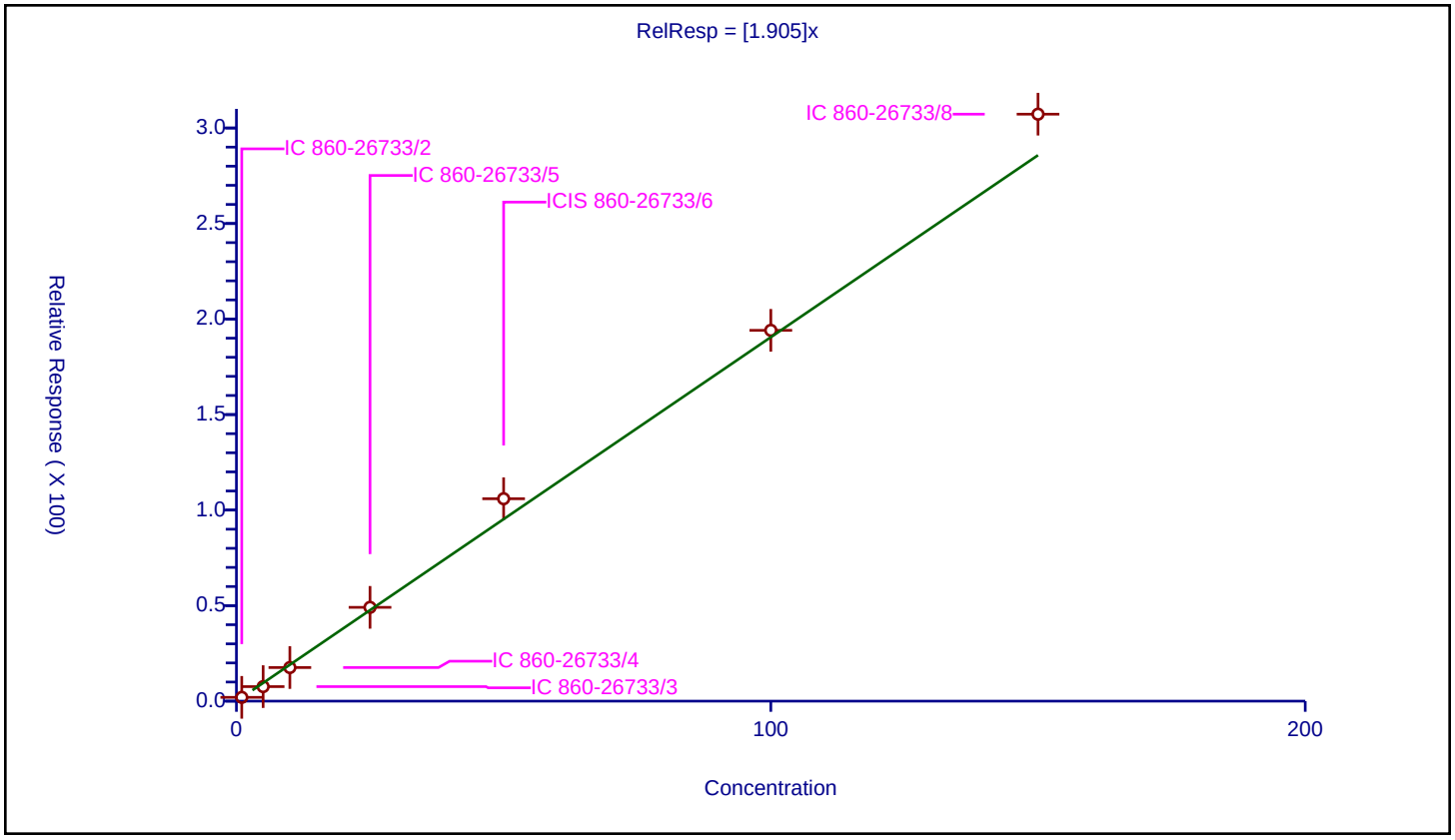
Curve Coefficients

Intercept:	0
Slope:	1.905

Error Coefficients

Standard Error:	4300000
Relative Standard Error:	10.6
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	1.983054	50.0	985273.0	1.983054	Y
2	IC 860-26733/3	5.0	7.6103	50.0	1011215.0	1.52206	Y
3	IC 860-26733/4	10.0	17.585667	50.0	1055277.0	1.758567	Y
4	IC 860-26733/5	25.0	49.097391	50.0	1283059.0	1.963896	Y
5	ICIS 860-26733/6	50.0	105.938697	50.0	1130290.0	2.118774	Y
6	IC 860-26733/7	100.0	194.09052	50.0	1351904.0	1.940905	Y
7	IC 860-26733/8	150.0	307.234712	50.0	1418315.0	2.048231	Y



Calibration / 4-Ethyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

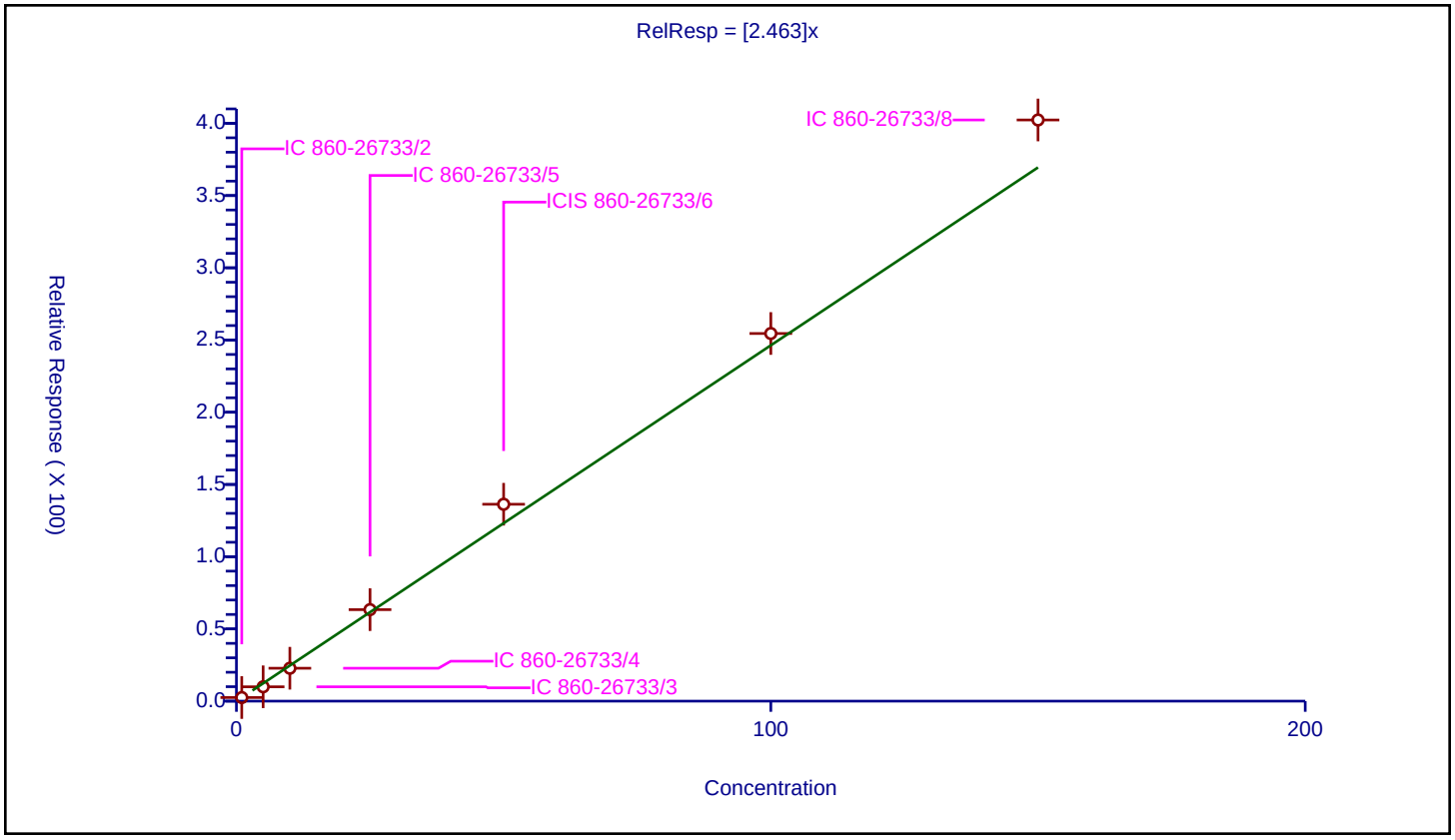
Curve Coefficients

Intercept:	0
Slope:	2.463

Error Coefficients

Standard Error:	5630000
Relative Standard Error:	10.4
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	2.491441	50.0	985273.0	2.491441	Y
2	IC 860-26733/3	5.0	9.924151	50.0	1011215.0	1.98483	Y
3	IC 860-26733/4	10.0	22.786529	50.0	1055277.0	2.278653	Y
4	IC 860-26733/5	25.0	63.342722	50.0	1283059.0	2.533709	Y
5	ICIS 860-26733/6	50.0	136.296437	50.0	1130290.0	2.725929	Y
6	IC 860-26733/7	100.0	254.510675	50.0	1351904.0	2.545107	Y
7	IC 860-26733/8	150.0	402.327445	50.0	1418315.0	2.682183	Y



Calibration / 1,3,5-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

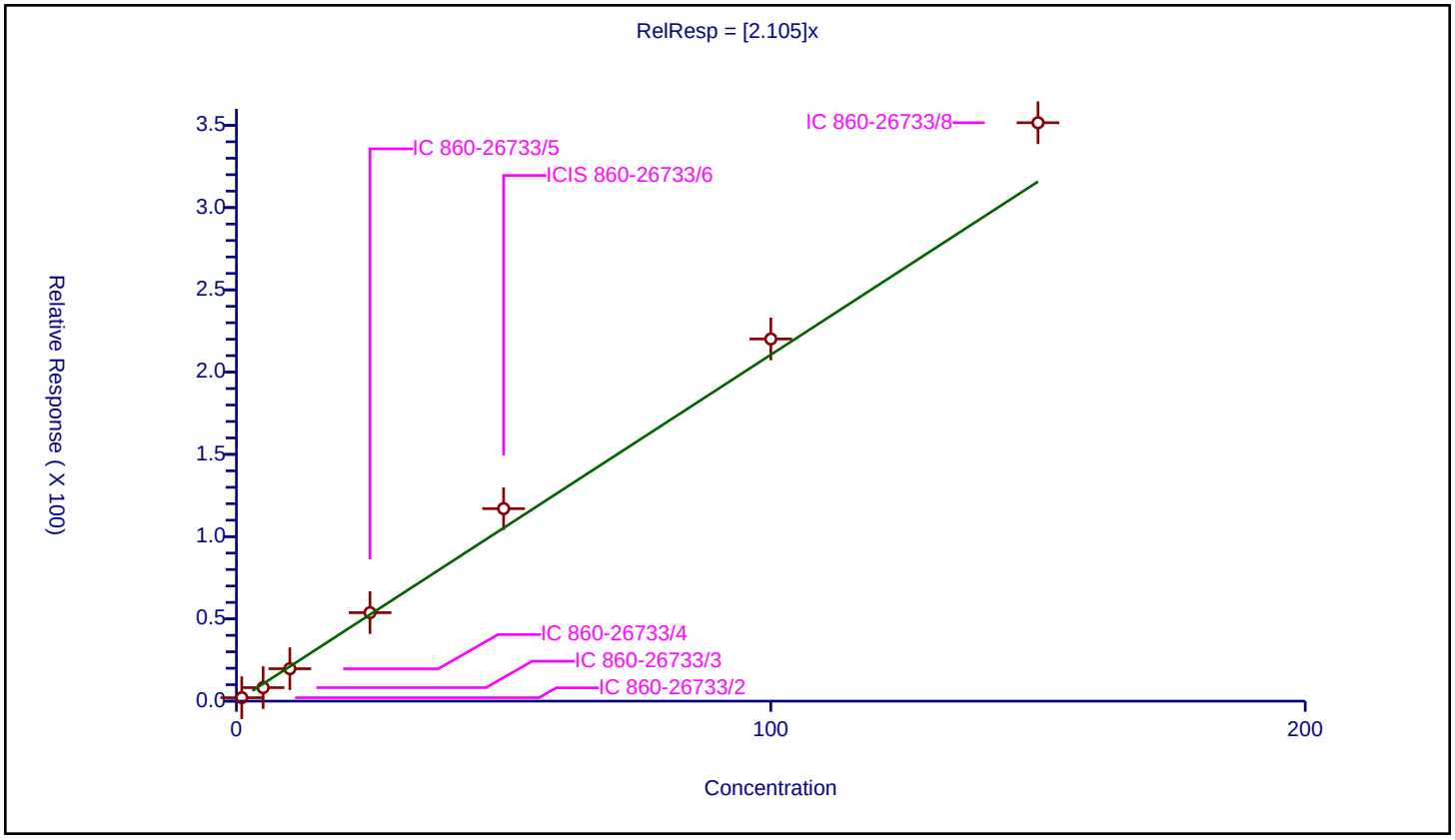
Curve Coefficients

Intercept:	0
Slope:	2.105

Error Coefficients

Standard Error:	4900000
Relative Standard Error:	11.5
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	2.085564	50.0	985273.0	2.085564	Y
2	IC 860-26733/3	5.0	8.221595	50.0	1011215.0	1.644319	Y
3	IC 860-26733/4	10.0	19.71146	50.0	1055277.0	1.971146	Y
4	IC 860-26733/5	25.0	53.790005	50.0	1283059.0	2.1516	Y
5	ICIS 860-26733/6	50.0	117.021782	50.0	1130290.0	2.340436	Y
6	IC 860-26733/7	100.0	220.154612	50.0	1351904.0	2.201546	Y
7	IC 860-26733/8	150.0	351.575038	50.0	1418315.0	2.343834	Y



Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

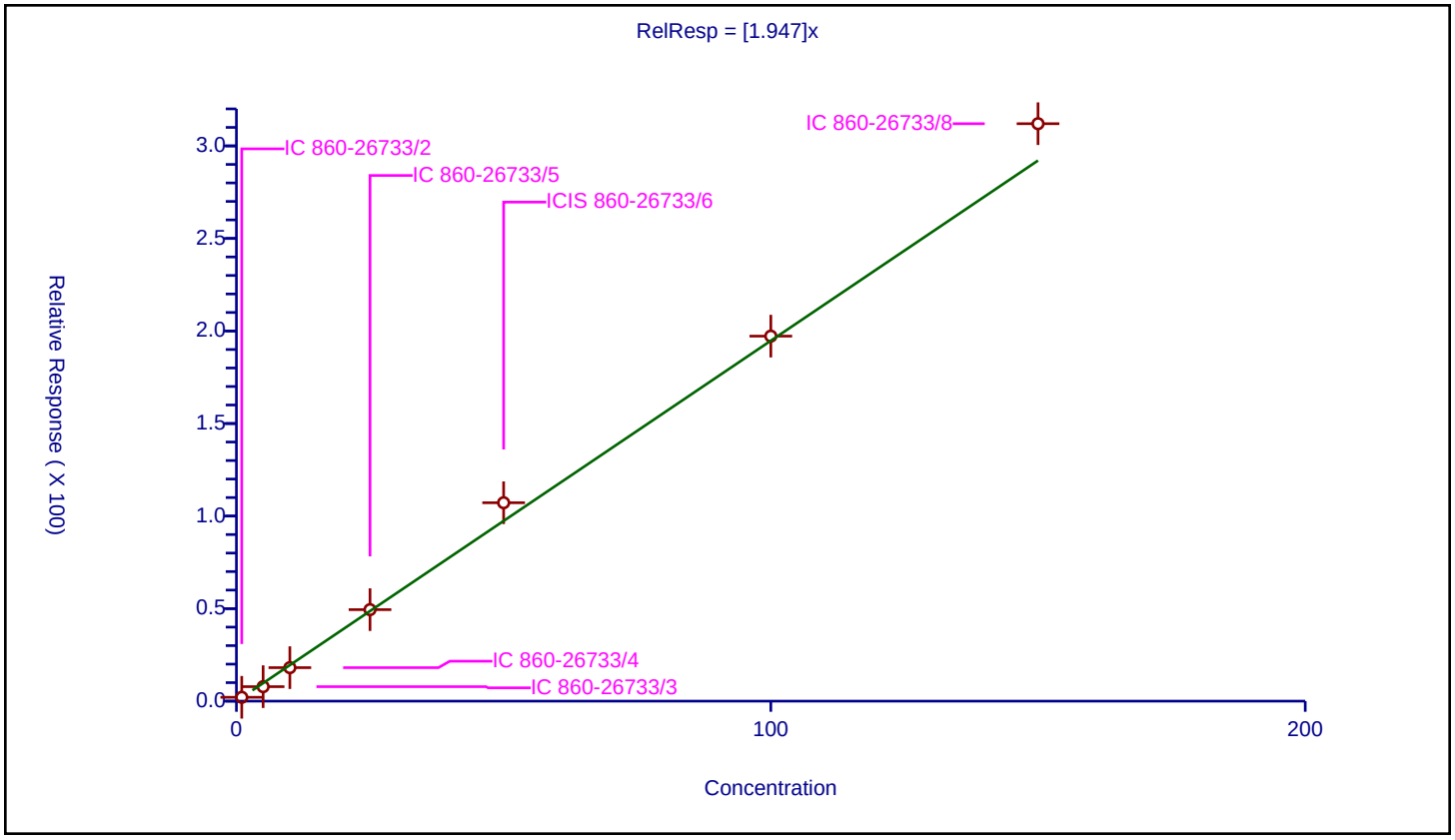
Curve Coefficients

Intercept:	0
Slope:	1.947

Error Coefficients

Standard Error:	4370000
Relative Standard Error:	10.3
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	2.084448	50.0	985273.0	2.084448	Y
2	IC 860-26733/3	5.0	7.816686	50.0	1011215.0	1.563337	Y
3	IC 860-26733/4	10.0	18.092927	50.0	1055277.0	1.809293	Y
4	IC 860-26733/5	25.0	49.444063	50.0	1283059.0	1.977763	Y
5	ICIS 860-26733/6	50.0	107.207708	50.0	1130290.0	2.144154	Y
6	IC 860-26733/7	100.0	197.22214	50.0	1351904.0	1.972221	Y
7	IC 860-26733/8	150.0	311.999979	50.0	1418315.0	2.08	Y



Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

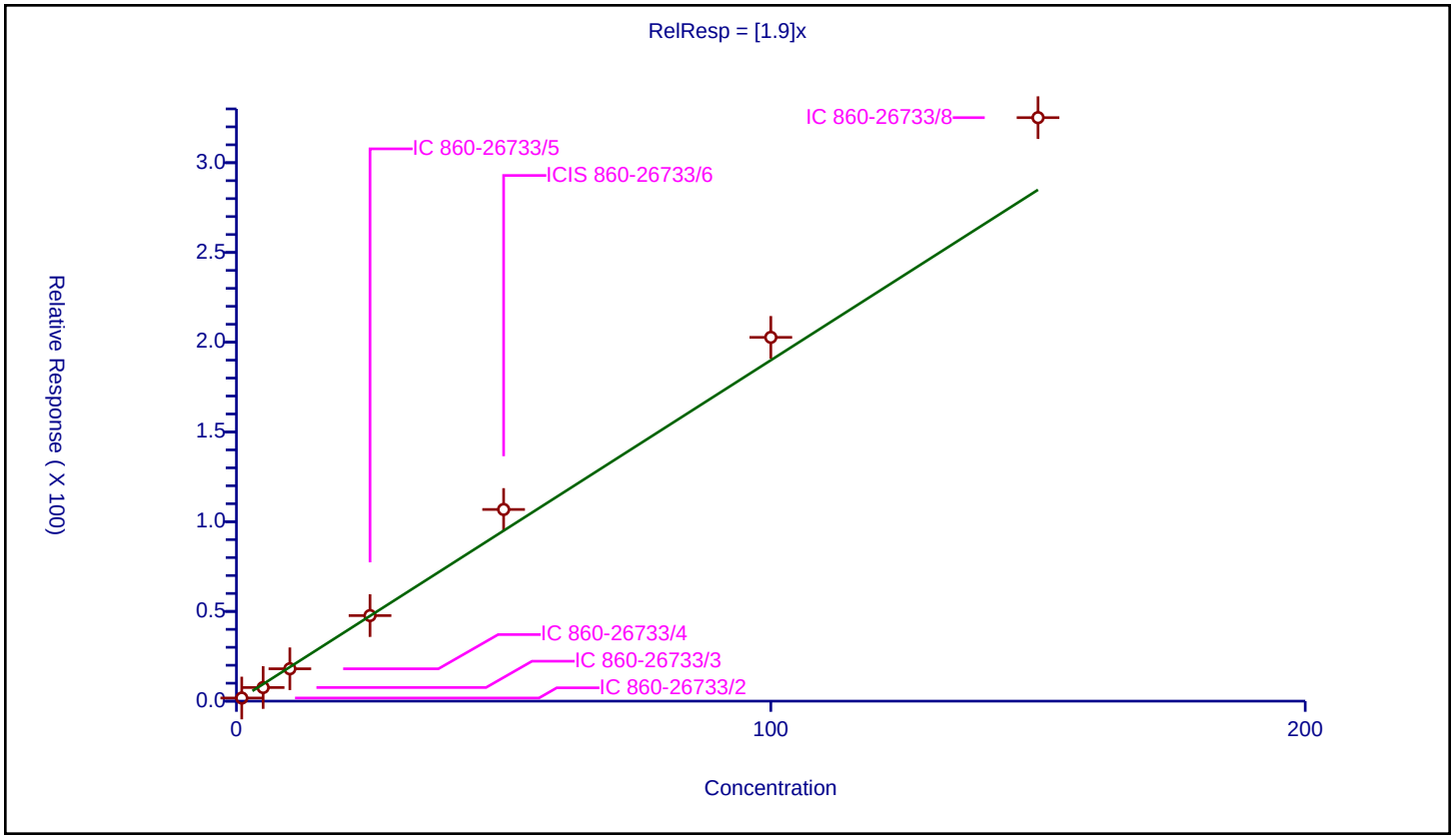
Curve Coefficients

Intercept:	0
Slope:	1.9

Error Coefficients

Standard Error:	4520000
Relative Standard Error:	12.3
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	1.738452	50.0	985273.0	1.738452	Y
2	IC 860-26733/3	5.0	7.586517	50.0	1011215.0	1.517303	Y
3	IC 860-26733/4	10.0	18.037302	50.0	1055277.0	1.80373	Y
4	IC 860-26733/5	25.0	47.668385	50.0	1283059.0	1.906735	Y
5	ICIS 860-26733/6	50.0	106.794805	50.0	1130290.0	2.135896	Y
6	IC 860-26733/7	100.0	202.705518	50.0	1351904.0	2.027055	Y
7	IC 860-26733/8	150.0	325.11177	50.0	1418315.0	2.167412	Y



Calibration / 1,2,4-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

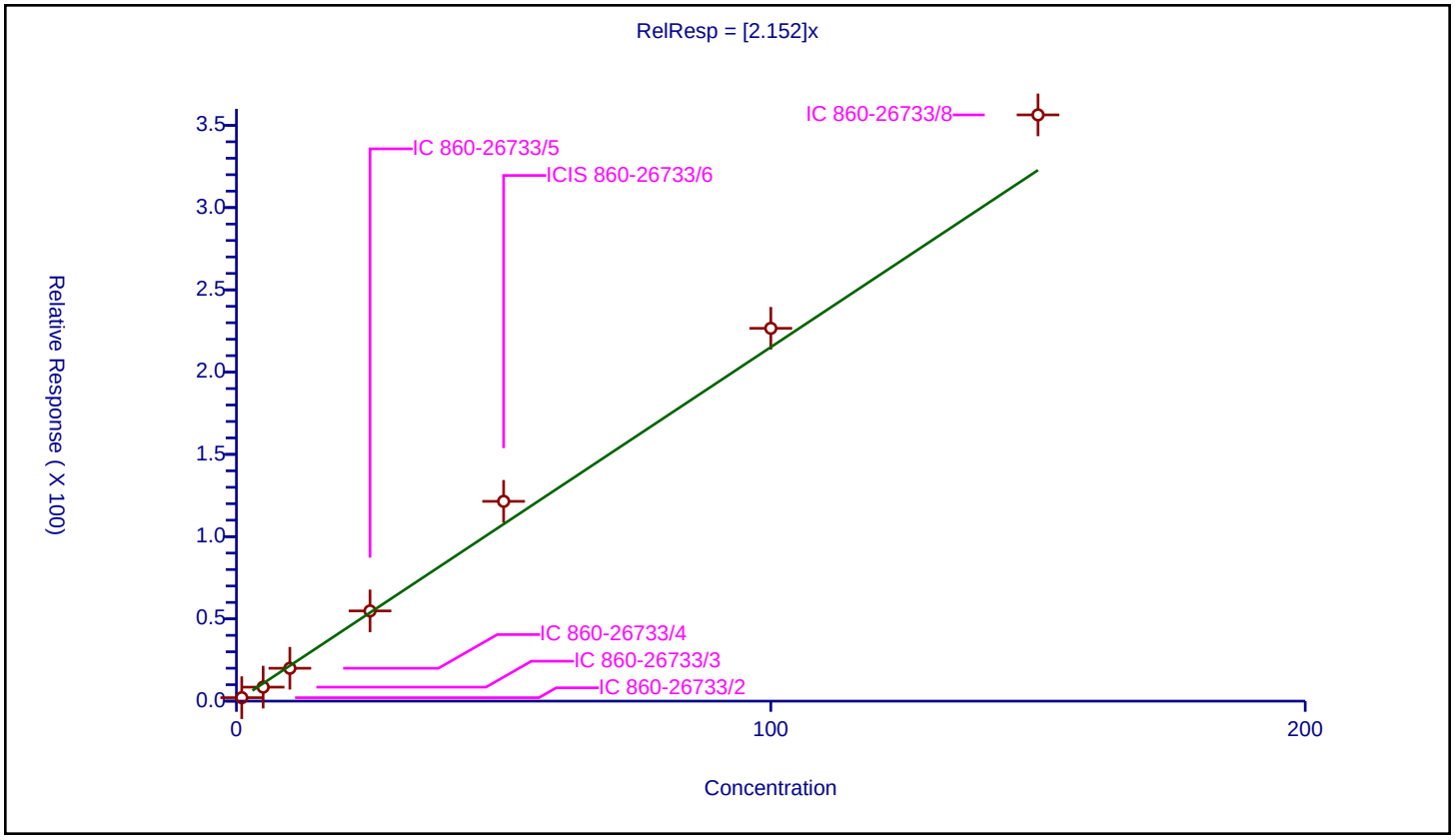
Curve Coefficients

Intercept:	0
Slope:	2.152

Error Coefficients

Standard Error:	4990000
Relative Standard Error:	11.6
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	2.100078	50.0	985273.0	2.100078	Y
2	IC 860-26733/3	5.0	8.504472	50.0	1011215.0	1.700894	Y
3	IC 860-26733/4	10.0	19.978025	50.0	1055277.0	1.997802	Y
4	IC 860-26733/5	25.0	54.836644	50.0	1283059.0	2.193466	Y
5	ICIS 860-26733/6	50.0	121.451353	50.0	1130290.0	2.429027	Y
6	IC 860-26733/7	100.0	226.62212	50.0	1351904.0	2.266221	Y
7	IC 860-26733/8	150.0	356.364771	50.0	1418315.0	2.375765	Y



Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

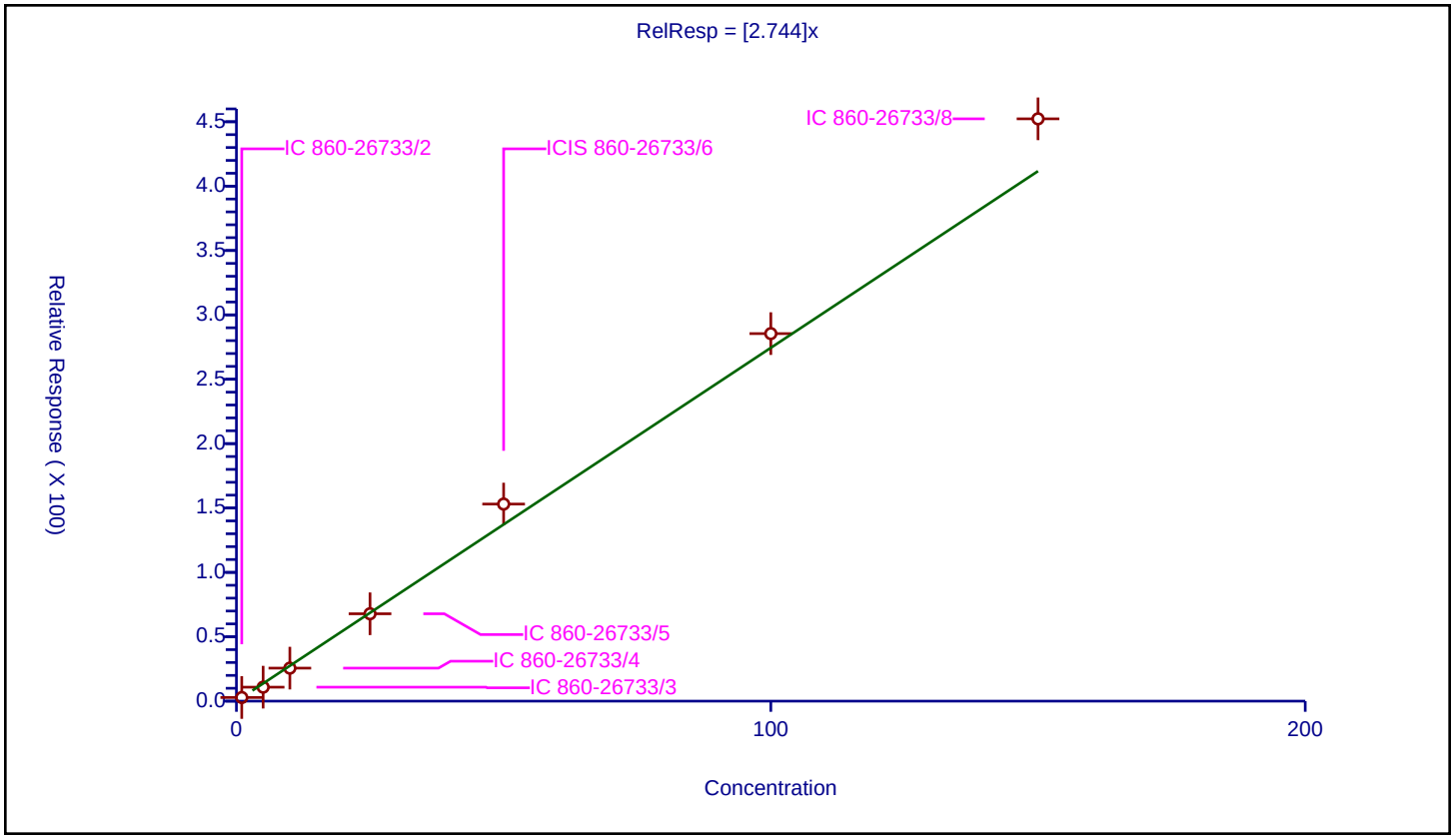
Curve Coefficients

Intercept:	0
Slope:	2.744

Error Coefficients

Standard Error:	6320000
Relative Standard Error:	11.1
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	2.832311	50.0	985273.0	2.832311	Y
2	IC 860-26733/3	5.0	10.844924	50.0	1011215.0	2.168985	Y
3	IC 860-26733/4	10.0	25.636918	50.0	1055277.0	2.563692	Y
4	IC 860-26733/5	25.0	67.858532	50.0	1283059.0	2.714341	Y
5	ICIS 860-26733/6	50.0	153.077529	50.0	1130290.0	3.061551	Y
6	IC 860-26733/7	100.0	285.464648	50.0	1351904.0	2.854646	Y
7	IC 860-26733/8	150.0	452.291416	50.0	1418315.0	3.015276	Y



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

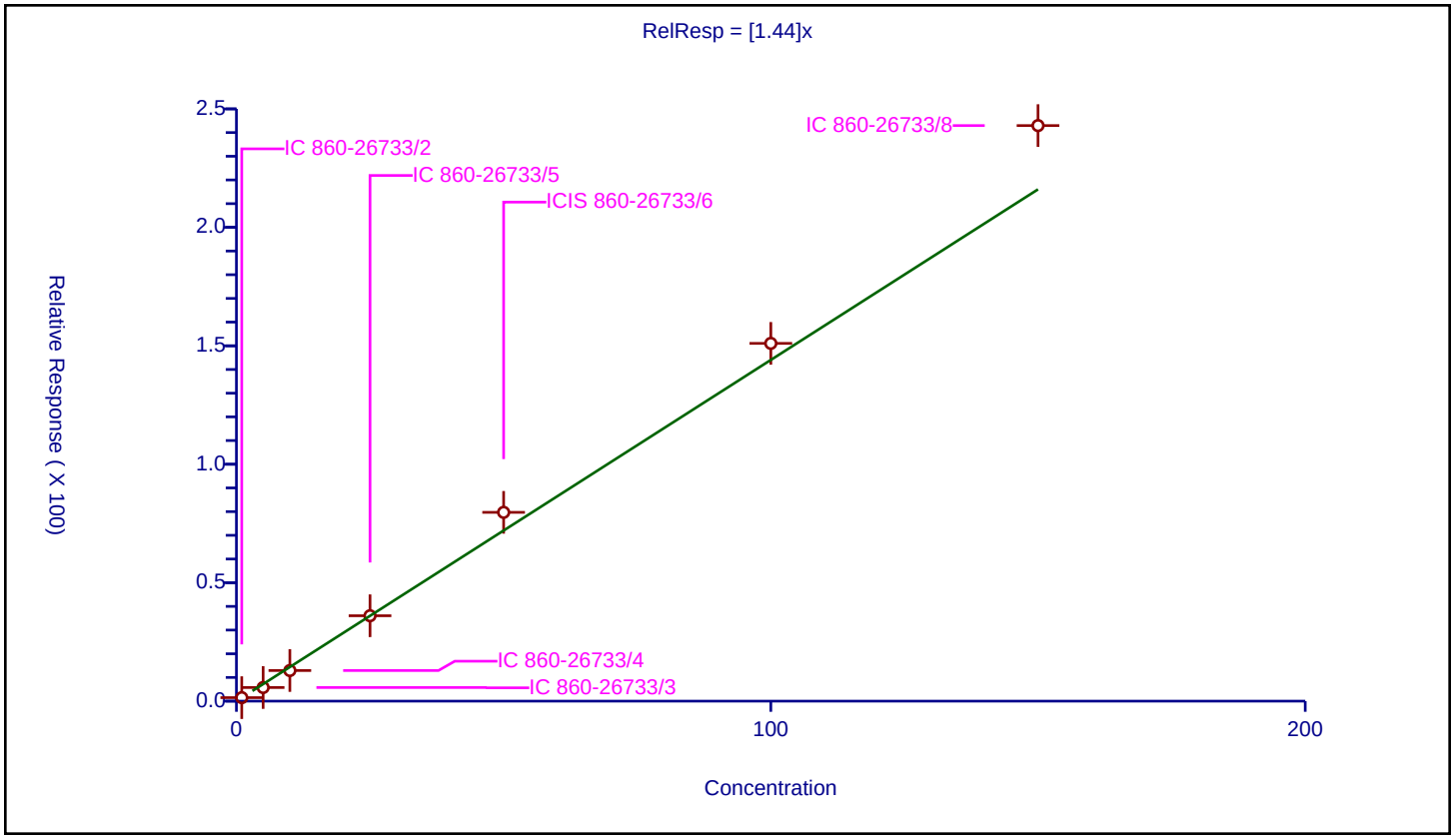
Curve Coefficients

Intercept:	0
Slope:	1.44

Error Coefficients

Standard Error:	3380000
Relative Standard Error:	11.6
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	1.473855	50.0	985273.0	1.473855	Y
2	IC 860-26733/3	5.0	5.751299	50.0	1011215.0	1.15026	Y
3	IC 860-26733/4	10.0	12.919499	50.0	1055277.0	1.29195	Y
4	IC 860-26733/5	25.0	36.048771	50.0	1283059.0	1.441951	Y
5	ICIS 860-26733/6	50.0	79.696361	50.0	1130290.0	1.593927	Y
6	IC 860-26733/7	100.0	151.018083	50.0	1351904.0	1.510181	Y
7	IC 860-26733/8	150.0	242.950015	50.0	1418315.0	1.619667	Y



Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

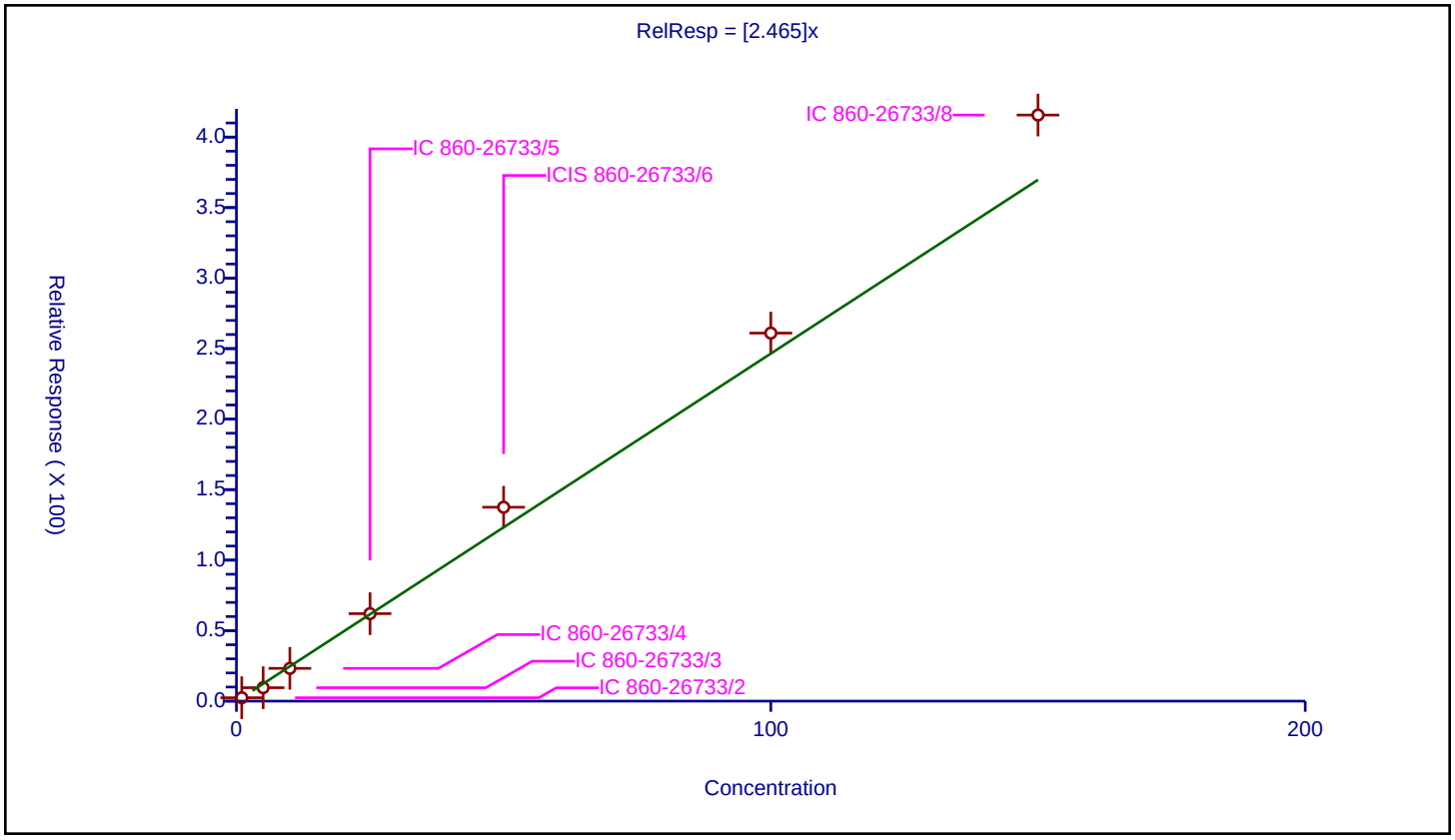
Curve Coefficients

Intercept:	0
Slope:	2.465

Error Coefficients

Standard Error:	5790000
Relative Standard Error:	12.1
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	2.411007	50.0	985273.0	2.411007	Y
2	IC 860-26733/3	5.0	9.526757	50.0	1011215.0	1.905351	Y
3	IC 860-26733/4	10.0	23.240249	50.0	1055277.0	2.324025	Y
4	IC 860-26733/5	25.0	62.039859	50.0	1283059.0	2.481594	Y
5	ICIS 860-26733/6	50.0	137.511745	50.0	1130290.0	2.750235	Y
6	IC 860-26733/7	100.0	260.992829	50.0	1351904.0	2.609928	Y
7	IC 860-26733/8	150.0	415.633445	50.0	1418315.0	2.77089	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

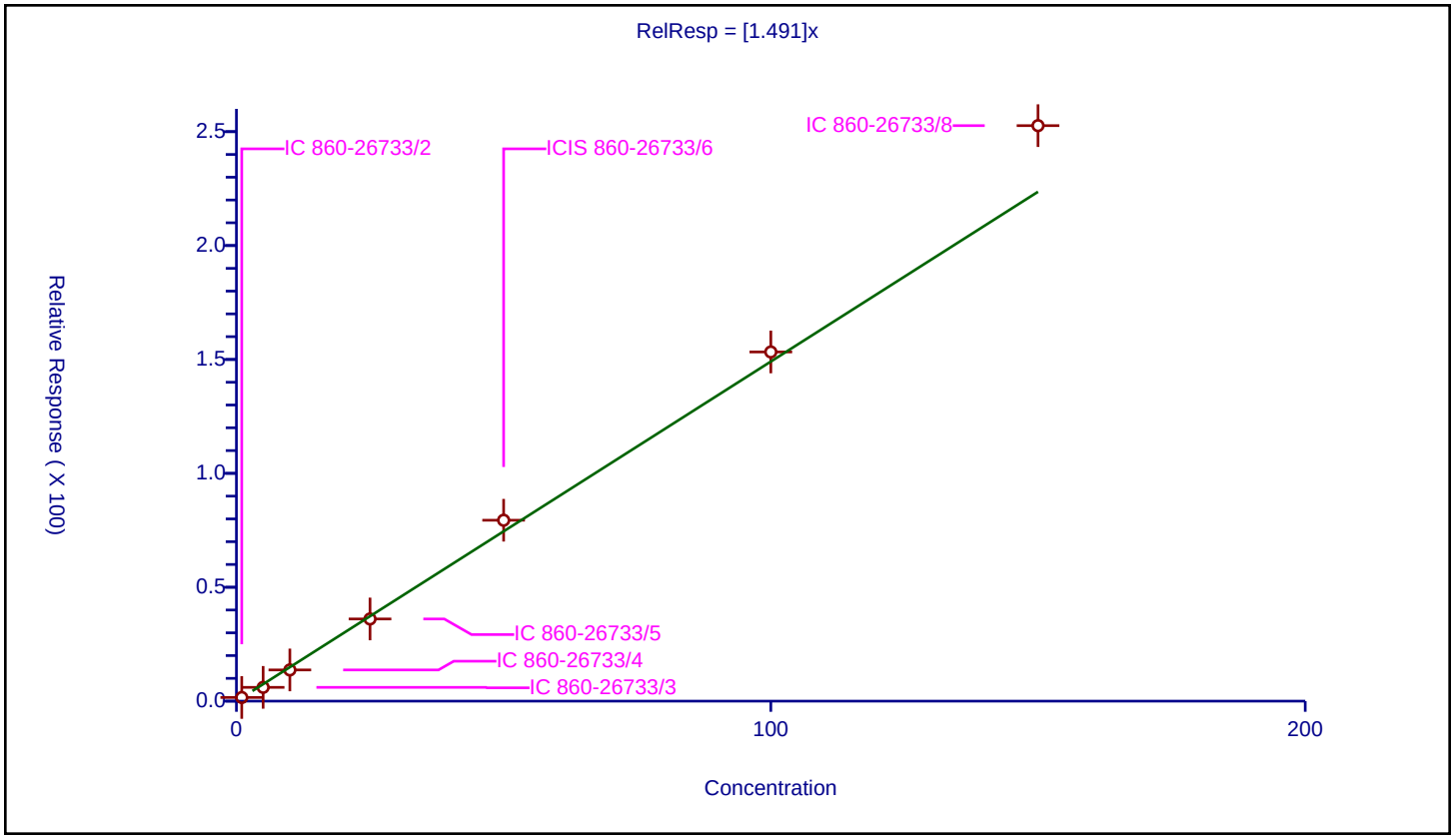
Curve Coefficients

Intercept:	0
Slope:	1.491

Error Coefficients

Standard Error:	3480000
Relative Standard Error:	10.9
Correlation Coefficient:	0.991
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	1.607372	50.0	985273.0	1.607372	Y
2	IC 860-26733/3	5.0	6.049851	50.0	1011215.0	1.20997	Y
3	IC 860-26733/4	10.0	13.692708	50.0	1055277.0	1.369271	Y
4	IC 860-26733/5	25.0	36.079557	50.0	1283059.0	1.443182	Y
5	ICIS 860-26733/6	50.0	79.418512	50.0	1130290.0	1.58837	Y
6	IC 860-26733/7	100.0	153.292689	50.0	1351904.0	1.532927	Y
7	IC 860-26733/8	150.0	252.645886	50.0	1418315.0	1.684306	Y



Calibration / Dicyclopentadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

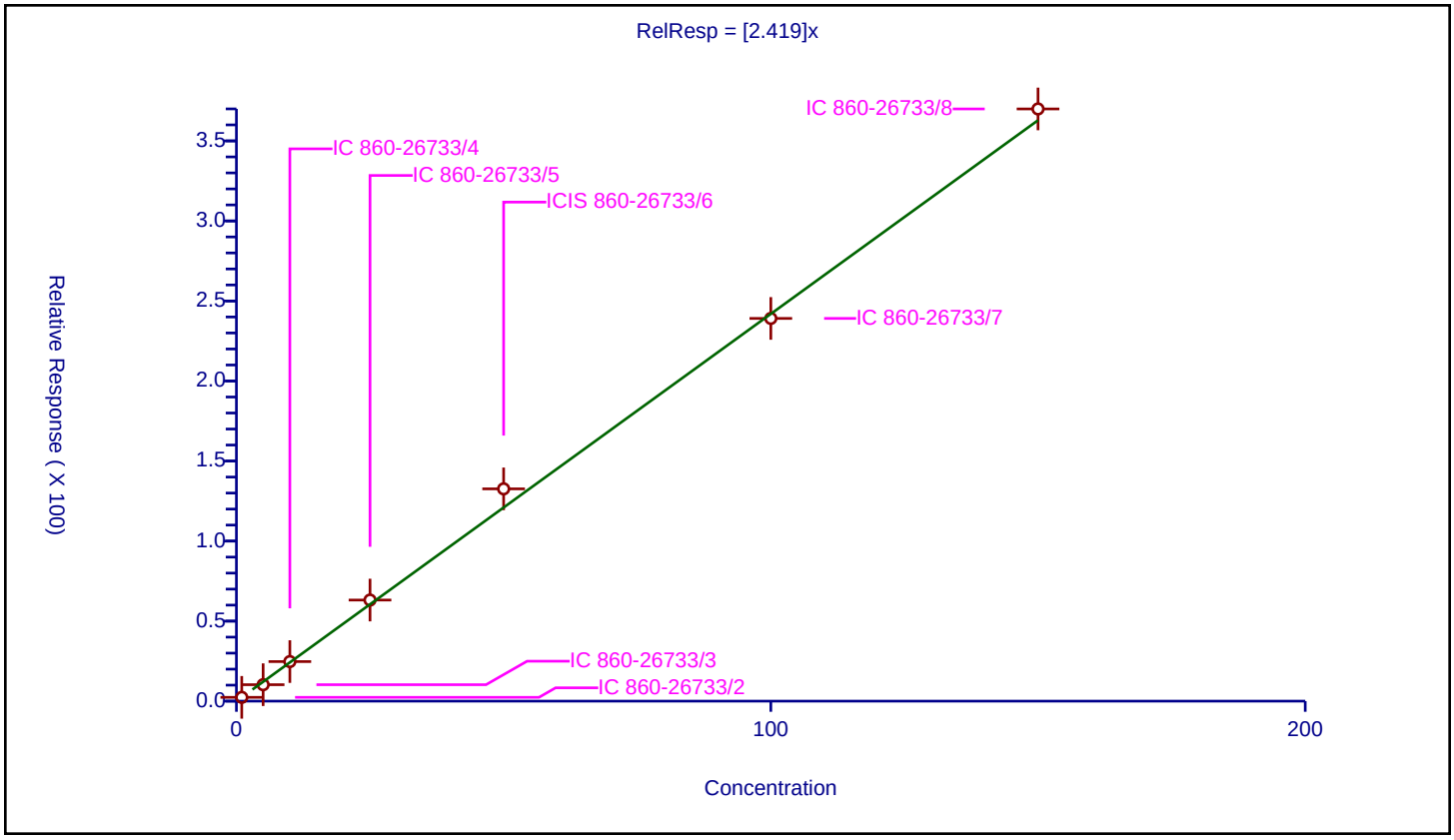
Curve Coefficients

Intercept:	0
Slope:	2.419

Error Coefficients

Standard Error:	5230000
Relative Standard Error:	7.7
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	2.372236	50.0	985273.0	2.372236	Y
2	IC 860-26733/3	5.0	10.268786	50.0	1011215.0	2.053757	Y
3	IC 860-26733/4	10.0	24.718913	50.0	1055277.0	2.471891	Y
4	IC 860-26733/5	25.0	63.161632	50.0	1283059.0	2.526465	Y
5	ICIS 860-26733/6	50.0	132.629546	50.0	1130290.0	2.652591	Y
6	IC 860-26733/7	100.0	239.10052	50.0	1351904.0	2.391005	Y
7	IC 860-26733/8	150.0	369.962596	50.0	1418315.0	2.466417	Y



Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

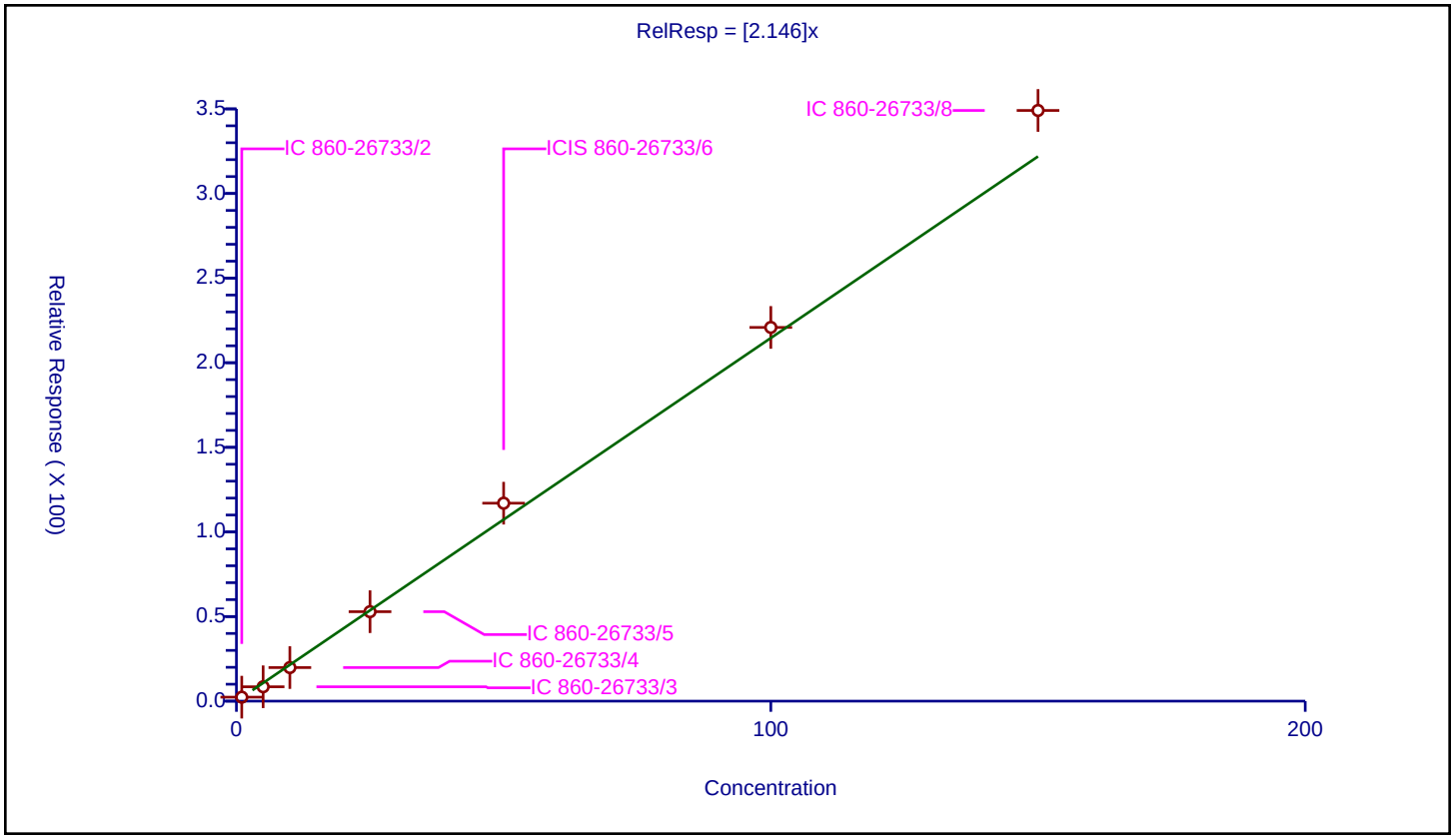
Curve Coefficients

Intercept:	0
Slope:	2.146

Error Coefficients

Standard Error:	4880000
Relative Standard Error:	11.2
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	2.351125	50.0	985273.0	2.351125	Y
2	IC 860-26733/3	5.0	8.484793	50.0	1011215.0	1.696959	Y
3	IC 860-26733/4	10.0	19.839388	50.0	1055277.0	1.983939	Y
4	IC 860-26733/5	25.0	52.863274	50.0	1283059.0	2.114531	Y
5	ICIS 860-26733/6	50.0	116.983208	50.0	1130290.0	2.339664	Y
6	IC 860-26733/7	100.0	220.861725	50.0	1351904.0	2.208617	Y
7	IC 860-26733/8	150.0	349.067132	50.0	1418315.0	2.327114	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

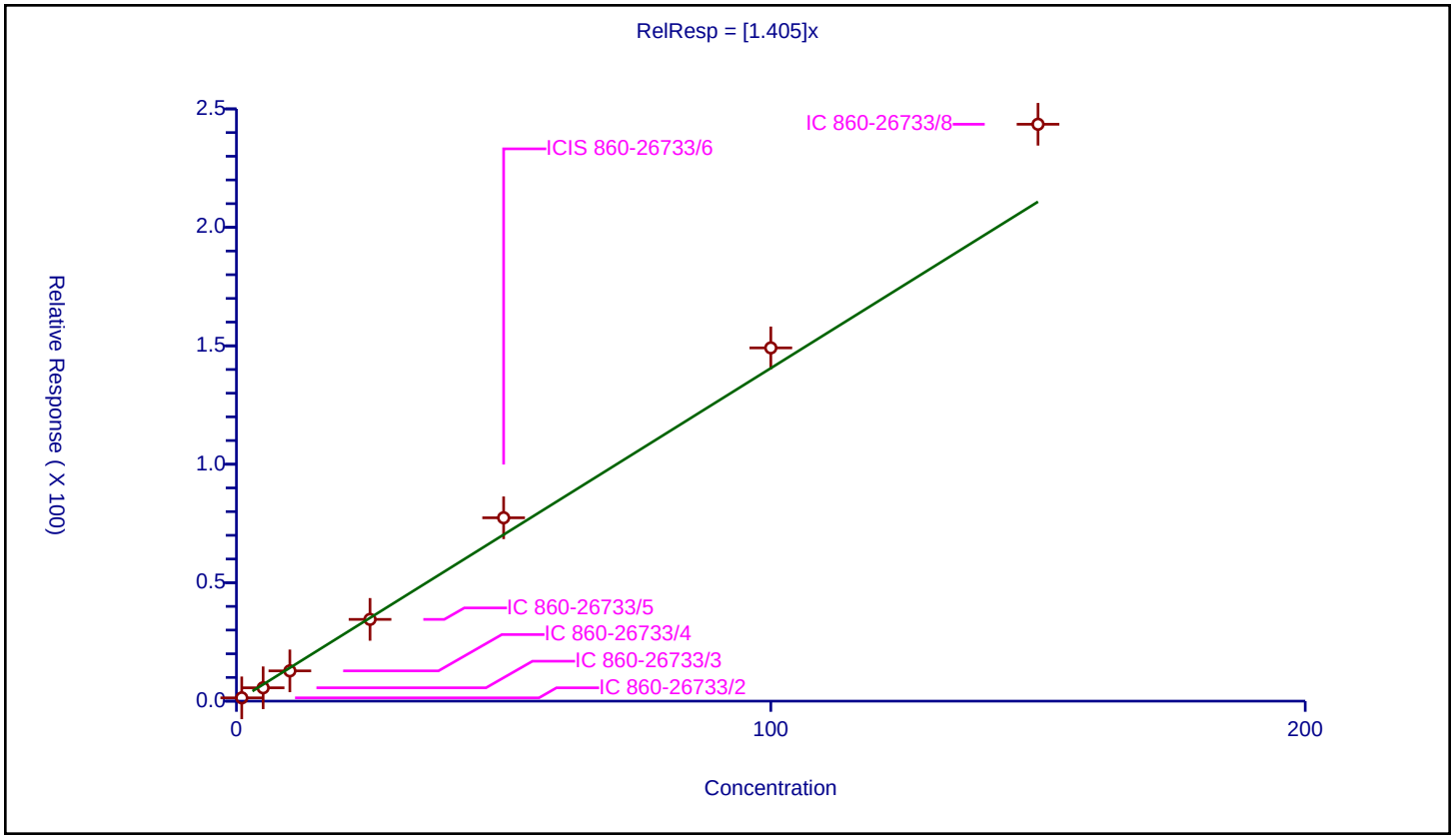
Curve Coefficients

Intercept:	0
Slope:	1.405

Error Coefficients

Standard Error:	3360000
Relative Standard Error:	12.0
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	1.390833	50.0	985273.0	1.390833	Y
2	IC 860-26733/3	5.0	5.63441	50.0	1011215.0	1.126882	Y
3	IC 860-26733/4	10.0	12.774229	50.0	1055277.0	1.277423	Y
4	IC 860-26733/5	25.0	34.51139	50.0	1283059.0	1.380456	Y
5	ICIS 860-26733/6	50.0	77.4054	50.0	1130290.0	1.548108	Y
6	IC 860-26733/7	100.0	149.121387	50.0	1351904.0	1.491214	Y
7	IC 860-26733/8	150.0	243.513853	50.0	1418315.0	1.623426	Y



Calibration / 1,2-Dibromo-3-Chloropropane

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

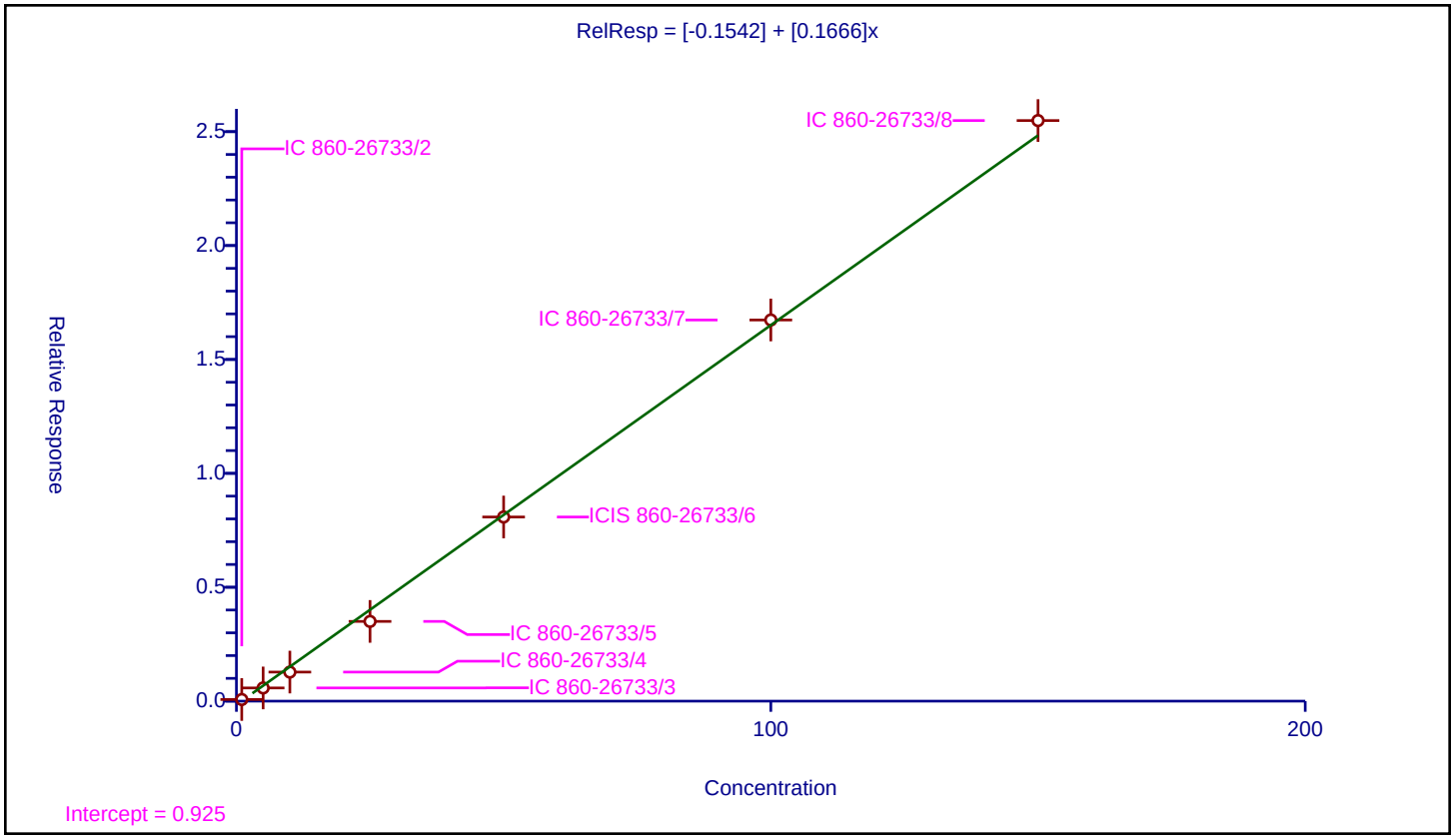
Curve Coefficients

Intercept:	-0.1542
Slope:	0.1666

Error Coefficients

Standard Error:	392000
Relative Standard Error:	18.8
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	0.071655	50.0	985273.0	0.071655	Y
2	IC 860-26733/3	5.0	0.578809	50.0	1011215.0	0.115762	Y
3	IC 860-26733/4	10.0	1.275826	50.0	1055277.0	0.127583	Y
4	IC 860-26733/5	25.0	3.500268	50.0	1283059.0	0.140011	Y
5	ICIS 860-26733/6	50.0	8.083855	50.0	1130290.0	0.161677	Y
6	IC 860-26733/7	100.0	16.732142	50.0	1351904.0	0.167321	Y
7	IC 860-26733/8	150.0	25.487568	50.0	1418315.0	0.169917	Y



Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

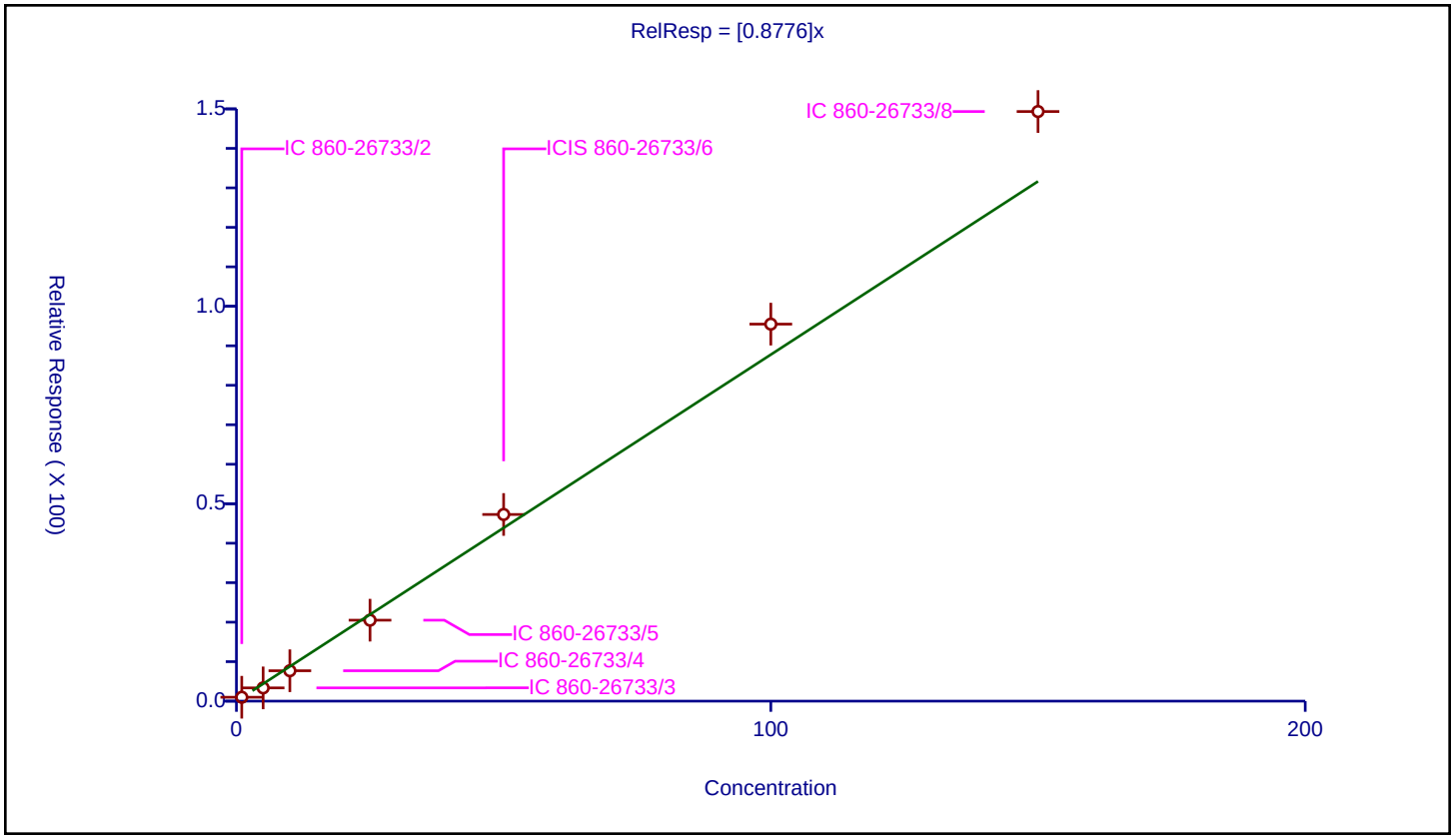
Curve Coefficients

Intercept:	0
Slope:	0.8776

Error Coefficients

Standard Error:	2080000
Relative Standard Error:	14.3
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	0.986478	50.0	985273.0	0.986478	Y
2	IC 860-26733/3	5.0	3.35621	50.0	1011215.0	0.671242	Y
3	IC 860-26733/4	10.0	7.696984	50.0	1055277.0	0.769698	Y
4	IC 860-26733/5	25.0	20.501629	50.0	1283059.0	0.820065	Y
5	ICIS 860-26733/6	50.0	47.276938	50.0	1130290.0	0.945539	Y
6	IC 860-26733/7	100.0	95.485441	50.0	1351904.0	0.954854	Y
7	IC 860-26733/8	150.0	149.335197	50.0	1418315.0	0.995568	Y



Calibration / Hexachlorobutadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

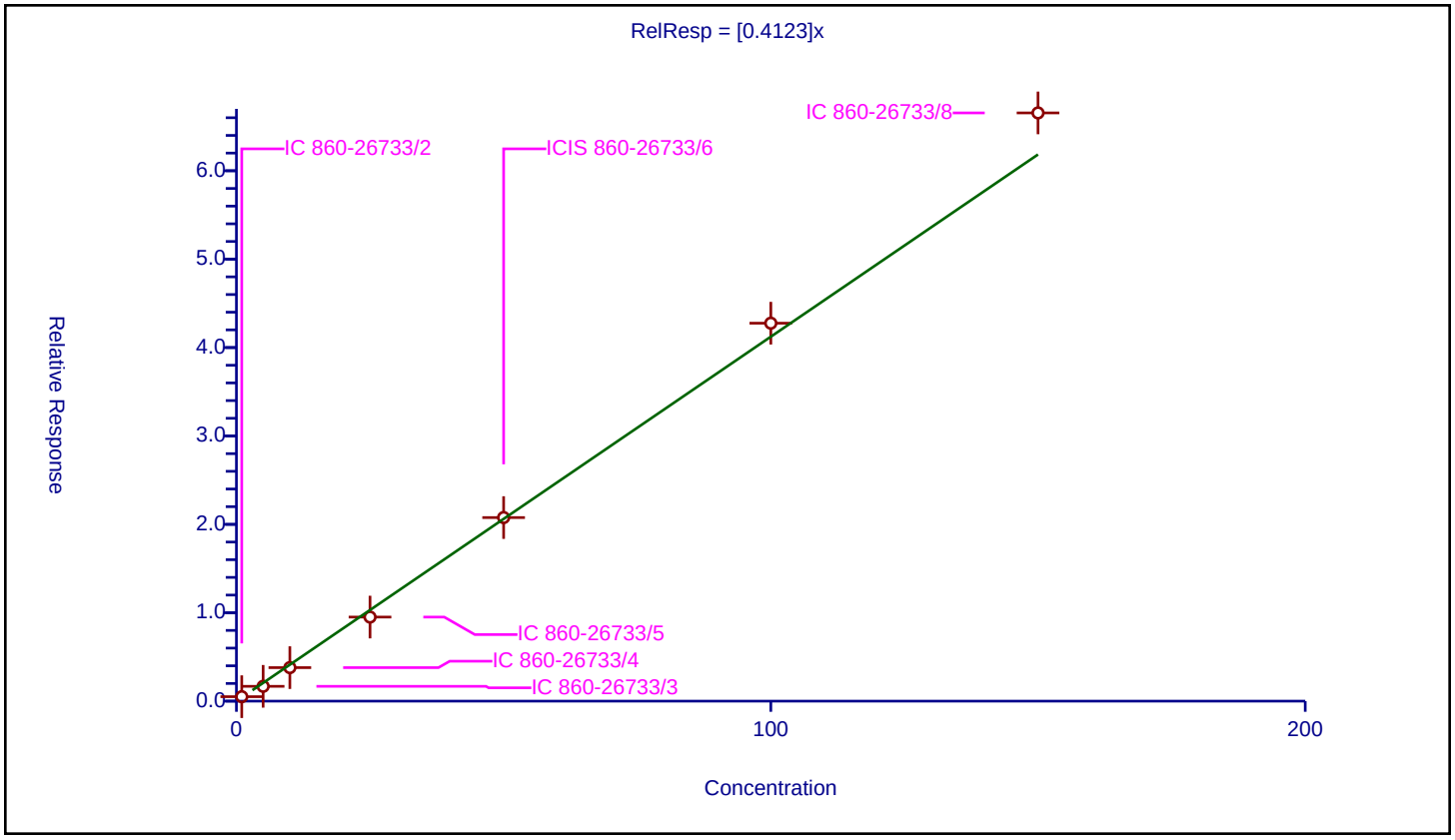
Curve Coefficients

Intercept:	0
Slope:	0.4123

Error Coefficients

Standard Error:	930000
Relative Standard Error:	13.2
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	0.504429	50.0	985273.0	0.504429	Y
2	IC 860-26733/3	5.0	1.676844	50.0	1011215.0	0.335369	Y
3	IC 860-26733/4	10.0	3.792132	50.0	1055277.0	0.379213	Y
4	IC 860-26733/5	25.0	9.510903	50.0	1283059.0	0.380436	Y
5	ICIS 860-26733/6	50.0	20.768697	50.0	1130290.0	0.415374	Y
6	IC 860-26733/7	100.0	42.75666	50.0	1351904.0	0.427567	Y
7	IC 860-26733/8	150.0	66.543575	50.0	1418315.0	0.443624	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

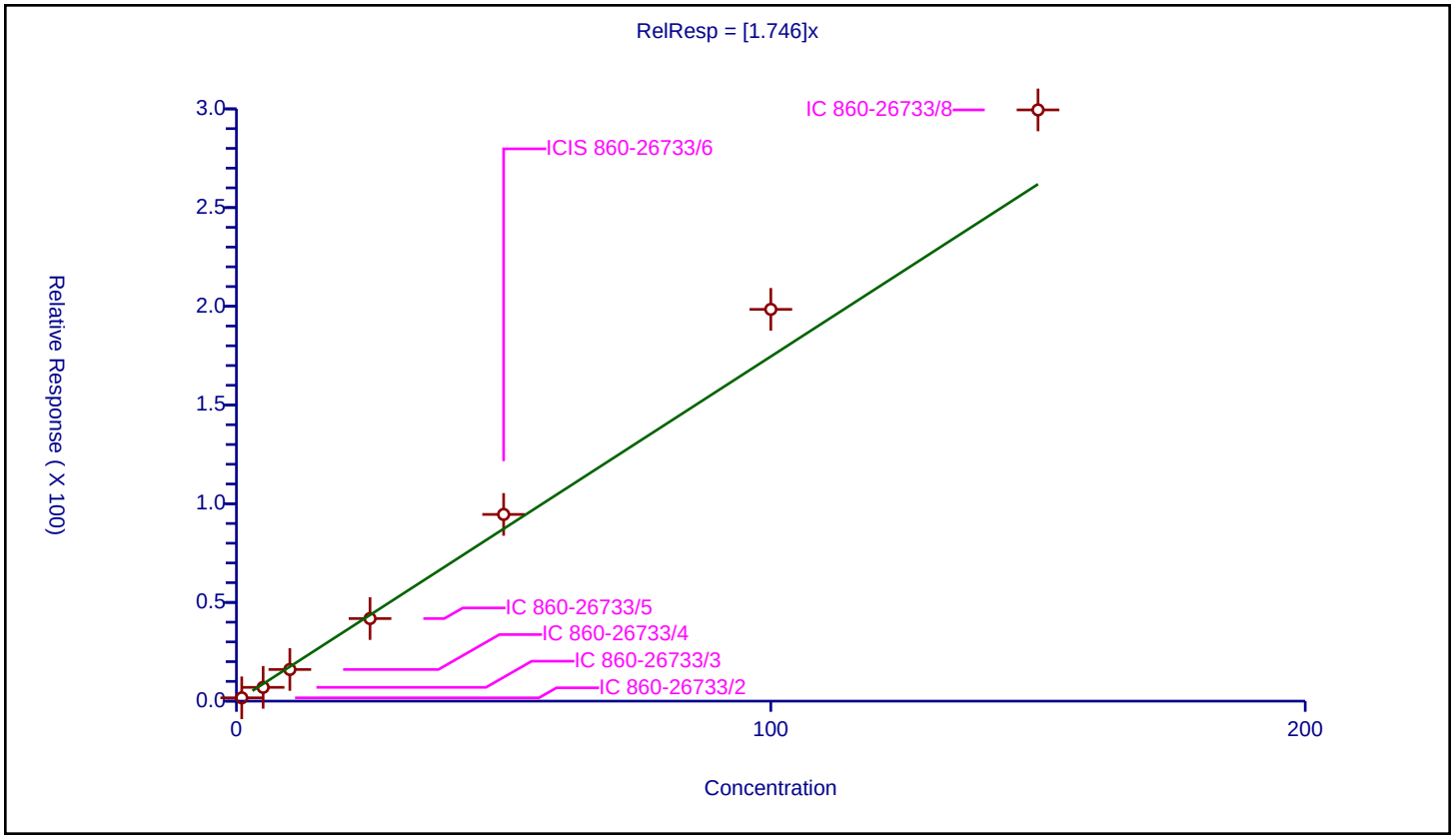
Curve Coefficients

Intercept:	0
Slope:	1.746

Error Coefficients

Standard Error:	4220000
Relative Standard Error:	12.7
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	1.674511	50.0	985273.0	1.674511	Y
2	IC 860-26733/3	5.0	6.985211	50.0	1011215.0	1.397042	Y
3	IC 860-26733/4	10.0	16.029962	50.0	1055277.0	1.602996	Y
4	IC 860-26733/5	25.0	41.834319	50.0	1283059.0	1.673373	Y
5	ICIS 860-26733/6	50.0	94.578736	50.0	1130290.0	1.891575	Y
6	IC 860-26733/7	100.0	198.45333	50.0	1351904.0	1.984533	Y
7	IC 860-26733/8	150.0	299.48749	50.0	1418315.0	1.996583	Y



Calibration / 1,2,3-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

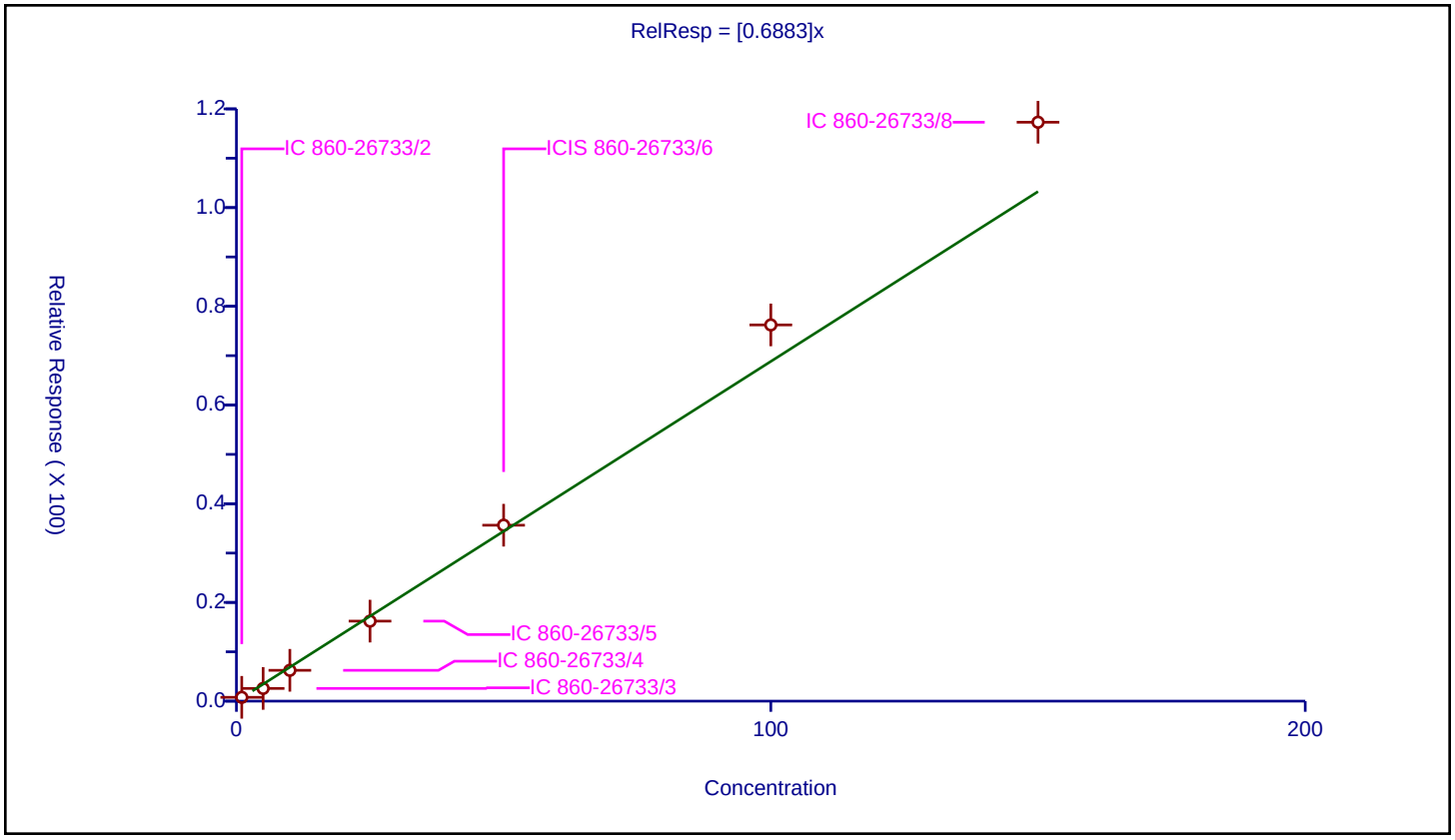
Curve Coefficients

Intercept:	0
Slope:	0.6883

Error Coefficients

Standard Error:	1640000
Relative Standard Error:	14.2
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	0.772679	50.0	985273.0	0.772679	Y
2	IC 860-26733/3	5.0	2.575713	50.0	1011215.0	0.515143	Y
3	IC 860-26733/4	10.0	6.246369	50.0	1055277.0	0.624637	Y
4	IC 860-26733/5	25.0	16.212777	50.0	1283059.0	0.648511	Y
5	ICIS 860-26733/6	50.0	35.648595	50.0	1130290.0	0.712972	Y
6	IC 860-26733/7	100.0	76.228268	50.0	1351904.0	0.762283	Y
7	IC 860-26733/8	150.0	117.296898	50.0	1418315.0	0.781979	Y



Calibration / 2-Methylnaphthalene

Curve Type:	Quadratic
Weighting:	None
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

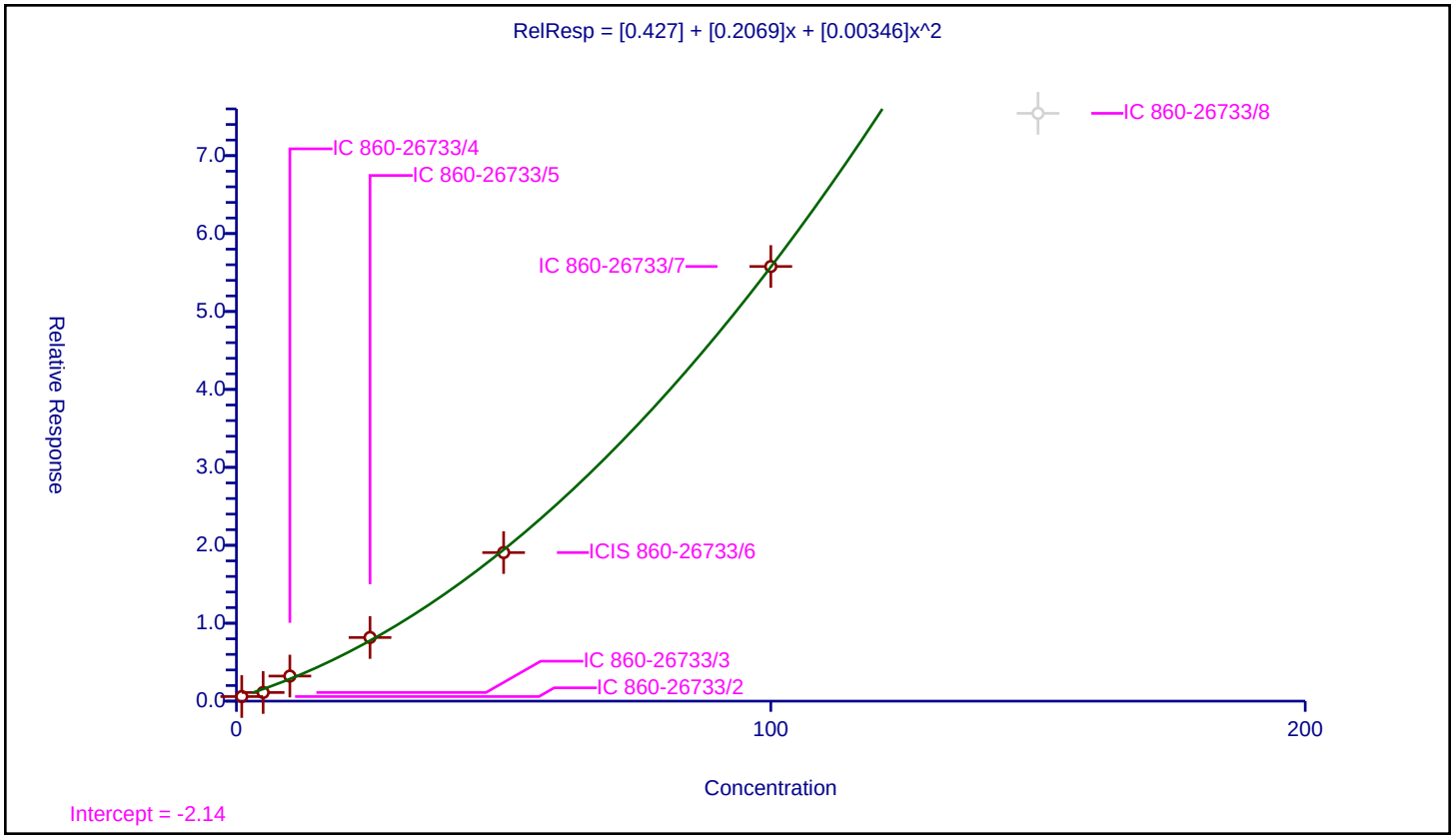
Curve Coefficients

Intercept:	0.427
Slope:	0.2069
Second Order:	0.00346

Error Coefficients

Standard Error:	915000
Relative Standard Error:	26.5
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-26733/2	1.0	0.589532	50.0	985273.0	0.589532	Y
2	IC 860-26733/3	5.0	1.10748	50.0	1011215.0	0.221496	Y
3	IC 860-26733/4	10.0	3.217781	50.0	1055277.0	0.321778	Y
4	IC 860-26733/5	25.0	8.166928	50.0	1283059.0	0.326677	Y
5	ICIS 860-26733/6	50.0	19.066832	50.0	1130290.0	0.381337	Y
6	IC 860-26733/7	100.0	55.775373	50.0	1351904.0	0.557754	Y
7	IC 860-26733/8	150.0	75.430564	50.0	1418315.0	0.50287	N



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Lab Sample ID: CCVIS 860-27209/2 Calibration Date: 10/19/2021 22:12

Instrument ID: A292 Calib Start Date: 04/08/2021 20:09

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 04/08/2021 22:03

Lab File ID: E10192142.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diethyl ether	Ave	0.3963			0.100	50.0		
Ethyl acetate	Ave	0.4730			1.00	100		

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Lab Sample ID: CCVIS 860-27209/2 Calibration Date: 10/19/2021 22:12

Instrument ID: A292 Calib Start Date: 10/19/2021 08:52

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 10/19/2021 10:55

Lab File ID: E10192142.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propene	Lin1		0.2226		41.6	50.0	-16.7	20.0
Dichlorodifluoromethane	Ave	0.3254	0.3349		51.5	50.0	2.9	50.0
Chloromethane	Ave	0.4753	0.4909		51.6	50.0	3.3	20.0
Vinyl chloride	Ave	0.4459	0.4728		53.0	50.0	6.0	20.0
1,3-Butadiene	Ave	0.3786	0.3776		47.2	50.0	-0.3	50.0
Ethylene oxide	Ave	0.0645	0.0645		258	250	0.1	50.0
Bromomethane	Ave	0.3908	0.3740		47.9	50.0	-4.3	20.0
Chloroethane	Ave	0.2765	0.2885		52.2	50.0	4.3	20.0
Trichlorofluoromethane	Ave	0.5749	0.6082		49.3	50.0	5.8	20.0
Isopropyl alcohol	Ave	0.0282	0.0297		528	500	5.6	50.0
Acrolein	Ave	0.0650	0.0644		247	250	-1.1	50.0
1,1-Dichloroethene	Ave	0.3142	0.3406		54.2	50.0	8.4	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Lin1		0.2592		45.2	50.0	-9.7	20.0
Acetone	Ave	0.0447	0.0407		227	250	-9.0	50.0
Iodomethane (Methyl Iodide)	Lin1		0.4753		48.9	50.0	-2.3	50.0
Carbon disulfide	Ave	1.099	1.124		51.1	50.0	2.3	20.0
Acetonitrile	Ave	0.0405	0.0406		502	500	0.4	20.0
Allyl Chloride (3-Chloropropene)	Ave	0.2334	0.2450		52.5	50.0	5.0	20.0
Methyl acetate	Ave	0.3831	0.3847		100	100	0.4	20.0
Methylene Chloride	Ave	0.4574	0.4739		51.8	50.0	3.6	50.0
tert-Butyl alcohol	Ave	0.0515	0.0520		505	500	1.1	20.0
Acrylonitrile	Ave	0.1813	0.1852		511	500	2.1	50.0
trans-1,2-Dichloroethene	Ave	0.3727	0.4085		54.8	50.0	9.6	20.0
MTBE	Ave	1.360	1.463		53.8	50.0	7.6	20.0
n-Hexane	Ave	0.4623	0.4325		46.8	50.0	-6.4	20.0
1,1-Dichloroethane	Ave	0.7745	0.8631		55.7	50.0	11.4	20.0
Vinyl acetate	Ave	1.341	1.398		270	250	4.2	50.0
Isopropyl ether	Ave	1.543	1.726		55.9	50.0	11.9	20.0
Chloroprene	Ave	0.6297	0.7054		56.0	50.0	12.0	20.0
Ethyl tert-butyl ether	Ave	1.486	1.629		54.8	50.0	9.6	20.0
2,2-Dichloropropane	Ave	0.6393	0.6836		53.5	50.0	6.9	20.0
cis-1,2-Dichloroethene	Ave	0.7195	0.7969		55.4	50.0	10.8	20.0
2-Butanone	Ave	0.0540	0.0542		251	250	0.4	50.0
Propane Nitrile (Propionitrile)	Ave	0.0698	0.0708		508	500	1.5	20.0
Bromochloromethane	Ave	0.3185	0.3406		53.5	50.0	6.9	20.0
Methacrylonitrile	Ave	0.2023	0.2112		522	500	4.4	20.0
Tetrahydrofuran	Ave	0.1593	0.1552		97.5	100	-2.5	20.0
Chloroform	Ave	0.7775	0.8710		56.0	50.0	12.0	20.0
1,1,1-Trichloroethane	Ave	0.6326	0.7105		56.2	50.0	12.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Lab Sample ID: CCVIS 860-27209/2 Calibration Date: 10/19/2021 22:12

Instrument ID: A292 Calib Start Date: 10/19/2021 08:52

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 10/19/2021 10:55

Lab File ID: E10192142.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Cyclohexane	Ave	0.5711	0.4846		43.8	50.0	-15.1	20.0
Carbon tetrachloride	Ave	0.5034	0.5589		55.5	50.0	11.0	20.0
Isobutanol	Ave	0.0139	0.0146		1307	1240	4.9	50.0
Benzene	Ave	1.100	1.195		54.3	50.0	8.6	20.0
1,2-Dichloroethane	Ave	0.4495	0.5037		56.0	50.0	12.1	20.0
2,2,4-Trimethylpentane	Ave	0.6580	0.6344		48.2	50.0	-3.6	20.0
Tert-amyl methyl ether	Ave	0.8729	0.9460		54.2	50.0	8.4	20.0
Trichloroethene	Ave	0.2647	0.2880		54.4	50.0	8.8	20.0
Methylcyclohexane	Ave	0.3866	0.3740		48.4	50.0	-3.3	20.0
1,2-Dichloropropane	Ave	0.3324	0.3674		55.3	50.0	10.5	20.0
Dibromomethane	Ave	0.2037	0.2178		53.5	50.0	6.9	20.0
Methyl methacrylate	Ave	0.2343	0.2467		105	100	5.3	50.0
1,4-Dioxane (P-Dioxane)	Ave	0.0029	0.0028		990	1000	-1.0	50.0
Bromodichloromethane	Ave	0.4146	0.4579		55.2	50.0	10.5	20.0
2-Chloroethyl vinyl ether	Ave	0.1838	0.1974		53.7	50.0	7.4	20.0
cis-1,3-Dichloropropene	Ave	0.5233	0.5610		53.6	50.0	7.2	20.0
4-Methyl-2-pentanone	Ave	0.3142	0.3394		270	250	8.0	50.0
Toluene	Ave	0.7601	0.8170		53.7	50.0	7.5	20.0
trans-1,3-Dichloropropene	Ave	0.5643	0.6047		53.6	50.0	7.2	20.0
Ethyl methacrylate	Ave	0.4814	0.5177		53.8	50.0	7.6	50.0
1,1,2-Trichloroethane	Ave	0.2850	0.2975		52.2	50.0	4.4	20.0
1,3-Dichloropropane	Ave	0.5286	0.5694		53.9	50.0	7.7	20.0
2-Hexanone	Ave	0.2443	0.2644		271	250	8.2	50.0
Dibromochloromethane	Ave	0.3625	0.3847		53.1	50.0	6.1	20.0
1,2-Dibromoethane	Ave	0.3335	0.3493		52.4	50.0	4.7	20.0
1-Chlorohexane	Ave	0.3231	0.3102		47.8	50.0	-4.0	20.0
Chlorobenzene	Ave	0.8645	0.9368		54.2	50.0	8.4	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3334	0.3633		54.5	50.0	9.0	20.0
Ethylbenzene	Ave	1.420	1.555		54.8	50.0	9.5	20.0
m,p-Xylenes	Ave	1.100	1.223		55.6	50.0	11.2	20.0
o-Xylene	Ave	1.182	1.298		54.9	50.0	9.8	20.0
Styrene	Ave	0.9439	1.024		54.2	50.0	8.5	20.0
Bromoform	Ave	0.2402	0.2531		52.7	50.0	5.4	20.0
Isopropylbenzene	Ave	1.311	1.451		55.3	50.0	10.6	20.0
Cyclohexanone	Ave	0.0115	0.0125		2720	2500	8.8	50.0
1,1,2,2-Tetrachloroethane	Ave	0.7923	0.8295		52.4	50.0	4.7	20.0
Bromobenzene	Ave	0.7827	0.8384		53.6	50.0	7.1	20.0
1,2,3-Trichloropropane	Ave	1.017	1.035		50.9	50.0	1.7	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2555	0.2534		49.6	50.0	-0.8	50.0
N-Propylbenzene	Ave	3.238	3.509		54.2	50.0	8.4	20.0
2-Chlorotoluene	Ave	2.332	2.554		54.8	50.0	9.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Lab Sample ID: CCVIS 860-27209/2 Calibration Date: 10/19/2021 22:12

Instrument ID: A292 Calib Start Date: 10/19/2021 08:52

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 10/19/2021 10:55

Lab File ID: E10192142.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Ethyltoluene	Ave	2.591	2.800		54.1	50.0	8.1	20.0
1,3,5-Trimethylbenzene	Ave	2.368	2.576		54.4	50.0	8.7	20.0
4-Chlorotoluene	Ave	2.387	2.616		54.8	50.0	9.6	20.0
tert-Butylbenzene	Ave	1.895	2.064		54.4	50.0	8.9	20.0
1,2,4-Trimethylbenzene	Ave	2.440	2.640		54.1	50.0	8.2	20.0
sec-Butylbenzene	Ave	2.717	2.929		53.9	50.0	7.8	20.0
1,3-Dichlorobenzene	Ave	1.341	1.452		54.2	50.0	8.3	20.0
p-Cymene (p-Isopropyltoluene)	Ave	2.319	2.490		53.7	50.0	7.4	20.0
1,4-Dichlorobenzene	Ave	1.378	1.493		54.2	50.0	8.3	20.0
Dicyclopentadiene	Ave	2.986	3.273		54.8	50.0	9.6	20.0
Benzyl chloride	Ave	0.2376	0.2222		46.8	50.0	-6.5	20.0
n-Butylbenzene	Ave	2.162	2.335		54.0	50.0	8.0	20.0
1,2-Dichlorobenzene	Ave	1.259	1.383		54.9	50.0	9.8	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1144	0.1290		56.4	50.0	12.8	50.0
1,2,4-Trichlorobenzene	Ave	0.5855	0.6879		58.7	50.0	17.5	20.0
Naphthalene	Ave	0.9538	1.206		63.2	50.0	26.4*	20.0
1,2,3-Trichlorobenzene	Ave	0.3513	0.4448		59.8	50.0	26.6*	20.0
2-Methylnaphthalene	Lin1		0.2168		68.5	50.0	36.9*	20.0
1-Methylnaphthalene	Lin1		0.1641		70.9	50.0	41.8*	20.0
Dibromofluoromethane (Surr)	Ave	0.4993	0.5078		50.9	50.0	1.7	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3965	0.4142		52.2	50.0	4.5	20.0
Toluene-d8 (Surr)	Ave	1.429	1.425		49.9	50.0	-0.3	20.0
4-Bromofluorobenzene (Surr)	Ave	1.105	1.098		49.7	50.0	-0.6	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Lab Sample ID: CCVIS 860-27209/2 Calibration Date: 10/19/2021 22:12

Instrument ID: A292 Calib Start Date: 10/19/2021 08:52

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 10/19/2021 10:55

Lab File ID: E10192142.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1-Dichloropropene	Ave	0.5310	0.5738		54.0	50.0	8.1	20.0
n-Butanol	Ave	0.0176	0.0191		1346	1240	8.6	20.0
Tetrachloroethylene	Ave	0.2353	0.2509		53.3	50.0	6.6	20.0
Hexachlorobutadiene	Ave	0.2971	0.3364		56.6	50.0	13.2	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Lab Sample ID: CCVIS 860-27279/2 Calibration Date: 10/20/2021 09:02

Instrument ID: A292 Calib Start Date: 10/19/2021 08:52

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 10/19/2021 10:55

Lab File ID: E10202103.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propene	Lin1		0.2603		49.4	50.0	-1.2	20.0
Dichlorodifluoromethane	Ave	0.3254	0.3624		55.7	50.0	11.4	50.0
Chloromethane	Ave	0.4753	0.4665		49.1	50.0	-1.8	20.0
Vinyl chloride	Ave	0.4459	0.4538		50.9	50.0	1.8	20.0
1,3-Butadiene	Lin1		0.3831		47.9	50.0	-4.3	50.0
Ethylene oxide	Lin1		0.0620		248	250	-0.7	50.0
Bromomethane	Ave	0.3908	0.3490		44.7	50.0	-10.7	20.0
Chloroethane	Ave	0.2765	0.2794		50.5	50.0	1.0	20.0
Trichlorofluoromethane	Lin1		0.6485		52.5	50.0	5.0	20.0
Isopropyl alcohol	Ave	0.0276	0.0298		528	500	5.7	50.0
Acrolein	Ave	0.0650	0.0605		233	250	-7.0	50.0
1,1-Dichloroethene	Ave	0.3142	0.3468		55.2	50.0	10.4	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Lin1		0.2880		50.1	50.0	0.2	20.0
Acetone	Ave	0.0447	0.0393		220	250	-12.1	50.0
Iodomethane (Methyl Iodide)	Lin1		0.4826		49.5	50.0	-1.0	50.0
Carbon disulfide	Ave	1.099	1.108		50.4	50.0	0.8	20.0
Acetonitrile	Ave	0.0405	0.0396		489	500	-2.3	20.0
Allyl Chloride (3-Chloropropene)	Ave	0.2334	0.2459		52.7	50.0	5.3	20.0
Methyl acetate	Ave	0.3831	0.3758		98.1	100	-1.9	20.0
Methylene Chloride	Ave	0.4574	0.4726		51.7	50.0	3.3	50.0
tert-Butyl alcohol	Ave	0.0515	0.0465		452	500	-9.6	20.0
Acrylonitrile	Ave	0.1813	0.1801		497	500	-0.7	50.0
trans-1,2-Dichloroethene	Ave	0.3727	0.4051		54.3	50.0	8.7	20.0
MTBE	Ave	1.360	1.444		53.1	50.0	6.2	20.0
n-Hexane	Ave	0.4623	0.4780		51.7	50.0	3.4	20.0
1,1-Dichloroethane	Ave	0.7745	0.8659		55.9	50.0	11.8	20.0
Vinyl acetate	Ave	1.297	1.397		270	250	7.8	50.0
Isopropyl ether	Ave	1.543	1.759		57.0	50.0	14.0	20.0
Chloroprene	Ave	0.6297	0.7278		57.8	50.0	15.6	20.0
Ethyl tert-butyl ether	Ave	1.486	1.629		54.8	50.0	9.6	20.0
2,2-Dichloropropane	Ave	0.6393	0.7560		59.1	50.0	18.2	20.0
cis-1,2-Dichloroethene	Ave	0.7195	0.8080		56.2	50.0	12.3	20.0
2-Butanone	Ave	0.0540	0.0522		242	250	-3.4	50.0
Propane Nitrile (Propionitrile)	Ave	0.0698	0.0675		484	500	-3.3	20.0
Bromochloromethane	Ave	0.3185	0.3398		53.4	50.0	6.7	20.0
Methacrylonitrile	Ave	0.2023	0.2035		503	500	0.6	20.0
Tetrahydrofuran	Ave	0.1593	0.1525		95.8	100	-4.2	20.0
Chloroform	Ave	0.7775	0.8809		56.7	50.0	13.3	20.0
1,1,1-Trichloroethane	Ave	0.6326	0.7199		56.9	50.0	13.8	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Lab Sample ID: CCVIS 860-27279/2 Calibration Date: 10/20/2021 09:02

Instrument ID: A292 Calib Start Date: 10/19/2021 08:52

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 10/19/2021 10:55

Lab File ID: E10202103.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Cyclohexane	Lin1		0.5247		47.6	50.0	-4.9	20.0
1,1-Dichloropropene	Ave	0.5310	0.5945		56.0	50.0	12.0	20.0
Carbon tetrachloride	Ave	0.5034	0.5819		57.8	50.0	15.6	20.0
Isobutanol	Ave	0.0138	0.0128		1151	1240	-7.2	50.0
Benzene	Ave	1.100	1.167		53.0	50.0	6.1	20.0
1,2-Dichloroethane	Ave	0.4495	0.5009		55.7	50.0	11.4	20.0
2,2,4-Trimethylpentane	Ave	0.6580	0.6828		51.9	50.0	3.8	20.0
Tert-amyl methyl ether	Ave	0.8729	0.9208		52.8	50.0	5.5	20.0
n-Butanol	Ave	0.0176	0.0174		1226	1240	-1.2	20.0
Trichloroethene	Ave	0.2647	0.2845		53.8	50.0	7.5	20.0
Methylcyclohexane	Ave	0.3866	0.4006		51.8	50.0	3.6	20.0
1,2-Dichloropropane	Ave	0.3324	0.3608		54.3	50.0	8.5	20.0
Dibromomethane	Ave	0.2037	0.2135		52.4	50.0	4.8	20.0
Methyl methacrylate	Ave	0.2343	0.2358		101	100	0.6	50.0
1,4-Dioxane (P-Dioxane)	Ave	0.0029	0.0024		837	1000	-16.3	50.0
Bromodichloromethane	Ave	0.4146	0.4543		54.8	50.0	9.6	20.0
2-Chloroethyl vinyl ether	Ave	0.1838	0.1904		51.8	50.0	3.6	20.0
cis-1,3-Dichloropropene	Ave	0.5233	0.5604		53.6	50.0	7.1	20.0
4-Methyl-2-pentanone	Ave	0.3142	0.3195		254	250	1.7	50.0
Toluene	Ave	0.7601	0.8119		53.4	50.0	6.8	20.0
trans-1,3-Dichloropropene	Ave	0.5643	0.6081		53.9	50.0	7.8	20.0
Ethyl methacrylate	Ave	0.4814	0.5057		52.5	50.0	5.1	50.0
1,1,2-Trichloroethane	Ave	0.2850	0.2943		51.6	50.0	3.3	20.0
Tetrachloroethylene	Ave	0.2353	0.2535		53.9	50.0	7.8	20.0
1,3-Dichloropropane	Ave	0.5286	0.5606		53.0	50.0	6.0	20.0
2-Hexanone	Ave	0.2443	0.2495		255	250	2.1	50.0
Dibromochloromethane	Ave	0.3625	0.3781		52.2	50.0	4.3	20.0
1,2-Dibromoethane	Ave	0.3335	0.3396		50.9	50.0	1.8	20.0
1-Chlorohexane	Lin1		0.3248		50.1	50.0	0.1	20.0
Chlorobenzene	Ave	0.8645	0.9291		53.7	50.0	7.5	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3334	0.3642		54.6	50.0	9.2	20.0
Ethylbenzene	Ave	1.420	1.560		55.0	50.0	9.9	20.0
m,p-Xylenes	Ave	1.100	1.227		55.8	50.0	11.6	20.0
o-Xylene	Ave	1.182	1.299		55.0	50.0	9.9	20.0
Styrene	Ave	0.9439	1.021		54.1	50.0	8.1	20.0
Bromoform	Ave	0.2402	0.2419		50.4	50.0	0.7	20.0
Isopropylbenzene	Ave	1.311	1.457		55.6	50.0	11.1	20.0
Cyclohexanone	Ave	0.0115	0.0151		3280	2500	31.2	50.0
1,1,2,2-Tetrachloroethane	Ave	0.7923	0.7952		50.2	50.0	0.4	20.0
Bromobenzene	Ave	0.7827	0.8623		55.1	50.0	10.2	20.0
1,2,3-Trichloropropane	Ave	1.017	1.022		50.2	50.0	0.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Lab Sample ID: CCVIS 860-27279/2 Calibration Date: 10/20/2021 09:02

Instrument ID: A292 Calib Start Date: 10/19/2021 08:52

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 10/19/2021 10:55

Lab File ID: E10202103.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
trans-1,4-Dichloro-2-butene	Ave	0.2555	0.2534		49.6	50.0	-0.8	50.0
N-Propylbenzene	Ave	3.238	3.691		57.0	50.0	14.0	20.0
2-Chlorotoluene	Ave	2.332	2.626		56.3	50.0	12.6	20.0
4-Ethyltoluene	Ave	2.591	2.901		56.0	50.0	12.0	20.0
1,3,5-Trimethylbenzene	Ave	2.368	2.652		56.0	50.0	12.0	20.0
4-Chlorotoluene	Ave	2.387	2.706		56.7	50.0	13.3	20.0
tert-Butylbenzene	Ave	1.895	2.107		55.6	50.0	11.2	20.0
1,2,4-Trimethylbenzene	Ave	2.440	2.742		56.2	50.0	12.4	20.0
sec-Butylbenzene	Ave	2.717	3.034		55.8	50.0	11.7	20.0
1,3-Dichlorobenzene	Ave	1.341	1.491		55.6	50.0	11.2	20.0
p-Cymene (p-Isopropyltoluene)	Ave	2.319	2.592		55.9	50.0	11.8	20.0
1,4-Dichlorobenzene	Ave	1.378	1.501		54.5	50.0	8.9	20.0
Dicyclopentadiene	Ave	2.986	3.361		56.3	50.0	12.6	20.0
Benzyl chloride	Ave	0.2376	0.2354		49.5	50.0	-0.9	20.0
n-Butylbenzene	Ave	2.162	2.456		56.8	50.0	13.6	20.0
1,2-Dichlorobenzene	Ave	1.259	1.374		54.6	50.0	9.2	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1144	0.1076		47.0	50.0	-6.0	50.0
1,2,4-Trichlorobenzene	Ave	0.5855	0.5613		47.9	50.0	-4.1	20.0
Hexachlorobutadiene	Ave	0.2971	0.3135		52.8	50.0	5.5	50.0
Naphthalene	Ave	0.9538	0.8597		45.1	50.0	-9.9	20.0
1,2,3-Trichlorobenzene	Lin1		0.3032		40.9	50.0	-18.1	20.0
2-Methylnaphthalene	Lin1		0.1201		39.2	50.0	-21.6*	20.0
1-Methylnaphthalene	Lin1		0.0897		39.8	50.0	-20.3*	20.0
2-Nitropropane	None				10.0	100	-100.0*	20.0
Diethyl ether	None				0.100	50.0	-100.0*	50.0
Ethyl acetate	None				1.00	100	-100.0*	20.0
t-Amyl alcohol	None				12.5	500	-100.0*	20.0
Dibromofluoromethane (Surr)	Ave	0.4993	0.5144		51.5	50.0	3.0	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3965	0.4232		53.4	50.0	6.7	20.0
Toluene-d8 (Surr)	Ave	1.429	1.441		50.4	50.0	0.9	20.0
4-Bromofluorobenzene (Surr)	Ave	1.105	1.143		51.7	50.0	3.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Lab Sample ID: ICV 860-26284/10 Calibration Date: 10/12/2021 20:12

Instrument ID: A294 Calib Start Date: 10/12/2021 17:08

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 10/12/2021 19:31

Lab File ID: T17914.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propene	Lin1		0.3329		46.8	50.0	-6.3	30.0
Dichlorodifluoromethane	Ave	0.6061	0.5668		46.8	50.0	-6.5	50.0
Chloromethane	Ave	0.5068	0.4952		48.9	50.0	-2.3	30.0
Vinyl chloride	Ave	0.4814	0.4404		45.8	50.0	-8.5	30.0
1,3-Butadiene	Ave	0.3713	0.3407		45.9	50.0	-8.2	50.0
Ethylene oxide	Ave	0.0530	0.0546		258	250	3.1	50.0
Bromomethane	Ave	0.2876	0.3139		54.6	50.0	9.2	30.0
Chloroethane	Ave	0.2792	0.2584		46.3	50.0	-7.4	30.0
Trichlorofluoromethane	Ave	0.8273	0.7964		48.1	50.0	-3.7	30.0
Diethyl ether	Ave	0.2281	0.2329		51.1	50.0	2.1	50.0
Acrolein	Ave	0.0548	0.0585		267	250	6.8	50.0
1,1-Dichloroethene	Lin1		0.3642		51.0	50.0	2.0	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3512	0.3504		49.9	50.0	-0.2	30.0
Acetone	Ave	0.0368	0.0329		224	250	-10.5	50.0
Iodomethane (Methyl Iodide)	Lin1		0.3982		48.9	50.0	-2.2	50.0
Isopropyl alcohol	Ave	0.0210	0.0186		443	500	-11.5	50.0
Carbon disulfide	Ave	1.141	1.144		50.1	50.0	0.3	30.0
Acetonitrile	Ave	0.0198	0.0198		501	500	0.2	30.0
Allyl Chloride (3-Chloropropene)	Ave	0.2293	0.2338		51.0	50.0	1.9	30.0
Methyl acetate	Ave	0.2510	0.2449		97.6	100	-2.4	30.0
Methylene Chloride	Ave	0.4137	0.4172		50.4	50.0	0.9	50.0
tert-Butyl alcohol	Ave	0.0361	0.0352		488	500	-2.4	30.0
Acrylonitrile	Ave	0.1273	0.1273		500	500	0.0	50.0
trans-1,2-Dichloroethene	Ave	0.4170	0.4215		50.5	50.0	1.1	30.0
MTBE	Ave	1.188	1.244		52.4	50.0	4.7	30.0
n-Hexane	Ave	0.6122	0.5932		48.4	50.0	-3.1	30.0
1,1-Dichloroethane	Ave	0.9322	0.9727		52.2	50.0	4.3	30.0
Vinyl acetate	Ave	1.200	1.278		266	250	6.5	50.0
Isopropyl ether	Ave	1.521	1.615		53.1	50.0	6.2	30.0
Chloroprene	Ave	0.7761	0.8211		52.9	50.0	5.8	30.0
Ethyl tert-butyl ether	Ave	1.399	1.544		55.2	50.0	10.3	30.0
2,2-Dichloropropane	Ave	0.8337	0.8530		51.2	50.0	2.3	30.0
cis-1,2-Dichloroethene	Ave	0.7997	0.8445		52.8	50.0	5.6	30.0
2-Butanone	Ave	0.0639	0.0684		268	250	7.0	50.0
Propane Nitrile (Propionitrile)	Ave	0.0696	0.0707		508	500	1.6	30.0
Ethyl acetate	Ave	0.4621	0.4931		107	100	6.7	30.0
Methacrylonitrile	Ave	0.2174	0.2317		533	500	6.6	30.0
Bromochloromethane	Ave	0.4089	0.4359		53.3	50.0	6.6	30.0
Tetrahydrofuran	Ave	0.1366	0.1324		96.9	100	-3.1	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Lab Sample ID: ICV 860-26284/10 Calibration Date: 10/12/2021 20:12

Instrument ID: A294 Calib Start Date: 10/12/2021 17:08

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 10/12/2021 19:31

Lab File ID: T17914.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chloroform	Ave	1.011	1.060		52.4	50.0	4.8	30.0
1,1,1-Trichloroethane	Lin1		1.156		53.1	50.0	6.2	30.0
Cyclohexane	Ave	0.7483	0.7491		50.1	50.0	0.1	30.0
1,1-Dichloropropene	Ave	0.7365	0.7585		51.5	50.0	3.0	30.0
Carbon tetrachloride	Ave	0.8431	0.8869		52.6	50.0	5.2	30.0
Isobutanol	Ave	0.0115	0.0111		1197	1240	-3.5	50.0
Benzene	Ave	1.551	1.591		51.3	50.0	2.5	30.0
1,2-Dichloroethane	Ave	0.5283	0.5508		52.1	50.0	4.3	30.0
2,2,4-Trimethylpentane	Ave	1.059	1.077		50.9	50.0	1.8	30.0
Tert-amyl methyl ether	Ave	0.9936	1.107		55.7	50.0	11.4	30.0
n-Butanol	Ave	0.0072	0.0062		1091	1260	-13.4	30.0
Trichloroethene	Ave	0.4351	0.4373		50.3	50.0	0.5	30.0
Methylcyclohexane	Ave	0.6124	0.6275		51.2	50.0	2.5	30.0
1,2-Dichloropropane	Ave	0.3901	0.3977		51.0	50.0	1.9	30.0
Methyl methacrylate	Ave	0.2502	0.2700		108	100	7.9	50.0
Dibromomethane	Ave	0.2442	0.2577		52.8	50.0	5.5	30.0
1,4-Dioxane (P-Dioxane)	Ave	0.0034	0.0031		919	1000	-8.2	50.0
Bromodichloromethane	Ave	0.5289	0.5501		52.0	50.0	4.0	30.0
2-Nitropropane	Ave	0.1122	0.1165		104	100	3.8	30.0
2-Chloroethyl vinyl ether	Ave	0.2088	0.2273		54.4	50.0	8.9	30.0
cis-1,3-Dichloropropene	Ave	0.5684	0.6202		54.6	50.0	9.1	30.0
4-Methyl-2-pentanone	Ave	0.3012	0.3226		268	250	7.1	50.0
Toluene	Ave	1.168	1.187		50.8	50.0	1.6	30.0
trans-1,3-Dichloropropene	Ave	0.6291	0.6686		53.1	50.0	6.3	30.0
Ethyl methacrylate	Ave	0.4911	0.5359		54.6	50.0	9.1	50.0
1,1,2-Trichloroethane	Ave	0.3419	0.3482		50.9	50.0	1.8	30.0
Tetrachloroethene	Ave	0.4294	0.4402		51.3	50.0	2.5	30.0
1,3-Dichloropropane	Ave	0.6752	0.6917		51.2	50.0	2.4	30.0
2-Hexanone	Ave	0.2344	0.2509		268	250	7.1	50.0
Dibromochloromethane	Ave	0.4777	0.5064		53.0	50.0	6.0	30.0
1,2-Dibromoethane	Ave	0.4063	0.4274		52.6	50.0	5.2	30.0
1-Chlorohexane	Lin1		0.4202		51.3	50.0	2.6	30.0
Chlorobenzene	Ave	1.282	1.331		51.9	50.0	3.8	30.0
1,1,1,2-Tetrachloroethane	Ave	0.4936	0.5216		52.8	50.0	5.7	30.0
Ethylbenzene	Ave	2.026	2.231		55.1	50.0	10.1	30.0
m,p-Xylenes	Ave	1.537	1.721		56.0	50.0	12.0	30.0
o-Xylene	Ave	1.516	1.732		57.1	50.0	14.3	30.0
Styrene	Ave	1.205	1.399		58.1	50.0	16.1	30.0
Bromoform	Ave	0.3064	0.3311		54.0	50.0	8.1	30.0
Isopropylbenzene	Ave	1.851	2.116		57.2	50.0	14.4	30.0
Cyclohexanone	Ave	0.0094	0.0094		2506	2500	0.2	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Lab Sample ID: ICV 860-26284/10 Calibration Date: 10/12/2021 20:12

Instrument ID: A294 Calib Start Date: 10/12/2021 17:08

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 10/12/2021 19:31

Lab File ID: T17914.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1,2,2-Tetrachloroethane	Ave	0.9624	0.9504		49.4	50.0	-1.3	30.0
Bromobenzene	Ave	1.103	1.178		53.4	50.0	6.8	30.0
1,2,3-Trichloropropane	Ave	1.204	1.241		51.6	50.0	3.1	30.0
trans-1,4-Dichloro-2-butene	Ave	0.2391	0.2455		51.3	50.0	2.6	50.0
N-Propylbenzene	Ave	4.662	5.256		56.4	50.0	12.7	30.0
2-Chlorotoluene	Ave	3.288	3.572		54.3	50.0	8.6	30.0
1,3,5-Trimethylbenzene	Ave	3.863	4.399		56.9	50.0	13.9	30.0
4-Ethyltoluene	Ave	3.383	3.869		57.2	50.0	14.4	30.0
4-Chlorotoluene	Ave	3.315	3.672		55.4	50.0	10.8	30.0
tert-Butylbenzene	Ave	2.812	3.193		56.8	50.0	13.6	30.0
1,2,4-Trimethylbenzene	Ave	3.225	3.755		58.2	50.0	16.4	30.0
sec-Butylbenzene	Ave	3.982	4.542		57.0	50.0	14.1	30.0
1,3-Dichlorobenzene	Ave	2.000	2.082		52.1	50.0	4.1	30.0
p-Cymene (p-Isopropyltoluene)	Ave	3.389	3.988		58.8	50.0	17.6	30.0
1,4-Dichlorobenzene	Ave	2.014	2.089		51.9	50.0	3.7	30.0
Dicyclopentadiene	Ave	3.997	4.351		54.4	50.0	8.9	30.0
Benzyl chloride	Ave	0.3065	0.3106		50.7	50.0	1.3	30.0
n-Butylbenzene	Ave	2.937	3.260		55.5	50.0	11.0	30.0
1,2-Dichlorobenzene	Ave	1.778	1.857		52.2	50.0	4.4	30.0
1,2-Dibromo-3-Chloropropane	Lin1		0.1409		50.6	50.0	1.2	50.0
1,2,4-Trichlorobenzene	Ave	0.6273	0.6536		52.1	50.0	4.2	30.0
Hexachlorobutadiene	Ave	0.3943	0.3937		49.9	50.0	-0.1	50.0
Naphthalene	Qua		0.9281		55.1	50.0	10.1	30.0
1,2,3-Trichlorobenzene	Ave	0.4400	0.4337		49.3	50.0	-1.4	30.0
2-Methylnaphthalene	Qua		0.2197		78.3	50.0	56.6*	30.0
1-Methylnaphthalene	Qua		0.1939		84.8	50.0	69.7*	30.0
Dibromofluoromethane (Surr)	Ave	0.4765	0.4692		49.2	50.0	-1.5	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3608	0.3565		49.4	50.0	-1.2	30.0
Toluene-d8 (Surr)	Ave	1.404	1.368		48.7	50.0	-2.6	30.0
4-Bromofluorobenzene (Surr)	Ave	0.9696	0.9913		51.1	50.0	2.2	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Lab Sample ID: CCVIS 860-26856/2 Calibration Date: 10/15/2021 22:30

Instrument ID: A294 Calib Start Date: 10/12/2021 17:08

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 10/12/2021 19:31

Lab File ID: T18107.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propene	Lin1		0.3040		42.3	50.0	-15.4	20.0
Dichlorodifluoromethane	Ave	0.6061	0.4693		38.7	50.0	-22.6	50.0
Chloromethane	Ave	0.5068	0.5437		53.6	50.0	7.3	20.0
Vinyl chloride	Ave	0.4814	0.5144		53.4	50.0	6.9	20.0
1,3-Butadiene	Ave	0.3713	0.4065		54.7	50.0	9.5	50.0
Ethylene oxide	Ave	0.0530	0.0974		460	250	83.9*	50.0
Bromomethane	Ave	0.2876	0.3831		66.6	50.0	33.2*	20.0
Chloroethane	Ave	0.2792	0.3311		59.3	50.0	18.6	20.0
Trichlorofluoromethane	Ave	0.8273	0.7619		46.1	50.0	-7.9	20.0
Diethyl ether	Ave	0.2281	0.4415		96.8	50.0	93.5*	50.0
Acrolein	Ave	0.0548	0.1152		525	250	110.1*	50.0
1,1-Dichloroethene	Lin1		0.3113		43.7	50.0	-12.7	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3512	0.2840		40.4	50.0	-19.1	20.0
Acetone	Ave	0.0368	0.0315		214	250	-14.3	50.0
Iodomethane (Methyl Iodide)	Lin1		0.3508		43.4	50.0	-13.1	50.0
Isopropyl alcohol	Ave	0.0210	0.0177		421	500	-15.8	50.0
Carbon disulfide	Ave	1.141	0.7913		34.7	50.0	-30.6*	20.0
Acetonitrile	Ave	0.0198	0.0231		584	500	16.7	20.0
Allyl Chloride (3-Chloropropene)	Ave	0.2293	0.1734		37.8	50.0	-24.4*	20.0
Methyl acetate	Ave	0.2510	0.1993		79.4	100	-20.6*	20.0
Methylene Chloride	Ave	0.4137	0.3319		40.1	50.0	-19.8	50.0
tert-Butyl alcohol	Ave	0.0361	0.0342		475	500	-5.1	20.0
Acrylonitrile	Ave	0.1273	0.1025		403	500	-19.5	50.0
trans-1,2-Dichloroethene	Ave	0.4170	0.3257		39.1	50.0	-21.9*	20.0
MTBE	Ave	1.188	1.112		46.8	50.0	-6.4	20.0
n-Hexane	Ave	0.6122	0.3744		30.6	50.0	-38.8*	20.0
1,1-Dichloroethane	Ave	0.9322	0.8079		43.3	50.0	-13.3	20.0
Vinyl acetate	Ave	1.200	1.057		220	250	-11.9	50.0
Isopropyl ether	Ave	1.521	1.391		45.7	50.0	-8.5	20.0
Chloroprene	Ave	0.7761	0.7152		46.1	50.0	-7.8	20.0
Ethyl tert-butyl ether	Ave	1.399	1.321		47.2	50.0	-5.6	20.0
cis-1,2-Dichloroethene	Ave	0.7997	0.7154		44.7	50.0	-10.5	20.0
2,2-Dichloropropane	Ave	0.8337	0.7381		44.3	50.0	-11.5	20.0
2-Butanone	Ave	0.0639	0.0589		230	250	-7.8	50.0
Propane Nitrile (Propionitrile)	Ave	0.0696	0.0618		444	500	-11.1	20.0
Ethyl acetate	Ave	0.4621	0.4257		92.1	100	-7.9	20.0
Methacrylonitrile	Ave	0.2174	0.1989		458	500	-8.5	20.0
Bromochloromethane	Ave	0.4089	0.3635		44.5	50.0	-11.1	20.0
Tetrahydrofuran	Ave	0.1366	0.1116		81.7	100	-18.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Lab Sample ID: CCVIS 860-26856/2 Calibration Date: 10/15/2021 22:30

Instrument ID: A294 Calib Start Date: 10/12/2021 17:08

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 10/12/2021 19:31

Lab File ID: T18107.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chloroform	Ave	1.011	0.9556		47.3	50.0	-5.4	20.0
1,1,1-Trichloroethane	Lin1		1.128		50.8	50.0	1.5	20.0
Cyclohexane	Ave	0.7483	0.5524		36.9	50.0	-26.2*	20.0
1,1-Dichloropropene	Ave	0.7365	0.6302		42.8	50.0	-14.4	20.0
Carbon tetrachloride	Ave	0.8431	0.7790		46.2	50.0	-7.6	20.0
Isobutanol	Ave	0.0115	0.0107		1154	1240	-6.9	50.0
Benzene	Ave	1.551	1.352		43.6	50.0	-12.8	20.0
1,2-Dichloroethane	Ave	0.5283	0.5118		48.5	50.0	-3.1	20.0
2,2,4-Trimethylpentane	Ave	1.059	0.7759		36.7	50.0	-26.7*	20.0
Tert-amyl methyl ether	Ave	0.9936	0.9804		49.3	50.0	-1.3	20.0
n-Butanol	Ave	0.0072	0.0066		1142	1240	-7.9	20.0
Trichloroethene	Ave	0.4351	0.3786		43.5	50.0	-13.0	20.0
Methylcyclohexane	Ave	0.6124	0.4603		37.6	50.0	-24.8*	20.0
1,2-Dichloropropane	Ave	0.3901	0.3457		44.3	50.0	-11.4	20.0
Methyl methacrylate	Ave	0.2502	0.2452		98.0	100	-2.0	50.0
Dibromomethane	Ave	0.2442	0.2326		47.6	50.0	-4.8	20.0
1,4-Dioxane (P-Dioxane)	Ave	0.0034	0.0032		932	1000	-6.8	50.0
Bromodichloromethane	Ave	0.5289	0.5077		48.0	50.0	-4.0	20.0
2-Nitropropane	Ave	0.1122	0.1009		89.9	100	-10.1	20.0
2-Chloroethyl vinyl ether	Ave	0.2088	0.1929		46.2	50.0	-7.6	20.0
cis-1,3-Dichloropropene	Ave	0.5684	0.5381		47.3	50.0	-5.3	20.0
4-Methyl-2-pentanone	Ave	0.3012	0.2963		246	250	-1.6	50.0
Toluene	Ave	1.168	0.9880		42.3	50.0	-15.4	20.0
trans-1,3-Dichloropropene	Ave	0.6291	0.5627		44.7	50.0	-10.5	20.0
Ethyl methacrylate	Ave	0.4911	0.4514		46.0	50.0	-8.1	50.0
1,1,2-Trichloroethane	Ave	0.3419	0.3101		45.4	50.0	-9.3	20.0
Tetrachloroethene	Ave	0.4294	0.3577		41.7	50.0	-16.7	20.0
1,3-Dichloropropane	Ave	0.6752	0.5957		44.1	50.0	-11.8	20.0
2-Hexanone	Ave	0.2344	0.2208		236	250	-5.8	50.0
Dibromochloromethane	Ave	0.4777	0.4455		46.6	50.0	-6.7	20.0
1,2-Dibromoethane	Ave	0.4063	0.3643		44.8	50.0	-10.3	20.0
1-Chlorohexane	Lin1		0.3400		41.3	50.0	-17.3	20.0
Chlorobenzene	Ave	1.282	1.139		44.4	50.0	-11.2	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4936	0.4669		47.3	50.0	-5.4	20.0
Ethylbenzene	Ave	2.026	1.877		46.3	50.0	-7.4	20.0
m,p-Xylenes	Ave	1.537	1.438		46.8	50.0	-6.4	20.0
o-Xylene	Ave	1.516	1.462		48.2	50.0	-3.6	20.0
Styrene	Ave	1.205	1.200		49.8	50.0	-0.4	20.0
Bromoform	Ave	0.3064	0.2931		47.8	50.0	-4.3	20.0
Isopropylbenzene	Ave	1.851	1.798		48.6	50.0	-2.8	20.0
Cyclohexanone	Ave	0.0094	0.0111		2956	2500	18.3	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Lab Sample ID: CCVIS 860-26856/2 Calibration Date: 10/15/2021 22:30

Instrument ID: A294 Calib Start Date: 10/12/2021 17:08

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 10/12/2021 19:31

Lab File ID: T18107.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1,2,2-Tetrachloroethane	Ave	0.9624	0.8281		43.0	50.0	-14.0	20.0
Bromobenzene	Ave	1.103	0.999		45.3	50.0	-9.4	20.0
1,2,3-Trichloropropane	Ave	1.204	1.086		45.1	50.0	-9.8	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2391	0.2103		44.0	50.0	-12.1	50.0
N-Propylbenzene	Ave	4.662	4.299		46.1	50.0	-7.8	20.0
2-Chlorotoluene	Ave	3.288	3.040		46.2	50.0	-7.5	20.0
1,3,5-Trimethylbenzene	Ave	3.863	3.692		47.8	50.0	-4.4	20.0
4-Ethyltoluene	Ave	3.383	3.221		47.6	50.0	-4.8	20.0
4-Chlorotoluene	Ave	3.315	3.074		46.4	50.0	-7.3	20.0
tert-Butylbenzene	Ave	2.812	2.674		47.6	50.0	-4.9	20.0
1,2,4-Trimethylbenzene	Ave	3.225	3.214		49.8	50.0	-0.4	20.0
sec-Butylbenzene	Ave	3.982	3.856		48.4	50.0	-3.2	20.0
1,3-Dichlorobenzene	Ave	2.000	1.840		46.0	50.0	-8.0	20.0
p-Cymene (p-Isopropyltoluene)	Ave	3.389	3.360		49.6	50.0	-0.9	20.0
1,4-Dichlorobenzene	Ave	2.014	1.835		45.6	50.0	-8.9	20.0
Dicyclopentadiene	Ave	3.997	3.709		46.4	50.0	-7.2	20.0
Benzyl chloride	Ave	0.3065	0.2413		39.4	50.0	-21.3*	20.0
n-Butylbenzene	Ave	2.937	2.766		47.1	50.0	-5.8	20.0
1,2-Dichlorobenzene	Ave	1.778	1.708		48.0	50.0	-4.0	20.0
1,2-Dibromo-3-Chloropropane	Lin1		0.1299		46.7	50.0	-6.6	50.0
1,2,4-Trichlorobenzene	Ave	0.6273	0.6157		49.1	50.0	-1.9	20.0
Hexachlorobutadiene	Ave	0.3943	0.3738		47.4	50.0	-5.2	50.0
Naphthalene	Qua		0.9243		54.9	50.0	9.8	20.0
1,2,3-Trichlorobenzene	Ave	0.4400	0.4425		50.3	50.0	0.6	20.0
2-Methylnaphthalene	Qua		0.1318		51.8	50.0	3.6	20.0
1-Methylnaphthalene	Qua		0.1043		53.7	50.0	7.4	20.0
Dibromofluoromethane (Surr)	Ave	0.4765	0.4659		48.9	50.0	-2.2	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3608	0.3806		52.8	50.0	5.5	20.0
Toluene-d8 (Surr)	Ave	1.404	1.320		47.0	50.0	-5.9	20.0
4-Bromofluorobenzene (Surr)	Ave	0.9696	0.9920		51.2	50.0	2.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Lab Sample ID: ICV 860-26733/10 Calibration Date: 10/15/2021 13:15

Instrument ID: A325 Calib Start Date: 09/09/2021 07:20

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 09/09/2021 09:14

Lab File ID: A10152112.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1-Methylnaphthalene	Lin				1.79	50.0	-100.0*	30.0

FORM VII 8260C

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Lab Sample ID: ICV 860-26733/10 Calibration Date: 10/15/2021 13:15

Instrument ID: A325 Calib Start Date: 10/15/2021 10:15

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 10/15/2021 12:18

Lab File ID: A10152112.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propene	Lin1		0.1740		37.3	50.0	-25.5	30.0
Dichlorodifluoromethane	Ave	0.2804	0.2639		47.1	50.0	-5.9	50.0
Chloromethane	Ave	0.3775	0.3838		50.8	50.0	1.7	30.0
Vinyl chloride	Ave	0.3308	0.3749		56.7	50.0	13.4	30.0
1,3-Butadiene	Ave	0.2780	0.2928		52.7	50.0	5.3	50.0
Bromomethane	Lin1		0.5182		50.8	50.0	1.6	30.0
Chloroethane	Lin1		0.2025		39.2	50.0	-21.6	30.0
Trichlorofluoromethane	Ave	0.6274	0.6847		54.6	50.0	9.1	30.0
Diethyl ether	Ave	0.2471	0.2635		53.3	50.0	6.6	50.0
Acrolein	Ave	0.0519	0.0568		273	250	9.4	50.0
1,1-Dichloroethene	Ave	0.3303	0.3681		55.7	50.0	11.4	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3417	0.3534		51.7	50.0	3.4	30.0
Acetone	Ave	0.1166	0.1110		238	250	-4.9	50.0
Iodomethane (Methyl Iodide)	Lin1		0.6024		48.5	50.0	-3.0	50.0
Carbon disulfide	Ave	0.9426	1.002		53.2	50.0	6.3	30.0
Isopropyl alcohol	Ave	0.0221	0.0222		502	500	0.5	50.0
Acetonitrile	Ave	0.0993	0.1088		548	500	9.5	30.0
Allyl Chloride (3-Chloropropene)	Ave	0.9934	1.088		54.8	50.0	9.5	30.0
Methyl acetate	Ave	0.2653	0.2912		110	100	9.7	30.0
Methylene Chloride	Ave	0.3767	0.4098		54.4	50.0	8.8	50.0
tert-Butyl alcohol	Ave	0.0287	0.0329		573	500	14.6	30.0
trans-1,2-Dichloroethene	Ave	0.3483	0.3992		57.3	50.0	14.6	30.0
Acrylonitrile	Ave	0.1201	0.1319		549	500	9.8	50.0
MTBE	Ave	0.9042	1.033		57.1	50.0	14.2	30.0
n-Hexane	Ave	0.4150	0.4116		49.6	50.0	-0.8	30.0
1,1-Dichloroethane	Ave	0.5668	0.6610		58.3	50.0	16.6	30.0
Vinyl acetate	Ave	0.9523	1.073		282	250	12.6	50.0
Chloroprene	Ave	0.4673	0.5322		57.0	50.0	13.9	30.0
Isopropyl ether	Ave	1.176	1.309		55.7	50.0	11.4	30.0
Ethyl tert-butyl ether	Ave	1.012	1.168		57.7	50.0	15.4	30.0
2,2-Dichloropropane	Ave	0.4952	0.5821		58.8	50.0	17.5	30.0
cis-1,2-Dichloroethene	Ave	0.4951	0.5762		58.2	50.0	16.4	30.0
2-Butanone	Ave	0.1651	0.1743		264	250	5.6	50.0
Ethyl acetate	Ave	0.3956	0.4380		111	100	10.7	30.0
Propane Nitrile (Propionitrile)	Ave	0.0481	0.0518		538	500	7.6	30.0
Bromochloromethane	Ave	0.3244	0.3834		59.1	50.0	18.2	30.0
Methacrylonitrile	Ave	0.1449	0.1596		551	500	10.1	30.0
Tetrahydrofuran	Ave	0.1227	0.1194		97.3	100	-2.7	30.0
Chloroform	Ave	0.6539	0.7754		59.3	50.0	18.6	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Lab Sample ID: ICV 860-26733/10 Calibration Date: 10/15/2021 13:15

Instrument ID: A325 Calib Start Date: 10/15/2021 10:15

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 10/15/2021 12:18

Lab File ID: A10152112.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1,1-Trichloroethane	Ave	0.6124	0.7233		59.1	50.0	18.1	30.0
Cyclohexane	Lin1		0.5324		49.2	50.0	-1.6	30.0
Carbon tetrachloride	Lin1		0.6206		51.1	50.0	2.3	30.0
1,1-Dichloropropene	Ave	0.4587	0.5297		57.7	50.0	15.5	30.0
Isobutanol	Ave	0.0096	0.0107		1381	1240	11.4	50.0
Benzene	Ave	0.9803	1.125		57.4	50.0	14.8	30.0
1,2-Dichloroethane	Ave	0.3228	0.3629		56.2	50.0	12.4	30.0
2,2,4-Trimethylpentane	Ave	1.068	1.029		48.1	50.0	-3.7	30.0
Tert-amyl methyl ether	Ave	0.7268	0.8186		56.3	50.0	12.6	30.0
n-Butanol	Ave	0.0103	0.0118		1443	1260	14.5	30.0
Trichloroethene	Ave	0.3396	0.3900		57.4	50.0	14.8	30.0
Methylcyclohexane	Ave	0.4302	0.4360		50.7	50.0	1.3	30.0
1,2-Dichloropropane	Ave	0.2583	0.2925		56.6	50.0	13.3	30.0
Dibromomethane	Ave	0.2005	0.2224		55.5	50.0	10.9	30.0
Methyl methacrylate	Ave	0.1853	0.2080		112	100	12.3	50.0
1,4-Dioxane (P-Dioxane)	Ave	0.0027	0.0028		1059	1000	5.9	50.0
Bromodichloromethane	Ave	0.3645	0.4266		58.5	50.0	17.0	30.0
2-Nitropropane	None					100		30.0
2-Chloroethyl vinyl ether	Qua		0.0786		54.3	50.0	8.7	30.0
cis-1,3-Dichloropropene	Ave	0.4157	0.4841		58.2	50.0	16.4	30.0
4-Methyl-2-pentanone	Ave	0.2851	0.3044		267	250	6.8	50.0
Toluene	Ave	0.7178	0.8028		55.9	50.0	11.8	30.0
trans-1,3-Dichloropropene	Ave	0.3947	0.4599		58.3	50.0	16.5	30.0
Ethyl methacrylate	Ave	0.3565	0.3970		55.7	50.0	11.4	50.0
1,1,2-Trichloroethane	Ave	0.2304	0.2550		55.4	50.0	10.7	30.0
Tetrachloroethene	Ave	0.3059	0.3417		55.9	50.0	11.7	30.0
1,3-Dichloropropane	Ave	0.4192	0.4643		55.4	50.0	10.8	30.0
2-Hexanone	Ave	0.2063	0.2146		260	250	4.0	50.0
Dibromochloromethane	Ave	0.3689	0.4352		59.0	50.0	18.0	30.0
1,2-Dibromoethane	Ave	0.3171	0.3624		57.1	50.0	14.3	30.0
1-Chlorohexane	Ave	0.4511	0.4767		52.8	50.0	5.7	30.0
Chlorobenzene	Ave	0.9138	1.012		55.4	50.0	10.7	30.0
1,1,1,2-Tetrachloroethane	Ave	0.3484	0.4067		58.4	50.0	16.7	30.0
Ethylbenzene	Ave	1.411	1.561		55.3	50.0	10.6	30.0
m,p-Xylenes	Ave	1.074	1.192		55.5	50.0	11.0	30.0
o-Xylene	Ave	1.097	1.257		57.3	50.0	14.6	30.0
Styrene	Ave	0.9716	1.086		55.9	50.0	11.8	30.0
Bromoform	Ave	0.2508	0.2816		56.1	50.0	12.3	30.0
Isopropylbenzene	Ave	1.475	1.623		55.0	50.0	10.0	30.0
Cyclohexanone	Ave	0.0090	0.0091		2534	2500	1.4	50.0
Bromobenzene	Ave	0.7813	0.8978		57.5	50.0	14.9	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Lab Sample ID: ICV 860-26733/10 Calibration Date: 10/15/2021 13:15

Instrument ID: A325 Calib Start Date: 10/15/2021 10:15

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 10/15/2021 12:18

Lab File ID: A10152112.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1,2,2-Tetrachloroethane	Ave	0.6374	0.7414		58.2	50.0	16.3	30.0
1,2,3-Trichloropropane	Ave	0.6044	0.7140		59.1	50.0	18.1	30.0
trans-1,4-Dichloro-2-butene	Ave	0.1339	0.1571		58.7	50.0	17.3	50.0
N-Propylbenzene	Ave	2.878	3.309		57.5	50.0	15.0	30.0
2-Chlorotoluene	Ave	1.905	2.207		57.9	50.0	15.9	30.0
4-Ethyltoluene	Ave	2.463	2.794		56.7	50.0	13.4	30.0
1,3,5-Trimethylbenzene	Ave	2.105	2.400		57.0	50.0	14.0	30.0
4-Chlorotoluene	Ave	1.947	2.218		57.0	50.0	13.9	30.0
tert-Butylbenzene	Ave	1.900	2.193		57.7	50.0	15.4	30.0
1,2,4-Trimethylbenzene	Ave	2.152	2.481		57.6	50.0	15.3	30.0
sec-Butylbenzene	Ave	2.744	3.089		56.3	50.0	12.6	30.0
1,3-Dichlorobenzene	Ave	1.440	1.625		56.4	50.0	12.8	30.0
p-Cymene (p-Isopropyltoluene)	Ave	2.465	2.785		56.5	50.0	13.0	30.0
1,4-Dichlorobenzene	Ave	1.491	1.649		55.3	50.0	10.6	30.0
Dicyclopentadiene	Ave	2.419	2.673		55.3	50.0	10.5	30.0
n-Butylbenzene	Ave	2.146	2.357		54.9	50.0	9.9	30.0
1,2-Dichlorobenzene	Ave	1.405	1.597		56.8	50.0	13.6	30.0
1,2-Dibromo-3-Chloropropane	Lin1		0.1713		52.3	50.0	4.7	50.0
1,2,4-Trichlorobenzene	Ave	0.8776	0.9789		55.8	50.0	11.5	30.0
Hexachlorobutadiene	Ave	0.4123	0.4311		52.3	50.0	4.6	50.0
Naphthalene	Ave	1.746	2.052		58.8	50.0	17.5	30.0
1,2,3-Trichlorobenzene	Ave	0.6883	0.7758		56.4	50.0	12.7	30.0
2-Methylnaphthalene	Qua		0.4535		55.7	50.0	11.4	30.0
Dibromofluoromethane (Surr)	Ave	0.4820	0.4829		50.1	50.0	0.2	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2995	0.2917		48.7	50.0	-2.6	30.0
Toluene-d8 (Surr)	Ave	1.219	1.198		49.2	50.0	-1.7	30.0
4-Bromofluorobenzene (Surr)	Ave	0.7535	0.7773		51.6	50.0	3.2	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Lab Sample ID: CCVIS 860-27074/2 Calibration Date: 10/19/2021 07:08

Instrument ID: A325 Calib Start Date: 09/09/2021 07:20

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 09/09/2021 09:14

Lab File ID: A10192102.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1-Methylnaphthalene	Lin		0.1876		1.79	50.0	-100.0*	20.0

FORM VII 8260C

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Lab Sample ID: CCVIS 860-27074/2 Calibration Date: 10/19/2021 07:08

Instrument ID: A325 Calib Start Date: 10/15/2021 10:15

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 10/15/2021 12:18

Lab File ID: A10192102.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propene	Lin1		0.2374		52.5	50.0	5.0	20.0
Dichlorodifluoromethane	Ave	0.2804	0.3303		58.9	50.0	17.8	50.0
Chloromethane	Ave	0.3775	0.3829		50.7	50.0	1.4	20.0
Vinyl chloride	Ave	0.3308	0.3647		55.1	50.0	10.3	20.0
1,3-Butadiene	Ave	0.2780	0.3204		57.6	50.0	15.2	50.0
Bromomethane	Lin1		0.5597		54.6	50.0	9.2	20.0
Chloroethane	Lin1		0.2432		46.9	50.0	-6.3	20.0
Trichlorofluoromethane	Ave	0.6274	0.6677		53.2	50.0	6.4	20.0
Diethyl ether	Ave	0.2471	0.2335		47.3	50.0	-5.5	50.0
Acrolein	Ave	0.0519	0.0475		229	250	-8.4	50.0
1,1-Dichloroethene	Ave	0.3303	0.3054		46.2	50.0	-7.5	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3417	0.3140		46.0	50.0	-8.1	20.0
Acetone	Ave	0.1166	0.1044		224	250	-10.5	50.0
Iodomethane (Methyl Iodide)	Lin1		0.5081		41.4	50.0	-17.1	50.0
Carbon disulfide	Ave	0.9426	0.8294		44.0	50.0	-12.0	20.0
Isopropyl alcohol	Ave	0.0221	0.0180		406	500	-18.7	50.0
Acetonitrile	Ave	0.0993	0.0936		471	500	-5.8	20.0
Allyl Chloride (3-Chloropropene)	Ave	0.9934	0.9362		47.1	50.0	-5.8	20.0
Methyl acetate	Ave	0.2653	0.2588		97.5	100	-2.5	20.0
Methylene Chloride	Ave	0.3767	0.3353		44.5	50.0	-11.0	50.0
tert-Butyl alcohol	Ave	0.0287	0.0252		439	500	-12.3	20.0
trans-1,2-Dichloroethene	Ave	0.3483	0.3282		47.1	50.0	-5.8	20.0
Acrylonitrile	Ave	0.1201	0.1182		492	500	-1.6	50.0
MTBE	Ave	0.9042	0.8938		49.4	50.0	-1.2	20.0
n-Hexane	Ave	0.4150	0.4064		49.0	50.0	-2.1	20.0
1,1-Dichloroethane	Ave	0.5668	0.5822		51.4	50.0	2.7	20.0
Vinyl acetate	Ave	0.9523	1.032		271	250	8.3	50.0
Chloroprene	Ave	0.4673	0.5175		55.4	50.0	10.8	20.0
Isopropyl ether	Ave	1.176	1.265		53.8	50.0	7.6	20.0
Ethyl tert-butyl ether	Ave	1.012	1.055		52.1	50.0	4.2	20.0
2,2-Dichloropropane	Ave	0.4952	0.5383		54.4	50.0	8.7	20.0
cis-1,2-Dichloroethene	Ave	0.4951	0.5213		52.6	50.0	5.3	20.0
2-Butanone	Ave	0.1651	0.1590		241	250	-3.7	50.0
Ethyl acetate	Ave	0.3956	0.4073		103	100	3.0	20.0
Propane Nitrile (Propionitrile)	Ave	0.0481	0.0462		481	500	-3.9	20.0
Bromochloromethane	Ave	0.3244	0.3333		51.4	50.0	2.8	20.0
Methacrylonitrile	Ave	0.1449	0.1456		502	500	0.5	20.0
Tetrahydrofuran	Ave	0.1227	0.1137		92.7	100	-7.3	20.0
Chloroform	Ave	0.6539	0.6876		52.6	50.0	5.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Lab Sample ID: CCVIS 860-27074/2 Calibration Date: 10/19/2021 07:08

Instrument ID: A325 Calib Start Date: 10/15/2021 10:15

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 10/15/2021 12:18

Lab File ID: A10192102.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1,1-Trichloroethane	Ave	0.6124	0.6328		51.7	50.0	3.3	20.0
Cyclohexane	Lin1		0.5143		47.5	50.0	-5.0	20.0
Carbon tetrachloride	Lin1		0.5409		44.9	50.0	-10.2	20.0
1,1-Dichloropropene	Ave	0.4587	0.4775		52.1	50.0	4.1	20.0
Isobutanol	Ave	0.0096	0.0098		1261	1240	1.7	50.0
Benzene	Ave	0.9803	0.998		50.9	50.0	1.8	20.0
1,2-Dichloroethane	Ave	0.3228	0.3410		52.8	50.0	5.6	20.0
2,2,4-Trimethylpentane	Ave	1.068	1.061		49.7	50.0	-0.7	20.0
Tert-amyl methyl ether	Ave	0.7268	0.7276		50.1	50.0	0.1	20.0
n-Butanol	Ave	0.0103	0.0093		1119	1240	-9.7	20.0
Trichloroethene	Ave	0.3396	0.3403		50.1	50.0	0.2	20.0
Methylcyclohexane	Ave	0.4302	0.4157		48.3	50.0	-3.4	20.0
1,2-Dichloropropane	Ave	0.2583	0.2712		52.5	50.0	5.0	20.0
Dibromomethane	Ave	0.2005	0.2020		50.4	50.0	0.7	20.0
Methyl methacrylate	Ave	0.1853	0.1882		102	100	1.6	50.0
1,4-Dioxane (P-Dioxane)	Ave	0.0027	0.0025		927	1000	-7.3	50.0
Bromodichloromethane	Ave	0.3645	0.3921		53.8	50.0	7.6	20.0
2-Nitropropane	None					100		20.0
2-Chloroethyl vinyl ether	Qua		0.0702		49.4	50.0	-1.3	20.0
cis-1,3-Dichloropropene	Ave	0.4157	0.4293		51.6	50.0	3.3	20.0
4-Methyl-2-pentanone	Ave	0.2851	0.2899		254	250	1.7	50.0
Toluene	Ave	0.7178	0.7152		49.8	50.0	-0.4	20.0
trans-1,3-Dichloropropene	Ave	0.3947	0.4219		53.4	50.0	6.9	20.0
Ethyl methacrylate	Ave	0.3565	0.3566		50.0	50.0	0.0	50.0
1,1,2-Trichloroethane	Ave	0.2304	0.2325		50.5	50.0	0.9	20.0
Tetrachloroethene	Ave	0.3059	0.3038		49.7	50.0	-0.7	20.0
1,3-Dichloropropane	Ave	0.4192	0.4157		49.6	50.0	-0.8	20.0
2-Hexanone	Ave	0.2063	0.2018		245	250	-2.2	50.0
Dibromochloromethane	Ave	0.3689	0.3872		52.5	50.0	4.9	20.0
1,2-Dibromoethane	Ave	0.3171	0.3126		49.3	50.0	-1.4	20.0
1-Chlorohexane	Ave	0.4511	0.4294		47.6	50.0	-4.8	20.0
Chlorobenzene	Ave	0.9138	0.8880		48.6	50.0	-2.8	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3484	0.3648		52.4	50.0	4.7	20.0
Ethylbenzene	Ave	1.411	1.366		48.4	50.0	-3.2	20.0
m,p-Xylenes	Ave	1.074	1.043		48.6	50.0	-2.9	20.0
o-Xylene	Ave	1.097	1.109		50.6	50.0	1.1	20.0
Styrene	Ave	0.9716	0.9766		50.3	50.0	0.5	20.0
Bromoform	Ave	0.2508	0.2533		50.5	50.0	1.0	20.0
Isopropylbenzene	Ave	1.475	1.435		48.6	50.0	-2.7	20.0
Cyclohexanone	Ave	0.0090	0.0127		3533	2500	41.3	50.0
Bromobenzene	Ave	0.7813	0.7367		47.2	50.0	-5.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Lab Sample ID: CCVIS 860-27074/2 Calibration Date: 10/19/2021 07:08

Instrument ID: A325 Calib Start Date: 10/15/2021 10:15

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 10/15/2021 12:18

Lab File ID: A10192102.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1,2,2-Tetrachloroethane	Ave	0.6374	0.6237		48.9	50.0	-2.2	20.0
1,2,3-Trichloropropane	Ave	0.6044	0.6080		50.3	50.0	0.6	20.0
trans-1,4-Dichloro-2-butene	Ave	0.1339	0.1376		51.4	50.0	2.8	50.0
N-Propylbenzene	Ave	2.878	2.725		47.4	50.0	-5.3	20.0
2-Chlorotoluene	Ave	1.905	1.817		47.7	50.0	-4.6	20.0
4-Ethyltoluene	Ave	2.463	2.338		47.5	50.0	-5.1	20.0
1,3,5-Trimethylbenzene	Ave	2.105	2.018		47.9	50.0	-4.1	20.0
4-Chlorotoluene	Ave	1.947	1.861		47.8	50.0	-4.5	20.0
tert-Butylbenzene	Ave	1.900	1.787		47.0	50.0	-5.9	20.0
1,2,4-Trimethylbenzene	Ave	2.152	2.034		47.3	50.0	-5.5	20.0
sec-Butylbenzene	Ave	2.744	2.575		46.9	50.0	-6.2	20.0
1,3-Dichlorobenzene	Ave	1.440	1.373		47.7	50.0	-4.7	20.0
p-Cymene (p-Isopropyltoluene)	Ave	2.465	2.332		47.3	50.0	-5.4	20.0
1,4-Dichlorobenzene	Ave	1.491	1.417		47.5	50.0	-5.0	20.0
Dicyclopentadiene	Ave	2.419	2.396		49.5	50.0	-1.0	20.0
n-Butylbenzene	Ave	2.146	1.980		46.1	50.0	-7.8	20.0
1,2-Dichlorobenzene	Ave	1.405	1.342		47.7	50.0	-4.5	20.0
1,2-Dibromo-3-Chloropropane	Lin1		0.1375		42.2	50.0	-15.6	50.0
1,2,4-Trichlorobenzene	Ave	0.8776	0.7430		42.3	50.0	-15.3	20.0
Hexachlorobutadiene	Ave	0.4123	0.3378		41.0	50.0	-18.1	50.0
Naphthalene	Ave	1.746	1.528		43.8	50.0	-12.5	20.0
1,2,3-Trichlorobenzene	Ave	0.6883	0.5681		41.3	50.0	-17.5	20.0
2-Methylnaphthalene	Qua		0.2563		37.0	50.0	-26.0*	20.0
Dibromofluoromethane (Surr)	Ave	0.4820	0.4832		50.1	50.0	0.3	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2995	0.3086		51.5	50.0	3.0	20.0
Toluene-d8 (Surr)	Ave	1.219	1.236		50.7	50.0	1.4	20.0
4-Bromofluorobenzene (Surr)	Ave	0.7535	0.7539		50.0	50.0	0.0	20.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 860-26856/9

Matrix: Water Lab File ID: T18114.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 10/16/2021 00:54

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 26856 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.0000433	U	0.000200	0.0000433
71-43-2	Benzene	0.0000429	U	0.000200	0.0000429
75-34-3	1,1-Dichloroethane	0.0000489	U	0.000200	0.0000489
127-18-4	Tetrachloroethene	0.000100	U	0.000200	0.000100
91-20-3	Naphthalene	0.000400	U	0.00200	0.000400

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	106		74-124
1868-53-7	Dibromofluoromethane (Surr)	106		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	116		63-144
2037-26-5	Toluene-d8 (Surr)	85		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 860-27074/10

Matrix: Water Lab File ID: A10192110.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 10/19/2021 10:05

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 27074 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.000216	U	0.00100	0.000216
71-43-2	Benzene	0.000214	U	0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.000244	U	0.00100	0.000244
127-18-4	Tetrachloroethene	0.000500	U	0.00100	0.000500
91-20-3	Naphthalene	0.00200	U	0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	98		74-124
1868-53-7	Dibromofluoromethane (Surr)	97		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		63-144
2037-26-5	Toluene-d8 (Surr)	102		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 860-27209/9

Matrix: Water Lab File ID: E10192149.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 10/20/2021 00:35

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 27209 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.000216	U	0.00100	0.000216
71-43-2	Benzene	0.000214	U	0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.000244	U	0.00100	0.000244
127-18-4	Tetrachloroethene	0.000500	U	0.00100	0.000500
91-20-3	Naphthalene	0.00200	U	0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	103		74-124
1868-53-7	Dibromofluoromethane (Surr)	99		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		63-144
2037-26-5	Toluene-d8 (Surr)	102		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 860-27279/10

Matrix: Water Lab File ID: E10202112.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 10/20/2021 12:19

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 27279 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.000216	U	0.00100	0.000216
71-43-2	Benzene	0.000214	U	0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.000244	U	0.00100	0.000244
127-18-4	Tetrachloroethene	0.000500	U	0.00100	0.000500
91-20-3	Naphthalene	0.00200	U	0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	102		74-124
1868-53-7	Dibromofluoromethane (Surr)	101		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		63-144
2037-26-5	Toluene-d8 (Surr)	102		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 860-26856/3

Matrix: Water Lab File ID: T18108.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 10/15/2021 22:51

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 26856 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.05862		0.00100	0.000216
71-43-2	Benzene	0.04952		0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.05691		0.00100	0.000244
127-18-4	Tetrachloroethene	0.04036		0.00100	0.000500
91-20-3	Naphthalene	0.04447		0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	108		74-124
1868-53-7	Dibromofluoromethane (Surr)	111		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		63-144
2037-26-5	Toluene-d8 (Surr)	99		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 860-27074/3

Matrix: Water Lab File ID: A10192103.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 10/19/2021 07:42

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 27074 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.04995		0.00100	0.000216
71-43-2	Benzene	0.05452		0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.05251		0.00100	0.000244
127-18-4	Tetrachloroethene	0.05170		0.00100	0.000500
91-20-3	Naphthalene	0.04728		0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	102		74-124
1868-53-7	Dibromofluoromethane (Surr)	100		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		63-144
2037-26-5	Toluene-d8 (Surr)	100		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 860-27209/3

Matrix: Water Lab File ID: E10192143.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 10/19/2021 22:32

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 27209 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.05160		0.00100	0.000216
71-43-2	Benzene	0.05131		0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.05297		0.00100	0.000244
127-18-4	Tetrachloroethene	0.05192		0.00100	0.000500
91-20-3	Naphthalene	0.05494		0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	101		74-124
1868-53-7	Dibromofluoromethane (Surr)	101		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		63-144
2037-26-5	Toluene-d8 (Surr)	100		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 860-27279/3

Matrix: Water Lab File ID: E10202104.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 10/20/2021 09:35

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 27279 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.05405		0.00100	0.000216
71-43-2	Benzene	0.05281		0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.05512		0.00100	0.000244
127-18-4	Tetrachloroethene	0.05362		0.00100	0.000500
91-20-3	Naphthalene	0.04273		0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	103		74-124
1868-53-7	Dibromofluoromethane (Surr)	101		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		63-144
2037-26-5	Toluene-d8 (Surr)	99		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 860-26856/4

Matrix: Water Lab File ID: T18109.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 10/15/2021 23:11

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 26856 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.07044		0.00100	0.000216
71-43-2	Benzene	0.05228		0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.05805		0.00100	0.000244
127-18-4	Tetrachloroethene	0.04403		0.00100	0.000500
91-20-3	Naphthalene	0.05722		0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	110		74-124
1868-53-7	Dibromofluoromethane (Surr)	109		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	115		63-144
2037-26-5	Toluene-d8 (Surr)	103		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 860-27074/4

Matrix: Water Lab File ID: A10192104.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 10/19/2021 08:02

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 27074 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.04898		0.00100	0.000216
71-43-2	Benzene	0.05114		0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.05430		0.00100	0.000244
127-18-4	Tetrachloroethene	0.05013		0.00100	0.000500
91-20-3	Naphthalene	0.04934		0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	104		74-124
1868-53-7	Dibromofluoromethane (Surr)	102		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		63-144
2037-26-5	Toluene-d8 (Surr)	100		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 860-27209/4

Matrix: Water Lab File ID: E10192144.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 10/19/2021 22:53

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 27209 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.04779		0.00100	0.000216
71-43-2	Benzene	0.04985		0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.05070		0.00100	0.000244
127-18-4	Tetrachloroethene	0.04967		0.00100	0.000500
91-20-3	Naphthalene	0.05806		0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	100		74-124
1868-53-7	Dibromofluoromethane (Surr)	101		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		63-144
2037-26-5	Toluene-d8 (Surr)	100		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 860-27279/4

Matrix: Water Lab File ID: E10202105.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 10/20/2021 09:55

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 27279 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.05423		0.00100	0.000216
71-43-2	Benzene	0.05207		0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.05480		0.00100	0.000244
127-18-4	Tetrachloroethene	0.05285		0.00100	0.000500
91-20-3	Naphthalene	0.05362		0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	100		74-124
1868-53-7	Dibromofluoromethane (Surr)	103		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		63-144
2037-26-5	Toluene-d8 (Surr)	99		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Artesia-Inlet-10112021 MS Lab Sample ID: 860-13548-2 MS

Matrix: Water Lab File ID: T18110.D

Analysis Method: 8260C Date Collected: 10/11/2021 12:15

Sample wt/vol: 5(mL) Date Analyzed: 10/15/2021 23:32

Soil Aliquot Vol: Dilution Factor: 10

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 26856 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.8288		0.0100	0.00216
71-43-2	Benzene	0.5129		0.0100	0.00214
75-34-3	1,1-Dichloroethane	0.5861		0.0100	0.00244
127-18-4	Tetrachloroethene	0.4853		0.0100	0.00500
91-20-3	Naphthalene	0.5016		0.100	0.0200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	108		74-124
1868-53-7	Dibromofluoromethane (Surr)	105		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	114		63-144
2037-26-5	Toluene-d8 (Surr)	99		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Artesia-MW-37-10112021 MS Lab Sample ID: 860-13548-21 MS

Matrix: Water Lab File ID: E10202106.D

Analysis Method: 8260C Date Collected: 10/11/2021 17:35

Sample wt/vol: 5(mL) Date Analyzed: 10/20/2021 10:16

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 27279 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.06798		0.00100	0.000216
71-43-2	Benzene	0.06577		0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.09058		0.00100	0.000244
127-18-4	Tetrachloroethene	0.06552		0.00100	0.000500
91-20-3	Naphthalene	0.06061		0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	102		74-124
1868-53-7	Dibromofluoromethane (Surr)	103		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		63-144
2037-26-5	Toluene-d8 (Surr)	100		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Artesia-MW36-10122021 MS Lab Sample ID: 860-13548-23 MS

Matrix: Water Lab File ID: A10192105.D

Analysis Method: 8260C Date Collected: 10/12/2021 10:25

Sample wt/vol: 5(mL) Date Analyzed: 10/19/2021 08:23

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 27074 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.05898		0.00100	0.000216
71-43-2	Benzene	0.06140		0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.07115		0.00100	0.000244
127-18-4	Tetrachloroethene	0.06651		0.00100	0.000500
91-20-3	Naphthalene	0.06111		0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	102		74-124
1868-53-7	Dibromofluoromethane (Surr)	102		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		63-144
2037-26-5	Toluene-d8 (Surr)	104		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Artesia-MW36-10122021 MSD Lab Sample ID: 860-13548-23 MSD

Matrix: Water Lab File ID: A10192106.D

Analysis Method: 8260C Date Collected: 10/12/2021 10:25

Sample wt/vol: 5(mL) Date Analyzed: 10/19/2021 08:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 27074 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.05565		0.00100	0.000216
71-43-2	Benzene	0.05663		0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.07001		0.00100	0.000244
127-18-4	Tetrachloroethene	0.05835		0.00100	0.000500
91-20-3	Naphthalene	0.05112		0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	101		74-124
1868-53-7	Dibromofluoromethane (Surr)	103		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		63-144
2037-26-5	Toluene-d8 (Surr)	99		80-117

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Instrument ID: A292 Start Date: 10/19/2021 08:23

Analysis Batch Number: 26911 End Date: 10/19/2021 20:29

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 860-26911/1		10/19/2021 08:23	1	E10192102.D	DB-624 0.25(mm)
IC 860-26911/2		10/19/2021 08:52	1	E10192103.D	DB-624 0.25(mm)
IC 860-26911/3		10/19/2021 09:12	1	E10192104.D	DB-624 0.25(mm)
IC 860-26911/4		10/19/2021 09:33	1	E10192105.D	DB-624 0.25(mm)
IC 860-26911/5		10/19/2021 09:53	1	E10192106.D	DB-624 0.25(mm)
ICIS 860-26911/6		10/19/2021 10:14	1	E10192107.D	DB-624 0.25(mm)
IC 860-26911/7		10/19/2021 10:35	1	E10192108.D	DB-624 0.25(mm)
IC 860-26911/8		10/19/2021 10:55	1	E10192109.D	DB-624 0.25(mm)
ICV 860-26911/9		10/19/2021 11:36	1		DB-624 0.25(mm)
ZZZZZ		10/19/2021 11:36	1		DB-624 0.25(mm)
ZZZZZ		10/19/2021 11:57	1		DB-624 0.25(mm)
ZZZZZ		10/19/2021 12:17	1		DB-624 0.25(mm)
ZZZZZ		10/19/2021 13:19	1		DB-624 0.25(mm)
ZZZZZ		10/19/2021 13:39	1		DB-624 0.25(mm)
ZZZZZ		10/19/2021 14:00	1		DB-624 0.25(mm)
ZZZZZ		10/19/2021 14:20	1		DB-624 0.25(mm)
ZZZZZ		10/19/2021 14:41	1		DB-624 0.25(mm)
ZZZZZ		10/19/2021 15:01	1		DB-624 0.25(mm)
ZZZZZ		10/19/2021 15:22	50		DB-624 0.25(mm)
ZZZZZ		10/19/2021 15:42	500		DB-624 0.25(mm)
ZZZZZ		10/19/2021 16:03	50		DB-624 0.25(mm)
ZZZZZ		10/19/2021 16:23	50		DB-624 0.25(mm)
ZZZZZ		10/19/2021 16:44	5		DB-624 0.25(mm)
ZZZZZ		10/19/2021 17:04	50		DB-624 0.25(mm)
ZZZZZ		10/19/2021 17:25	50		DB-624 0.25(mm)
ZZZZZ		10/19/2021 17:45	1		DB-624 0.25(mm)
ZZZZZ		10/19/2021 18:06	1		DB-624 0.25(mm)
ZZZZZ		10/19/2021 18:26	1		DB-624 0.25(mm)
ZZZZZ		10/19/2021 18:47	1		DB-624 0.25(mm)
ZZZZZ		10/19/2021 19:07	1		DB-624 0.25(mm)
ZZZZZ		10/19/2021 19:28	1		DB-624 0.25(mm)
ZZZZZ		10/19/2021 19:48	1		DB-624 0.25(mm)
ZZZZZ		10/19/2021 20:09	1		DB-624 0.25(mm)
ZZZZZ		10/19/2021 20:29	1		DB-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Instrument ID: A292 Start Date: 10/19/2021 21:31

Analysis Batch Number: 27209 End Date: 10/20/2021 07:26

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 860-27209/1		10/19/2021 21:31	1	E10192140.D	DB-624 0.25(mm)
CCVIS 860-27209/2		10/19/2021 22:12	1	E10192142.D	DB-624 0.25(mm)
LCS 860-27209/3		10/19/2021 22:32	1	E10192143.D	DB-624 0.25(mm)
LCSD 860-27209/4		10/19/2021 22:53	1	E10192144.D	DB-624 0.25(mm)
ZZZZZ		10/19/2021 23:13	1		DB-624 0.25(mm)
MB 860-27209/9		10/20/2021 00:35	1	E10192149.D	DB-624 0.25(mm)
ZZZZZ		10/20/2021 00:56	1		DB-624 0.25(mm)
ZZZZZ		10/20/2021 01:16	1		DB-624 0.25(mm)
ZZZZZ		10/20/2021 01:37	1		DB-624 0.25(mm)
ZZZZZ		10/20/2021 01:57	1		DB-624 0.25(mm)
ZZZZZ		10/20/2021 02:18	1		DB-624 0.25(mm)
ZZZZZ		10/20/2021 02:38	1		DB-624 0.25(mm)
ZZZZZ		10/20/2021 02:59	1		DB-624 0.25(mm)
ZZZZZ		10/20/2021 03:19	1		DB-624 0.25(mm)
ZZZZZ		10/20/2021 03:40	1		DB-624 0.25(mm)
ZZZZZ		10/20/2021 04:00	1		DB-624 0.25(mm)
ZZZZZ		10/20/2021 04:21	1		DB-624 0.25(mm)
ZZZZZ		10/20/2021 04:42	1		DB-624 0.25(mm)
ZZZZZ		10/20/2021 05:02	1		DB-624 0.25(mm)
860-13548-20	Artesia-MW12-10112021	10/20/2021 05:23	1	E10192163.D	DB-624 0.25(mm)
860-13548-21	Artesia-MW-37-10112021	10/20/2021 05:43	1	E10192164.D	DB-624 0.25(mm)
860-13548-24	Artesia-MW38-10122021	10/20/2021 06:04	1	E10192165.D	DB-624 0.25(mm)
ZZZZZ		10/20/2021 06:24	50		DB-624 0.25(mm)
ZZZZZ		10/20/2021 06:45	1		DB-624 0.25(mm)
ZZZZZ		10/20/2021 07:05	1		DB-624 0.25(mm)
ZZZZZ		10/20/2021 07:26	500		DB-624 0.25(mm)

8260C

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Instrument ID: A292 Start Date: 10/20/2021 08:27

Analysis Batch Number: 27279 End Date: 10/20/2021 20:01

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 860-27279/1		10/20/2021 08:27	1	E10192172.D	DB-624 0.25(mm)
CCVIS 860-27279/2		10/20/2021 09:02	1	E10202103.D	DB-624 0.25(mm)
LCS 860-27279/3		10/20/2021 09:35	1	E10202104.D	DB-624 0.25(mm)
LCSD 860-27279/4		10/20/2021 09:55	1	E10202105.D	DB-624 0.25(mm)
860-13548-21 MS	Artesia-MW-37-10112021 MS	10/20/2021 10:16	1	E10202106.D	DB-624 0.25(mm)
ZZZZZ		10/20/2021 10:36	50		DB-624 0.25(mm)
MB 860-27279/10		10/20/2021 12:19	1	E10202112.D	DB-624 0.25(mm)
ZZZZZ		10/20/2021 12:39	5		DB-624 0.25(mm)
860-13548-21 RA	Artesia-MW-37-10112021 RA	10/20/2021 13:00	1	E10202114.D	DB-624 0.25(mm)
ZZZZZ		10/20/2021 13:21	50		DB-624 0.25(mm)
ZZZZZ		10/20/2021 13:41	1		DB-624 0.25(mm)
860-13548-20 RA	Artesia-MW12-10112021 RA	10/20/2021 14:02	1	E10202117.D	DB-624 0.25(mm)
860-13548-24 RA	Artesia-MW38-10122021 RA	10/20/2021 14:22	1	E10202118.D	DB-624 0.25(mm)
ZZZZZ		10/20/2021 14:43	10		DB-624 0.25(mm)
ZZZZZ		10/20/2021 15:34	20		DB-624 0.25(mm)
ZZZZZ		10/20/2021 15:55	5		DB-624 0.25(mm)
ZZZZZ		10/20/2021 16:15	1		DB-624 0.25(mm)
ZZZZZ		10/20/2021 16:36	1		DB-624 0.25(mm)
ZZZZZ		10/20/2021 16:57	1		DB-624 0.25(mm)
ZZZZZ		10/20/2021 17:17	1		DB-624 0.25(mm)
ZZZZZ		10/20/2021 17:37	1		DB-624 0.25(mm)
ZZZZZ		10/20/2021 17:58	1		DB-624 0.25(mm)
ZZZZZ		10/20/2021 18:19	1		DB-624 0.25(mm)
ZZZZZ		10/20/2021 18:39	1		DB-624 0.25(mm)
ZZZZZ		10/20/2021 19:00	1		DB-624 0.25(mm)
ZZZZZ		10/20/2021 19:20	10		DB-624 0.25(mm)
ZZZZZ		10/20/2021 19:41	1		DB-624 0.25(mm)
ZZZZZ		10/20/2021 20:01	10		DB-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Instrument ID: A292 Start Date: 10/19/2021 08:23

Analysis Batch Number: 27360 End Date: 10/19/2021 11:36

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 860-27360/1		10/19/2021 08:23	1	E10192102X.D	DB-624 0.25(mm)
IC 860-27360/2		10/19/2021 08:52	1	E10192103.D	DB-624 0.25(mm)
IC 860-27360/3		10/19/2021 09:12	1	E10192104X.D	DB-624 0.25(mm)
IC 860-27360/4		10/19/2021 09:33	1	E10192105X.D	DB-624 0.25(mm)
IC 860-27360/5		10/19/2021 09:53	1	E10192106X.D	DB-624 0.25(mm)
ICIS 860-27360/6		10/19/2021 10:14	1	E10192107X.D	DB-624 0.25(mm)
IC 860-27360/7		10/19/2021 10:35	1	E10192108X.D	DB-624 0.25(mm)
IC 860-27360/8		10/19/2021 10:55	1	E10192109X.D	DB-624 0.25(mm)
ICV 860-27360/9		10/19/2021 11:36	1		DB-624 0.25(mm)
ZZZZZ		10/19/2021 11:36	1		DB-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Instrument ID: A294 Start Date: 10/12/2021 16:16

Analysis Batch Number: 26284 End Date: 10/13/2021 03:45

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 860-26284/1		10/12/2021 16:16	1	T17903.D	DB-624 0.25(mm)
IC 860-26284/2		10/12/2021 17:08	1	T17905.D	DB-624 0.25(mm)
IC 860-26284/3		10/12/2021 17:28	1	T17906.D	DB-624 0.25(mm)
IC 860-26284/4		10/12/2021 17:49	1	T17907.D	DB-624 0.25(mm)
IC 860-26284/5		10/12/2021 18:09	1	T17908.D	DB-624 0.25(mm)
ICIS 860-26284/6		10/12/2021 18:30	1	T17909.D	DB-624 0.25(mm)
IC 860-26284/7		10/12/2021 18:50	1	T17910.D	DB-624 0.25(mm)
IC 860-26284/9		10/12/2021 19:31	1	T17912.D	DB-624 0.25(mm)
ICV 860-26284/10		10/12/2021 20:12	1	T17914.D	DB-624 0.25(mm)
ZZZZZ		10/12/2021 20:12	1		DB-624 0.25(mm)
ZZZZZ		10/12/2021 20:32	1		DB-624 0.25(mm)
ZZZZZ		10/12/2021 20:53	1		DB-624 0.25(mm)
ZZZZZ		10/12/2021 21:13	1		DB-624 0.25(mm)
ZZZZZ		10/12/2021 21:34	1		DB-624 0.25(mm)
ZZZZZ		10/12/2021 21:54	1		DB-624 0.25(mm)
ZZZZZ		10/12/2021 22:15	1		DB-624 0.25(mm)
ZZZZZ		10/12/2021 22:35	1		DB-624 0.25(mm)
ZZZZZ		10/12/2021 22:56	1		DB-624 0.25(mm)
ZZZZZ		10/12/2021 23:16	1		DB-624 0.25(mm)
ZZZZZ		10/12/2021 23:37	50		DB-624 0.25(mm)
ZZZZZ		10/12/2021 23:57	50		DB-624 0.25(mm)
ZZZZZ		10/13/2021 00:17	200		DB-624 0.25(mm)
ZZZZZ		10/13/2021 00:38	1		DB-624 0.25(mm)
ZZZZZ		10/13/2021 00:58	1		DB-624 0.25(mm)
ZZZZZ		10/13/2021 01:19	1		DB-624 0.25(mm)
ZZZZZ		10/13/2021 01:39	1		DB-624 0.25(mm)
ZZZZZ		10/13/2021 02:00	1		DB-624 0.25(mm)
ZZZZZ		10/13/2021 02:20	1		DB-624 0.25(mm)
ZZZZZ		10/13/2021 02:41	1		DB-624 0.25(mm)
ZZZZZ		10/13/2021 03:01	1		DB-624 0.25(mm)
ZZZZZ		10/13/2021 03:22	1		DB-624 0.25(mm)
ZZZZZ		10/13/2021 03:45	10		DB-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Instrument ID: A294 Start Date: 10/15/2021 21:29

Analysis Batch Number: 26856 End Date: 10/16/2021 07:44

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 860-26856/1		10/15/2021 21:29	1	T18104.D	DB-624 0.25(mm)
CCVIS 860-26856/2		10/15/2021 22:30	1	T18107.D	DB-624 0.25(mm)
LCS 860-26856/3		10/15/2021 22:51	1	T18108.D	DB-624 0.25(mm)
LCSD 860-26856/4		10/15/2021 23:11	1	T18109.D	DB-624 0.25(mm)
860-13548-2 MS	Artesia-Inlet-10112021 MS	10/15/2021 23:32	10	T18110.D	DB-624 0.25(mm)
ZZZZZ		10/15/2021 23:52	1		DB-624 0.25(mm)
ZZZZZ		10/16/2021 00:13	1		DB-624 0.25(mm)
ZZZZZ		10/16/2021 00:33	1		DB-624 0.25(mm)
MB 860-26856/9		10/16/2021 00:54	1	T18114.D	DB-624 0.25(mm)
860-13548-1	Artesia-TB01-10112021	10/16/2021 01:14	1	T18115.D	DB-624 0.25(mm)
860-13548-22	Artesia-TB02-10122021	10/16/2021 01:35	1	T18116.D	DB-624 0.25(mm)
860-13548-2	Artesia-Inlet-10112021	10/16/2021 01:55	1	T18117.D	DB-624 0.25(mm)
860-13548-3	Artesia-MID-10112021	10/16/2021 02:16	1	T18118.D	DB-624 0.25(mm)
860-13548-4	Artesia-Outlet-10112021	10/16/2021 02:36	1	T18119.D	DB-624 0.25(mm)
860-13548-5	Artesia-MW40-10112021	10/16/2021 02:57	1	T18120.D	DB-624 0.25(mm)
860-13548-6	Artesia-MD40-10112021	10/16/2021 03:17	1	T18121.D	DB-624 0.25(mm)
860-13548-7	Artesia-MW39-10112021	10/16/2021 03:38	1	T18122.D	DB-624 0.25(mm)
860-13548-8	Artesia-MW35-10112021	10/16/2021 03:58	1	T18123.D	DB-624 0.25(mm)
860-13548-9	Artesia-MW29-10112021	10/16/2021 04:19	1	T18124.D	DB-624 0.25(mm)
860-13548-10	Artesia-MW28-10112021	10/16/2021 04:39	1	T18125.D	DB-624 0.25(mm)
860-13548-11	Artesia-MW34-10112021	10/16/2021 05:00	1	T18126.D	DB-624 0.25(mm)
860-13548-12	Artesia-MW31-10112021	10/16/2021 05:20	1	T18127.D	DB-624 0.25(mm)
860-13548-13	Artesia-MW25-10112021	10/16/2021 05:41	1	T18128.D	DB-624 0.25(mm)
860-13548-14	Artesia-MW22-10112021	10/16/2021 06:01	1	T18129.D	DB-624 0.25(mm)
860-13548-15	Artesia-MW32-10112021	10/16/2021 06:22	1	T18130.D	DB-624 0.25(mm)
860-13548-16	Artesia-MW30-10112021	10/16/2021 06:42	1	T18131.D	DB-624 0.25(mm)
860-13548-17	Artesia-MW11-10112021	10/16/2021 07:03	1	T18132.D	DB-624 0.25(mm)
860-13548-18	Artesia-MD11-10112021	10/16/2021 07:23	1	T18133.D	DB-624 0.25(mm)
860-13548-19	Artesia-MW17C-10112021	10/16/2021 07:44	1	T18134.D	DB-624 0.25(mm)

8260C

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Instrument ID: A325 Start Date: 10/15/2021 09:00

Analysis Batch Number: 26733 End Date: 10/15/2021 20:26

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 860-26733/1		10/15/2021 09:00	1	A10152101.D	DB-624 0.25(mm)
IC 860-26733/2		10/15/2021 10:15	1	A10152104.D	DB-624 0.25(mm)
IC 860-26733/3		10/15/2021 10:35	1	A10152105.D	DB-624 0.25(mm)
IC 860-26733/4		10/15/2021 10:56	1	A10152106.D	DB-624 0.25(mm)
IC 860-26733/5		10/15/2021 11:16	1	A10152107.D	DB-624 0.25(mm)
ICIS 860-26733/6		10/15/2021 11:37	1	A10152108.D	DB-624 0.25(mm)
IC 860-26733/7		10/15/2021 11:57	1	A10152109.D	DB-624 0.25(mm)
IC 860-26733/8		10/15/2021 12:18	1	A10152110.D	DB-624 0.25(mm)
ICV 860-26733/10		10/15/2021 13:15	1	A10152112.D	DB-624 0.25(mm)
ZZZZZ		10/15/2021 13:15	1		DB-624 0.25(mm)
ZZZZZ		10/15/2021 13:36	1		DB-624 0.25(mm)
ZZZZZ		10/15/2021 13:56	1		DB-624 0.25(mm)
ZZZZZ		10/15/2021 15:18	1		DB-624 0.25(mm)
ZZZZZ		10/15/2021 15:39	1		DB-624 0.25(mm)
ZZZZZ		10/15/2021 15:59	1		DB-624 0.25(mm)
ZZZZZ		10/15/2021 16:20	1		DB-624 0.25(mm)
ZZZZZ		10/15/2021 16:40	2000		DB-624 0.25(mm)
ZZZZZ		10/15/2021 17:01	1		DB-624 0.25(mm)
ZZZZZ		10/15/2021 17:21	1		DB-624 0.25(mm)
ZZZZZ		10/15/2021 17:42	1		DB-624 0.25(mm)
ZZZZZ		10/15/2021 18:02	1		DB-624 0.25(mm)
ZZZZZ		10/15/2021 18:23	1		DB-624 0.25(mm)
ZZZZZ		10/15/2021 18:43	1		DB-624 0.25(mm)
ZZZZZ		10/15/2021 19:04	1		DB-624 0.25(mm)
ZZZZZ		10/15/2021 19:24	1		DB-624 0.25(mm)
ZZZZZ		10/15/2021 19:45	1		DB-624 0.25(mm)
ZZZZZ		10/15/2021 20:05	5		DB-624 0.25(mm)
ZZZZZ		10/15/2021 20:26	50		DB-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Instrument ID: A325 Start Date: 10/19/2021 06:47

Analysis Batch Number: 27074 End Date: 10/19/2021 17:29

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 860-27074/1		10/19/2021 06:47	1	A10192101.D	DB-624 0.25(mm)
CCVIS 860-27074/2		10/19/2021 07:08	1	A10192102.D	DB-624 0.25(mm)
LCS 860-27074/3		10/19/2021 07:42	1	A10192103.D	DB-624 0.25(mm)
LCSD 860-27074/4		10/19/2021 08:02	1	A10192104.D	DB-624 0.25(mm)
860-13548-23 MS	Artesia-MW36-10122021 MS	10/19/2021 08:23	1	A10192105.D	DB-624 0.25(mm)
860-13548-23 MSD	Artesia-MW36-10122021 MSD	10/19/2021 08:43	1	A10192106.D	DB-624 0.25(mm)
MB 860-27074/10		10/19/2021 10:05	1	A10192110.D	DB-624 0.25(mm)
ZZZZZ		10/19/2021 10:26	1		DB-624 0.25(mm)
ZZZZZ		10/19/2021 10:46	1		DB-624 0.25(mm)
860-13548-23	Artesia-MW36-10122021	10/19/2021 11:07	1	A10192113.D	DB-624 0.25(mm)
ZZZZZ		10/19/2021 11:27	1		DB-624 0.25(mm)
ZZZZZ		10/19/2021 11:48	1		DB-624 0.25(mm)
ZZZZZ		10/19/2021 12:08	1		DB-624 0.25(mm)
ZZZZZ		10/19/2021 13:02	10		DB-624 0.25(mm)
ZZZZZ		10/19/2021 13:23	1		DB-624 0.25(mm)
ZZZZZ		10/19/2021 13:43	1		DB-624 0.25(mm)
ZZZZZ		10/19/2021 14:04	1		DB-624 0.25(mm)
ZZZZZ		10/19/2021 14:24	1		DB-624 0.25(mm)
ZZZZZ		10/19/2021 14:45	1		DB-624 0.25(mm)
ZZZZZ		10/19/2021 15:05	1		DB-624 0.25(mm)
ZZZZZ		10/19/2021 15:26	1		DB-624 0.25(mm)
ZZZZZ		10/19/2021 15:46	1		DB-624 0.25(mm)
ZZZZZ		10/19/2021 16:07	1		DB-624 0.25(mm)
ZZZZZ		10/19/2021 16:27	1		DB-624 0.25(mm)
ZZZZZ		10/19/2021 16:48	5		DB-624 0.25(mm)
ZZZZZ		10/19/2021 17:08	1		DB-624 0.25(mm)
ZZZZZ		10/19/2021 17:29	10		DB-624 0.25(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Batch Number: 26284 Batch Start Date: 10/12/21 16:16 Batch Analyst: Mikhail, Ezabel

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	VM8260GASLCS 00009	VM8260GASSTD 00011	VM8260ISSS50 00006	VM8260LCS 00015
BFB 860-26284/1		8260C		5 mL	5 mL			5 uL	
IC 860-26284/2		8260C		5 mL	5 mL		0.8 uL	5 uL	
IC 860-26284/3		8260C		5 mL	5 mL		4 uL	5 uL	
IC 860-26284/4		8260C		5 mL	5 mL		8 uL	5 uL	
IC 860-26284/5		8260C		5 mL	5 mL		20 uL	5 uL	
ICIS 860-26284/6		8260C		5 mL	5 mL		40 uL	5 uL	
IC 860-26284/7		8260C		5 mL	5 mL		80 uL	5 uL	
IC 860-26284/9		8260C		5 mL	5 mL		120 uL	5 uL	
ICV 860-26284/10		8260C		5 mL	5 mL	40 uL		5 uL	40 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	VM8260STD 00036					
BFB 860-26284/1		8260C							
IC 860-26284/2		8260C		0.8 uL					
IC 860-26284/3		8260C		4 uL					
IC 860-26284/4		8260C		8 uL					
IC 860-26284/5		8260C		20 uL					
ICIS 860-26284/6		8260C		40 uL					
IC 860-26284/7		8260C		80 uL					
IC 860-26284/9		8260C		120 uL					
ICV 860-26284/10		8260C							

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Batch Number: 26733 Batch Start Date: 10/15/21 09:00 Batch Analyst: Dang, Tram T

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	VM8260GASLCS 00006	VM8260GASSTD 00007	VM8260ISSS50 00004	VM8260LCS 00013
BFB 860-26733/1		8260C		5 mL	5 mL			5 uL	
IC 860-26733/2		8260C		5 mL	5 mL		0.8 uL	5 uL	
IC 860-26733/3		8260C		5 mL	5 mL		4 uL	5 uL	
IC 860-26733/4		8260C		5 mL	5 mL		8 uL	5 uL	
IC 860-26733/5		8260C		5 mL	5 mL		20 uL	5 uL	
ICIS 860-26733/6		8260C		5 mL	5 mL		40 uL	5 uL	
IC 860-26733/7		8260C		5 mL	5 mL		80 uL	5 uL	
IC 860-26733/8		8260C		5 mL	5 mL		120 uL	5 uL	
ICV 860-26733/10		8260C		5 mL	5 mL	40 uL		5 uL	40 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	VM8260STD 00032					
BFB 860-26733/1		8260C							
IC 860-26733/2		8260C		0.8 uL					
IC 860-26733/3		8260C		4 uL					
IC 860-26733/4		8260C		8 uL					
IC 860-26733/5		8260C		20 uL					
ICIS 860-26733/6		8260C		40 uL					
IC 860-26733/7		8260C		80 uL					
IC 860-26733/8		8260C		120 uL					
ICV 860-26733/10		8260C							

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Batch Number: 26856 Batch Start Date: 10/15/21 21:29 Batch Analyst: Somsaeng, Thanyaluck 1

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	VM8260GASLCS 00009	VM8260GASSTD 00011	VM8260ISSS50 00006
BFB 860-26856/1		8260C		5 mL	5 mL				5 uL
CCVIS 860-26856/2		8260C		5 mL	5 mL			40 uL	5 uL
LCS 860-26856/3		8260C		5 mL	5 mL		40 uL		5 uL
LCSD 860-26856/4		8260C		5 mL	5 mL		40 uL		5 uL
860-13548-C-2 MS	Artesia-Inlet-10 112021	8260C	T	5 mL	5 mL	2 SU	40 uL		5 uL
MB 860-26856/9		8260C		5 mL	1.0 mL				5 uL
860-13548-B-1	Artesia-TB01-101 12021	8260C	T	5 mL	1.0 mL	2 SU			5 uL
860-13548-B-22	Artesia-TB02-101 22021	8260C	T	5 mL	1.0 mL	2 SU			5 uL
860-13548-B-2	Artesia-Inlet-10 112021	8260C	T	5 mL	1.0 mL	2 SU			5 uL
860-13548-B-3	Artesia-MID-1011 2021	8260C	T	5 mL	1.0 mL	2 SU			5 uL
860-13548-B-4	Artesia-Outlet-1 0112021	8260C	T	5 mL	1.0 mL	2 SU			5 uL
860-13548-B-5	Artesia-MW40-101 12021	8260C	T	5 mL	1.0 mL	2 SU			5 uL
860-13548-B-6	Artesia-MD40-101 12021	8260C	T	5 mL	1.0 mL	2 SU			5 uL
860-13548-B-7	Artesia-MW39-101 12021	8260C	T	5 mL	1.0 mL	2 SU			5 uL
860-13548-B-8	Artesia-MW35-101 12021	8260C	T	5 mL	1.0 mL	2 SU			5 uL
860-13548-B-9	Artesia-MW29-101 12021	8260C	T	5 mL	1.0 mL	2 SU			5 uL
860-13548-B-10	Artesia-MW28-101 12021	8260C	T	5 mL	1.0 mL	2 SU			5 uL
860-13548-B-11	Artesia-MW34-101 12021	8260C	T	5 mL	1.0 mL	2 SU			5 uL
860-13548-B-12	Artesia-MW31-101 12021	8260C	T	5 mL	1.0 mL	2 SU			5 uL
860-13548-B-13	Artesia-MW25-101 12021	8260C	T	5 mL	1.0 mL	2 SU			5 uL
860-13548-B-14	Artesia-MW22-101 12021	8260C	T	5 mL	1.0 mL	2 SU			5 uL
860-13548-B-15	Artesia-MW32-101 12021	8260C	T	5 mL	1.0 mL	2 SU			5 uL

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Batch Number: 26856 Batch Start Date: 10/15/21 21:29 Batch Analyst: Somsaeng, Thanyaluck 1

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	VM8260GASLCS 00009	VM8260GASSTD 00011	VM8260ISSS50 00006
860-13548-B-16	Artesia-MW30-101 12021	8260C	T	5 mL	1.0 mL	2 SU			5 uL
860-13548-C-17	Artesia-MW11-101 12021	8260C	T	5 mL	1.0 mL	2 SU			5 uL
860-13548-C-18	Artesia-MD11-101 12021	8260C	T	5 mL	1.0 mL	2 SU			5 uL
860-13548-C-19	Artesia-MW17C-10 112021	8260C	T	5 mL	1.0 mL	2 SU			5 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	VM8260LCS 00015	VM8260STD 00036				
BFB 860-26856/1		8260C							
CCVIS 860-26856/2		8260C			40 uL				
LCS 860-26856/3		8260C		40 uL					
LCSD 860-26856/4		8260C		40 uL					
860-13548-C-2 MS	Artesia-Inlet-10 112021	8260C	T	40 uL					
MB 860-26856/9		8260C							
860-13548-B-1	Artesia-TB01-101 12021	8260C	T						
860-13548-B-22	Artesia-TB02-101 22021	8260C	T						
860-13548-B-2	Artesia-Inlet-10 112021	8260C	T						
860-13548-B-3	Artesia-MID-1011 2021	8260C	T						
860-13548-B-4	Artesia-Outlet-1 0112021	8260C	T						
860-13548-B-5	Artesia-MW40-101 12021	8260C	T						
860-13548-B-6	Artesia-MD40-101 12021	8260C	T						
860-13548-B-7	Artesia-MW39-101 12021	8260C	T						
860-13548-B-8	Artesia-MW35-101 12021	8260C	T						
860-13548-B-9	Artesia-MW29-101 12021	8260C	T						

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Batch Number: 26856 Batch Start Date: 10/15/21 21:29 Batch Analyst: Somsaeng, Thanyaluck 1

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	VM8260LCS 00015	VM8260STD 00036				
860-13548-B-10	Artesia-MW28-101 12021	8260C	T						
860-13548-B-11	Artesia-MW34-101 12021	8260C	T						
860-13548-B-12	Artesia-MW31-101 12021	8260C	T						
860-13548-B-13	Artesia-MW25-101 12021	8260C	T						
860-13548-B-14	Artesia-MW22-101 12021	8260C	T						
860-13548-B-15	Artesia-MW32-101 12021	8260C	T						
860-13548-B-16	Artesia-MW30-101 12021	8260C	T						
860-13548-C-17	Artesia-MW11-101 12021	8260C	T						
860-13548-C-18	Artesia-MD11-101 12021	8260C	T						
860-13548-C-19	Artesia-MW17C-10 112021	8260C	T						

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Batch Number: 27074 Batch Start Date: 10/19/21 06:47 Batch Analyst: Dang, Tram T

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	VM3NRLCS 00001	VM8260GASLCS 00006	VM8260GASSTD 00007
BFB 860-27074/1		8260C		5 mL	5 mL				
CCVIS 860-27074/2		8260C		5 mL	5 mL				40 uL
LCS 860-27074/3		8260C		5 mL	5 mL			40 uL	
LCSD 860-27074/4		8260C		5 mL	5 mL			40 uL	
860-13548-B-23 MS	Artesia-MW36-101 22021	8260C	T	5 mL	5 mL	2 SU	40 uL	40 uL	
860-13548-C-23 MSD	Artesia-MW36-101 22021	8260C	T	5 mL	5 mL	2 SU		40 uL	
MB 860-27074/10		8260C		5 mL	5 mL				
860-13548-C-23	Artesia-MW36-101 22021	8260C	T	5 mL	5 mL	2 SU			

Lab Sample ID	Client Sample ID	Method Chain	Basis	VM8260ISSS50 00004	VM8260LCS 00013	VM8260STD 00032			
BFB 860-27074/1		8260C		5 uL					
CCVIS 860-27074/2		8260C		5 uL		40 uL			
LCS 860-27074/3		8260C		5 uL	40 uL				
LCSD 860-27074/4		8260C		5 uL	40 uL				
860-13548-B-23 MS	Artesia-MW36-101 22021	8260C	T	5 uL	40 uL				
860-13548-C-23 MSD	Artesia-MW36-101 22021	8260C	T	5 uL	40 uL				
MB 860-27074/10		8260C		5 uL					
860-13548-C-23	Artesia-MW36-101 22021	8260C	T	5 uL					

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Batch Number: 27209 Batch Start Date: 10/19/21 21:31 Batch Analyst: Suporn, Arisa 1

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	VM8260GASLCS 00009	VM8260GASSTD 00013	VM8260ISSS50 00002
BFB 860-27209/1		8260C		5 mL	5 mL				5 uL
CCVIS 860-27209/2		8260C		5 mL	5 mL			40 uL	5 uL
LCS 860-27209/3		8260C		5 mL	5 mL		40 uL		5 uL
LCSD 860-27209/4		8260C		5 mL	5 mL		40 uL		5 uL
MB 860-27209/9		8260C		5 mL	5 mL				5 uL
860-13548-C-20	Artesia-MW12-101 12021	8260C	T	5 mL	5 mL	2 SU			5 uL
860-13548-C-21	Artesia-MW-37-10 112021	8260C	T	5 mL	5 mL	2 SU			5 uL
860-13548-B-24	Artesia-MW38-101 22021	8260C	T	5 mL	5 mL	2 SU			5 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	VM8260LCS 00015	VM8260STD 00038				
BFB 860-27209/1		8260C							
CCVIS 860-27209/2		8260C			40 uL				
LCS 860-27209/3		8260C		40 uL					
LCSD 860-27209/4		8260C		40 uL					
MB 860-27209/9		8260C							
860-13548-C-20	Artesia-MW12-101 12021	8260C	T						
860-13548-C-21	Artesia-MW-37-10 112021	8260C	T						
860-13548-B-24	Artesia-MW38-101 22021	8260C	T						

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Batch Number: 27279 Batch Start Date: 10/20/21 08:27 Batch Analyst: Alves, Nathalie

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	VM8260GASLCS 00009	VM8260GASSTD 00013	VM8260ISSS50 00002
BFB 860-27279/1		8260C		5 mL	5 mL				5 uL
CCVIS 860-27279/2		8260C		5 mL	5 mL			40 uL	5 uL
LCS 860-27279/3		8260C		5 mL	5 mL		40 uL		5 uL
LCSD 860-27279/4		8260C		5 mL	5 mL		40 uL		5 uL
860-13548-D-21 MS	Artesia-MW-37-10 112021	8260C	T	5 mL	5 mL		40 uL		5 uL
MB 860-27279/10		8260C		5 mL	5 mL				5 uL
860-13548-B-21	Artesia-MW-37-10 112021	8260C	T	5 mL	5 mL	2 SU			5 uL
860-13548-B-20	Artesia-MW12-101 12021	8260C	T	5 mL	5 mL	2 SU			5 uL
860-13548-C-24	Artesia-MW38-101 22021	8260C	T	5 mL	5 mL	2 SU			5 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	VM8260LCS 00015	VM8260STD 00038				
BFB 860-27279/1		8260C							
CCVIS 860-27279/2		8260C			40 uL				
LCS 860-27279/3		8260C		40 uL					
LCSD 860-27279/4		8260C		40 uL					
860-13548-D-21 MS	Artesia-MW-37-10 112021	8260C	T	40 uL					
MB 860-27279/10		8260C							
860-13548-B-21	Artesia-MW-37-10 112021	8260C	T						
860-13548-B-20	Artesia-MW12-101 12021	8260C	T						
860-13548-C-24	Artesia-MW38-101 22021	8260C	T						

Batch Notes	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Batch Number: 27279 Batch Start Date: 10/20/21 08:27 Batch Analyst: Alves, Nathalie

Batch Method: 8260C Batch End Date:

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Method 300.0

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FORM III
HPLC/IC LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 15_Oct_2021 21_11.d

Lab ID: LCS 860-26861/4 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC	QC LIMITS REC	#
Sulfate	10.0	9.694	97	90-110	

Column to be used to flag recovery and RPD values

FORM III 300.0

FORM III
HPLC/IC LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 16_Oct_2021 03_15.d

Lab ID: LCS 860-26861/39 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC	QC LIMITS REC	#
Sulfate	10.0	9.815	98	90-110	

Column to be used to flag recovery and RPD values

FORM III 300.0

FORM III
HPLC/IC LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 19_Oct_2021 21_04.d

Lab ID: LCS 860-27096/56 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC	QC LIMITS REC	#
Sulfate	10.0	10.13	101	90-110	

Column to be used to flag recovery and RPD values

FORM III 300.0

FORM III
HPLC/IC LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21_Oct_2021 17_29.d

Lab ID: LCS 860-27602/4 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC	QC LIMITS REC	#
Sulfate	10.0	9.597	96	90-110	

Column to be used to flag recovery and RPD values

FORM III 300.0

FORM III
HPLC/IC LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 15_Oct_2021 21_22.d

Lab ID: LCSD 860-26861/5 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Sulfate	10.0	9.783	98	1	20	90-110	

Column to be used to flag recovery and RPD values

FORM III 300.0

FORM III
HPLC/IC LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 16_Oct_2021 03_25.d

Lab ID: LCSD 860-26861/40 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Sulfate	10.0	9.768	98	0	20	90-110	

Column to be used to flag recovery and RPD values

FORM III 300.0

FORM III
HPLC/IC LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 19_Oct_2021 21_15.d

Lab ID: LCSD 860-27096/57 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Sulfate	10.0	10.21	102	1	20	90-110	

Column to be used to flag recovery and RPD values

FORM III 300.0

FORM III
HPLC/IC LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21_Oct_2021 17_40.d

Lab ID: LCSD 860-27602/5 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Sulfate	10.0	9.655	97	1	20	90-110	

Column to be used to flag recovery and RPD values

FORM III 300.0

FORM III
HPLC/IC MATRIX SPIKE RECOVERY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21_Oct_2021 18_01.d

Lab ID: 860-13548-23 MS Client ID: Artesia-MW36-10122021 MS

COMPOUND	SPIKE ADDED (mg/L)	SAMPLE CONCENTRATION (mg/L)	MS CONCENTRATION (mg/L)	MS % REC	QC LIMITS REC	#
Sulfate	100	2130	2234	99	90-110	4

Column to be used to flag recovery and RPD values

FORM III 300.0

FORM III
HPLC/IC MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21_Oct_2021 18_11.d

Lab ID: 860-13548-23 MSD Client ID: Artesia-MW36-10122021 MSD

COMPOUND	SPIKE ADDED (mg/L)	MSD CONCENTRATION (mg/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Sulfate	100	2229	94	0	20	90-110	4

Column to be used to flag recovery and RPD values

FORM III 300.0

FORM IV
HPLC/IC METHOD BLANK SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Lab File ID: 15_Oct_2021 21_01.d Lab Sample ID: MB 860-26861/3

Matrix: Water Date Extracted:

Instrument ID: A166 Date Analyzed: 10/15/2021 21:01

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 860-26861/4	15_Oct_2021 21_11.d	10/15/2021 21:11
	LCSD 860-26861/5	15_Oct_2021 21_22.d	10/15/2021 21:22
Artesia-MW17C-10112021	860-13548-19	15_Oct_2021 23_37.d	10/15/2021 23:37
Artesia-MW12-10112021	860-13548-20	15_Oct_2021 23_47.d	10/15/2021 23:47
Artesia-MW36-10122021	860-13548-23	16_Oct_2021 00_39.d	10/16/2021 00:39

FORM IV
HPLC/IC METHOD BLANK SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Lab File ID: 16_Oct_2021 03_04.d Lab Sample ID: MB 860-26861/38

Matrix: Water Date Extracted:

Instrument ID: A166 Date Analyzed: 10/16/2021 03:04

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 860-26861/39	16_Oct_2021 03_15.d	10/16/2021 03:15
	LCSD 860-26861/40	16_Oct_2021 03_25.d	10/16/2021 03:25
Artesia-MW11-10112021	860-13548-17	16_Oct_2021 10_54.d	10/16/2021 10:54
Artesia-MD11-10112021	860-13548-18	16_Oct_2021 11_05.d	10/16/2021 11:05
Artesia-MW-37-10112021	860-13548-21	16_Oct_2021 11_15.d	10/16/2021 11:15
Artesia-MW38-10122021	860-13548-24	16_Oct_2021 11_25.d	10/16/2021 11:25

FORM IV
HPLC/IC METHOD BLANK SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Lab File ID: 19_Oct_2021 20_54.d Lab Sample ID: MB 860-27096/55

Matrix: Water Date Extracted:

Instrument ID: A166 Date Analyzed: 10/19/2021 20:54

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 860-27096/56	19_Oct_2021 21_04.d	10/19/2021 21:04
	LCSD 860-27096/57	19_Oct_2021 21_15.d	10/19/2021 21:15

FORM IV 300.0

FORM IV
HPLC/IC METHOD BLANK SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Lab File ID: 21_Oct_2021 17_19.d Lab Sample ID: MB 860-27602/3

Matrix: Water Date Extracted:

Instrument ID: A166 Date Analyzed: 10/21/2021 17:19

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 860-27602/4	21_Oct_2021 17_29.d	10/21/2021 17:29
	LCSD 860-27602/5	21_Oct_2021 17_40.d	10/21/2021 17:40
Artesia-MW36-10122021 MS	860-13548-23 MS	21_Oct_2021 18_01.d	10/21/2021 18:01
Artesia-MW36-10122021 MSD	860-13548-23 MSD	21_Oct_2021 18_11.d	10/21/2021 18:11

FORM IV 300.0

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Artesia-MW11-10112021 Lab Sample ID: 860-13548-17

Matrix: Water Lab File ID: 16_Oct_2021 10_54.d

Analysis Method: 300.0 Date Collected: 10/11/2021 14:45

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 10/16/2021 10:54

Con. Extract Vol.: Dilution Factor: 100

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 26861 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	3040		50.0	10.9

FORM I 300.0

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Artesia-MD11-10112021 Lab Sample ID: 860-13548-18

Matrix: Water Lab File ID: 16_Oct_2021 11_05.d

Analysis Method: 300.0 Date Collected: 10/11/2021 14:50

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 10/16/2021 11:05

Con. Extract Vol.: Dilution Factor: 100

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 26861 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	3030		50.0	10.9

FORM I 300.0

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Artesia-MW17C-10112021 Lab Sample ID: 860-13548-19

Matrix: Water Lab File ID: 15_Oct_2021 23_37.d

Analysis Method: 300.0 Date Collected: 10/11/2021 15:40

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 10/15/2021 23:37

Con. Extract Vol.: Dilution Factor: 10

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 26861 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	2390		5.00	1.09

FORM I 300.0

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Artesia-MW12-10112021 Lab Sample ID: 860-13548-20

Matrix: Water Lab File ID: 15_Oct_2021 23_47.d

Analysis Method: 300.0 Date Collected: 10/11/2021 16:30

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 10/15/2021 23:47

Con. Extract Vol.: Dilution Factor: 10

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 26861 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	2280		5.00	1.09

FORM I 300.0

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Artesia-MW-37-10112021 Lab Sample ID: 860-13548-21

Matrix: Water Lab File ID: 16_Oct_2021 11_15.d

Analysis Method: 300.0 Date Collected: 10/11/2021 17:35

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 10/16/2021 11:15

Con. Extract Vol.: Dilution Factor: 100

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 26861 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	2710		50.0	10.9

FORM I 300.0

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Artesia-MW36-10122021 Lab Sample ID: 860-13548-23

Matrix: Water Lab File ID: 16_Oct_2021 00_39.d

Analysis Method: 300.0 Date Collected: 10/12/2021 10:25

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 10/16/2021 00:39

Con. Extract Vol.: Dilution Factor: 10

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 26861 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	2180		5.00	1.09

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Artesia-MW38-10122021 Lab Sample ID: 860-13548-24

Matrix: Water Lab File ID: 16_Oct_2021 11_25.d

Analysis Method: 300.0 Date Collected: 10/12/2021 09:20

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 10/16/2021 11:25

Con. Extract Vol.: Dilution Factor: 100

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 26861 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	2680		50.0	10.9

FORM I 300.0

FORM VI
HPLC/IC BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RETENTION TIME SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1 Analy Batch No.: 22916

SDG No.:

Instrument ID: A166 GC Column: AS-18 ID: 0.004(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2021 23:10 Calibration End Date: 09/17/2021 00:51 Calibration ID: 1564

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-22916/1	16_Sep_2021 23_10.d
Level 2	IC 860-22916/2	16_Sep_2021 23_21.d
Level 3	IC 860-22916/3	16_Sep_2021 23_32.d
Level 4	IC 860-22916/4	16_Sep_2021 23_43.d
Level 5	IC 860-22916/5	16_Sep_2021 23_55.d
Level 6	ICRT 860-22916/6	17_Sep_2021 00_06.d
Level 7	IC 860-22916/7	17_Sep_2021 00_17.d
Level 8	IC 860-22916/8	17_Sep_2021 00_28.d
Level 9	IC 860-22916/9	17_Sep_2021 00_40.d
Level 10	IC 860-22916/10	17_Sep_2021 00_51.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6	LVL 7	LVL 8	LVL 9	LVL 10	RT WINDOW	AVG RT
Fluoride	2.984	2.987	2.987	2.987	2.993	3.000	3.007				2.737 - 3.237	2.992
Chloride	+++++	+++++	3.793	3.790	3.793	3.790	3.790	3.780	3.763	3.743	3.540 - 4.040	3.780
Sulfate	+++++	+++++	4.703	4.707	4.707	4.700	4.680	4.617	4.530		4.457 - 4.957	4.663
Bromide	+++++	5.647	5.647	5.643	5.637	5.623	5.607				5.393 - 5.893	5.634

FORM VI
HPLC/IC BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1 Analy Batch No.: 22916

SDG No.:

Instrument ID: A166 GC Column: AS-18 ID: 0.004(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2021 23:10 Calibration End Date: 09/17/2021 00:51 Calibration ID: 1564

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-22916/1	16_Sep_2021 23_10.d
Level 2	IC 860-22916/2	16_Sep_2021 23_21.d
Level 3	IC 860-22916/3	16_Sep_2021 23_32.d
Level 4	IC 860-22916/4	16_Sep_2021 23_43.d
Level 5	IC 860-22916/5	16_Sep_2021 23_55.d
Level 6	ICRT 860-22916/6	17_Sep_2021 00_06.d
Level 7	IC 860-22916/7	17_Sep_2021 00_17.d
Level 8	IC 860-22916/8	17_Sep_2021 00_28.d
Level 9	IC 860-22916/9	17_Sep_2021 00_40.d
Level 10	IC 860-22916/10	17_Sep_2021 00_51.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5 LVL 9	LVL 2 LVL 6 LVL 10	LVL 3 LVL 7	LVL 4 LVL 8		B	M1	M2								
Fluoride	30583770 26734512	27180185 26014736	26398134 24321436	28057895	Lin1	727943.478	25133272.2							0.9980		0.9950
Chloride	+++++ 15999054 16787833	+++++ 16516104 16479847	15155996 16929856	18862993 16698356	Lin1	188507.981	16599440.2							1.0000		0.9950
Sulfate	+++++ 10314174 12220133	+++++ 10649770	8436610 10705480	9538567 12261458	Lin1	-3212971.6	12133518.3							0.9990		0.9950
Bromide	+++++ 6322509	4354725 6784661	4821198 7029075	5196345	Lin1	-830663.55	6907425.59							0.9980		0.9950

Note: The M1 coefficient is the same as Ave CF for an Ave curve type.

Received by OCD: 3/25/2022 8:51:12 AM

FORM VI
HPLC/IC BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1 Analy Batch No.: 22916

SDG No.:

Instrument ID: A166 GC Column: AS-18 ID: 0.004(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2021 23:10 Calibration End Date: 09/17/2021 00:51 Calibration ID: 1564

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-22916/1	16_Sep_2021 23_10.d
Level 2	IC 860-22916/2	16_Sep_2021 23_21.d
Level 3	IC 860-22916/3	16_Sep_2021 23_32.d
Level 4	IC 860-22916/4	16_Sep_2021 23_43.d
Level 5	IC 860-22916/5	16_Sep_2021 23_55.d
Level 6	ICRT 860-22916/6	17_Sep_2021 00_06.d
Level 7	IC 860-22916/7	17_Sep_2021 00_17.d
Level 8	IC 860-22916/8	17_Sep_2021 00_28.d
Level 9	IC 860-22916/9	17_Sep_2021 00_40.d
Level 10	IC 860-22916/10	17_Sep_2021 00_51.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
		LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10
Fluoride	Lin1	3058377 260147361	5436037 486428725	13199067	28057895	133672561	0.100 10.0	0.200 20.0	0.500	1.00	5.00
Chloride	Lin1	+++++ 165161044	+++++ 338597122	7577998 166983559 4	18862993 419695816 1	79995270 823992359 9	+++++ 10.0	+++++ 20.0	0.500 100	1.00 250	5.00 500
Sulfate	Lin1	+++++ 106497695	+++++ 214109605	4218305 122614580 3	9538567 305503317 0	51570870	+++++ 10.0	+++++ 20.0	0.500 100	1.00 250	5.00
Bromide	Lin1	+++++ 67846609	870945 140581493	2410599	5196345	31612547	+++++ 10.0	0.200 20.0	0.500	1.00	5.00

Curve Type Legend
Lin1 = Linear 1/conc

Released to Imaging: 6/14/2022 10:51:35 AM

Calibration / Fluoride

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ESTD
Response Base:	AREA
RF Rounding:	0

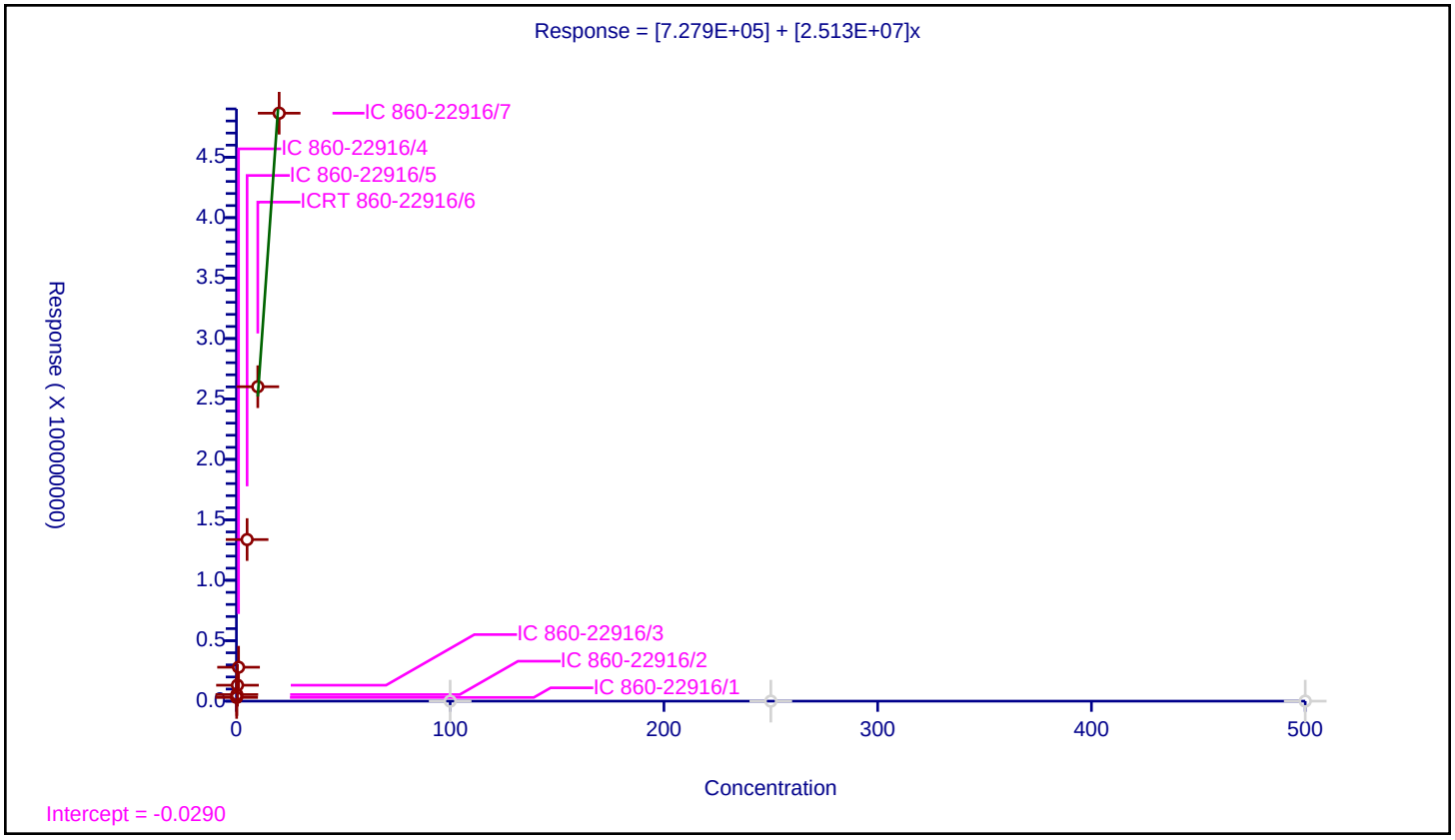
Curve Coefficients

Intercept:	7.279E+05
Slope:	2.513E+07

Error Coefficients

Standard Error:	9070000
Relative Standard Error:	6.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	IC 860-22916/1	0.1	3058377.0			30583770.0	Y
2	IC 860-22916/2	0.2	5436037.0			27180185.0	Y
3	IC 860-22916/3	0.5	13199067.0			26398134.0	Y
4	IC 860-22916/4	1.0	28057895.0			28057895.0	Y
5	IC 860-22916/5	5.0	133672561.0			26734512.2	Y
6	ICRT 860-22916/6	10.0	260147361.0			26014736.1	Y
7	IC 860-22916/7	20.0	486428725.0			24321436.25	Y
8	IC 860-22916/8	100.0	0.0			0.0	N
9	IC 860-22916/9	250.0	0.0			0.0	N
10	IC 860-22916/10	500.0	0.0			0.0	N



Calibration / Chloride

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ESTD
Response Base:	AREA
RF Rounding:	0

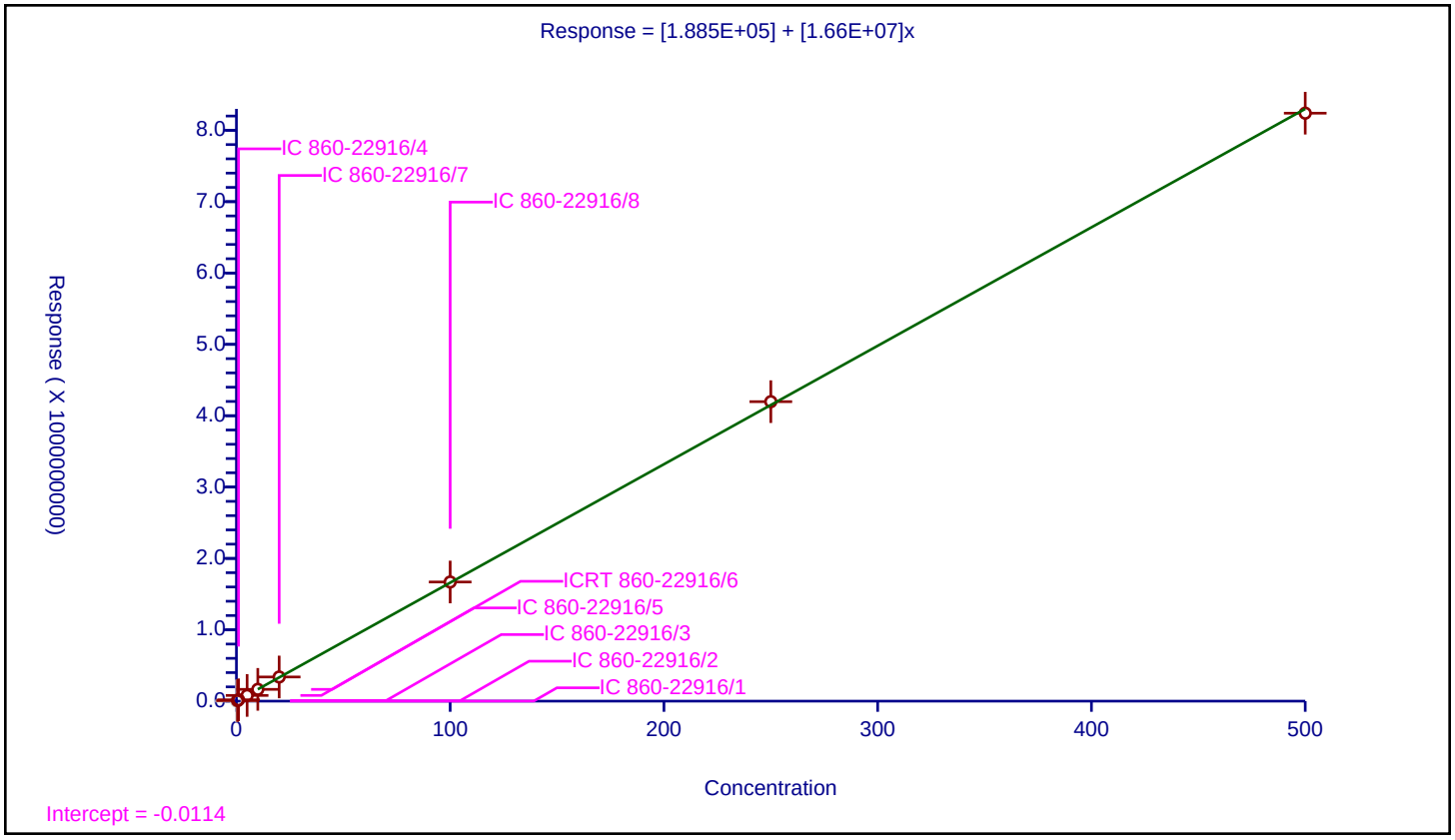
Curve Coefficients

Intercept:	1.885E+05
Slope:	1.66E+07

Error Coefficients

Standard Error:	31500000
Relative Standard Error:	7.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	IC 860-22916/1	0.1	1437951.0			14379510.0	N
2	IC 860-22916/2	0.2	3113084.0			15565420.0	N
3	IC 860-22916/3	0.5	7577998.0			15155996.0	Y
4	IC 860-22916/4	1.0	18862993.0			18862993.0	Y
5	IC 860-22916/5	5.0	79995270.0			15999054.0	Y
6	ICRT 860-22916/6	10.0	165161044.0			16516104.4	Y
7	IC 860-22916/7	20.0	338597122.0			16929856.1	Y
8	IC 860-22916/8	100.0	1669835594.0			16698355.94	Y
9	IC 860-22916/9	250.0	4196958161.0			16787832.644	Y
10	IC 860-22916/10	500.0	8239923599.0			16479847.198	Y



Calibration / Sulfate

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ESTD
Response Base:	AREA
RF Rounding:	0

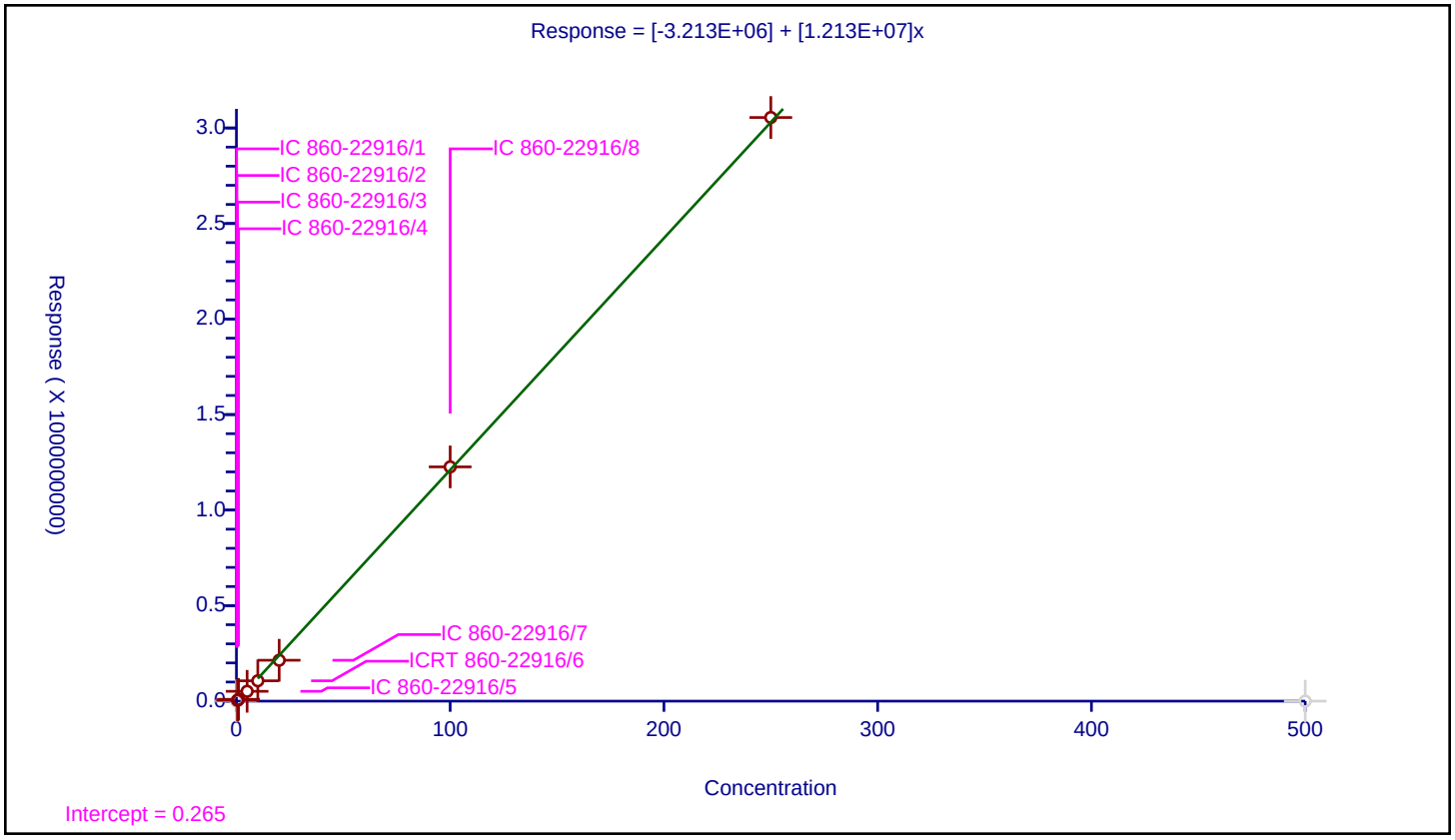
Curve Coefficients

Intercept:	-3.213E+06
Slope:	1.213E+07

Error Coefficients

Standard Error:	18400000
Relative Standard Error:	12.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	IC 860-22916/1	0.1	1073539.0			10735390.0	N
2	IC 860-22916/2	0.2	2169959.0			10849795.0	N
3	IC 860-22916/3	0.5	4218305.0			8436610.0	Y
4	IC 860-22916/4	1.0	9538567.0			9538567.0	Y
5	IC 860-22916/5	5.0	51570870.0			10314174.0	Y
6	ICRT 860-22916/6	10.0	106497695.0			10649769.5	Y
7	IC 860-22916/7	20.0	214109605.0			10705480.25	Y
8	IC 860-22916/8	100.0	1226145803.0			12261458.03	Y
9	IC 860-22916/9	250.0	3055033170.0			12220132.68	Y
10	IC 860-22916/10	500.0	0.0			0.0	N



Calibration / Bromide

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ESTD
Response Base:	AREA
RF Rounding:	0

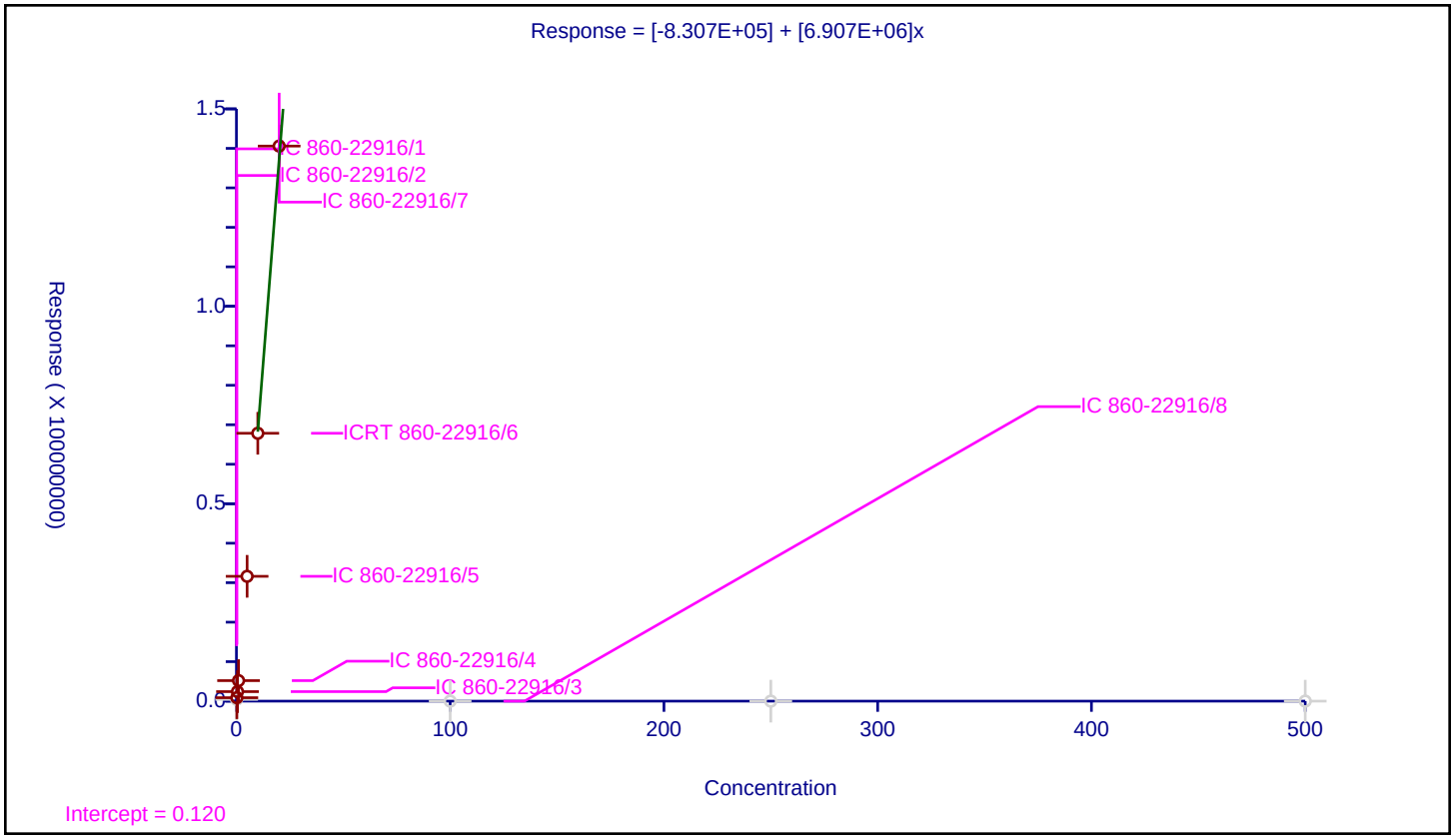
Curve Coefficients

Intercept:	-8.307E+05
Slope:	6.907E+06

Error Coefficients

Standard Error:	2010000
Relative Standard Error:	14.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	IC 860-22916/1	0.1	432178.0			4321780.0	N
2	IC 860-22916/2	0.2	870945.0			4354725.0	Y
3	IC 860-22916/3	0.5	2410599.0			4821198.0	Y
4	IC 860-22916/4	1.0	5196345.0			5196345.0	Y
5	IC 860-22916/5	5.0	31612547.0			6322509.4	Y
6	ICRT 860-22916/6	10.0	67846609.0			6784660.9	Y
7	IC 860-22916/7	20.0	140581493.0			7029074.65	Y
8	IC 860-22916/8	100.0	0.0			0.0	N
9	IC 860-22916/9	250.0	0.0			0.0	N
10	IC 860-22916/10	500.0	0.0			0.0	N



FORM VI
HPLC/IC BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RETENTION TIME SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1 Analy Batch No.: 27436

SDG No.:

Instrument ID: A166 GC Column: AS-18 ID: 0.004(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/20/2021 19:38 Calibration End Date: 10/20/2021 21:12 Calibration ID: 1834

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-27436/1	20_Oct_2021 19_38.d
Level 2	IC 860-27436/2	20_Oct_2021 19_49.d
Level 3	IC 860-27436/3	20_Oct_2021 19_59.d
Level 4	IC 860-27436/4	20_Oct_2021 20_09.d
Level 5	IC 860-27436/5	20_Oct_2021 20_20.d
Level 6	ICRT 860-27436/6	20_Oct_2021 20_30.d
Level 7	IC 860-27436/7	20_Oct_2021 20_41.d
Level 8	IC 860-27436/8	20_Oct_2021 20_51.d
Level 9	IC 860-27436/9	20_Oct_2021 21_01.d
Level 10	IC 860-27436/10	20_Oct_2021 21_12.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6	LVL 7	LVL 8	LVL 9	LVL 10	RT WINDOW	AVG RT
Fluoride	3.027	3.020	3.017	3.017	3.027	3.030	3.040	+++++	+++++	+++++	2.780 - 3.280	3.025
Chloride	+++++	+++++	3.877	3.877	3.873	3.870	3.867	3.857	3.837	3.817	3.620 - 4.120	3.859
Sulfate	+++++	+++++	5.117	5.120	5.080	5.077	5.050	4.953	4.837	+++++	4.813 - 5.313	5.033
Bromide	5.890	5.890	5.893	5.887	5.887	5.873	5.853	+++++	+++++		5.630 - 6.130	5.882

FORM VI
HPLC/IC BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1 Analy Batch No.: 27436

SDG No.:

Instrument ID: A166 GC Column: AS-18 ID: 0.004(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/20/2021 19:38 Calibration End Date: 10/20/2021 21:12 Calibration ID: 1834

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-27436/1	20_Oct_2021 19_38.d
Level 2	IC 860-27436/2	20_Oct_2021 19_49.d
Level 3	IC 860-27436/3	20_Oct_2021 19_59.d
Level 4	IC 860-27436/4	20_Oct_2021 20_09.d
Level 5	IC 860-27436/5	20_Oct_2021 20_20.d
Level 6	ICRT 860-27436/6	20_Oct_2021 20_30.d
Level 7	IC 860-27436/7	20_Oct_2021 20_41.d
Level 8	IC 860-27436/8	20_Oct_2021 20_51.d
Level 9	IC 860-27436/9	20_Oct_2021 21_01.d
Level 10	IC 860-27436/10	20_Oct_2021 21_12.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5 LVL 9	LVL 2 LVL 6 LVL 10	LVL 3 LVL 7	LVL 4 LVL 8		B	M1	M2								
Fluoride	46716620 28878549 +++++	37430205 26878124 +++++	31365438 25174272	29864701 +++++	Lin1	2407196.89	26019406.4							0.9980		0.9950
Chloride	+++++ 19690149 17077439	+++++ 17630148 16920197	22002066 17529409	17666423 17221417	Lin1	2860042.97	17013792.9							1.0000		0.9950
Sulfate	+++++ 11630618 12222698	+++++ 12035792 +++++	10300242 12228367	10392217 12471901	Lin1	-1418627.8	12293442.6							1.0000		0.9950
Bromide	5184880 6662218 +++++	5015265 7033762	5264340 7293558	5786216 +++++	Lin1	-417988.47	7130046.88							0.9980		0.9950

Note: The M1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
HPLC/IC BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1 Analy Batch No.: 27436

SDG No.:

Instrument ID: A166 GC Column: AS-18 ID: 0.004(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/20/2021 19:38 Calibration End Date: 10/20/2021 21:12 Calibration ID: 1834

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-27436/1	20_Oct_2021 19_38.d
Level 2	IC 860-27436/2	20_Oct_2021 19_49.d
Level 3	IC 860-27436/3	20_Oct_2021 19_59.d
Level 4	IC 860-27436/4	20_Oct_2021 20_09.d
Level 5	IC 860-27436/5	20_Oct_2021 20_20.d
Level 6	ICRT 860-27436/6	20_Oct_2021 20_30.d
Level 7	IC 860-27436/7	20_Oct_2021 20_41.d
Level 8	IC 860-27436/8	20_Oct_2021 20_51.d
Level 9	IC 860-27436/9	20_Oct_2021 21_01.d
Level 10	IC 860-27436/10	20_Oct_2021 21_12.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
		LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10
Fluoride	Lin1	4671662 268781237	7486041 503485432	15682719 +++++	29864701 +++++	144392743 +++++	0.100 10.0	0.200 20.0	0.500 +++++	1.00 +++++	5.00 +++++
Chloride	Lin1	+++++ 176301479	+++++ 350588187	11001033 1722141688	17666423 4269359851	98450744 8460098371	+++++ 10.0	+++++ 20.0	0.500 100	1.00 250	5.00 500
Sulfate	Lin1	+++++ 120357917	+++++ 244567331	5150121 1247190100	10392217 3055674378	58153092 +++++	+++++ 10.0	+++++ 20.0	0.500 100	1.00 250	5.00 +++++
Bromide	Lin1	518488 70337622	1003053 145871166	2632170 +++++	5786216 +++++	33311091	0.100 10.0	0.200 20.0	0.500 +++++	1.00 +++++	5.00

Curve Type Legend
Lin1 = Linear 1/conc

Calibration / Fluoride

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ESTD
Response Base:	AREA
RF Rounding:	0

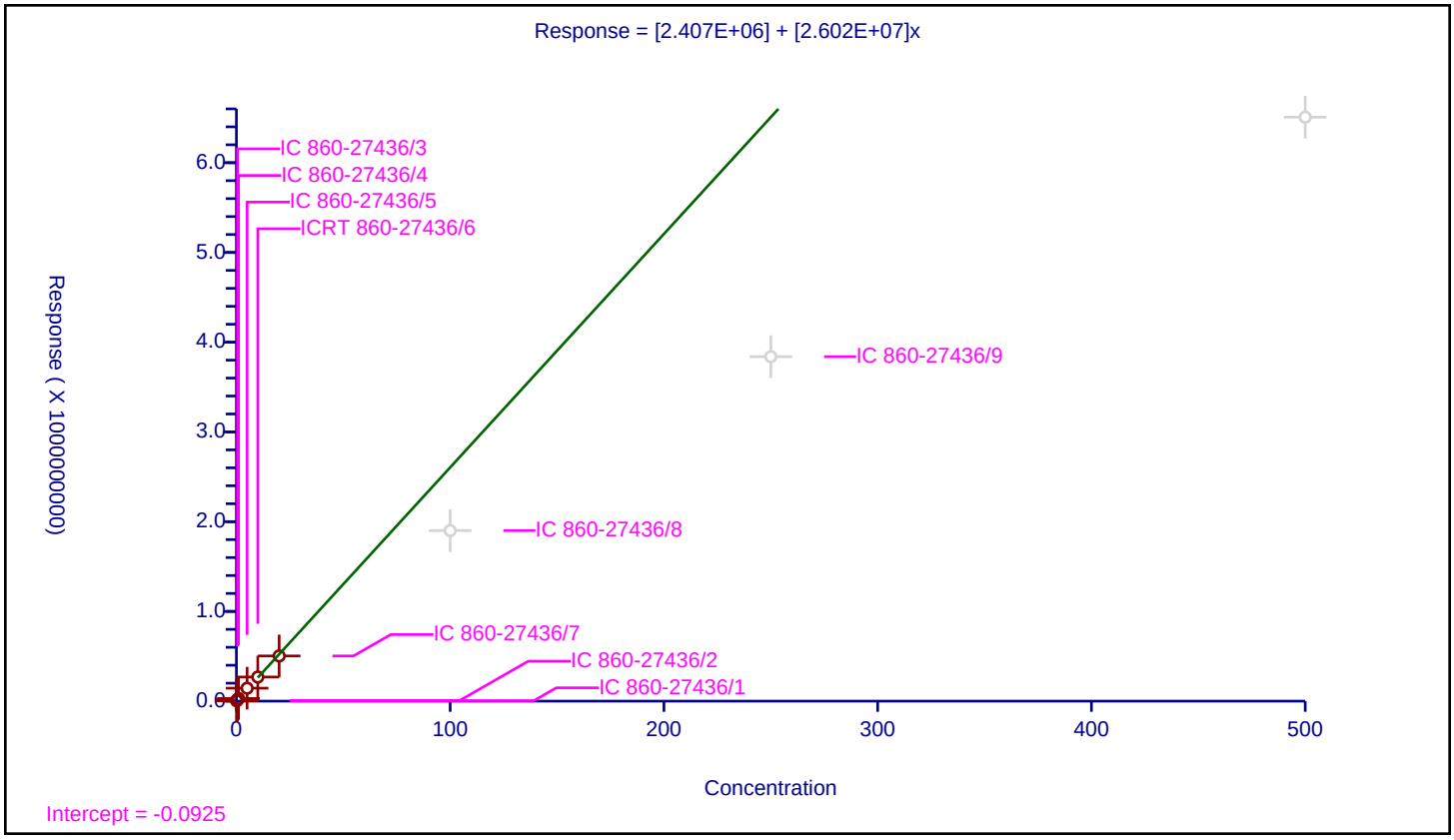
Curve Coefficients

Intercept:	2.407E+06
Slope:	2.602E+07

Error Coefficients

Standard Error:	10500000
Relative Standard Error:	7.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	IC 860-27436/1	0.1	4671662.0			46716620.0	Y
2	IC 860-27436/2	0.2	7486041.0			37430205.0	Y
3	IC 860-27436/3	0.5	15682719.0			31365438.0	Y
4	IC 860-27436/4	1.0	29864701.0			29864701.0	Y
5	IC 860-27436/5	5.0	144392743.0			28878548.6	Y
6	ICRT 860-27436/6	10.0	268781237.0			26878123.7	Y
7	IC 860-27436/7	20.0	503485432.0			25174271.6	Y
8	IC 860-27436/8	100.0	1900919537.0			19009195.37	N
9	IC 860-27436/9	250.0	3838652327.0			15354609.308	N
10	IC 860-27436/10	500.0	6507596892.0			13015193.784	N



Calibration / Chloride

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ESTD
Response Base:	AREA
RF Rounding:	0

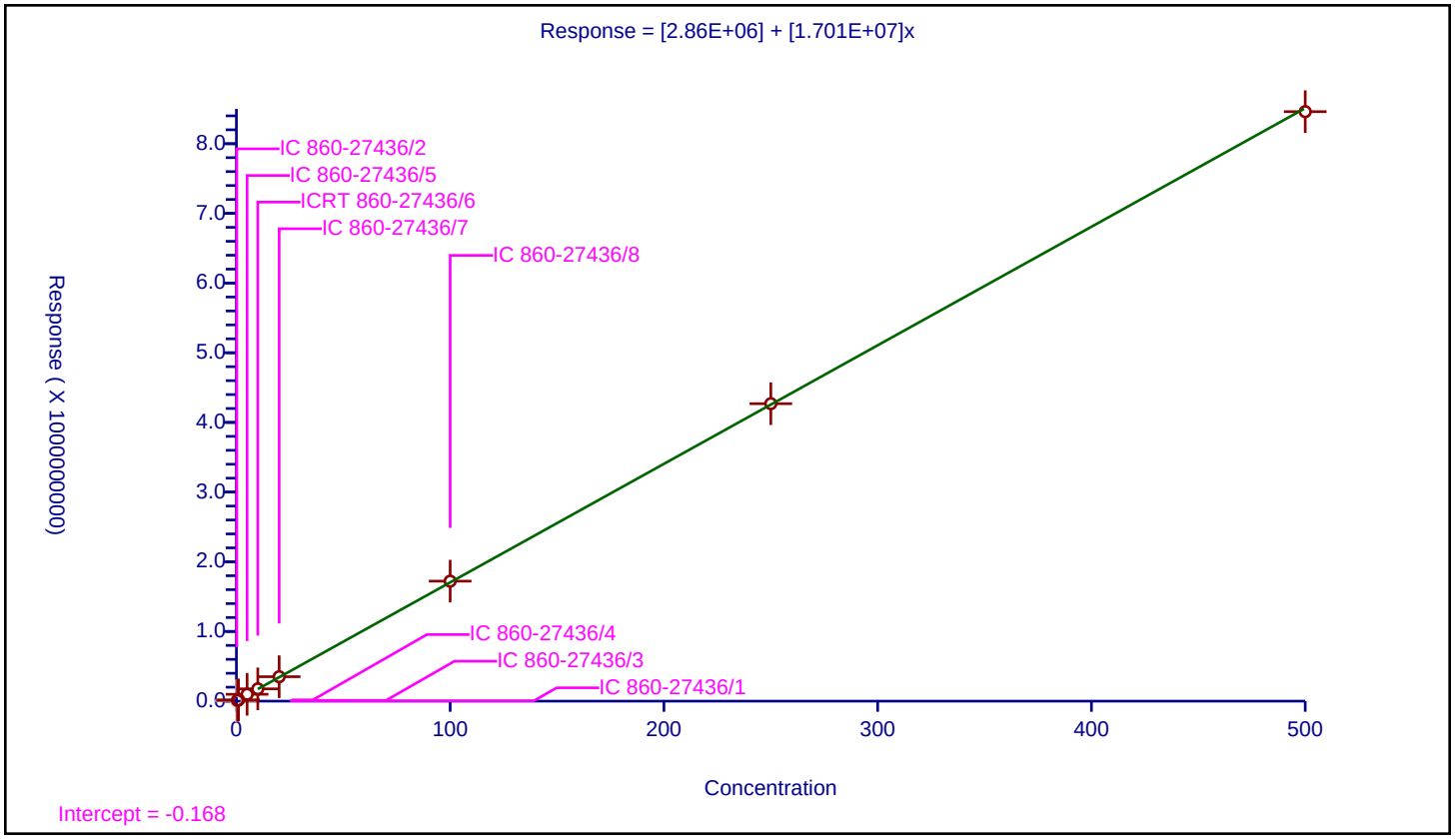
Curve Coefficients

Intercept:	2.86E+06
Slope:	1.701E+07

Error Coefficients

Standard Error:	22900000
Relative Standard Error:	7.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	IC 860-27436/1	0.1	4046890.0			40468900.0	N
2	IC 860-27436/2	0.2	7143520.0			35717600.0	N
3	IC 860-27436/3	0.5	11001033.0			22002066.0	Y
4	IC 860-27436/4	1.0	17666423.0			17666423.0	Y
5	IC 860-27436/5	5.0	98450744.0			19690148.8	Y
6	ICRT 860-27436/6	10.0	176301479.0			17630147.9	Y
7	IC 860-27436/7	20.0	350588187.0			17529409.35	Y
8	IC 860-27436/8	100.0	1722141688.0			17221416.88	Y
9	IC 860-27436/9	250.0	4269359851.0			17077439.404	Y
10	IC 860-27436/10	500.0	8460098371.0			16920196.742	Y



Calibration / Sulfate

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ESTD
Response Base:	AREA
RF Rounding:	0

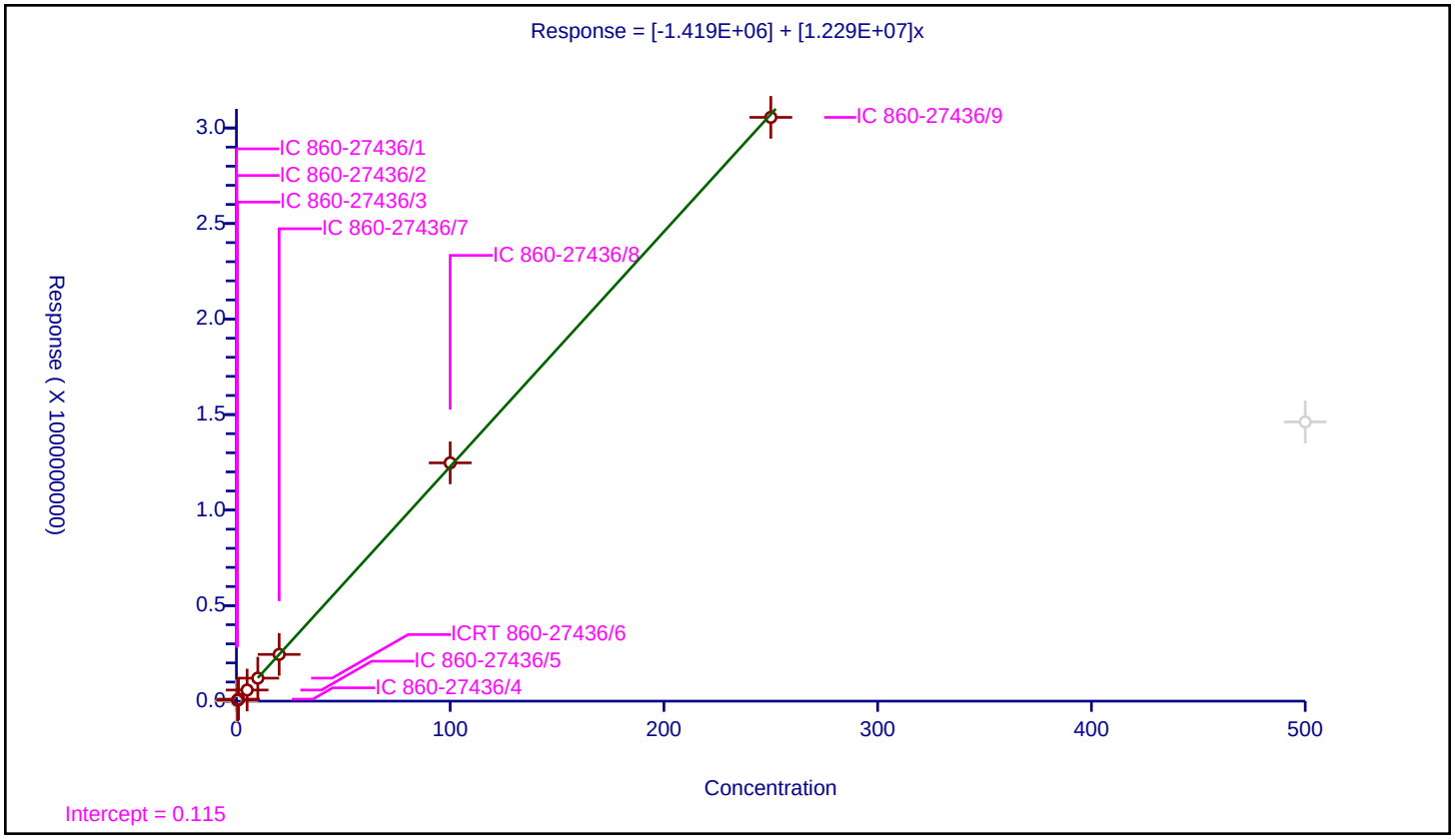
Curve Coefficients

Intercept:	-1.419E+06
Slope:	1.229E+07

Error Coefficients

Standard Error:	11300000
Relative Standard Error:	3.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	IC 860-27436/1	0.1	1227040.0			12270400.0	N
2	IC 860-27436/2	0.2	2173398.0			10866990.0	N
3	IC 860-27436/3	0.5	5150121.0			10300242.0	Y
4	IC 860-27436/4	1.0	10392217.0			10392217.0	Y
5	IC 860-27436/5	5.0	58153092.0			11630618.4	Y
6	ICRT 860-27436/6	10.0	120357917.0			12035791.7	Y
7	IC 860-27436/7	20.0	244567331.0			12228366.55	Y
8	IC 860-27436/8	100.0	1247190100.0			12471901.0	Y
9	IC 860-27436/9	250.0	3055674378.0			12222697.512	Y
10	IC 860-27436/10	500.0	1461459427.0			2922918.854	N



Calibration / Bromide

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ESTD
Response Base:	AREA
RF Rounding:	0

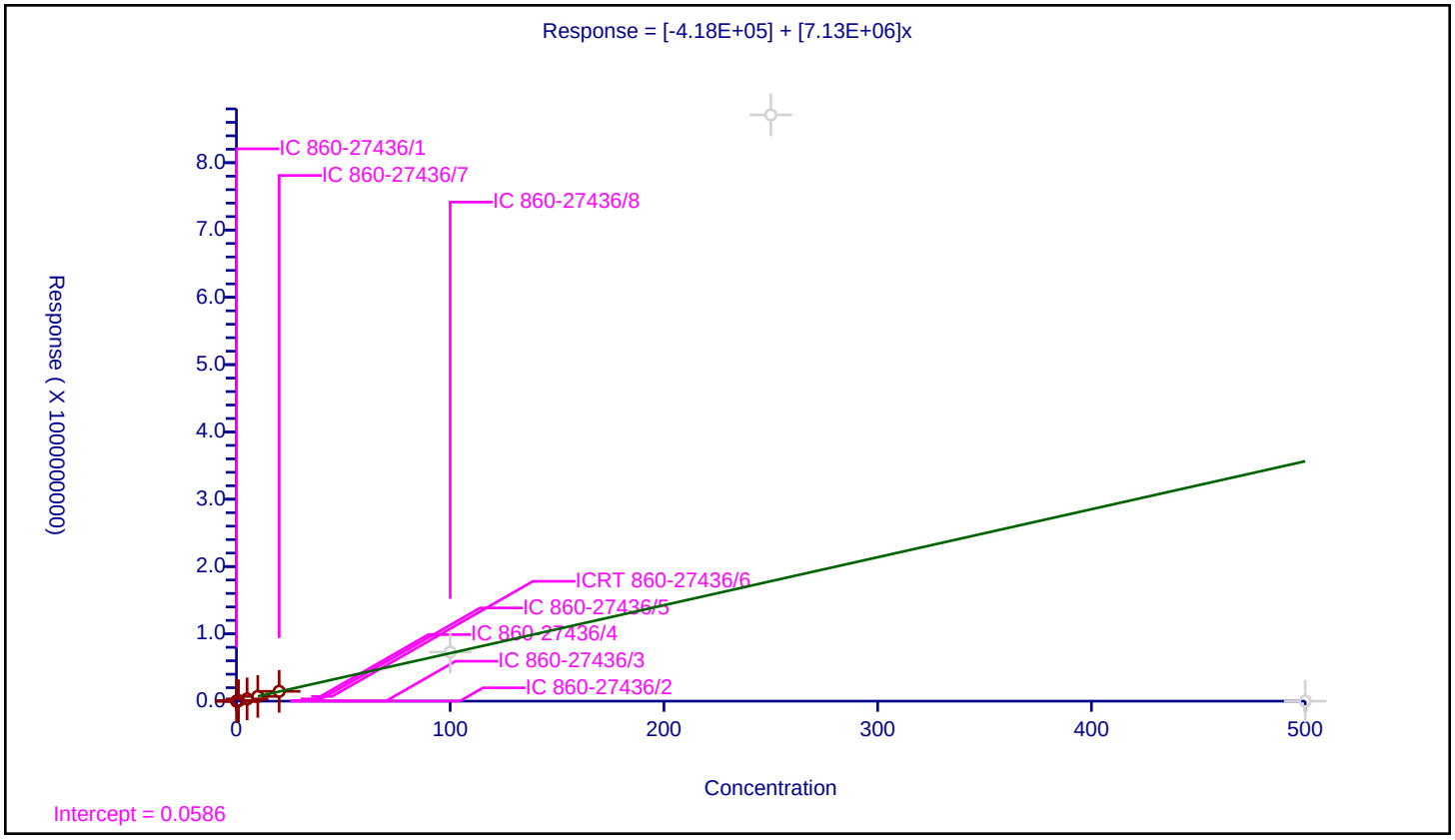
Curve Coefficients

Intercept:	-4.18E+05
Slope:	7.13E+06

Error Coefficients

Standard Error:	1940000
Relative Standard Error:	16.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	IC 860-27436/1	0.1	518488.0			5184880.0	Y
2	IC 860-27436/2	0.2	1003053.0			5015265.0	Y
3	IC 860-27436/3	0.5	2632170.0			5264340.0	Y
4	IC 860-27436/4	1.0	5786216.0			5786216.0	Y
5	IC 860-27436/5	5.0	33311091.0			6662218.2	Y
6	ICRT 860-27436/6	10.0	70337622.0			7033762.2	Y
7	IC 860-27436/7	20.0	145871166.0			7293558.3	Y
8	IC 860-27436/8	100.0	728766317.0			7287663.17	N
9	IC 860-27436/9	250.0	8710568462.0			34842273.848	N
10	IC 860-27436/10	500.0	0.0			0.0	N



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Lab Sample ID: CCVRT 860-26861/1 Calibration Date: 10/15/2021 20:40

Instrument ID: A166 Calib Start Date: 09/16/2021 23:10

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 09/17/2021 00:51

Lab File ID: 15_Oct_2021 20_40.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluoride	Lin1		26007720		10.3	10.0	3.2	10.0
Chloride	Lin1		16925435		10.2	10.0	1.9	10.0
Sulfate	Lin1		11706232		9.91	10.0	-0.9	10.0
Bromide	Lin1		6743347		9.88	10.0	-1.2	10.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Lab Sample ID: CCVRT 860-26861/1 Calibration Date: 10/15/2021 20:40

Instrument ID: A166 Calib Start Date: 09/16/2021 23:10

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 09/17/2021 00:51

Lab File ID: 15_Oct_2021 20_40.d

Analyte	RT	RT WINDOW	
		FROM	TO
Fluoride	3.03	2.78	3.28
Chloride	3.90	3.65	4.15
Sulfate	5.16	4.91	5.41
Bromide	5.95	5.70	6.20

Form VII 300.0

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Lab Sample ID: CCV 860-26861/13 Calibration Date: 10/15/2021 22:45

Instrument ID: A166 Calib Start Date: 09/16/2021 23:10

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 09/17/2021 00:51

Lab File ID: 15_Oct_2021 22_45.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluoride	Lin1		26221794		10.4	10.0	4.0	10.0
Chloride	Lin1		17044804		10.3	10.0	2.6	10.0
Sulfate	Lin1		11778816		9.97	10.0	-0.3	10.0
Bromide	Lin1		6754957		9.90	10.0	-1.0	10.0

FORM VII 300.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Lab Sample ID: CCV 860-26861/13 Calibration Date: 10/15/2021 22:45

Instrument ID: A166 Calib Start Date: 09/16/2021 23:10

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 09/17/2021 00:51

Lab File ID: 15_Oct_2021 22_45.d

Analyte	RT	RT WINDOW	
		FROM	TO
Fluoride	3.03	2.78	3.28
Chloride	3.89	3.65	4.15
Sulfate	5.07	4.91	5.41
Bromide	5.96	5.70	6.20

Form VII 300.0

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Lab Sample ID: CCV 860-26861/25 Calibration Date: 10/16/2021 00:49

Instrument ID: A166 Calib Start Date: 09/16/2021 23:10

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 09/17/2021 00:51

Lab File ID: 16_Oct_2021 00_49.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluoride	Lin1		26248246		10.4	10.0	4.1	10.0
Chloride	Lin1		17120377		10.3	10.0	3.0	10.0
Sulfate	Lin1		11965914		10.1	10.0	1.3	10.0
Bromide	Lin1		6773229		9.93	10.0	-0.7	10.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Lab Sample ID: CCV 860-26861/25 Calibration Date: 10/16/2021 00:49

Instrument ID: A166 Calib Start Date: 09/16/2021 23:10

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 09/17/2021 00:51

Lab File ID: 16_Oct_2021 00_49.d

Analyte	RT	RT WINDOW	
		FROM	TO
Fluoride	3.03	2.78	3.28
Chloride	3.89	3.65	4.15
Sulfate	5.11	4.91	5.41
Bromide	5.96	5.70	6.20

Form VII 300.0

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Lab Sample ID: CCV 860-26861/36 Calibration Date: 10/16/2021 02:43

Instrument ID: A166 Calib Start Date: 09/16/2021 23:10

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 09/17/2021 00:51

Lab File ID: 16_Oct_2021 02_43.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluoride	Lin1		26126961		10.4	10.0	3.7	10.0
Chloride	Lin1		17295159		10.4	10.0	4.1	10.0
Sulfate	Lin1		11943189		10.1	10.0	1.1	10.0
Bromide	Lin1		6780362		9.94	10.0	-0.6	10.0

FORM VII 300.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Lab Sample ID: CCV 860-26861/36 Calibration Date: 10/16/2021 02:43

Instrument ID: A166 Calib Start Date: 09/16/2021 23:10

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 09/17/2021 00:51

Lab File ID: 16_Oct_2021 02_43.d

Analyte	RT	RT WINDOW	
		FROM	TO
Fluoride	3.03	2.78	3.28
Chloride	3.89	3.65	4.15
Sulfate	5.09	4.91	5.41
Bromide	5.96	5.70	6.20

Form VII 300.0

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Lab Sample ID: CCV 860-26861/48 Calibration Date: 10/16/2021 04:48

Instrument ID: A166 Calib Start Date: 09/16/2021 23:10

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 09/17/2021 00:51

Lab File ID: 16_Oct_2021 04_48.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluoride	Lin1		26276974		10.4	10.0	4.3	10.0
Chloride	Lin1		17253338		10.4	10.0	3.8	10.0
Sulfate	Lin1		11987895		10.1	10.0	1.4	10.0
Bromide	Lin1		6819557		9.99	10.0	-0.0	10.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Lab Sample ID: CCV 860-26861/48 Calibration Date: 10/16/2021 04:48

Instrument ID: A166 Calib Start Date: 09/16/2021 23:10

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 09/17/2021 00:51

Lab File ID: 16_Oct_2021 04_48.d

Analyte	RT	RT WINDOW	
		FROM	TO
Fluoride	3.04	2.78	3.28
Chloride	3.90	3.65	4.15
Sulfate	5.25	4.91	5.41
Bromide	5.93	5.70	6.20

Form VII 300.0

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Lab Sample ID: CCV 860-26861/60 Calibration Date: 10/16/2021 06:53

Instrument ID: A166 Calib Start Date: 09/16/2021 23:10

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 09/17/2021 00:51

Lab File ID: 16_Oct_2021 06_53.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluoride	Lin1		26245131		10.4	10.0	4.1	10.0
Chloride	Lin1		17215918		10.4	10.0	3.6	10.0
Sulfate	Lin1		11830830		10.0	10.0	0.2	10.0
Bromide	Lin1		6826173		10.0	10.0	0.0	10.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Lab Sample ID: CCV 860-26861/60 Calibration Date: 10/16/2021 06:53

Instrument ID: A166 Calib Start Date: 09/16/2021 23:10

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 09/17/2021 00:51

Lab File ID: 16_Oct_2021 06_53.d

Analyte	RT	RT WINDOW	
		FROM	TO
Fluoride	3.04	2.78	3.28
Chloride	3.90	3.65	4.15
Sulfate	5.26	4.91	5.41
Bromide	5.92	5.70	6.20

Form VII 300.0

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Lab Sample ID: CCV 860-26861/69 Calibration Date: 10/16/2021 08:26

Instrument ID: A166 Calib Start Date: 09/16/2021 23:10

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 09/17/2021 00:51

Lab File ID: 16_Oct_2021 08_26.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluoride	Lin1		26201840		10.4	10.0	4.0	10.0
Chloride	Lin1		17282927		10.4	10.0	4.0	10.0
Sulfate	Lin1		11886975		10.1	10.0	0.6	10.0

FORM VII 300.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Lab Sample ID: CCV 860-26861/69 Calibration Date: 10/16/2021 08:26

Instrument ID: A166 Calib Start Date: 09/16/2021 23:10

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 09/17/2021 00:51

Lab File ID: 16_Oct_2021 08_26.d

Analyte	RT	RT WINDOW	
		FROM	TO
Fluoride	3.04	2.78	3.28
Chloride	3.90	3.65	4.15
Sulfate	5.26	4.91	5.41

Form VII 300.0

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Lab Sample ID: CCV 860-26861/77 Calibration Date: 10/16/2021 11:36

Instrument ID: A166 Calib Start Date: 09/16/2021 23:10

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 09/17/2021 00:51

Lab File ID: 16_Oct_2021 11_36.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluoride	Lin1		26044316		10.3	10.0	3.3	10.0
Chloride	Lin1		17102924		10.3	10.0	2.9	10.0
Sulfate	Lin1		11817893		10.0	10.0	0.0	10.0
Bromide	Lin1		6830682		10.0	10.0	0.0	10.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Lab Sample ID: CCV 860-26861/77 Calibration Date: 10/16/2021 11:36

Instrument ID: A166 Calib Start Date: 09/16/2021 23:10

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 09/17/2021 00:51

Lab File ID: 16_Oct_2021 11_36.d

Analyte	RT	RT WINDOW	
		FROM	TO
Fluoride	3.04	2.78	3.28
Chloride	3.90	3.65	4.15
Sulfate	5.23	4.91	5.41
Bromide	5.93	5.70	6.20

Form VII 300.0

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Lab Sample ID: CCVRT 860-27096/1 Calibration Date: 10/19/2021 10:54

Instrument ID: A166 Calib Start Date: 09/16/2021 23:10

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 09/17/2021 00:51

Lab File ID: 19_Oct_2021 10_54.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluoride	Lin1		26354030		10.5	10.0	4.6	10.0
Chloride	Lin1		17515735		10.5	10.0	5.4	10.0
Sulfate	Lin1		12321648		10.4	10.0	4.2	10.0
Bromide	Lin1		7071728		10.4	10.0	3.6	10.0

FORM VII 300.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Lab Sample ID: CCVRT 860-27096/1 Calibration Date: 10/19/2021 10:54

Instrument ID: A166 Calib Start Date: 09/16/2021 23:10

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 09/17/2021 00:51

Lab File ID: 19_Oct_2021 10_54.d

Analyte	RT	RT WINDOW	
		FROM	TO
Fluoride	3.04	2.79	3.29
Chloride	3.88	3.63	4.13
Sulfate	5.07	4.82	5.32
Bromide	5.90	5.65	6.15

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Lab Sample ID: CCV 860-27096/53 Calibration Date: 10/19/2021 20:33

Instrument ID: A166 Calib Start Date: 09/16/2021 23:10

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 09/17/2021 00:51

Lab File ID: 19_Oct_2021 20_33.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluoride	Lin1		26571220		10.5	10.0	5.4	10.0
Chloride	Lin1		17690609		10.7	10.0	6.5	10.0
Sulfate	Lin1		12195785		10.3	10.0	3.2	10.0
Bromide	Lin1		7051915		10.3	10.0	3.3	10.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Lab Sample ID: CCV 860-27096/53 Calibration Date: 10/19/2021 20:33

Instrument ID: A166 Calib Start Date: 09/16/2021 23:10

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 09/17/2021 00:51

Lab File ID: 19_Oct_2021 20_33.d

Analyte	RT	RT WINDOW	
		FROM	TO
Fluoride	3.03	2.79	3.29
Chloride	3.87	3.63	4.13
Sulfate	5.01	4.82	5.32
Bromide	5.90	5.65	6.15

Form VII 300.0

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Lab Sample ID: CCV 860-27096/65 Calibration Date: 10/19/2021 22:38

Instrument ID: A166 Calib Start Date: 09/16/2021 23:10

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 09/17/2021 00:51

Lab File ID: 19_Oct_2021 22_38.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluoride	Lin1		26650037		10.6	10.0	5.7	10.0
Chloride	Lin1		17581734		10.6	10.0	5.8	10.0
Sulfate	Lin1		12159165		10.3	10.0	2.9	10.0
Bromide	Lin1		7058304		10.3	10.0	3.4	10.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Lab Sample ID: CCV 860-27096/65 Calibration Date: 10/19/2021 22:38

Instrument ID: A166 Calib Start Date: 09/16/2021 23:10

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 09/17/2021 00:51

Lab File ID: 19_Oct_2021 22_38.d

Analyte	RT	RT WINDOW	
		FROM	TO
Fluoride	3.03	2.79	3.29
Chloride	3.87	3.63	4.13
Sulfate	4.99	4.82	5.32
Bromide	5.91	5.65	6.15

Form VII 300.0

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Lab Sample ID: CCVRT 860-27602/1 Calibration Date: 10/21/2021 16:58

Instrument ID: A166 Calib Start Date: 10/20/2021 19:38

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 10/20/2021 21:12

Lab File ID: 21_Oct_2021 16_58.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluoride	Lin1		26355974		10.0	10.0	0.4	10.0
Chloride	Lin1		17205744		9.95	10.0	-0.6	10.0
Sulfate	Lin1		11711099		9.64	10.0	-3.6	10.0
Bromide	Lin1		6944304		9.80	10.0	-2.0	10.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Lab Sample ID: CCVRT 860-27602/1 Calibration Date: 10/21/2021 16:58

Instrument ID: A166 Calib Start Date: 10/20/2021 19:38

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 10/20/2021 21:12

Lab File ID: 21_Oct_2021 16_58.d

Analyte	RT	RT WINDOW	
		FROM	TO
Fluoride	3.04	2.79	3.29
Chloride	3.88	3.63	4.13
Sulfate	5.17	4.92	5.42
Bromide	5.85	5.60	6.10

Form VII 300.0

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Lab Sample ID: CCV 860-27602/13 Calibration Date: 10/21/2021 19:03

Instrument ID: A166 Calib Start Date: 10/20/2021 19:38

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 10/20/2021 21:12

Lab File ID: 21_Oct_2021 19_03.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluoride	Lin1		26518757		10.1	10.0	1.0	10.0
Chloride	Lin1		17622461		10.2	10.0	1.9	10.0
Sulfate	Lin1		11783391		9.70	10.0	-3.0	10.0
Bromide	Lin1		6932742		9.78	10.0	-2.2	10.0

FORM VII 300.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Lab Sample ID: CCV 860-27602/13 Calibration Date: 10/21/2021 19:03

Instrument ID: A166 Calib Start Date: 10/20/2021 19:38

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 10/20/2021 21:12

Lab File ID: 21_Oct_2021 19_03.d

Analyte	RT	RT WINDOW	
		FROM	TO
Fluoride	3.04	2.79	3.29
Chloride	3.87	3.63	4.13
Sulfate	5.11	4.92	5.42
Bromide	5.86	5.60	6.10

Form VII 300.0

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1
SDG No.:
Client Sample ID: Lab Sample ID: MB 860-26861/3
Matrix: Water Lab File ID: 15_Oct_2021 21_01.d
Analysis Method: 300.0 Date Collected:
Extraction Method: Date Extracted:
Sample wt/vol: 0(mL) Date Analyzed: 10/15/2021 21:01
Con. Extract Vol.: Dilution Factor: 1
Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)
% Moisture: GPC Cleanup:(Y/N) N
Analysis Batch No.: 26861 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	0.109	U	0.500	0.109

FORM I 300.0

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 860-26861/38

Matrix: Water Lab File ID: 16_Oct_2021 03_04.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 10/16/2021 03:04

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 26861 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	0.109	U	0.500	0.109

FORM I 300.0

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 860-27096/55

Matrix: Water Lab File ID: 19_Oct_2021 20_54.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 10/19/2021 20:54

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 27096 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	0.109	U	0.500	0.109

FORM I 300.0

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 860-27602/3

Matrix: Water Lab File ID: 21_Oct_2021 17_19.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 10/21/2021 17:19

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 27602 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	0.1252	J	0.500	0.109

FORM I 300.0

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Lab Sample ID: CCB 860-26861/2

Matrix: Water Lab File ID: 15_Oct_2021 20_50.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 10/15/2021 20:50

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 26861 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	0.2882	J	0.500	0.109

FORM I 300.0

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Lab Sample ID: CCB 860-26861/14

Matrix: Water Lab File ID: 15_Oct_2021 22_55.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 10/15/2021 22:55

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 26861 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	0.2897	J	0.500	0.109

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Lab Sample ID: CCB 860-26861/26

Matrix: Water Lab File ID: 16_Oct_2021 01_00.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 10/16/2021 01:00

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 26861 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	0.3012	J	0.500	0.109

FORM I 300.0

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Lab Sample ID: CCB 860-26861/37

Matrix: Water Lab File ID: 16_Oct_2021 02_54.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 10/16/2021 02:54

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 26861 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	0.2927	J	0.500	0.109

FORM I 300.0

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Lab Sample ID: CCB 860-26861/49

Matrix: Water Lab File ID: 16_Oct_2021 04_58.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 10/16/2021 04:58

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 26861 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	0.2982	J	0.500	0.109

FORM I 300.0

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Lab Sample ID: CCB 860-26861/61

Matrix: Water Lab File ID: 16_Oct_2021 07_03.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 10/16/2021 07:03

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 26861 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	0.3037	J	0.500	0.109

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Lab Sample ID: CCB 860-26861/70

Matrix: Water Lab File ID: 16_Oct_2021 08_36.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 10/16/2021 08:36

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 26861 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	0.3086	J	0.500	0.109

FORM I 300.0

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Lab Sample ID: CCB 860-26861/78

Matrix: Water Lab File ID: 16_Oct_2021 11_46.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 10/16/2021 11:46

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 26861 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	0.2952	J	0.500	0.109

FORM I 300.0

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Lab Sample ID: CCB 860-27096/54

Matrix: Water Lab File ID: 19_Oct_2021 20_44.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 10/19/2021 20:44

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 27096 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	0.109	U	0.500	0.109

FORM I 300.0

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Lab Sample ID: CCB 860-27096/66

Matrix: Water Lab File ID: 19_Oct_2021 22_48.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 10/19/2021 22:48

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 27096 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	0.2710	J	0.500	0.109

FORM I 300.0

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Lab Sample ID: CCB 860-27602/2

Matrix: Water Lab File ID: 21_Oct_2021 17_09.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 10/21/2021 17:09

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 27602 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	0.1248	J	0.500	0.109

FORM I 300.0

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Lab Sample ID: CCB 860-27602/14

Matrix: Water Lab File ID: 21_Oct_2021 19_13.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 10/21/2021 19:13

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 27602 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	0.1277	J	0.500	0.109

FORM I 300.0

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 860-26861/4

Matrix: Water Lab File ID: 15_Oct_2021 21_11.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 10/15/2021 21:11

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 26861 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	9.694		0.500	0.109

FORM I 300.0

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 860-26861/39

Matrix: Water Lab File ID: 16_Oct_2021 03_15.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 10/16/2021 03:15

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 26861 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	9.815		0.500	0.109

FORM I 300.0

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 860-27096/56

Matrix: Water Lab File ID: 19_Oct_2021 21_04.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 10/19/2021 21:04

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 27096 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	10.13		0.500	0.109

FORM I 300.0

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 860-27602/4

Matrix: Water Lab File ID: 21_Oct_2021 17_29.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 10/21/2021 17:29

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 27602 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	9.597		0.500	0.109

FORM I 300.0

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 860-26861/5

Matrix: Water Lab File ID: 15_Oct_2021 21_22.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 10/15/2021 21:22

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 26861 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	9.783		0.500	0.109

FORM I 300.0

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 860-26861/40

Matrix: Water Lab File ID: 16_Oct_2021 03_25.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 10/16/2021 03:25

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 26861 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	9.768		0.500	0.109

FORM I 300.0

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 860-27096/57

Matrix: Water Lab File ID: 19_Oct_2021 21_15.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 10/19/2021 21:15

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 27096 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	10.21		0.500	0.109

FORM I 300.0

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 860-27602/5

Matrix: Water Lab File ID: 21_Oct_2021 17_40.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 10/21/2021 17:40

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 27602 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	9.655		0.500	0.109

FORM I 300.0

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Artesia-MW36-10122021 MS Lab Sample ID: 860-13548-23 MS

Matrix: Water Lab File ID: 21_Oct_2021 18_01.d

Analysis Method: 300.0 Date Collected: 10/12/2021 10:25

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 10/21/2021 18:01

Con. Extract Vol.: Dilution Factor: 10

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 27602 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	2234		5.00	1.09

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Client Sample ID: Artesia-MW36-10122021 MSD Lab Sample ID: 860-13548-23 MSD

Matrix: Water Lab File ID: 21_Oct_2021 18_11.d

Analysis Method: 300.0 Date Collected: 10/12/2021 10:25

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 10/21/2021 18:11

Con. Extract Vol.: Dilution Factor: 10

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 27602 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	2229		5.00	1.09

FORM I 300.0

HPLC/IC ANALYSIS RUN LOG

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Instrument ID: A166 Start Date: 09/16/2021 23:10

Analysis Batch Number: 22916 End Date: 09/17/2021 06:39

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
IC 860-22916/1		09/16/2021 23:10	1	16_Sep_2021 23_10.d	AS-18 0.004(mm)
IC 860-22916/2		09/16/2021 23:21	1	16_Sep_2021 23_21.d	AS-18 0.004(mm)
IC 860-22916/3		09/16/2021 23:32	1	16_Sep_2021 23_32.d	AS-18 0.004(mm)
IC 860-22916/4		09/16/2021 23:43	1	16_Sep_2021 23_43.d	AS-18 0.004(mm)
IC 860-22916/5		09/16/2021 23:55	1	16_Sep_2021 23_55.d	AS-18 0.004(mm)
ICRT 860-22916/6		09/17/2021 00:06	1	17_Sep_2021 00_06.d	AS-18 0.004(mm)
IC 860-22916/7		09/17/2021 00:17	1	17_Sep_2021 00_17.d	AS-18 0.004(mm)
IC 860-22916/8		09/17/2021 00:28	1	17_Sep_2021 00_28.d	AS-18 0.004(mm)
IC 860-22916/9		09/17/2021 00:40	1	17_Sep_2021 00_40.d	AS-18 0.004(mm)
IC 860-22916/10		09/17/2021 00:51	1	17_Sep_2021 00_51.d	AS-18 0.004(mm)
ICV 860-22916/11		09/17/2021 01:02	1		AS-18 0.004(mm)
ICB 860-22916/12		09/17/2021 01:13	1		AS-18 0.004(mm)
ZZZZZ		09/17/2021 01:24	1		AS-18 0.004(mm)
ZZZZZ		09/17/2021 01:36	1		AS-18 0.004(mm)
ZZZZZ		09/17/2021 01:47	1		AS-18 0.004(mm)
ZZZZZ		09/17/2021 01:58	1		AS-18 0.004(mm)
ZZZZZ		09/17/2021 02:09	1		AS-18 0.004(mm)
ZZZZZ		09/17/2021 02:21	1		AS-18 0.004(mm)
ZZZZZ		09/17/2021 02:32	1		AS-18 0.004(mm)
ZZZZZ		09/17/2021 02:43	1		AS-18 0.004(mm)
ZZZZZ		09/17/2021 02:54	1		AS-18 0.004(mm)
ZZZZZ		09/17/2021 03:05	1		AS-18 0.004(mm)
CCV 860-22916/23		09/17/2021 03:17	1		AS-18 0.004(mm)
CCB 860-22916/24		09/17/2021 03:28	1		AS-18 0.004(mm)
ZZZZZ		09/17/2021 03:39	1		AS-18 0.004(mm)
ZZZZZ		09/17/2021 03:50	1		AS-18 0.004(mm)
ZZZZZ		09/17/2021 04:02	1		AS-18 0.004(mm)
ZZZZZ		09/17/2021 04:13	1		AS-18 0.004(mm)
ZZZZZ		09/17/2021 04:24	1		AS-18 0.004(mm)
ZZZZZ		09/17/2021 04:35	1		AS-18 0.004(mm)
ZZZZZ		09/17/2021 04:47	1		AS-18 0.004(mm)
ZZZZZ		09/17/2021 04:58	1		AS-18 0.004(mm)
ZZZZZ		09/17/2021 05:09	1		AS-18 0.004(mm)
ZZZZZ		09/17/2021 05:20	1		AS-18 0.004(mm)
CCV 860-22916/35		09/17/2021 05:31	1		AS-18 0.004(mm)
CCB 860-22916/36		09/17/2021 05:43	1		AS-18 0.004(mm)
ZZZZZ		09/17/2021 05:54	1		AS-18 0.004(mm)
ZZZZZ		09/17/2021 06:05	1		AS-18 0.004(mm)
ZZZZZ		09/17/2021 06:16	1		AS-18 0.004(mm)
CCV 860-22916/40		09/17/2021 06:28	1		AS-18 0.004(mm)
CCB 860-22916/41		09/17/2021 06:39	1		AS-18 0.004(mm)

300.0

HPLC/IC ANALYSIS RUN LOG

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Instrument ID: A166 Start Date: 10/15/2021 20:40

Analysis Batch Number: 26861 End Date: 10/16/2021 15:03

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVRT 860-26861/1		10/15/2021 20:40	1	15_Oct_2021 20_40.d	AS-18 0.004(mm)
CCB 860-26861/2		10/15/2021 20:50	1	15_Oct_2021 20_50.d	AS-18 0.004(mm)
MB 860-26861/3		10/15/2021 21:01	1	15_Oct_2021 21_01.d	AS-18 0.004(mm)
LCS 860-26861/4		10/15/2021 21:11	1	15_Oct_2021 21_11.d	AS-18 0.004(mm)
LCSD 860-26861/5		10/15/2021 21:22	1	15_Oct_2021 21_22.d	AS-18 0.004(mm)
ZZZZZ		10/15/2021 21:32	1		AS-18 0.004(mm)
ZZZZZ		10/15/2021 21:42	1		AS-18 0.004(mm)
ZZZZZ		10/15/2021 21:53	1		AS-18 0.004(mm)
ZZZZZ		10/15/2021 22:03	10		AS-18 0.004(mm)
ZZZZZ		10/15/2021 22:14	10		AS-18 0.004(mm)
ZZZZZ		10/15/2021 22:24	10		AS-18 0.004(mm)
ZZZZZ		10/15/2021 22:34	10		AS-18 0.004(mm)
CCV 860-26861/13		10/15/2021 22:45	1	15_Oct_2021 22_45.d	AS-18 0.004(mm)
CCB 860-26861/14		10/15/2021 22:55	1	15_Oct_2021 22_55.d	AS-18 0.004(mm)
ZZZZZ		10/15/2021 23:05	1		AS-18 0.004(mm)
860-13548-17	Artesia-MW11-10112021	10/15/2021 23:16	10	15_Oct_2021 23_16.d	AS-18 0.004(mm)
860-13548-18	Artesia-MD11-10112021	10/15/2021 23:26	10	15_Oct_2021 23_26.d	AS-18 0.004(mm)
860-13548-19	Artesia-MW17C-10112021	10/15/2021 23:37	10	15_Oct_2021 23_37.d	AS-18 0.004(mm)
860-13548-20	Artesia-MW12-10112021	10/15/2021 23:47	10	15_Oct_2021 23_47.d	AS-18 0.004(mm)
ZZZZZ		10/15/2021 23:57	1		AS-18 0.004(mm)
ZZZZZ		10/16/2021 00:08	1		AS-18 0.004(mm)
ZZZZZ		10/16/2021 00:18	1		AS-18 0.004(mm)
860-13548-21	Artesia-MW-37-10112021	10/16/2021 00:28	10	16_Oct_2021 00_28.d	AS-18 0.004(mm)
860-13548-23	Artesia-MW36-10122021	10/16/2021 00:39	10	16_Oct_2021 00_39.d	AS-18 0.004(mm)
CCV 860-26861/25		10/16/2021 00:49	1	16_Oct_2021 00_49.d	AS-18 0.004(mm)
CCB 860-26861/26		10/16/2021 01:00	1	16_Oct_2021 01_00.d	AS-18 0.004(mm)
860-13548-24	Artesia-MW38-10122021	10/16/2021 01:10	10	16_Oct_2021 01_10.d	AS-18 0.004(mm)
ZZZZZ		10/16/2021 01:20	1		AS-18 0.004(mm)
ZZZZZ		10/16/2021 01:31	10		AS-18 0.004(mm)
ZZZZZ		10/16/2021 01:41	10		AS-18 0.004(mm)
ZZZZZ		10/16/2021 01:52	1		AS-18 0.004(mm)
ZZZZZ		10/16/2021 02:02	1		AS-18 0.004(mm)
ZZZZZ		10/16/2021 02:12	1		AS-18 0.004(mm)
ZZZZZ		10/16/2021 02:23	10		AS-18 0.004(mm)
ZZZZZ		10/16/2021 02:33	1		AS-18 0.004(mm)
CCV 860-26861/36		10/16/2021 02:43	1	16_Oct_2021 02_43.d	AS-18 0.004(mm)
CCB 860-26861/37		10/16/2021 02:54	1	16_Oct_2021 02_54.d	AS-18 0.004(mm)

300.0

HPLC/IC ANALYSIS RUN LOG

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Instrument ID: A166 Start Date: 10/15/2021 20:40

Analysis Batch Number: 26861 End Date: 10/16/2021 15:03

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
MB 860-26861/38		10/16/2021 03:04	1	16_Oct_2021 03_04.d	AS-18 0.004(mm)
LCS 860-26861/39		10/16/2021 03:15	1	16_Oct_2021 03_15.d	AS-18 0.004(mm)
LCSD 860-26861/40		10/16/2021 03:25	1	16_Oct_2021 03_25.d	AS-18 0.004(mm)
ZZZZZ		10/16/2021 03:35	1		AS-18 0.004(mm)
ZZZZZ		10/16/2021 03:46	1		AS-18 0.004(mm)
ZZZZZ		10/16/2021 03:56	1		AS-18 0.004(mm)
ZZZZZ		10/16/2021 04:06	10		AS-18 0.004(mm)
ZZZZZ		10/16/2021 04:17	10		AS-18 0.004(mm)
ZZZZZ		10/16/2021 04:27	1		AS-18 0.004(mm)
ZZZZZ		10/16/2021 04:38	1		AS-18 0.004(mm)
CCV 860-26861/48		10/16/2021 04:48	1	16_Oct_2021 04_48.d	AS-18 0.004(mm)
CCB 860-26861/49		10/16/2021 04:58	1	16_Oct_2021 04_58.d	AS-18 0.004(mm)
ZZZZZ		10/16/2021 05:09	1		AS-18 0.004(mm)
ZZZZZ		10/16/2021 05:19	1		AS-18 0.004(mm)
ZZZZZ		10/16/2021 05:30	1		AS-18 0.004(mm)
ZZZZZ		10/16/2021 05:40	1		AS-18 0.004(mm)
ZZZZZ		10/16/2021 06:01	1		AS-18 0.004(mm)
ZZZZZ		10/16/2021 06:11	1		AS-18 0.004(mm)
ZZZZZ		10/16/2021 06:21	1		AS-18 0.004(mm)
ZZZZZ		10/16/2021 06:32	1		AS-18 0.004(mm)
ZZZZZ		10/16/2021 06:42	1		AS-18 0.004(mm)
CCV 860-26861/60		10/16/2021 06:53	1	16_Oct_2021 06_53.d	AS-18 0.004(mm)
CCB 860-26861/61		10/16/2021 07:03	1	16_Oct_2021 07_03.d	AS-18 0.004(mm)
ZZZZZ		10/16/2021 07:13	10		AS-18 0.004(mm)
ZZZZZ		10/16/2021 07:24	10		AS-18 0.004(mm)
ZZZZZ		10/16/2021 07:34	10		AS-18 0.004(mm)
ZZZZZ		10/16/2021 07:44	10		AS-18 0.004(mm)
ZZZZZ		10/16/2021 07:55	10		AS-18 0.004(mm)
ZZZZZ		10/16/2021 08:05	1		AS-18 0.004(mm)
ZZZZZ		10/16/2021 08:16	1		AS-18 0.004(mm)
CCV 860-26861/69		10/16/2021 08:26	1	16_Oct_2021 08_26.d	AS-18 0.004(mm)
CCB 860-26861/70		10/16/2021 08:36	1	16_Oct_2021 08_36.d	AS-18 0.004(mm)
ZZZZZ		10/16/2021 09:52	10		AS-18 0.004(mm)
ZZZZZ		10/16/2021 10:02	100		AS-18 0.004(mm)
ZZZZZ		10/16/2021 10:13	10		AS-18 0.004(mm)
ZZZZZ		10/16/2021 10:23	10		AS-18 0.004(mm)
ZZZZZ		10/16/2021 10:33	10		AS-18 0.004(mm)
ZZZZZ		10/16/2021 10:44	10		AS-18 0.004(mm)
860-13548-17	Artesia-MW11-10112021	10/16/2021 10:54	100	16_Oct_2021 10_54.d	AS-18 0.004(mm)
860-13548-18	Artesia-MD11-10112021	10/16/2021 11:05	100	16_Oct_2021 11_05.d	AS-18 0.004(mm)

300.0

HPLC/IC ANALYSIS RUN LOG

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Instrument ID: A166 Start Date: 10/15/2021 20:40

Analysis Batch Number: 26861 End Date: 10/16/2021 15:03

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
860-13548-21	Artesia-MW-37-10112021	10/16/2021 11:15	100	16_Oct_2021 11_15.d	AS-18 0.004(mm)
860-13548-24	Artesia-MW38-10122021	10/16/2021 11:25	100	16_Oct_2021 11_25.d	AS-18 0.004(mm)
CCV 860-26861/77		10/16/2021 11:36	1	16_Oct_2021 11_36.d	AS-18 0.004(mm)
CCB 860-26861/78		10/16/2021 11:46	1	16_Oct_2021 11_46.d	AS-18 0.004(mm)
ZZZZZ		10/16/2021 11:56	1		AS-18 0.004(mm)
ZZZZZ		10/16/2021 12:07	1		AS-18 0.004(mm)
ZZZZZ		10/16/2021 12:17	1		AS-18 0.004(mm)
ZZZZZ		10/16/2021 12:28	1		AS-18 0.004(mm)
ZZZZZ		10/16/2021 12:38	1		AS-18 0.004(mm)
ZZZZZ		10/16/2021 12:48	1		AS-18 0.004(mm)
ZZZZZ		10/16/2021 12:59	10		AS-18 0.004(mm)
ZZZZZ		10/16/2021 13:09	100		AS-18 0.004(mm)
ZZZZZ		10/16/2021 13:19	10		AS-18 0.004(mm)
ZZZZZ		10/16/2021 13:30	100		AS-18 0.004(mm)
CCV 860-26861/89		10/16/2021 13:40	1		AS-18 0.004(mm)
CCB 860-26861/90		10/16/2021 13:51	1		AS-18 0.004(mm)
ZZZZZ		10/16/2021 14:01	10		AS-18 0.004(mm)
ZZZZZ		10/16/2021 14:11	100		AS-18 0.004(mm)
ZZZZZ		10/16/2021 14:22	10		AS-18 0.004(mm)
ZZZZZ		10/16/2021 14:32	100		AS-18 0.004(mm)
ZZZZZ		10/16/2021 14:42	10		AS-18 0.004(mm)
CCV 860-26861/95		10/16/2021 14:53	1		AS-18 0.004(mm)
CCB 860-26861/96		10/16/2021 15:03	1		AS-18 0.004(mm)

300.0

HPLC/IC ANALYSIS RUN LOG

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Instrument ID: A166 Start Date: 10/19/2021 10:54

Analysis Batch Number: 27096 End Date: 10/20/2021 05:33

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVRT 860-27096/1		10/19/2021 10:54	1	19_Oct_2021 10_54.d	AS-18 0.004(mm)
CCB 860-27096/2		10/19/2021 11:04	1		AS-18 0.004(mm)
ZZZZZ		10/19/2021 11:15	1		AS-18 0.004(mm)
ZZZZZ		10/19/2021 11:25	1		AS-18 0.004(mm)
ZZZZZ		10/19/2021 11:36	1		AS-18 0.004(mm)
ZZZZZ		10/19/2021 12:24	1		AS-18 0.004(mm)
ZZZZZ		10/19/2021 12:34	1		AS-18 0.004(mm)
ZZZZZ		10/19/2021 12:45	1		AS-18 0.004(mm)
CCV 860-27096/9		10/19/2021 12:55	1		AS-18 0.004(mm)
CCB 860-27096/10		10/19/2021 13:06	1		AS-18 0.004(mm)
ZZZZZ		10/19/2021 13:16	1		AS-18 0.004(mm)
ZZZZZ		10/19/2021 13:26	1		AS-18 0.004(mm)
ZZZZZ		10/19/2021 13:37	1		AS-18 0.004(mm)
ZZZZZ		10/19/2021 13:47	1		AS-18 0.004(mm)
ZZZZZ		10/19/2021 13:58	1		AS-18 0.004(mm)
ZZZZZ		10/19/2021 14:08	1		AS-18 0.004(mm)
ZZZZZ		10/19/2021 14:19	1		AS-18 0.004(mm)
ZZZZZ		10/19/2021 14:29	1		AS-18 0.004(mm)
ZZZZZ		10/19/2021 14:39	1		AS-18 0.004(mm)
CCV 860-27096/20		10/19/2021 14:50	1		AS-18 0.004(mm)
CCB 860-27096/21		10/19/2021 15:00	1		AS-18 0.004(mm)
ZZZZZ		10/19/2021 15:10	1		AS-18 0.004(mm)
ZZZZZ		10/19/2021 15:21	1		AS-18 0.004(mm)
ZZZZZ		10/19/2021 15:31	1		AS-18 0.004(mm)
CCV 860-27096/48		10/19/2021 15:52	1		AS-18 0.004(mm)
CCB 860-27096/49		10/19/2021 16:02	1		AS-18 0.004(mm)
ZZZZZ		10/19/2021 16:13	1		AS-18 0.004(mm)
ZZZZZ		10/19/2021 16:23	10		AS-18 0.004(mm)
ZZZZZ		10/19/2021 16:33	1		AS-18 0.004(mm)
ZZZZZ		10/19/2021 16:44	10		AS-18 0.004(mm)
ZZZZZ		10/19/2021 16:54	1		AS-18 0.004(mm)
ZZZZZ		10/19/2021 17:05	10		AS-18 0.004(mm)
CCV 860-27096/32		10/19/2021 17:15	1		AS-18 0.004(mm)
CCB 860-27096/33		10/19/2021 17:27	1		AS-18 0.004(mm)
ZZZZZ		10/19/2021 17:37	1		AS-18 0.004(mm)
ZZZZZ		10/19/2021 17:47	1		AS-18 0.004(mm)
ZZZZZ		10/19/2021 17:58	1		AS-18 0.004(mm)
ZZZZZ		10/19/2021 18:08	1		AS-18 0.004(mm)
ZZZZZ		10/19/2021 18:18	1		AS-18 0.004(mm)
ZZZZZ		10/19/2021 18:29	1		AS-18 0.004(mm)
ZZZZZ		10/19/2021 18:39	1		AS-18 0.004(mm)
ZZZZZ		10/19/2021 18:50	1		AS-18 0.004(mm)
CCV 860-27096/44		10/19/2021 19:21	1		AS-18 0.004(mm)
CCB 860-27096/45		10/19/2021 19:31	1		AS-18 0.004(mm)

300.0

HPLC/IC ANALYSIS RUN LOG

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Instrument ID: A166 Start Date: 10/19/2021 10:54

Analysis Batch Number: 27096 End Date: 10/20/2021 05:33

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		10/19/2021 20:02	20		AS-18 0.004(mm)
ZZZZZ		10/19/2021 20:13	50		AS-18 0.004(mm)
ZZZZZ		10/19/2021 20:23	1		AS-18 0.004(mm)
CCV 860-27096/53		10/19/2021 20:33	1	19_Oct_2021 20_33.d	AS-18 0.004(mm)
CCB 860-27096/54		10/19/2021 20:44	1	19_Oct_2021 20_44.d	AS-18 0.004(mm)
MB 860-27096/55		10/19/2021 20:54	1	19_Oct_2021 20_54.d	AS-18 0.004(mm)
LCS 860-27096/56		10/19/2021 21:04	1	19_Oct_2021 21_04.d	AS-18 0.004(mm)
LCSD 860-27096/57		10/19/2021 21:15	1	19_Oct_2021 21_15.d	AS-18 0.004(mm)
ZZZZZ		10/19/2021 21:25	1		AS-18 0.004(mm)
ZZZZZ		10/19/2021 21:36	1		AS-18 0.004(mm)
ZZZZZ		10/19/2021 21:46	1		AS-18 0.004(mm)
CCV 860-27096/65		10/19/2021 22:38	1	19_Oct_2021 22_38.d	AS-18 0.004(mm)
CCB 860-27096/66		10/19/2021 22:48	1	19_Oct_2021 22_48.d	AS-18 0.004(mm)
ZZZZZ		10/19/2021 23:40	1		AS-18 0.004(mm)
ZZZZZ		10/19/2021 23:50	10		AS-18 0.004(mm)
860-13548-23	Artesia-MW36-10122021	10/20/2021 00:11	1	20_Oct_2021 00_11.d	AS-18 0.004(mm)
ZZZZZ		10/20/2021 00:22	1		AS-18 0.004(mm)
ZZZZZ		10/20/2021 00:32	1		AS-18 0.004(mm)
CCV 860-27096/77		10/20/2021 00:42	1		AS-18 0.004(mm)
CCB 860-27096/78		10/20/2021 00:53	1		AS-18 0.004(mm)
ZZZZZ		10/20/2021 01:03	10		AS-18 0.004(mm)
ZZZZZ		10/20/2021 01:13	100		AS-18 0.004(mm)
ZZZZZ		10/20/2021 01:24	1		AS-18 0.004(mm)
ZZZZZ		10/20/2021 01:34	10		AS-18 0.004(mm)
ZZZZZ		10/20/2021 01:45	1		AS-18 0.004(mm)
ZZZZZ		10/20/2021 01:55	10		AS-18 0.004(mm)
ZZZZZ		10/20/2021 02:05	1		AS-18 0.004(mm)
ZZZZZ		10/20/2021 02:16	10		AS-18 0.004(mm)
ZZZZZ		10/20/2021 02:26	1		AS-18 0.004(mm)
ZZZZZ		10/20/2021 02:36	10		AS-18 0.004(mm)
CCV 860-27096/89		10/20/2021 02:47	1		AS-18 0.004(mm)
CCB 860-27096/90		10/20/2021 02:57	1		AS-18 0.004(mm)
ZZZZZ		10/20/2021 03:08	1		AS-18 0.004(mm)
ZZZZZ		10/20/2021 03:18	10		AS-18 0.004(mm)
ZZZZZ		10/20/2021 03:49	1		AS-18 0.004(mm)
ZZZZZ		10/20/2021 03:59	1		AS-18 0.004(mm)
ZZZZZ		10/20/2021 04:10	1		AS-18 0.004(mm)
ZZZZZ		10/20/2021 04:20	10		AS-18 0.004(mm)
ZZZZZ		10/20/2021 04:31	1		AS-18 0.004(mm)
ZZZZZ		10/20/2021 04:41	10		AS-18 0.004(mm)
CCV 860-27096/101		10/20/2021 04:51	1		AS-18 0.004(mm)

300.0

HPLC/IC ANALYSIS RUN LOG

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Instrument ID: A166 Start Date: 10/19/2021 10:54

Analysis Batch Number: 27096 End Date: 10/20/2021 05:33

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCB 860-27096/102		10/20/2021 05:02	1		AS-18 0.004(mm)
ZZZZZ		10/20/2021 05:12	1		AS-18 0.004(mm)
CCV 860-27096/104		10/20/2021 05:22	1		AS-18 0.004(mm)
CCB 860-27096/105		10/20/2021 05:33	1		AS-18 0.004(mm)

300.0

HPLC/IC ANALYSIS RUN LOG

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Instrument ID: A166 Start Date: 10/19/2021 10:54

Analysis Batch Number: 27097 End Date: 10/20/2021 05:33

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVRT 860-27097/1		10/19/2021 10:54	1	19_Oct_2021 10_54.d	AS-18 0.004(mm)
CCB 860-27097/2		10/19/2021 11:04	1		AS-18 0.004(mm)
ZZZZZ		10/19/2021 11:15	1		AS-18 0.004(mm)
ZZZZZ		10/19/2021 11:25	1		AS-18 0.004(mm)
ZZZZZ		10/19/2021 11:36	1		AS-18 0.004(mm)
ZZZZZ		10/19/2021 12:24	1		AS-18 0.004(mm)
ZZZZZ		10/19/2021 12:34	1		AS-18 0.004(mm)
ZZZZZ		10/19/2021 12:45	1		AS-18 0.004(mm)
CCV 860-27097/9		10/19/2021 12:55	1		AS-18 0.004(mm)
CCB 860-27097/10		10/19/2021 13:06	1		AS-18 0.004(mm)
ZZZZZ		10/19/2021 13:16	1		AS-18 0.004(mm)
ZZZZZ		10/19/2021 13:26	1		AS-18 0.004(mm)
ZZZZZ		10/19/2021 13:37	1		AS-18 0.004(mm)
ZZZZZ		10/19/2021 13:47	1		AS-18 0.004(mm)
ZZZZZ		10/19/2021 13:58	1		AS-18 0.004(mm)
ZZZZZ		10/19/2021 14:08	1		AS-18 0.004(mm)
CCV 860-27097/20		10/19/2021 14:50	1		AS-18 0.004(mm)
CCB 860-27097/21		10/19/2021 15:00	1		AS-18 0.004(mm)
ZZZZZ		10/19/2021 15:10	1		AS-18 0.004(mm)
ZZZZZ		10/19/2021 15:21	1		AS-18 0.004(mm)
ZZZZZ		10/19/2021 15:31	1		AS-18 0.004(mm)
ZZZZZ		10/19/2021 15:42	1		AS-18 0.004(mm)
CCV 860-27097/48		10/19/2021 15:52	1		AS-18 0.004(mm)
CCB 860-27097/49		10/19/2021 16:02	1		AS-18 0.004(mm)
CCV 860-27097/32		10/19/2021 17:15	1		AS-18 0.004(mm)
CCB 860-27097/33		10/19/2021 17:27	1		AS-18 0.004(mm)
ZZZZZ		10/19/2021 17:37	1		AS-18 0.004(mm)
ZZZZZ		10/19/2021 17:47	1		AS-18 0.004(mm)
ZZZZZ		10/19/2021 17:58	1		AS-18 0.004(mm)
ZZZZZ		10/19/2021 18:08	1		AS-18 0.004(mm)
ZZZZZ		10/19/2021 18:18	1		AS-18 0.004(mm)
ZZZZZ		10/19/2021 18:29	1		AS-18 0.004(mm)
ZZZZZ		10/19/2021 18:39	1		AS-18 0.004(mm)
ZZZZZ		10/19/2021 18:50	1		AS-18 0.004(mm)
ZZZZZ		10/19/2021 19:00	1		AS-18 0.004(mm)
ZZZZZ		10/19/2021 19:10	1		AS-18 0.004(mm)
CCV 860-27097/44		10/19/2021 19:21	1		AS-18 0.004(mm)
CCB 860-27097/45		10/19/2021 19:31	1		AS-18 0.004(mm)
ZZZZZ		10/19/2021 19:41	1		AS-18 0.004(mm)
ZZZZZ		10/19/2021 19:52	1		AS-18 0.004(mm)
ZZZZZ		10/19/2021 20:02	20		AS-18 0.004(mm)
ZZZZZ		10/19/2021 20:13	50		AS-18 0.004(mm)
ZZZZZ		10/19/2021 20:23	1		AS-18 0.004(mm)
CCV 860-27097/53		10/19/2021 20:33	1		AS-18 0.004(mm)

300.0

HPLC/IC ANALYSIS RUN LOG

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Instrument ID: A166 Start Date: 10/19/2021 10:54

Analysis Batch Number: 27097 End Date: 10/20/2021 05:33

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCB 860-27097/54		10/19/2021 20:44	1		AS-18 0.004(mm)
MB 860-27097/55		10/19/2021 20:54	1	19_Oct_2021 20_54.d	AS-18 0.004(mm)
LCS 860-27097/56		10/19/2021 21:04	1	19_Oct_2021 21_04.d	AS-18 0.004(mm)
LCSD 860-27097/57		10/19/2021 21:15	1	19_Oct_2021 21_15.d	AS-18 0.004(mm)
ZZZZZ		10/19/2021 21:25	1		AS-18 0.004(mm)
ZZZZZ		10/19/2021 21:36	1		AS-18 0.004(mm)
ZZZZZ		10/19/2021 21:46	1		AS-18 0.004(mm)
ZZZZZ		10/19/2021 21:56	1		AS-18 0.004(mm)
ZZZZZ		10/19/2021 22:07	10		AS-18 0.004(mm)
ZZZZZ		10/19/2021 22:17	1		AS-18 0.004(mm)
ZZZZZ		10/19/2021 22:27	10		AS-18 0.004(mm)
CCV 860-27097/65		10/19/2021 22:38	1	19_Oct_2021 22_38.d	AS-18 0.004(mm)
CCB 860-27097/66		10/19/2021 22:48	1	19_Oct_2021 22_48.d	AS-18 0.004(mm)
ZZZZZ		10/19/2021 22:59	1		AS-18 0.004(mm)
ZZZZZ		10/19/2021 23:09	10		AS-18 0.004(mm)
ZZZZZ		10/19/2021 23:19	1		AS-18 0.004(mm)
ZZZZZ		10/19/2021 23:30	10		AS-18 0.004(mm)
ZZZZZ		10/20/2021 00:01	1000		AS-18 0.004(mm)
860-13548-23	Artesia-MW36-10122021	10/20/2021 00:11	1	20_Oct_2021 00_11.d	AS-18 0.004(mm)
860-13548-23 MS	Artesia-MW36-10122021 MS	10/20/2021 00:22	1	20_Oct_2021 00_22.d	AS-18 0.004(mm)
860-13548-23 MSD	Artesia-MW36-10122021 MSD	10/20/2021 00:32	1	20_Oct_2021 00_32.d	AS-18 0.004(mm)
CCV 860-27097/77		10/20/2021 00:42	1		AS-18 0.004(mm)
CCB 860-27097/78		10/20/2021 00:53	1		AS-18 0.004(mm)
CCV 860-27097/89		10/20/2021 02:47	1		AS-18 0.004(mm)
CCB 860-27097/90		10/20/2021 02:57	1		AS-18 0.004(mm)
ZZZZZ		10/20/2021 03:28	1		AS-18 0.004(mm)
ZZZZZ		10/20/2021 03:39	10		AS-18 0.004(mm)
CCV 860-27097/101		10/20/2021 04:51	1		AS-18 0.004(mm)
CCB 860-27097/102		10/20/2021 05:02	1		AS-18 0.004(mm)
CCV 860-27097/104		10/20/2021 05:22	1		AS-18 0.004(mm)
CCB 860-27097/105		10/20/2021 05:33	1		AS-18 0.004(mm)

300.0

HPLC/IC ANALYSIS RUN LOG

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Instrument ID: A166 Start Date: 10/20/2021 19:38

Analysis Batch Number: 27436 End Date: 10/21/2021 11:20

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
IC 860-27436/1		10/20/2021 19:38	1	20_Oct_2021 19_38.d	AS-18 0.004(mm)
IC 860-27436/2		10/20/2021 19:49	1	20_Oct_2021 19_49.d	AS-18 0.004(mm)
IC 860-27436/3		10/20/2021 19:59	1	20_Oct_2021 19_59.d	AS-18 0.004(mm)
IC 860-27436/4		10/20/2021 20:09	1	20_Oct_2021 20_09.d	AS-18 0.004(mm)
IC 860-27436/5		10/20/2021 20:20	1	20_Oct_2021 20_20.d	AS-18 0.004(mm)
ICRT 860-27436/6		10/20/2021 20:30	1	20_Oct_2021 20_30.d	AS-18 0.004(mm)
IC 860-27436/7		10/20/2021 20:41	1	20_Oct_2021 20_41.d	AS-18 0.004(mm)
IC 860-27436/8		10/20/2021 20:51	1	20_Oct_2021 20_51.d	AS-18 0.004(mm)
IC 860-27436/9		10/20/2021 21:01	1	20_Oct_2021 21_01.d	AS-18 0.004(mm)
IC 860-27436/10		10/20/2021 21:12	1	20_Oct_2021 21_12.d	AS-18 0.004(mm)
ICV 860-27436/11		10/20/2021 22:14	1		AS-18 0.004(mm)
ICB 860-27436/12		10/20/2021 22:24	1		AS-18 0.004(mm)
ZZZZZ		10/20/2021 22:39	1		AS-18 0.004(mm)
ZZZZZ		10/20/2021 22:49	1		AS-18 0.004(mm)
ZZZZZ		10/20/2021 23:00	1		AS-18 0.004(mm)
ZZZZZ		10/20/2021 23:10	1		AS-18 0.004(mm)
ZZZZZ		10/20/2021 23:21	1		AS-18 0.004(mm)
ZZZZZ		10/20/2021 23:31	1		AS-18 0.004(mm)
ZZZZZ		10/20/2021 23:41	1		AS-18 0.004(mm)
ZZZZZ		10/20/2021 23:52	1		AS-18 0.004(mm)
ZZZZZ		10/21/2021 00:02	1		AS-18 0.004(mm)
ZZZZZ		10/21/2021 00:12	1		AS-18 0.004(mm)
CCV 860-27436/23		10/21/2021 00:23	1		AS-18 0.004(mm)
CCB 860-27436/24		10/21/2021 00:33	1		AS-18 0.004(mm)
ZZZZZ		10/21/2021 00:44	1		AS-18 0.004(mm)
ZZZZZ		10/21/2021 00:54	1		AS-18 0.004(mm)
ZZZZZ		10/21/2021 01:04	1		AS-18 0.004(mm)
ZZZZZ		10/21/2021 01:15	1		AS-18 0.004(mm)
ZZZZZ		10/21/2021 01:25	1		AS-18 0.004(mm)
ZZZZZ		10/21/2021 01:35	1		AS-18 0.004(mm)
ZZZZZ		10/21/2021 01:46	1		AS-18 0.004(mm)
ZZZZZ		10/21/2021 01:56	1		AS-18 0.004(mm)
ZZZZZ		10/21/2021 02:07	1		AS-18 0.004(mm)
ZZZZZ		10/21/2021 02:17	1		AS-18 0.004(mm)
CCV 860-27436/35		10/21/2021 02:27	1		AS-18 0.004(mm)
CCB 860-27436/36		10/21/2021 02:38	1		AS-18 0.004(mm)
ZZZZZ		10/21/2021 02:48	10		AS-18 0.004(mm)
ZZZZZ		10/21/2021 02:58	1		AS-18 0.004(mm)
ZZZZZ		10/21/2021 03:09	10		AS-18 0.004(mm)
ZZZZZ		10/21/2021 03:19	1		AS-18 0.004(mm)
ZZZZZ		10/21/2021 03:29	10		AS-18 0.004(mm)

300.0

HPLC/IC ANALYSIS RUN LOG

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Instrument ID: A166 Start Date: 10/20/2021 19:38

Analysis Batch Number: 27436 End Date: 10/21/2021 11:20

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		10/21/2021 03:40	1		AS-18 0.004(mm)
ZZZZZ		10/21/2021 03:50	10		AS-18 0.004(mm)
ZZZZZ		10/21/2021 04:01	1		AS-18 0.004(mm)
ZZZZZ		10/21/2021 04:11	10		AS-18 0.004(mm)
ZZZZZ		10/21/2021 04:21	1		AS-18 0.004(mm)
CCV 860-27436/47		10/21/2021 04:32	1		AS-18 0.004(mm)
CCB 860-27436/48		10/21/2021 04:42	1		AS-18 0.004(mm)
ZZZZZ		10/21/2021 04:52	10		AS-18 0.004(mm)
ZZZZZ		10/21/2021 05:03	1		AS-18 0.004(mm)
ZZZZZ		10/21/2021 05:13	10		AS-18 0.004(mm)
CCV 860-27436/52		10/21/2021 05:24	1		AS-18 0.004(mm)
CCB 860-27436/53		10/21/2021 05:34	1		AS-18 0.004(mm)
ZZZZZ		10/21/2021 05:44	1		AS-18 0.004(mm)
ZZZZZ		10/21/2021 05:55	1		AS-18 0.004(mm)
ZZZZZ		10/21/2021 06:05	1		AS-18 0.004(mm)
ZZZZZ		10/21/2021 06:15	1		AS-18 0.004(mm)
ZZZZZ		10/21/2021 06:26	1		AS-18 0.004(mm)
ZZZZZ		10/21/2021 06:36	1		AS-18 0.004(mm)
ZZZZZ		10/21/2021 06:47	10		AS-18 0.004(mm)
ZZZZZ		10/21/2021 06:57	1		AS-18 0.004(mm)
ZZZZZ		10/21/2021 07:07	10		AS-18 0.004(mm)
ZZZZZ		10/21/2021 07:18	1		AS-18 0.004(mm)
CCV 860-27436/64		10/21/2021 07:28	1		AS-18 0.004(mm)
CCB 860-27436/65		10/21/2021 07:39	1		AS-18 0.004(mm)
ZZZZZ		10/21/2021 07:49	10		AS-18 0.004(mm)
ZZZZZ		10/21/2021 07:59	1		AS-18 0.004(mm)
ZZZZZ		10/21/2021 08:10	10		AS-18 0.004(mm)
ZZZZZ		10/21/2021 08:20	1		AS-18 0.004(mm)
ZZZZZ		10/21/2021 08:30	10		AS-18 0.004(mm)
ZZZZZ		10/21/2021 08:41	1		AS-18 0.004(mm)
ZZZZZ		10/21/2021 08:51	10		AS-18 0.004(mm)
ZZZZZ		10/21/2021 09:01	1		AS-18 0.004(mm)
ZZZZZ		10/21/2021 09:12	10		AS-18 0.004(mm)
ZZZZZ		10/21/2021 09:22	1		AS-18 0.004(mm)
CCV 860-27436/76		10/21/2021 09:33	1		AS-18 0.004(mm)
CCB 860-27436/77		10/21/2021 09:43	1		AS-18 0.004(mm)
ZZZZZ		10/21/2021 09:53	10		AS-18 0.004(mm)
ZZZZZ		10/21/2021 10:04	200		AS-18 0.004(mm)
ZZZZZ		10/21/2021 10:14	500		AS-18 0.004(mm)
CCV 860-27436/81		10/21/2021 10:25	1		AS-18 0.004(mm)
CCB 860-27436/82		10/21/2021 10:35	1		AS-18 0.004(mm)
ZZZZZ		10/21/2021 10:59	1		AS-18 0.004(mm)
CCV 860-27436/84		10/21/2021 11:10	1		AS-18 0.004(mm)
CCB 860-27436/85		10/21/2021 11:20	1		AS-18 0.004(mm)

300.0

HPLC/IC ANALYSIS RUN LOG

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Instrument ID: A166 Start Date: 10/21/2021 16:58

Analysis Batch Number: 27602 End Date: 10/22/2021 08:22

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVRT 860-27602/1		10/21/2021 16:58	1	21_Oct_2021 16_58.d	AS-18 0.004(mm)
CCB 860-27602/2		10/21/2021 17:09	1	21_Oct_2021 17_09.d	AS-18 0.004(mm)
MB 860-27602/3		10/21/2021 17:19	1	21_Oct_2021 17_19.d	AS-18 0.004(mm)
LCS 860-27602/4		10/21/2021 17:29	1	21_Oct_2021 17_29.d	AS-18 0.004(mm)
LCSD 860-27602/5		10/21/2021 17:40	1	21_Oct_2021 17_40.d	AS-18 0.004(mm)
860-13548-23	Artesia-MW36-10122021	10/21/2021 17:50	10	21_Oct_2021 17_50.d	AS-18 0.004(mm)
860-13548-23 MS	Artesia-MW36-10122021 MS	10/21/2021 18:01	10	21_Oct_2021 18_01.d	AS-18 0.004(mm)
860-13548-23 MSD	Artesia-MW36-10122021 MSD	10/21/2021 18:11	10	21_Oct_2021 18_11.d	AS-18 0.004(mm)
ZZZZZ		10/21/2021 18:21	100		AS-18 0.004(mm)
ZZZZZ		10/21/2021 18:32	200		AS-18 0.004(mm)
ZZZZZ		10/21/2021 18:42	20		AS-18 0.004(mm)
ZZZZZ		10/21/2021 18:52	100		AS-18 0.004(mm)
CCV 860-27602/13		10/21/2021 19:03	1	21_Oct_2021 19_03.d	AS-18 0.004(mm)
CCB 860-27602/14		10/21/2021 19:13	1	21_Oct_2021 19_13.d	AS-18 0.004(mm)
ZZZZZ		10/21/2021 19:24	20		AS-18 0.004(mm)
ZZZZZ		10/21/2021 19:34	100		AS-18 0.004(mm)
ZZZZZ		10/21/2021 19:44	20		AS-18 0.004(mm)
ZZZZZ		10/21/2021 19:55	100		AS-18 0.004(mm)
ZZZZZ		10/21/2021 20:05	20		AS-18 0.004(mm)
ZZZZZ		10/21/2021 20:15	100		AS-18 0.004(mm)
ZZZZZ		10/21/2021 20:26	20		AS-18 0.004(mm)
ZZZZZ		10/21/2021 20:36	100		AS-18 0.004(mm)
CCV 860-27602/23		10/21/2021 20:47	1		AS-18 0.004(mm)
CCB 860-27602/24		10/21/2021 20:57	1		AS-18 0.004(mm)
ZZZZZ		10/21/2021 21:07	1		AS-18 0.004(mm)
ZZZZZ		10/21/2021 21:18	1		AS-18 0.004(mm)
ZZZZZ		10/21/2021 21:28	1		AS-18 0.004(mm)
ZZZZZ		10/21/2021 21:38	1		AS-18 0.004(mm)
ZZZZZ		10/21/2021 21:49	1		AS-18 0.004(mm)
ZZZZZ		10/21/2021 21:59	1		AS-18 0.004(mm)
ZZZZZ		10/21/2021 22:30	1		AS-18 0.004(mm)
ZZZZZ		10/21/2021 22:41	1		AS-18 0.004(mm)
CCV 860-27602/35		10/21/2021 22:51	1		AS-18 0.004(mm)
CCB 860-27602/36		10/21/2021 23:01	1		AS-18 0.004(mm)
ZZZZZ		10/21/2021 23:12	1		AS-18 0.004(mm)
ZZZZZ		10/21/2021 23:22	1		AS-18 0.004(mm)
ZZZZZ		10/21/2021 23:33	1		AS-18 0.004(mm)
ZZZZZ		10/21/2021 23:43	1		AS-18 0.004(mm)
ZZZZZ		10/21/2021 23:53	1		AS-18 0.004(mm)
ZZZZZ		10/22/2021 00:04	1		AS-18 0.004(mm)
ZZZZZ		10/22/2021 00:15	1		AS-18 0.004(mm)

300.0

HPLC/IC ANALYSIS RUN LOG

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Instrument ID: A166 Start Date: 10/21/2021 16:58

Analysis Batch Number: 27602 End Date: 10/22/2021 08:22

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		10/22/2021 00:25	1		AS-18 0.004(mm)
ZZZZZ		10/22/2021 00:36	1		AS-18 0.004(mm)
ZZZZZ		10/22/2021 00:46	1		AS-18 0.004(mm)
CCV 860-27602/47		10/22/2021 00:56	1		AS-18 0.004(mm)
CCB 860-27602/48		10/22/2021 01:07	1		AS-18 0.004(mm)
ZZZZZ		10/22/2021 01:17	1		AS-18 0.004(mm)
ZZZZZ		10/22/2021 01:27	1		AS-18 0.004(mm)
ZZZZZ		10/22/2021 01:38	1		AS-18 0.004(mm)
ZZZZZ		10/22/2021 01:48	1		AS-18 0.004(mm)
ZZZZZ		10/22/2021 01:58	1		AS-18 0.004(mm)
ZZZZZ		10/22/2021 02:09	1		AS-18 0.004(mm)
ZZZZZ		10/22/2021 02:19	1		AS-18 0.004(mm)
ZZZZZ		10/22/2021 02:30	1		AS-18 0.004(mm)
ZZZZZ		10/22/2021 02:40	1		AS-18 0.004(mm)
CCV 860-27602/58		10/22/2021 02:50	1		AS-18 0.004(mm)
CCB 860-27602/59		10/22/2021 03:01	1		AS-18 0.004(mm)
ZZZZZ		10/22/2021 03:11	1		AS-18 0.004(mm)
ZZZZZ		10/22/2021 03:22	1		AS-18 0.004(mm)
ZZZZZ		10/22/2021 03:32	1		AS-18 0.004(mm)
ZZZZZ		10/22/2021 03:42	1		AS-18 0.004(mm)
ZZZZZ		10/22/2021 03:53	1		AS-18 0.004(mm)
ZZZZZ		10/22/2021 04:03	1		AS-18 0.004(mm)
ZZZZZ		10/22/2021 04:13	1		AS-18 0.004(mm)
ZZZZZ		10/22/2021 04:24	1		AS-18 0.004(mm)
ZZZZZ		10/22/2021 04:34	1		AS-18 0.004(mm)
ZZZZZ		10/22/2021 04:45	1		AS-18 0.004(mm)
CCV 860-27602/70		10/22/2021 04:55	1		AS-18 0.004(mm)
CCB 860-27602/71		10/22/2021 05:05	1		AS-18 0.004(mm)
ZZZZZ		10/22/2021 05:16	1		AS-18 0.004(mm)
ZZZZZ		10/22/2021 05:26	1		AS-18 0.004(mm)
ZZZZZ		10/22/2021 05:37	1		AS-18 0.004(mm)
ZZZZZ		10/22/2021 05:47	1		AS-18 0.004(mm)
ZZZZZ		10/22/2021 05:57	1		AS-18 0.004(mm)
ZZZZZ		10/22/2021 06:08	1		AS-18 0.004(mm)
ZZZZZ		10/22/2021 06:18	1		AS-18 0.004(mm)
ZZZZZ		10/22/2021 06:28	1		AS-18 0.004(mm)
ZZZZZ		10/22/2021 06:39	1		AS-18 0.004(mm)
ZZZZZ		10/22/2021 06:49	1		AS-18 0.004(mm)
CCV 860-27602/82		10/22/2021 07:00	1		AS-18 0.004(mm)
CCB 860-27602/83		10/22/2021 07:10	1		AS-18 0.004(mm)
ZZZZZ		10/22/2021 07:20	1		AS-18 0.004(mm)
ZZZZZ		10/22/2021 07:31	1		AS-18 0.004(mm)
ZZZZZ		10/22/2021 07:41	1		AS-18 0.004(mm)
ZZZZZ		10/22/2021 07:51	1		AS-18 0.004(mm)
ZZZZZ		10/22/2021 08:02	1		AS-18 0.004(mm)

300.0

HPLC/IC ANALYSIS RUN LOG

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Instrument ID: A166 Start Date: 10/21/2021 16:58

Analysis Batch Number: 27602 End Date: 10/22/2021 08:22

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 860-27602/89		10/22/2021 08:12	1		AS-18 0.004(mm)
CCB 860-27602/90		10/22/2021 08:22	1		AS-18 0.004(mm)

300.0

HPLC/IC ANALYSIS RUN LOG

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Instrument ID: A166 Start Date: 10/21/2021 16:58

Analysis Batch Number: 27603 End Date: 10/22/2021 08:22

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVRT 860-27603/1		10/21/2021 16:58	1		AS-18 0.004(mm)
CCB 860-27603/2		10/21/2021 17:09	1		AS-18 0.004(mm)
MB 860-27603/3		10/21/2021 17:19	1	21_Oct_2021 17_19.d	AS-18 0.004(mm)
LCS 860-27603/4		10/21/2021 17:29	1	21_Oct_2021 17_29.d	AS-18 0.004(mm)
LCSD 860-27603/5		10/21/2021 17:40	1	21_Oct_2021 17_40.d	AS-18 0.004(mm)
ZZZZZ		10/21/2021 17:50	10		AS-18 0.004(mm)
860-13548-23 MS	Artesia-MW36-10122021 MS	10/21/2021 18:01	10	21_Oct_2021 18_01.d	AS-18 0.004(mm)
860-13548-23 MSD	Artesia-MW36-10122021 MSD	10/21/2021 18:11	10	21_Oct_2021 18_11.d	AS-18 0.004(mm)
CCV 860-27603/13		10/21/2021 19:03	1		AS-18 0.004(mm)
CCB 860-27603/14		10/21/2021 19:13	1		AS-18 0.004(mm)
CCV 860-27603/23		10/21/2021 20:47	1		AS-18 0.004(mm)
CCB 860-27603/24		10/21/2021 20:57	1		AS-18 0.004(mm)
ZZZZZ		10/21/2021 21:07	1		AS-18 0.004(mm)
ZZZZZ		10/21/2021 21:18	1		AS-18 0.004(mm)
ZZZZZ		10/21/2021 21:28	1		AS-18 0.004(mm)
ZZZZZ		10/21/2021 21:38	1		AS-18 0.004(mm)
ZZZZZ		10/21/2021 21:49	1		AS-18 0.004(mm)
ZZZZZ		10/21/2021 21:59	1		AS-18 0.004(mm)
ZZZZZ		10/21/2021 22:10	10		AS-18 0.004(mm)
ZZZZZ		10/21/2021 22:20	100		AS-18 0.004(mm)
CCV 860-27603/35		10/21/2021 22:51	1		AS-18 0.004(mm)
CCB 860-27603/36		10/21/2021 23:01	1		AS-18 0.004(mm)
ZZZZZ		10/22/2021 00:25	1		AS-18 0.004(mm)
ZZZZZ		10/22/2021 00:36	1		AS-18 0.004(mm)
ZZZZZ		10/22/2021 00:46	1		AS-18 0.004(mm)
CCV 860-27603/47		10/22/2021 00:56	1		AS-18 0.004(mm)
CCB 860-27603/48		10/22/2021 01:07	1		AS-18 0.004(mm)
CCV 860-27603/58		10/22/2021 02:50	1		AS-18 0.004(mm)
CCB 860-27603/59		10/22/2021 03:01	1		AS-18 0.004(mm)
ZZZZZ		10/22/2021 03:11	1		AS-18 0.004(mm)
ZZZZZ		10/22/2021 03:22	1		AS-18 0.004(mm)
ZZZZZ		10/22/2021 03:32	1		AS-18 0.004(mm)
ZZZZZ		10/22/2021 03:42	1		AS-18 0.004(mm)
ZZZZZ		10/22/2021 03:53	1		AS-18 0.004(mm)
ZZZZZ		10/22/2021 04:03	1		AS-18 0.004(mm)
CCV 860-27603/70		10/22/2021 04:55	1		AS-18 0.004(mm)
CCB 860-27603/71		10/22/2021 05:05	1		AS-18 0.004(mm)
ZZZZZ		10/22/2021 06:08	1		AS-18 0.004(mm)
ZZZZZ		10/22/2021 06:18	1		AS-18 0.004(mm)
ZZZZZ		10/22/2021 06:28	1		AS-18 0.004(mm)
CCV 860-27603/82		10/22/2021 07:00	1		AS-18 0.004(mm)
CCB 860-27603/83		10/22/2021 07:10	1		AS-18 0.004(mm)
CCV 860-27603/89		10/22/2021 08:12	1		AS-18 0.004(mm)

300.0

HPLC/IC ANALYSIS RUN LOG

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Instrument ID: A166 Start Date: 10/21/2021 16:58

Analysis Batch Number: 27603 End Date: 10/22/2021 08:22

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCB 860-27603/90		10/22/2021 08:22	1		AS-18 0.004(mm)

300.0

HPLC/IC BATCH WORKSHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Batch Number: 26861 Batch Start Date: 10/15/21 20:40 Batch Analyst: Prommek, Warangkhana

Batch Method: 300.0 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	WC-IC-P1 00001	WC-IC-P2 00001	WC-IC-S1 00003	WC-IC-S2 00002	
CCVRT 860-26861/1		300.0		0 mL	0.5 mL	1 mL			
CCB 860-26861/2		300.0		0 mL					
MB 860-26861/3		300.0		0 mL					
LCS 860-26861/4		300.0		0 mL	0.5 mL	1 mL			
LCSD 860-26861/5		300.0		0 mL	0.5 mL	1 mL			
CCV 860-26861/13		300.0		0 mL			0.5 mL	1 mL	
CCB 860-26861/14		300.0		0 mL					
860-13548-A-17	Artesia-MW11-101 12021	300.0	T	0 mL					
860-13548-A-18	Artesia-MD11-101 12021	300.0	T	0 mL					
860-13548-A-19	Artesia-MW17C-10 112021	300.0	T	0 mL					
860-13548-A-20	Artesia-MW12-101 12021	300.0	T	0 mL					
860-13548-A-21	Artesia-MW-37-10 112021	300.0	T	0 mL					
860-13548-A-23	Artesia-MW36-101 22021	300.0	T	0 mL					
CCV 860-26861/25		300.0		0 mL			0.5 mL	1 mL	
CCB 860-26861/26		300.0		0 mL					
860-13548-A-24	Artesia-MW38-101 22021	300.0	T	0 mL					
CCV 860-26861/36		300.0		0 mL			0.5 mL	1 mL	
CCB 860-26861/37		300.0		0 mL					
MB 860-26861/38		300.0		0 mL					
LCS 860-26861/39		300.0		0 mL	0.5 mL	1 mL			
LCSD 860-26861/40		300.0		0 mL	0.5 mL	1 mL			
CCV 860-26861/48		300.0		0 mL			0.5 mL	1 mL	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

HPLC/IC BATCH WORKSHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Batch Number: 26861 Batch Start Date: 10/15/21 20:40 Batch Analyst: Prommek, Warangkhana

Batch Method: 300.0 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	WC-IC-P1 00001	WC-IC-P2 00001	WC-IC-S1 00003	WC-IC-S2 00002	
CCB 860-26861/49		300.0		0 mL					
CCV 860-26861/60		300.0		0 mL			0.5 mL	1 mL	
CCB 860-26861/61		300.0		0 mL					
CCV 860-26861/69		300.0		0 mL			0.5 mL	1 mL	
CCB 860-26861/70		300.0		0 mL					
CCV 860-26861/77		300.0		0 mL			0.5 mL	1 mL	
CCB 860-26861/78		300.0		0 mL					
860-13548-A-17	Artesia-MW11-101 12021	300.0	T	0 mL					
860-13548-A-18	Artesia-MD11-101 12021	300.0	T	0 mL					
860-13548-A-21	Artesia-MW-37-10 112021	300.0	T	0 mL					
860-13548-A-24	Artesia-MW38-101 22021	300.0	T	0 mL					

Batch Notes	
Batch Comment	Syringes LOT 0342812 PART 7944-06
Eluent 1 ID	221944
Filter ID	312741 Part No.F2600-2
Pipette/Syringe/Dispenser ID	WC40WC46WC43

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

HPLC/IC BATCH WORKSHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Batch Number: 27096 Batch Start Date: 10/19/21 10:54 Batch Analyst: Paige, Ambrose N

Batch Method: 300.0 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	WC-IC-P1 00001	WC-IC-P2 00001	WC-IC-S1 00003	WC-IC-S2 00002	
CCVRT 860-27096/1		300.0		0 mL	0.5 mL	1 mL			
CCV 860-27096/53		300.0		0 mL			0.5 mL	1 mL	
CCB 860-27096/54		300.0		0 mL					
MB 860-27096/55		300.0		0 mL					
LCS 860-27096/56		300.0		0 mL	0.5 mL	1 mL			
LCSD 860-27096/57		300.0		0 mL	0.5 mL	1 mL			
CCV 860-27096/65		300.0		0 mL			0.5 mL	1 mL	
CCB 860-27096/66		300.0		0 mL					
860-13548-A-23	Artesia-MW36-101 22021	300.0	T	0 mL					

Batch Notes	
Batch Comment	Syringes LOT 0342812 PART 7944-06
Eluent 1 ID	221944
Filter ID	312741 Part No.F2600-2
Pipette/Syringe/Dispenser ID	WC40WC46WC43

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

HPLC/IC BATCH WORKSHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Batch Number: 27097 Batch Start Date: 10/19/21 10:54 Batch Analyst: Paige, Ambrose N

Batch Method: 300.0 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	WC-IC-P1 00001	WC-IC-P2 00001	WC-IC-S1 00003	WC-IC-S2 00002	
CCVRT 860-27097/1		300.0		0 mL	0.5 mL	1 mL			
MB 860-27097/55		300.0		0 mL					
LCS 860-27097/56		300.0		0 mL	0.5 mL	1 mL			
LCSD 860-27097/57		300.0		0 mL	0.5 mL	1 mL			
CCV 860-27097/65		300.0		0 mL			0.5 mL	1 mL	
CCB 860-27097/66		300.0		0 mL					
860-13548-A-23	Artesia-MW36-101 22021	300.0	T	0 mL					
860-13548-A-23 MS	Artesia-MW36-101 22021	300.0	T	0 mL	0.025 mL	0.05 mL			
860-13548-A-23 MSD	Artesia-MW36-101 22021	300.0	T	0 mL	0.025 mL	0.05 mL			

Batch Notes	
Batch Comment	Syringes LOT 0342812 PART 7944-06
Eluent 1 ID	Elluent ID 221944
Filter ID	Filter ID 312741 Part No.F2600-2
Pipette/Syringe/Dispenser ID	WC40WC46WC43

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

HPLC/IC BATCH WORKSHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Batch Number: 27602 Batch Start Date: 10/21/21 16:58 Batch Analyst: Prommek, Warangkhana

Batch Method: 300.0 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	WC-IC-P1 00001	WC-IC-P2 00001	WC-IC-S1 00003	WC-IC-S2 00002	
CCVRT 860-27602/1		300.0		0 mL	0.5 mL	1 mL			
CCB 860-27602/2		300.0		0 mL					
MB 860-27602/3		300.0		0 mL					
LCS 860-27602/4		300.0		0 mL	0.5 mL	1 mL			
LCSD 860-27602/5		300.0		0 mL	0.5 mL	1 mL			
860-13548-A-23	Artesia-MW36-101 22021	300.0	T	0 mL					
860-13548-A-23 MS	Artesia-MW36-101 22021	300.0	T	0 mL	0.025 mL	0.05 mL			
860-13548-A-23 MSD	Artesia-MW36-101 22021	300.0	T	0 mL	0.025 mL	0.05 mL			
CCV 860-27602/13		300.0		0 mL			0.5 mL	1 mL	
CCB 860-27602/14		300.0		0 mL					

Batch Notes	
Batch Comment	Syringes LOT 0342812 PART 7944-06
Eluent 1 ID	221944
Filter ID	312741 Part No.F2600-2
Pipette/Syringe/Dispenser ID	WC40WC46WC43

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

HPLC/IC BATCH WORKSHEET

Lab Name: Eurofins Xenco, Stafford Job No.: 860-13548-1

SDG No.:

Batch Number: 27603 Batch Start Date: 10/21/21 16:58 Batch Analyst: Prommek, Warangkhana

Batch Method: 300.0 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	WC-IC-P1 00001	WC-IC-P2 00001			
MB 860-27603/3		300.0		0 mL					
LCS 860-27603/4		300.0		0 mL	0.5 mL	1 mL			
LCSD 860-27603/5		300.0		0 mL	0.5 mL	1 mL			
860-13548-A-23 MS	Artesia-MW36-101 22021	300.0	T	0 mL	0.025 mL	0.05 mL			
860-13548-A-23 MSD	Artesia-MW36-101 22021	300.0	T	0 mL	0.025 mL	0.05 mL			

Batch Notes	
Batch Comment	Syringes LOT 0342812 PART 7944-06
Eluent 1 ID	221944
Filter ID	312741 Part No.F2600-2
Pipette/Syringe/Dispenser ID	WC40WC46WC43

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

Released to Imaging: 6/14/2022 10:51:35 AM

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Eurofins Xenco, Stafford
4147 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

860-13548 Chain of Custody

Eurofins | Environment Testing America

Client Information	Sampler: Mac Bost	Lab PM: McDaniel, Bethany A	No: -5243-322.1
Client Contact: Aleeca Forsberg	Phone: 262-227-2781	E-Mail: Bethany.McDaniel@Eurofinset.com	State of Origin: NM	Page: Page 1 of 3
Company: Jacobs Engineering Group, Inc.	PWSID:		Job #:
Address: 3121 Rutledge Rd NE Suite B-1	Due Date Requested:		
City: Albuquerque	TAT Requested (days): 5 day rush		
State, Zip: NM, 87109	Compliance Project: Δ Yes Δ No		
Phone:	PO #: 148021462		
Email: aleeca.forsberg@jacobs.	WO #: C.CS.TPE.AR.21-05-02		
Project Name: Dowell Artesia	Project #: 86000977		
Site:	SSOW#:		

Temp: 1.3 C/F +0.0 1.3 Corrected Temp: 1.3 IR ID:HOU-272
Temp: 2.4 C/F +0.0 2.4 Corrected Temp: 2.4 IR ID:HOU-272

Analysis Requested

Preservation Codes: A HCL, B NaOH, C Zn Acetate, D Nitric Acid, E NaHSO4, F MeOH, G Amchlor, H Ascorbic Acid, I Ice, J DI Water, K EDTA, L EDA, M Hexane, N None, O AsNaO2, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Z other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D Sulfate	8260C (MOD) Volatile Organic Compound Custom L	8260C (MOD) 8260B PCE and 1,1-DCE	Total Number of containers	Special Instructions/Note:
Preservation Code:					N	N	N	A	A		
Artesia-TB01-10112021	10/11/21	1200	G	Water	N	N		X		2	
Artesia-Inlet-10112021	10/11/21	1215	G	Water	N	N		X		3	
Artesia-MW-10112021	10/11/21	1220	G	Water	N	N		X		3	
Artesia-Outlet-10112021	10/11/21	1225	G	Water	N	N		X		3	
Artesia-MW40-10112021	10/11/21	1445	G	Water	N	N		X	X	3	PCE + 1,1-DCE
Artesia-MW40-10112021	10/11/21	1450	G	Water	N	N		X	X	3	PCE + 1,1-DCE
Artesia-MW39-10112021	10/11/21	1505	G	Water	N	N			X	3	PCE + 1,1 DCE
Artesia-MW35-10112021	10/11/21	1520	G	Water	N	N			X	3	PCE + 1,1-DCE
Artesia-MW29-10112021	10/11/21	1535	G	Water	N	N		X		3	
Artesia-MW28-10112021	10/11/21	1555	G	Water	N	N		X		3	
Artesia-MW31-10112021	10/11/21	1610	G	Water	N	N		X		3	

Possible Hazard Identification
☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☑ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II III IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by:	Date/Time: 10/12/21 1115	Company Jacobs	Received by:	Date/Time: 10/13/21 9:53	Company Xenco
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Ver 01/16/2019

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Received by OCD: 3/25/2022 8:51:12 AM

Released to Imaging: 6/14/2022 10:51:35 AM

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Eurofins Xenco, Stafford
4147 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: Mac Booth	Lab PM: McDaniel, Bethany A	Carrier Tracking No(s): 7911-9509-4401	COC No: 860-5243-322.1
Client Contact: Aleeca Forsberg	Phone: 262-227-2781	E-Mail: Bethany.McDaniel@Eurofinset.com	State of Origin: NM	Page: Page 2 of 3
Company: Jacobs Engineering Group, Inc.	PWSID:			Job #:
Address: 3721 Rutledge Rd NE Suite B-1	Due Date Requested:			
City: Albuquerque	TAT Requested (days): 5 day rush			
State, Zip: NM, 87109	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 148021462			
Email: aleeca.forsberg@jacobs.com	WO #: C.CS.TPE.AR.21-05-02			
Project Name: Dowell Artesia	Project #: 86000977			
Site:	SSOW#:			

Temp: IR ID: HOU-272
C/F: +0.0
Corrected Temp:

Analysis Requested

Preservation Codes:
A HCL, B NaOH, C Zn Acetate, D Nitric Acid, E NaHSO4, F MeOH, G Amchlor, H Ascorbic Acid, I Ice, J DI Water, K EDTA, L EDA, M Hexane, N None, O AsNaO2, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Z other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D Sulfate	8260C (MOD) Volatile Organic Compound Custom L	8260C (MOD) 8260B PCE and 1,1-DCE	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	A	A		
Artesia-MW31-10112021	10/11/2021	1625	G	Water	N	N		X		3	
Artesia-MW25-10112021	10/1/2021	1655	G	Water	N	N		X		3	
Artesia-MW22-10112021	10/11/2021	1705	G	Water	N	N		X		3	
Artesia-MW32-10112021	10/11/2021	1725	G	Water	N	N		X		3	
Artesia-MW30-10112021	10/11/2021	1735	G	Water	N	N		X		3	
Artesia-MW11-10112021	10/11/2021	1445	G	Water	N	N	X	X		4	
Artesia-MW11-10112021	10/11/2021	1450	G	Water	N	N	X	X		4	
Artesia-MW17-10112021	10/11/2021	1540	G	Water	N	N	X	X		4	
Artesia-MW12-10112021	10/11/2021	1630	G	Water	N	N	X	X		4	
Artesia-MW-37-10112021	10/11/2021	1735	G	Water	N	N	X	X		2	
Artesia-TB02-10122021	10/12/2021	0800	G	Water	N	N		X		2	

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:				
Relinquished by:	Date/Time: 10/12/21 1115	Company: Jacobs	Received by:	Date/Time: 10/13/21 9:53	Company: Xenco		
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company		
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company		

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

Ver 01/16/2019

Received by OCD: 3/25/2022 8:51:12 AM
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Eurofins Xenco, Stafford
1347 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: Mac Booth	Lab PM: McDaniel, Bethany A	Carrier Tracking No(s): 7911-9509-4401	COC No: 880-5243-322.1
Client Contact: Aleeca Forsberg	Phone: 262-227-2781	E-Mail: Bethany.McDaniel@Eurofinset.com	State of Origin: NM	Page: Page 3 of 3
Company: Jacobs Engineering Group, Inc.	PWSID:			Job #:
Address: 3721 Rutledge Rd NE Suite B-1	Due Date Requested:			
City: Albuquerque	TAT Requested (days): 5 day rush			
State, Zip: NM, 87109	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 148021462			
Email: aleeca.forsberg@jacobs.com	WO #: C.CS.TPE.AR.21-05-02			
Project Name: Dowell Artesia	Project #: 86000977			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A HCL, B NaOH, C Zn Acetate, D Nitric Acid, E NaHSO4, F MeOH, G Amchlor, H Ascorbic Acid, I Ice, J DI Water, K EDTA, L EDA, M Hexane, N None, O AsNaO2, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Z other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=wastoil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D Sulfate	8260C (MOD) Volatile Organic Compound Custom L	8260C - (MOD) 8260B PCE and 1,1-DCE	Total Number of containers	Special Instructions/Note:
Preservation Code:							N	A	A		
Artesia-MW36-10122021	10/12/21	1025	G	Water	N	Y	X	X		4	MS 10 containers
Artesia-MW35-10122021	10/12/21	0920	G	Water	N	N	X	X		4	
				Water							
				Water							
				Water							
				Water							
				Water							
				Water							
				Water							
				Water							
				Water							
				Water							

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II, III, IV Other (specify)

Special Instructions/QC Requirements:

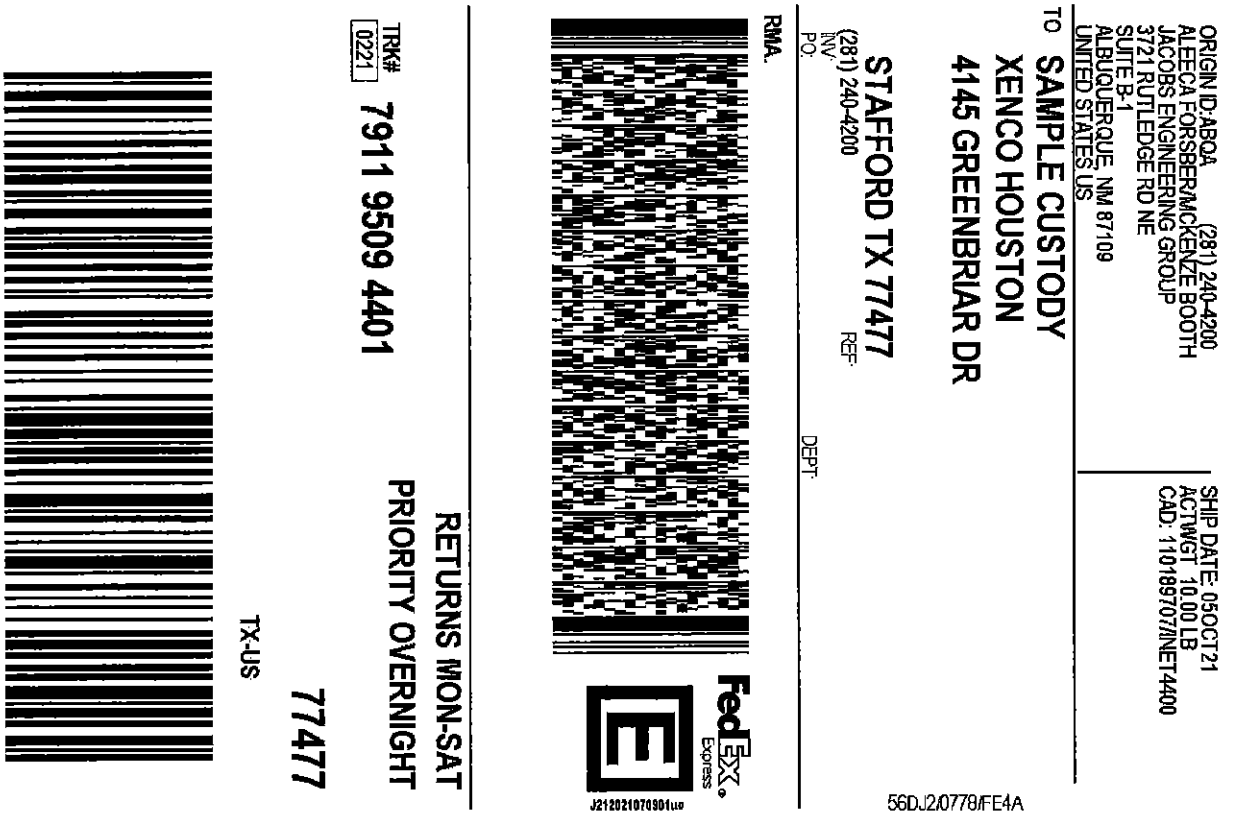
Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:				
Relinquished by:	Date/Time: 10/12/21 1115	Company: Jacobs	Received by:	Date/Time: 10/13/21 9:53	Company: Xenco		
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company		
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company		

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

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1 Select the 'Print' button to print 1 copy of each label
2 The Return Shipment instructions which provide your recipient with information on the returns process, will be printed with the label(s).
3 After printing select your next step by clicking one of the displayed buttons.

Note To review or print individual labels, select the Label button under each label image above

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com.FedEx will not be responsible for any claim in excess of $100 per package, whether the result of loss damage, delay non-delivery misdelivery,or misinformation, unless you declare a higher value pay an additional charge, document your actual loss and file a timely claim.Limitations found in the current FedEx Service Guide apply Your right to recover from FedEx for any loss including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental,consequential or special is limited to the greater of $100 or the authorized declared value Recovery cannot exceed actual documented loss.Maximum for items of extraordinary value is $500 e.g jewelry precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

Login Sample Receipt Checklist

Client: Jacobs Engineering Group, Inc. Job Number: 860-13548-1

Login Number: 13548 **List Source: Eurofins Xenco, Stafford**
List Number: 1
Creator: Torres, Sandra

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.3, 2.4
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 71025

CONDITIONS

Operator: Schlumberger Technology Corporation 121 Industrial Blvd Sugar Land, TX 77478	OGRID: 330624
	Action Number: 71025
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
bbillings	Suggestions and modifications to treatment structure as noted in Summary/Recommendations are approved.	6/14/2022