REVIEWED
By Mike Buchanan at 1:36 pm, Mar 04, 2024

2022 Annual Groundwater Monitoring Report

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

Review of the 2022 Annual Groundwater Monitoring Report for Former Dowell Schlumberger Facility: **Content Satisfactory**
1. Continue to operate the pump & treat system as regularly scheduled.
2. Continue to conduct semi-annual groundwater monitoring as scheduled in April and October for 2023 and 2024.
3. Conduct performance monitoring as prescribed in 2023 Annual Groundwater Monitoring Report, part 5.2.1
4. Submit the 2023 Annual Groundwater Monitoring Report by April 1, 2024.

March 2023

Prepared for:

Schlumberger and DOW

Prepared by:

CH2M HILL Engineers, Inc.

Dawn Greening
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121 Industrial Boulevard
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March 30, 2023

Mr. Michael Bratcher
Environmental Bureau
New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505

Re: 2022 Annual Groundwater Monitoring Report, Former Dowell Schlumberger Facility, 507 East Richey Avenue, Artesia, Eddy County, New Mexico

Dear Mr. Bratcher,

The 2022 Annual Groundwater Monitoring Report for the Former Dowell Schlumberger Facility in Artesia, Eddy County, New Mexico, incident number NAUTOFSC00114, has been uploaded to the New Mexico Oil Conservation Division's document submittal website.

Should you have any questions regarding the submittal, please contact me at (318) 393-6480. I can also be reached by email at DGreening@slb.com. I look forward to working together with you.

Sincerely,

Dawn Greening
Remediation Manager

c:
Jim Strunk/Dow Inc.
Monica Schneider/CH2M HILL Engineers, Inc.
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Aleeca Forsberg/CH2M HILL Engineers, Inc.

2022 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 2023

Prepared by

CH2M HILL Engineers, Inc.

New Mexico Oil Conservation Division
Approval Signature Page

Name	Title	Agency
Signature	Date	

Received by OCD: 3/30/2023 11:30:39 AM

Contents

Acronyms and Abbreviations ..... **vii**

1 Introduction **1-1**

2 Site Background **2-1**
2.1 Site Description and History 2-1
2.2 Geology and Hydrogeology 2-2

3 2022 Site Activities **3-1**
3.1 Groundwater Monitoring Activities 3-1
3.1.1 Groundwater Gauging 3-1
3.1.2 Semiannual Groundwater Sampling 3-1
3.1.3 Semiannual ISCO Injection Area Performance Monitoring Groundwater Sampling 3-1
3.2 Groundwater Extraction and Treatment Operations 3-2
3.2.1 Operations and Maintenance 3-2
3.2.2 Granular Activated Carbon Performance Monitoring 3-2
3.2.3 Documentation of System Flow Rates 3-2
3.2.4 Quarterly System Inspections and Maintenance 3-3
3.2.5 Extraction Well Rehabilitation 3-3
3.3 Carbon Substrate Injection 3-3
3.4 Waste Management 3-4

4 Results and Discussion **4-1**
4.1 Groundwater Elevations and Hydraulic Gradient 4-1
4.2 Semiannual Groundwater Sampling Results 4-1
4.2.1 ISCO Injection Area 4-1
4.2.2 Downgradient Area 4-2
4.3 Groundwater Treatment System Sampling Results 4-2

5 Summary and Recommendations **5-1**
5.1 Summary 5-1
5.2 Recommendations 5-1
5.2.1 Performance Monitoring at the In Situ Chemical Oxidation Injection Area 5-1
5.2.2 Semiannual Groundwater Monitoring 5-1
5.2.3 Operation and Maintenance of the Groundwater Extraction and Treatment System 5-2

6 References **6-1**

Appendixes

A New Mexico Oil Conservation Division Correspondence
B Performance Monitoring Field Data Sheets
C Laboratory Analytical Reports and Data Validation Checklists

Released to Imaging: 3/4/2024 2:02:33 PM

Tables

3-1 Groundwater Gauging and Sampling Summary
3-2 Summary of LactOil Injection Data
3-3 Summary of Groundwater Quality Parameters at Monitoring and Injection Wells During LactOil Injections
4-1 Groundwater Elevation Data–2022
4-2 Summary of Groundwater Analytical Results–2022
4-3 GAC Analytical Results–2022

Figures

1-1 Site Location Map
1-2 Site Plan
4-1 Potentiometric Surface Map–April 2022
4-2 Potentiometric Surface Map–October 2022
4-3 Concentration Map for 1,1-DCA–2022
4-4 Concentration Map for Naphthalene–2022
4-5 Concentration Map for 1,1-DCE–2022

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
DO	dissolved oxygen
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
NMWQCC	New Mexico Water Quality Control Commission
ORP	oxidation-reduction potential
PCE	tetrachloroethene
site	Former Dowell Schlumberger Facility, Artesia, Eddy County, New Mexico
STC	Schlumberger Technology Corporation
SVE	soil vapor extraction
TOC	total organic carbon
USEPA	U.S. Environmental Protection Agency
UST	underground storage tank
VOC	volatile organic compound
ZVI	zero-valent iron

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SECTION 1

Introduction

CH2M HILL Engineers, Inc. (CH2M) completed semiannual groundwater monitoring and ongoing remediation activities throughout 2022 at the Former Dowell Schlumberger Facility located at 507 East Richey Avenue, Artesia, Eddy County, New Mexico (site). 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 2022 in accordance with the Stage II Abatement Plan (CH2M 2017a) and the Abatement Plan addendum (CH2M 2019):

- Semiannual groundwater monitoring to assess contaminant of concern (COC) concentrations in the onsite portion of the downgradient plume, 1,1-dichloroethene (1,1-DCE) and tetrachloroethene (PCE) in the offsite portion of the downgradient plume, and the performance of the groundwater extraction, treatment, and reinjection system.
- Maintenance of the groundwater extraction, treatment, and reinjection system including changing out the granular activated carbon (GAC) in the groundwater treatment system, redeveloping extraction wells EW-03 and EW-04 to maximize groundwater treatment system performance, and repairing telemetry equipment associated with the groundwater treatment system.
- Injection of carbon substrate into existing Phase II in situ chemical oxidation (ISCO) injection wells to promote further reductive dechlorination of site COCs in the ISCO injection area.

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

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SECTION 2

Site Background

This section describes the site and provides an overview of the history, 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, except 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 the 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 greater than New Mexico Environment Department regional soil screening levels (CH2M 2014).
- Injection of zero-valent iron (ZVI) in the downgradient portions of the CVOC groundwater plume between 2001 and 2002. The ZVI was difficult to inject, had inconsistent distribution, and resulted in minimal CVOC concentration reduction.
- Installation and operation of a groundwater extraction and treatment system adjacent to MW-31 that extracts groundwater, provides treatment via GAC, and then discharges into the ground by gravity at the subsurface infiltration gallery, which is approximately 230 yards upgradient. The groundwater extraction and treatment system has been operational since December 2008 (Duell 2009) 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). The system continues to operate with optimized extraction rates.
- Injection of sodium permanganate into eight injection wells (IJ-1 through IJ-8; Figure 1-2) 20 feet upgradient of MW-25 (CH2M 2015) in 2014 to accelerate CVOC destruction.
- Injection of sodium and potassium persulfate in 2017 (Phase I) and 2019 (Phase II) to reduce residual CVOC and petroleum hydrocarbon concentrations that were identified in 2016 (CH2M 2017b) in the vicinity of the former SVE systems area to less than the 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 2019 addendum was presented (as summarized in the meeting notes [CH2M 2019]). NMOCD subsequently approved the Stage I and Stage II Abatement Plan, 2019 addendum, and proposed revisions to the monitoring network on August 14, 2019. In accordance with New Mexico Administrative Code 19-15-30-10 (2002), *Modification of Abatement Standards*, the abatement standards presented in the Stage I and II Abatement Plan (CH2M 2017a) will continue to be used.

2.2 Geology and Hydrogeology

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. Regional geology and hydrogeology are detailed in the Stage I Abatement Plan (CH2M 2017a).

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SECTION 3

2022 Site Activities

The section reviews the groundwater monitoring activities, groundwater extraction and treatment system operations, carbon substrate injection, and waste management.

3.1 Groundwater Monitoring Activities

Semiannual groundwater monitoring was conducted in April and October 2022. The monitoring wells included in the semiannual groundwater monitoring are presented in Table 3-1. A subset of the semiannual groundwater sampling locations (MW-11, MW-12, MW-17C, MW-36, MW-37, and MW-38) were also used to monitor the ISCO performance parameters. Groundwater gauging and sampling is discussed below.

3.1.1 Groundwater Gauging

As summarized in Table 3-1, depth-to-water and total well depth were measured at 23 monitoring wells. Depth-to-water was measured prior to groundwater sample collection; total well depth was measured following sample collection to minimize suspension of solids that may have accumulated at the bottom of the well.

3.1.2 Semiannual Groundwater Sampling

As summarized in Table 3-1, groundwater samples were collected from seven monitoring wells in April 2022 and 11 monitoring wells in October 2022 using HydraSleeves. HydraSleeves were installed in the monitoring wells immediately prior to sample collection in accordance with NMOCD guidance. Upon recovery of the HydraSleeve from each well, aliquots of groundwater were transferred directly from the HydraSleeve into the appropriate laboratory-supplied, preserved sample containers. The sample containers were then properly labeled and placed into an ice-cooled chest, pending shipment to the analytical laboratory.

The samples were submitted to the laboratory under chain-of-custody documentation for analysis of a project-specific list of VOCs by U.S. Environmental Protection Agency (USEPA) Method 8260C, *Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry*. Except for offsite monitoring wells MW-35, MW-39, and MW-40, the project-specific list of VOCs includes 1,1-DCE, 1,1-dichloroethane (1,1-DCA), naphthalene, benzene, and PCE. Groundwater samples from MW-35, MW-39, and MW-40 were submitted for analysis for 1,1-DCE and PCE only.

3.1.3 Semiannual ISCO Injection Area Performance Monitoring Groundwater Sampling

As summarized in Table 3-1, groundwater samples were collected from the six monitoring wells in the ISCO injection area in April and October 2022 using low-flow sampling methods in accordance with USEPA low-flow sampling guidance (USEPA 2002). A peristaltic pump equipped with tubing dedicated to each well was used for purging and sampling the monitoring wells.

Field parameters (temperature, pH, conductivity, turbidity, dissolved oxygen [DO], and oxidation-reduction potential [ORP]) were measured during purging activities, with the measurements recorded onto groundwater sampling field data sheets (Appendix B). Purging continued until the field parameters stabilized. After the parameters stabilized, aliquots of groundwater were transferred directly from the pump discharge into the appropriate laboratory-supplied, preserved sample containers. The sample

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containers were then properly labeled and placed into an ice-cooled chest, pending shipment to the analytical laboratory.

The samples were submitted to the laboratory under chain-of-custody documentation for analysis of the project-specific list of VOCs (1,1-DCE, 1,1-DCA, naphthalene, benzene, and PCE) by USEPA Method 8260C, as well as for sulfate by USEPA Method 300.0, *Determination of Inorganic Anions by Ion Chromatography*, and total organic carbon (TOC) by Standard Method 5310C, *Persulfate-Ultraviolet or Heated-Persulfate Oxidation Method*.

3.2 Groundwater Extraction and Treatment Operations

Groundwater extraction, treatment, and reinjection system operations included the following components:

- Operation and maintenance
- GAC performance monitoring
- Documentation of system flow rates
- Quarterly system inspections and maintenance
- Extraction well rehabilitation

3.2.1 Operations and Maintenance

The groundwater extraction, treatment, and reinjection system operated when not shut down due to maintenance, power outages, and unintentional shutdowns, which were predominantly caused by system electrical issues. Various electrical components (such as signal transformers, an uninterruptible power supply, a programmable logic controller, and modems) were replaced at times throughout the year, with some components requiring shipment back to the manufacturer for repair. Despite the unintentional shutdowns, the system runtime was 70 percent during the 2022 reporting period.

In addition to the electrical system repairs, a timer to reset the modem each day was installed in November 2022, allowing the daily email report to be generated. The receipt of the daily email, including alarms or upset conditions, confirms the connectivity and functionality of the system. Prior to the timer installation, the daily emails were not consistently generated even when the system was operational.

3.2.2 Granular Activated Carbon Performance Monitoring

Water samples were collected from the GAC inlet, mid-GAC, and GAC outlet in April and October 2022 and submitted for laboratory analysis of 1,1-DCE, 1,1-DCA, naphthalene, benzene, and PCE by USEPA Method 8260C. In October, the GAC vessels were drained, and the GAC in the lead vessel was replaced. System valving was then adjusted so that the lag vessel became the lead vessel and the vessel containing the new GAC became the lag vessel. GAC changeout services were provided by TetraSOLV Filtration.

3.2.3 Documentation of 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 6.48 million gallons of groundwater were extracted, treated, and reinfiltrated in 2022. The average extraction rates at the extraction wells in 2022 were 8.5 gpm at EW-03 and 13.9 gpm at EW-04, meeting the target flow rate criteria.

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3.2.4 Quarterly System Inspections and Maintenance

During the periodic maintenance site visits throughout the year, extraction well flow rates and the combined outflow were measured, and the system was inspected to identify potential leaks and/or upset conditions. Small leaks were identified in March and May 2022, and the leaks were immediately repaired. The leaked water was captured within the system's secondary containment and was transferred back into the groundwater extraction and treatment system for treatment and reinfiltration. In April and October 2022, the system cartridge filters were replaced.

3.2.5 Extraction Well Rehabilitation

Extraction wells EW-03 and EW-04 were rehabilitated by chemical treatment in April and October 2022 to reduce the growth of iron-reducing bacteria. Rehabilitation included brushing and swabbing the extraction well casing and screen to physically remove the bacterial deposits, removing debris using a bailer, and placing NuWell chemical solution into the screened interval of the extraction well via tremie pipe. After the NuWell chemical solution was placed, the extraction well screen and sand pack were swabbed and surged. The NuWell chemical solution was then left in the extraction well screen and sand pack overnight. The following day, the extraction well screen and sand pack were swabbed again, surged, and bailed to remove debris that had accumulated overnight. Groundwater and NuWell chemical solutions bailed from EW-03 and EW-04 during rehabilitation activities were temporarily contained in 55-gallon steel drums, then transferred to the groundwater extraction and treatment system for treatment and reinfiltration. Extraction well rehabilitation activities were conducted by Talon/LPE.

3.3 Carbon Substrate Injection

Carbon substrate (LactOil) was injected into injection wells IJ-09 through IJ-20 (Figure 1-2) in the ISCO injection area in July 2022. Injections were completed as recommended in the 2021 Annual Groundwater Monitoring Report (CH2M 2022) and approved by NMOCD (Appendix A).

The injection system consisted of an approximately 500-gallon mix tank, centrifugal pump, flow meters, pressure gauges, injection wellhead adapters, and hoses and valves to connect the components and control the flow of injection mixture in up to three injection wells concurrently. The LactOil was batch-mixed with potable water (obtained from a nearby City of Artesia hydrant) at a ratio of 60 gallons of LactOil to 360 gallons of water. After mixing, the centrifugal pump was used to pump the LactOil and water mixture through the injection system and into the injection wells.

During injection, system parameters (pressures, flow rates, and total flows into each injection well) were monitored to verify that appropriate volumes were injected into each injection well and to prevent overpressurization that could lead to daylighting. A visual reconnaissance of the system components was regularly performed to check for leakage or daylighting. To reduce the potential for environmental impact due to a spill or leak, the LactOil product totes and drums, mix tank, pump, and valving (except for the individual wellhead adapters and the hoses to the injection wells) were kept within a secondary containment.

In addition to monitoring the injection system parameters, depth-to-water, water quality parameters (pH, temperature, specific conductivity, DO, ORP, and turbidity), and visual appearance of the groundwater in adjacent monitoring wells and injection wells were monitored. The water levels were monitored to assess the potential for daylighting as injection progressed; if water levels neared the ground surface, injection rates were slowed to prevent daylighting. The water quality parameters and groundwater appearance were monitored to assess the radius of influence of each injection well as an indication of the ability for the injection mixture to disperse throughout the saturated zone.

Injection continued until approximately 420 gallons of the injection mixture were injected into each well. Once the planned injection volume was reached for each injection well, approximately 25 gallons

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of potable water were injected to flush the injection well and help push the injection mixture into the formation. Table 3-2 presents a summary of injection volumes, flow rates, and pressures for each of the injection wells. Table 3-3 summarizes the water quality parameter observations during injection.

3.4 Waste Management

Waste generated from groundwater sampling, system maintenance activities, and carbon substrate injection, including consumable materials (such as used personal protective equipment), was containerized in 55-gallon drums temporarily stored within the fenced site. Used GAC was transported offsite by the GAC contractor (TetraSOLV Filtration) for regeneration.

Groundwater and decontamination water generated during sampling and injection activities was containerized and transferred to the groundwater extraction and treatment system for treatment and reinfiltration. All of the LactOil mixture was injected. No waste injection mixture was generated.

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SECTION 4

Results and Discussion

This section presents a review of the groundwater elevations and hydraulic gradient, semiannual groundwater sampling results, and groundwater treatment system sampling results.

4.1 Groundwater Elevations and Hydraulic Gradient

Figures 4-1 and 4-2 show the April and October 2022 potentiometric maps. Table 4-1 presents 2022 groundwater elevation data. During April and October 2022, an area of localized groundwater mounding was observed at MW-31, which is near the gravity infiltration trench. The groundwater elevations measured during the April and October 2022 sampling events were generally consistent with historical measurements.

The overall groundwater gradient was 0.0049 foot per foot for both the April and October 2022 events. The overall direction of groundwater flow in April was to the northeast, and the overall direction of groundwater flow in October was to the north-northeast in the downgradient portion of the plume and to the north in the ISCO injection area.

4.2 Semiannual Groundwater Sampling Results

Table 4-2 summarizes groundwater monitoring analytical results for samples collected in 2022. 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, 4-4, and 4-5 present concentrations in groundwater for 1,1-DCA, naphthalene, 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. Appendix B presents copies of the performance monitoring field data sheets, which show field parameter measurements taken 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). Appendix C includes laboratory analytical reports and data validation checklists.

4.2.1 ISCO Injection Area

During 2022, 1,1-DCA and naphthalene were the only COCs with concentrations that exceeded their respective NMWQCC standards in the ISCO injection area. Key results are discussed below and summarized in Table 4-2.

- 1,1-DCA concentrations exceeded the NMWQCC standard of 0.025 milligram per liter (mg/L) at two (MW-12 and MW-38) ISCO injection area monitoring wells in April 2022 and three ISCO injection area monitoring wells (MW-12, MW-37, and MW-38) in October 2022 (Figure 4-3).
- The naphthalene concentration at MW-12 (0.0796 mg/L) exceeded the NMWQCC standard of 0.03 mg/L in October 2022. January 2021 was the last event where the naphthalene concentration was below detection limits at MW-12 (Figure 4-4) (CH2M 2022).
- Sulfate concentrations exceeded the NMWQCC standard of 600 mg/L at the six ISCO injection area monitoring wells (MW-11, MW-12, MW-17C, MW-36, MW-37, and MW-38) for both sampling events in 2022. Sulfate concentrations, which naturally exceed the NMWQCC standard, with an average baseline concentration of 2,302 mg/L (CH2M 2018), have fluctuated since the pilot-scale (Phase I) ISCO application due to the slow release of persulfate from the potassium persulfate. The average sulfate concentration during 2022 was 2,407 mg/L, a slight decrease from the average value of 2,461 mg/L in 2021.

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- TOC concentrations were generally stable or increased between April and October 2022. At MW-37 (1.67 to 152 mg/L) and MW-38 (2.23 to 26.4 mg/L), which are near LactOil injection locations (Figure 1-2), TOC concentrations increased by at least an order-of-magnitude between April and October 2022. The increase in TOC concentrations indicates the LactOil may have been effectively distributed throughout the injection area. In addition, as indicated in Table 3-3, groundwater in both MW-37 and MW-38 appeared white nearing the end of the injection activities, providing further evidence of the distribution of LactOil throughout the injection area. At MW-11, MW-12, and MW-17C, which are further from LactOil injection locations, TOC concentrations were stable.

As summarized in Table 3-3, groundwater quality parameters collected during low-flow sampling provide additional evidence of effective carbon introduction into the aquifer. For example, ORP readings at MW-37 and MW-38 were oxidizing (192 and 45 millivolts [mV], respectively) before the injection (April 2022) and reducing (-220 and -182 mV, respectively) after the injection (October 2022).

4.2.2 Downgradient Area

1,1-DCE concentrations for the downgradient plume monitoring wells are summarized in Table 4-2 and shown in Figure 4-5. 1,1-DCE concentrations exceeded the NMWQCC standard of 0.005 mg/L at MW-29 and MW-35 in April and October 2022. The 1,1-DCE concentrations at MW-29 (0.00657 to 0.00804 mg/L) and MW-35 (0.0107 to 0.0135 mg/L) increased slightly from April to October 2022.

PCE concentrations were less than the NMWQCC standard in the downgradient plume area in 2022.

4.3 Groundwater Treatment System Sampling Results

Table 4-3 presents the groundwater extraction and treatment system performance monitoring analytical results. In April 2022, COC concentrations were less than the respective NMWQCC standards at the three treatment system sampling points. However, in October 2022, 1,1-DCE concentrations exceeded the NMWQCC standard of 0.005 mg/L at the GAC inlet (0.00581 mg/L) and mid-GAC (0.00619 mg/L) sampling locations. 1,1-DCE was not detected at the outlet sampling location.

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SECTION 5

Summary and Recommendations

5.1 Summary

The following are the key findings from the 2022 activities:

- Benzene and PCE concentrations in groundwater were less than the NMWQCC standards at all monitoring wells during the 2022 monitoring events.
- In the ISCO injection area, 1,1-DCA concentrations in groundwater exceeded the NMWQCC standard at MW-12, MW-37, and MW-38, and naphthalene concentrations exceeded the NMWQCC standard at MW-12 during 2022. While 1,1-DCA concentrations remained stable at MW-12 through April 2022 and October 2022, naphthalene concentrations at MW-12 increased from below detection limits in April 2022 to exceeding the NMWQCC standard in October 2022. The October 2022 monitoring event was 3 months after the injection and it is anticipated that the April 2023 sampling results will show biodegradation with the additional time (9 month) after injection.

  Although gradually decreasing, sulfate concentrations continued to exceed the NMWQCC standard and are consistent with baseline concentrations. TOC concentrations significantly increased at MW-37 and MW-38 in response to the LactOil injection.
- Although 1,1-DCE concentrations increased slightly at MW-29 and MW-35 between April and October 2022 and continue to exceed the NMWQCC standard, the October 2022 concentrations are 65 to 80 percent less than the historical maximums in October 2018 and are consistent with long-term, gradually decreasing concentration trends. It is possible that the 1,1-DCE concentration increases from April to October 2022 were the result of inconsistent pump-and-treat system operation that the repairs conducted in November 2022 are expected to address as discussed in Section 3.2.1. There have been no shutdowns or lost telemetry connections since the timer was installed.
- 1,1-DCE concentrations at the two farthest downgradient monitoring wells, MW-39 and MW-40 remain less than the NMWQCC standard. No other COCs were detected at concentrations greater than the respective NMWQCC standards in these two wells.

5.2 Recommendations

5.2.1 Performance Monitoring at the In Situ Chemical Oxidation Injection Area

Performance monitoring in the ISCO injection area will continue semiannually in April and October 2023, concurrent with the semiannual groundwater monitoring events described in Section 5.2.2. Performance monitoring will be performed at MW-11, MW-12, MW-17C, MW-36, MW-37, and MW-38. Samples will be analyzed for COCs, sulfate, and TOC to monitor groundwater geochemistry and COC concentrations in response to the LactOil injections and to assess whether the sulfate concentrations return to baseline conditions.

5.2.2 Semiannual Groundwater Monitoring

The groundwater monitoring program will continue semiannually in April and October 2023 at MW-28, MW-29, MW-30, MW-31, MW-35, MW-39, and MW-40 and annually (in October 2023) at MW-22, MW-25, MW-32, and MW-34 per NMOCD approval of the 2020 Annual Groundwater Monitoring Report

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(CH2M 2021). Samples will be analyzed for the site COCs, except for MW-35, MW-39, and MW-40, which will be analyzed for 1,1-DCE and PCE only.

5.2.3 Operation and Maintenance of the Groundwater Extraction and Treatment System

Operation of the groundwater extraction, treatment, and reinjection system will continue. Operations will include 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 GAC inlet, mid-GAC vessels, and GAC outlet to assess treatment system performance. These data will be used to assess when GAC replacement is needed.

Analytical data collected in April 2023 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 are less than the NMWQCC standard in April 2023, 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 the NMWQCC standard in October 2023, the groundwater extraction and treatment system will remain off, and 2 years of quarterly monitoring will begin in January 2024.

However, the groundwater extraction and treatment system will remain operational if 1,1-DCE concentrations at MW-35, MW-39, or MW-40 exceed the NMWQCC standard in April 2023. Additionally, if the groundwater extraction and treatment system is off and concentrations of 1,1-DCE in downgradient area wells exceed the NMWQCC standard in October 2023, the system will be returned to operation.

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SECTION 6

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Tables

Table 3-1. Groundwater Gauging and Sampling Summary

2022 Annual Groundwater Monitoring Report

Former Dowell Schlumberger Facility, Artesia, Eddy County, New Mexico

Well Number	Groundwater Elevation and Total Monitoring Well Depth Measurements	Semiannual Groundwater Sampling[a] (USEPA Method 8260C)		Semiannual ISCO Injection Area Performance Monitoring Groundwater Sampling[b] (USEPA Methods 8260C and 300.0 and SM 5310C)	
		April	October	April	October
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	X		
MW-29	X	X	X		
MW-30	X	X	X		
MW-31	X	X	X		
MW-32	X		X		
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	X	X	X		
MW-40	X	X	X		

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

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

Notes:

ISCO = in situ chemical oxidation

SM = Standard Method

X = indicates that well was sampled and/or measured for groundwater elevation and total depth

USEPA = U.S. Environmental Protection Agency

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Table 3-2. Summary of LactOil Injection Data

2022 Annual Groundwater Monitoring Report

Former Dowell Schlumberger Facility, Artesia, Eddy County, New Mexico

Injection Location ID	Date	Total Injectate (gal)	LactOil (gal)	LactOil (lb)	Chase Water (gal)	Average Flow Rate (gpm)	Average Pressure (psi)
IJ-9	7/13/2022	420	60	492	23	5	8
IJ-10	7/12/2022	420	60	492	25	4	9
IJ-11	7/12/2022–7/13/2022	420	60	492	22	3.5	7
IJ-12	7/12/2022–7/13/2022	420	60	492	25	3	7
IJ-13	7/14/2022	420	60	492	41	3	12
IJ-14	7/13/2022	420	60	492	25	5	8
IJ-15	7/13/2022	420	60	492	25	5	5
IJ-16	7/14/2022	420	60	492	30	3	13
IJ-17	7/13/2022	420	60	492	25	5	5
IJ-18	7/12/2022–7/13/2022	420	60	492	25	5	5
IJ-19	7/14/2022	420	60	492	32	3	13
IJ-20	7/12/2022	420	60	492	25	4	8

Notes:

gal = gallon(s)

gpm = gallon(s) per minute

ID = identification

lb = pound(s)

psi = pound(s) per square inch

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Table 3-3. Summary of Groundwater Quality Parameters at Monitoring and Injection Wells During LactOil Injections

2022 Annual Groundwater Monitoring Report

Former Dowell Schlumberger Facility, Artesia, Eddy County, New Mexico

Date	Time	Well ID	Depth to Water (ft btoc)	DO (mg/L)	ORP (mV)	Specific Conductivity (mS/cm)	pH (SU)	Temp. (°C)	Turbidity (NTU)	Notes
7/12/2022	7:36	IJ-09	18.63	5.68	687	31.2	6.76	22.91	850	
7/12/2022	9:15	IJ-09	18.58	6.04	747	36.10	6.58	23.13	658	Still murky/brown
7/12/2022	11:10	IJ-09	14.55	NR	NR	NR	NR	NR	NR	Water level only
7/12/2022	7:36	IJ-12	19.64	5.32	620	56.6	6.86	23.12	880	
7/12/2022	9:15	IJ-12	17.45	5.50	813	62.00	6.72	25.31	920	Very dark brown water, murky
7/12/2022	11:10	IJ-12	13.48	NR	NR	NR	NR	NR	NR	Water level only
7/12/2022	7:36	IJ-13	19.32	4.68	668	26.7	6.67	22.72	749	
7/12/2022	9:15	IJ-13	21.23	4.18	877	25.90	6.86	26.35	980	Still dark murky brown
7/12/2022	11:10	IJ-13	15.48	NR	NR	NR	NR	NR	NR	Water level only
4/20/2022	10:15	MW-11	18.08	0.15	128	5.40	6.51	21.64	0	
10/26/2022	12:51	MW-11	17.45	2.05[a]	-67	5.40	7.14	21.65	4.5	
4/20/2022	9:00	MW-12	18.2	0.43	-82	5.08	6.23	20.92	6.4	
7/12/2022	11:50	MW-12	18.98	NR	NR	NR	NR	NR	NR	Water level only
7/12/2022	14:04	MW-12	NR	4.70	465	4.98	7.95	28.08	26.1	Clear, no odor
7/12/2022	15:33	MW-12	NR	3.54	173	4.30	7.3	26.46	34.9	Clear with hydrocarbon odor
7/12/2022	16:30	MW-12	NR	4.82	260	4.94	6.93	22.63	50.1	Clear
7/13/2022	7:45	MW-12	19.08	NR	NR	NR	NR	NR	NR	Water level only
7/13/2022	9:28	MW-12	19.10	3.18	190	4.47	6.98	32.15	32.3	Mostly clear
7/13/2022	11:10	MW-12	19.13	4.2	280	4.57	7.03	23.4	83	Clear
7/14/2022	7:22	MW-12	19.19	5.4	266	4.55	6.78	21.55	93	Clear
10/26/2022	9:26	MW-12	17.55	6.24[a]	62	5.35	6.76	18.64	22.8	
4/20/2022	16:55	MW-17C	18.08	0.02	101	3.89	6.67	21.24	2.3	
10/25/2022	14:46	MW-17C	17.5	2.33[a]	73	4.12	7.25	20.98	4.3	
4/19/2022	12:15	MW-36	19.71	0.35	-1.10	4.80	6.32	22.03	0	Sheen at start of purging
7/12/2022	7:36	MW-36	19.21	7.41	NR	4.66	6.15	22.7	8.1	
7/12/2022	11:10	MW-36	18.73	NR	NR	NR	NR	NR	NR	Water level only
7/12/2022	11:50	MW-36	18.72	NR	NR	NR	NR	NR	NR	Water level only
7/12/2022	14:04	MW-36	NR	5.24	553	4.60	7.04	23.73	82.8	Clear, no odor or murkiness
7/12/2022	15:00	MW-36	NR	3.69	610	4.63	6.67	26.9	169	Slight murkiness, not as clear as before
7/12/2022	16:30	MW-36	NR	4.85	91	4.66	7.02	22.76	145	Clear
7/13/2022	7:45	MW-36	19.14	NR	NR	NR	NR	NR	NR	Water level only
7/13/2022	9:45	MW-36	18.73	4.17	29	4.51	6.67	24.77	138	Clear
7/13/2022	11:10	MW-36	18.67	4.07	48	4.5	6.63	23.9	76	Clear
7/14/2022	7:22	MW-36	19.09	4.75	91	4.3	6.46	21.74	92	Mostly clear
10/25/2022	17:26	MW-36	17.85	2.41[a]	9	4.38	6.98	21.91	6.1	

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Table 3-3. Summary of Groundwater Quality Parameters at Monitoring and Injection Wells During LactOil Injections

2022 Annual Groundwater Monitoring Report

Former Dowell Schlumberger Facility, Artesia, Eddy County, New Mexico

Date	Time	Well ID	Depth to Water (ft btoc)	DO (mg/L)	ORP (mV)	Specific Conductivity (mS/cm)	pH (SU)	Temp. (°C)	Turbidity (NTU)	Notes
4/19/2022	15:35	MW-37	18.25	1.08	45	5.01	6.34	22.75	0	
7/12/2022	11:50	MW-37	18.43	NR	NR	NR	NR	NR	NR	Water level only
7/12/2022	14:04	MW-37	NR	5.42	553	4.85	7.34	23.98	51.2	Clear, no odor or murkiness
7/12/2022	15:33	MW-37	NR	4.70	249	4.92	7.09	23.88	797	White murkiness, cloudy
7/12/2022	16:30	MW-37	NR	NR	360	4.94	7.31	26.7	1000	White/cloudy, changed color since last reading
7/13/2022	7:45	MW-37	18.88	NR	NR	NR	NR	NR	NR	Water level only
7/13/2022	9:45	MW-37	18.86	4.56	336	4.87	7.09	23.92	1000	Very white and murky; substrate visible
7/13/2022	11:10	MW-37	18.82	3.78	332	4.79	6.82	26.04	1000	White and murky
7/13/2022	14:30	MW-37	18.87	3.94	223	4.68	6.83	27.73	1000	White and murky/hazy
7/14/2022	7:22	MW-37	18.78	4.6	260	5.18	5.49	23.24	1000	Very white; substrate visible
10/26/2022	10:59	MW-37	18.22	11.25[a]	-220	4.62	6.65	20.08	17.6	
4/19/2022	14:10	MW-38	NR	3.80	192	4.46	6.63	22.27	7.3	
7/12/2022	11:50	MW-38	18.99	NR	NR	NR	NR	NR	NR	Water level only
7/12/2022	14:04	MW-38	NR	5.10	536	5.22	7.5	24.96	37.4	Clear, no odor
7/12/2022	15:33	MW-38	NR	NR	380	4.62	7.25	24.2	28.8	Clear
7/12/2022	16:30	MW-38	NR	4.50	389	5.37	6.39	23.59	57.7	Clear
7/13/2022	7:45	MW-38	19.04	NR	NR	NR	NR	NR	NR	Water level only
7/13/2022	9:45	MW-38	18.84	3.85	281	5.29	6.91	24.34	1000	Very white and murky; substrate visible
7/13/2022	11:10	MW-38	18.87	4.04	347	5.32	6.53	24.9	1000	White and murky/hazy
7/14/2022	7:22	MW-38	19.01	5.38	338	5.43	6.28	22.32	1000	Very white; substrate visible
10/25/2022	12:02	MW-38	17.82	8.83[a]	-192	5.13	6.5	21.86	30.8	Dark color

Baseline sampling event

During injection sampling event

Post-injection sampling event

[a] DO measurement recorded as a percentage instead of in mg/L.

Notes:

°C = degree(s) Celsius

DO = dissolved oxygen

ft btoc = foot (feet) below top of casing

ID = identification

mg/L = milligram(s) per liter

mS/cm = microsiemen(s) per centimeter

mV = millivolt(s)

NTU = nephelometric turbidity units

NR = not recorded

ORP = oxidation-reduction potential

SU = standard units

Table 4-1. Groundwater Elevation Data–2022

2022 Annual Groundwater Monitoring Report

Former Dowell Schlumberger Facility, Artesia, Eddy County, 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	4/19/2022	33.40	3359.53	20.89	3338.64
	10/25/2022	33.45		20.58	3338.95
MW-11	4/19/2022	30.32	3356.27	17.77	3338.50
	10/25/2022	29.40		17.28	3338.99
MW-12	4/19/2022	25.65	3356.51	17.85	3338.66
	10/25/2022	25.75		17.32	3339.19
MW-15	4/19/2022	32.57	3357.69	18.30	3339.39
	10/25/2022	32.65		17.92	3339.77
MW-17C	4/19/2022	62.26	3356.55	17.91	3338.64
	10/25/2022	62.40		17.32	3339.23
MW-18	4/19/2022	30.12	3356.71	18.06	3338.65
	10/25/2022	30.09		17.33	3339.38
MW-20	4/19/2022	24.95	3359.12	22.21	3336.91
	10/25/2022	25.00		21.95	3337.17
MW-21	4/19/2022	26.02	3356.89	20.15	3336.74
	10/25/2022	25.94		19.29	3337.60
MW-22	4/19/2022	25.85	3355.18	19.35	3335.83
	10/25/2022	25.75		17.23	3337.95
MW-25	4/19/2022	27.15	3355.67	20.81	3334.86
	10/25/2022	27.14		18.81	3336.86
MW-26	4/19/2022	27.50	3354.20	20.53	3333.67
	10/25/2022	27.45		16.90	3337.30
MW-28	4/19/2022	28.00	3355.93	24.60	3331.33
	10/25/2022	27.85		23.50	3332.43
MW-29	4/19/2022	27.28	3355.06	24.96	3330.10
	10/25/2022	27.22		22.82	3332.24
MW-30	4/19/2022	50.33	3354.61	21.83	3332.78
	10/25/2022	27.81		19.60	3335.01
MW-31	4/19/2022	30.28	3356.38	16.59	3339.79
	10/25/2022	30.22		15.55	3340.83
MW-32	4/19/2022	38.94	3354.54	21.96	3332.58
	10/25/2022	38.90		18.35	3336.19
MW-34	4/19/2022	34.41	3356.28	22.32	3333.96
	10/25/2022	34.25		22.35	3333.93
MW-35	4/19/2022	28.35	3352.91	22.97	3329.94
	10/25/2022	28.20		21.51	3331.40
MW-36	4/19/2022	25.37	3356.60	17.79	3338.81
	10/25/2022	25.40		17.41	3339.19
MW-37	4/19/2022	25.10	3356.89	17.76	3339.13
	10/25/2022	25.20		17.28	3339.61
MW-38	4/19/2022	24.98	3356.78	17.85	3338.93
	10/25/2022	25.02		17.37	3339.41
MW-39	4/19/2022	29.00	3352.98	23.48	3329.50
	10/25/2022	26.75		22.20	3330.78
MW-40	4/19/2021	26.80	3352.89	23.25	3329.64
	10/25/2022	29.00		22.85	3330.04

Notes:

ft amsl = feet above mean sea level

ft btoc = feet below top of casing

ID = identification

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Table 4-2. Summary of Groundwater Analytical Results–2022

2022 Annual Groundwater Monitoring Report

Former Dowell Schlumberger Facility, Artesia, Eddy County, New Mexico

	COMPOUND	1,1-DCA	1,1-DCE	Benzene	Naphthalene	Sulfate	PCE	TOC
	UNITS	mg/L	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							
ISCO Injection Area								
MW-11	4/20/2022	**0.00279**	< 0.000216	< 0.000214	< 0.002	**2950**	< 0.0005	**1.18**
	10/26/2022	**0.00202**	< 0.000738	< 0.000533	< 0.00135	**2930**	< 0.000801	**0.783 J**
MW-12	4/20/2022	**0.0303**	**0.000866 J**	**0.000363 J**	< 0.002	**2740**	< 0.0005	**2.56**
	10/26/2022	**0.0349**	**0.0012**	**0.00354**	**0.0796**	**2560**	**0.001**	**2.02**
MW-17C	4/19/2022	< 0.000244	< 0.000216	< 0.000214	< 0.002	**2440**	< 0.0005	**0.779 J**
	10/25/2022	< 0.000635	< 0.000738	< 0.000533	< 0.00135	**2440**	< 0.000801	**0.597 J**
MW-36	4/19/2022	**0.0121**	**0.000324 J**	**0.000658 J**	< 0.002	**2130**	**0.00566**	**12.7**
	10/25/2022	**0.0111**	< 0.000738	**0.000897 J**	< 0.00135	**2200**	**0.00294**	**6.88**
MW-37	4/19/2022	**0.0124**	**0.00171**	**0.000492 J**	< 0.002	**2830**	**0.00192**	**1.67**
	10/26/2022	**0.0638**	**0.00261**	**0.00639**	**0.0017 J**	**728**	**0.00544**	**152**
MW-38	4/19/2022	**0.0626**	**0.00141**	**0.00119**	< 0.002	**2850**	**0.00271**	**2.23**
	10/25/2022	**0.0669**	**0.00122**	**0.00471**	**0.0036 J**	**2080**	**0.00177**	**26.4**
Downgradient Area								
MW-22	10/26/2022	< 0.000635	< 0.000738	< 0.000533	< 0.00135	--	< 0.000801	--
MW-25	10/26/2022	< 0.000635	< 0.000738	< 0.000533	< 0.00135	--	< 0.000801	--
MW-28	4/19/2022	**0.00246**	**0.00362**	< 0.000214	< 0.002	--	**0.00535**	--
	10/26/2022	< 0.000635	**0.00231**	< 0.000533	< 0.00135	--	**0.00297**	--
MW-29	4/19/2022	**0.00404**	**0.00657**	< 0.000214	< 0.002	--	**0.0119**	--
	10/26/2022	**0.00377**	**0.00804**	< 0.000533	< 0.00135	--	**0.0135**	--
MW-30	4/19/2022	< 0.000244	**0.00181**	< 0.000214	< 0.002	--	**0.00311**	--
	10/26/2022	**0.000995 J**	**0.00256**	< 0.000533	< 0.00135	--	**0.00326**	--
MW-31	4/19/2022	**0.000278 J**	< 0.000216	< 0.000214	< 0.002	--	< 0.0005	--
	10/26/2022	**0.00291**	< 0.000738	< 0.000533	< 0.00135	--	< 0.000801	--
MW-32	10/26/2022	< 0.000635	< 0.000738	< 0.000533	< 0.00135	--	< 0.000801	--
MW-34	10/26/2022	< 0.000635	< 0.000738	< 0.000533	< 0.00135	--	< 0.000801	--
MW-35	4/19/2022	--	**0.0107**	--	--	--	**0.0118**	--
	10/25/2022	--	**0.0135**	--	--	--	**0.0149**	--
MW-39	4/19/2022	--	**0.00526**	--	--	--	**0.00721**	--
	10/25/2022	--	**0.00438**	--	--	--	**0.00872**	--
MW-40	4/19/2022	--	< 0.000216	--	--	--	< 0.0005	--
	10/25/2022	--	< 0.000738	--	--	--	< 0.000801	--

Notes:

Analytical methods used include USEPA Method 8260C (VOCs), USEPA Method 300.0 (anions), and Standard Method SM5310 (TOC).

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

-- = Sample not collected for listed analyte.

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

mg/L = milligram(s) per liter

NMWQCC = New Mexico Water Quality Control Commission

PCE = tetrachloroethene

TOC = total organic carbon

USEPA = U.S. Environmental Protection Agency

VOC = volatile organic compound

Table 4-3. GAC Analytical Results–2022

2022 Annual Groundwater Monitoring Report

Former Dowell Schlumberger Facility, Artesia, Eddy County, 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	4/19/2022	**0.00185**	**0.00492**	< 0.000214	< 0.002	**0.00505**
	10/25/2022	**0.00205**	**0.00581**	< 0.000533	< 0.00135	**0.00489**
MID-GAC	4/19/2022	**0.004**	**0.00246**	< 0.000214	< 0.002	< 0.0005
	10/25/2022	**0.00263**	**0.00619**	< 0.000533	< 0.00135	< 0.000801
GAC OUTLET	4/19/2022	< 0.000244	< 0.000216	< 0.000214	< 0.002	< 0.0005
	10/25/2022	**0.00426**	< 0.000738	< 0.000533	< 0.00135	< 0.000801

Notes:

Analytical method used is USEPA Method 8260C (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 = milligram(s) per liter

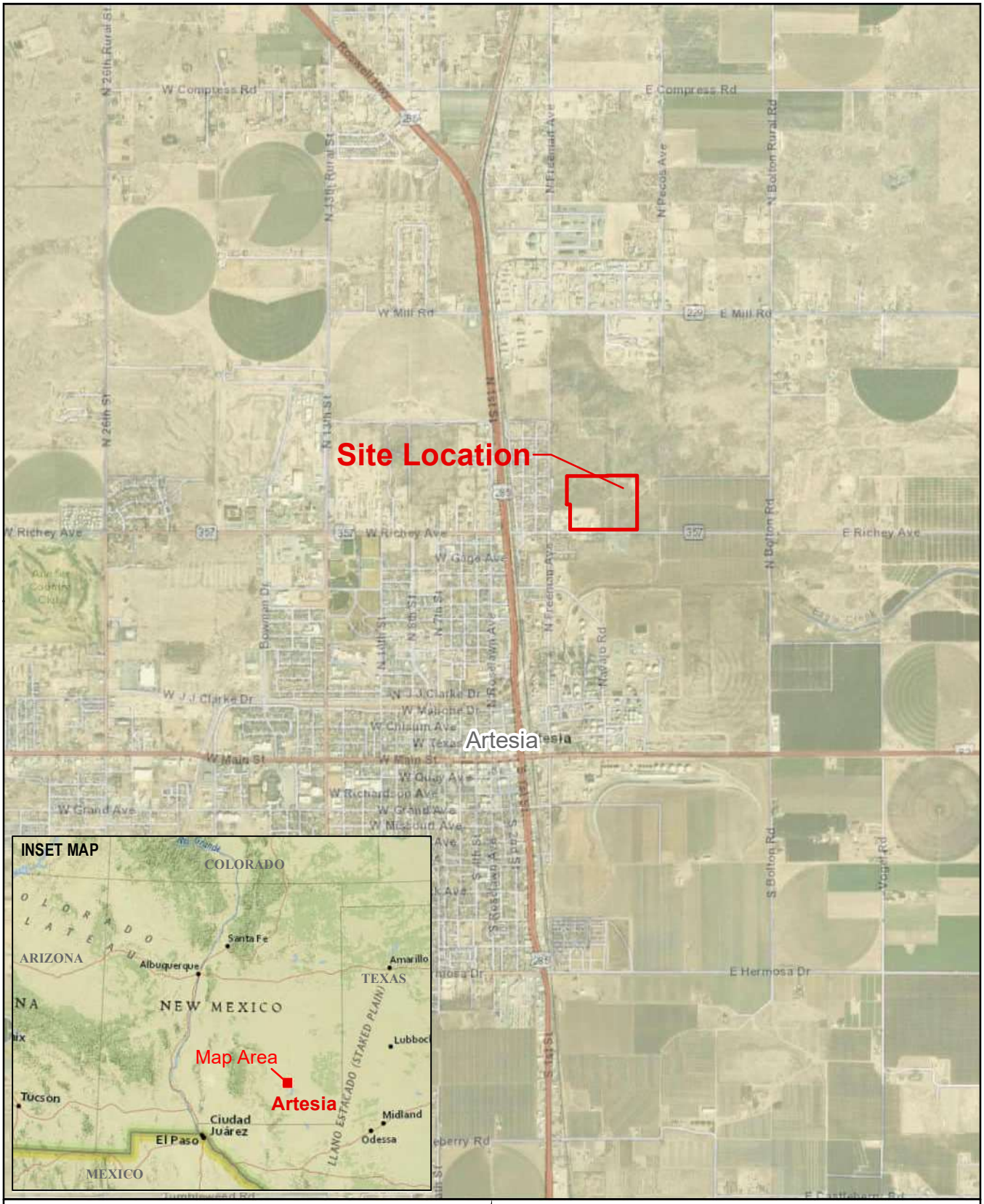
NMWQCC = New Mexico Water Quality Control Commission

PCE = tetrachloroethene

USEPA = U.S. Environmental Protection Agency

VOC = volatile organic compound

Figures



N

0 0.2 0.4

Approximate scale in miles

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

Figure 1-1.
Site Location Map
2022 Annual Groundwater Monitoring Report
Former Dowell Schlumberger Facility
Artesia, New Mexico

CH2M HILL Engineers, Inc.

\\ABQFPP01\ARCINFO\AV_PROJ\DOWELL_SCHLUMBERGER\ARTESIA_469935\MAPFILES\ANN_GW_MON_2022\FIG1-1_LOC_MAP_AGWM.MXD AESPEJO 1/24/2023

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

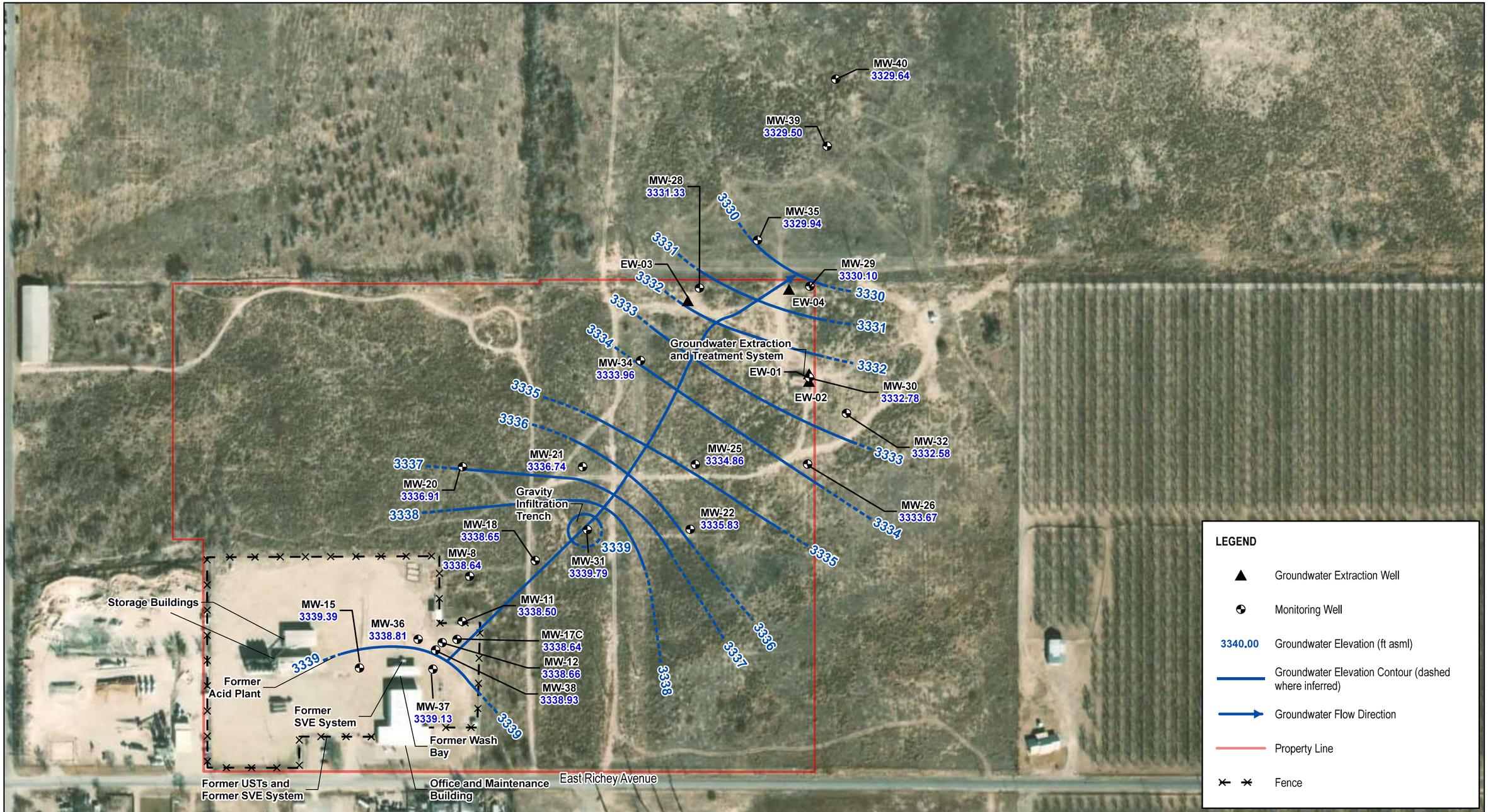
0 150 300

Approximate scale in feet

Figure 1-2.
Site Plan
2022 Annual Groundwater Monitoring Report
Former Dowell Schlumberger Facility
Artesia, New Mexico

CH2M HILL Engineers, Inc.

\\ABQFPP01\ARCINFO\AV_PROJ\DOWELL_SCHLUMBERGER\ARTESIA_469935\MAPFILES\ANN_GW_MON_2022\FIG1-2_SITE_PLAN.MXD AESPEJO 1/24/2023



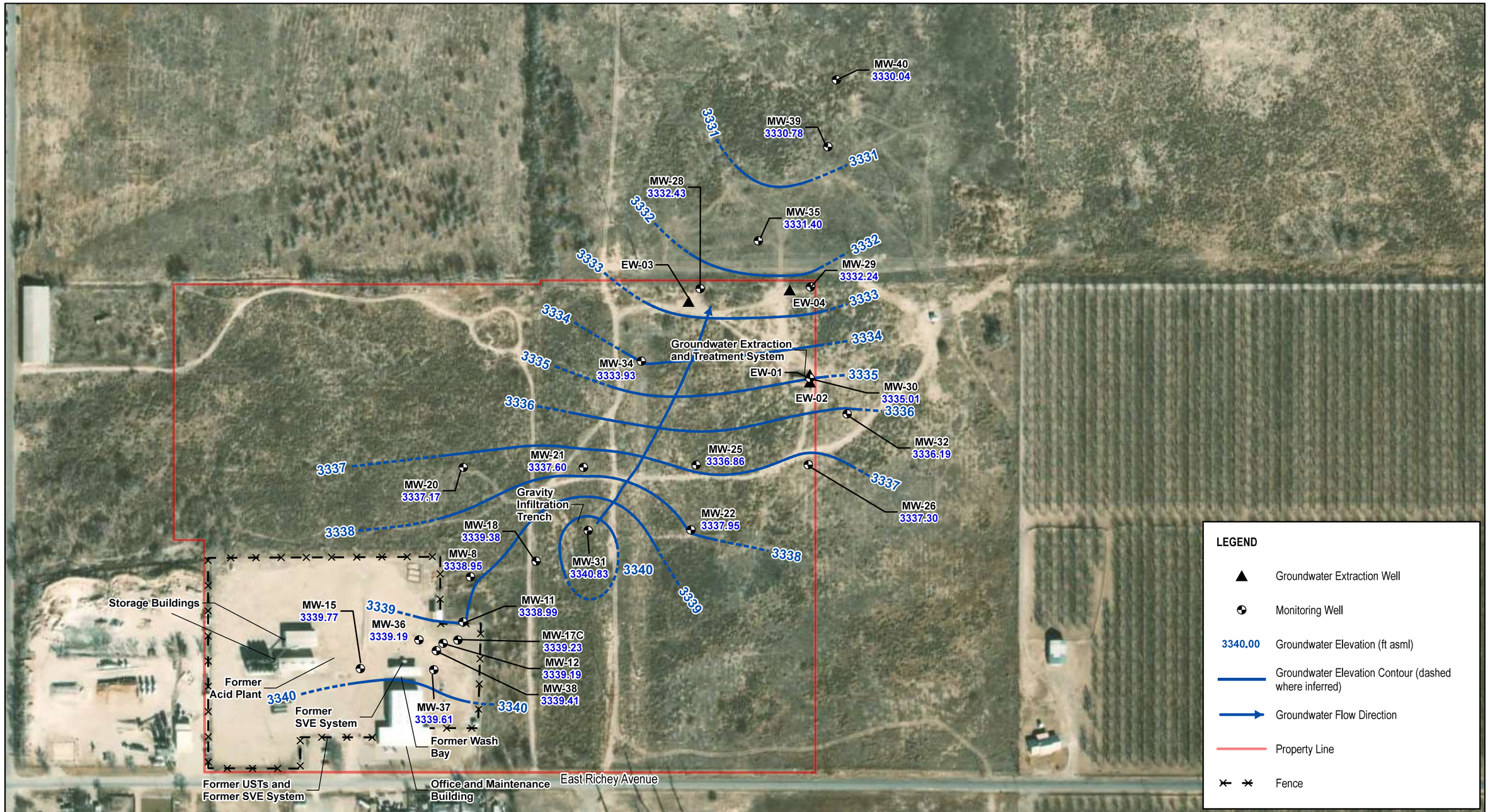
Acronyms:
ft amsl = feet above mean sea level
SVE = soil vapor extraction
UST = underground storage tank

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

Figure 4-1.
Potentiometric Surface Map - April 2022
2022 Annual Groundwater Monitoring Report
Former Dowell Schlumberger Facility
Artesia, New Mexico

CH2M HILL Engineers, Inc.

EN0223161111MKE \\AUSYD0VS01\GISPROJ\MNL_DOWELLSCHLUMBERGER_ARTESIA\GEOSPATIAL\APPS\ARCPRO\FIGURES\AGWMM_FIGURES\AGWMM_FIGURES_V2.APRX PH 2/9/2023



Acronyms:
ft amsl = feet above mean sea level
SVE = soil vapor extraction
UST = underground storage tank

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

N

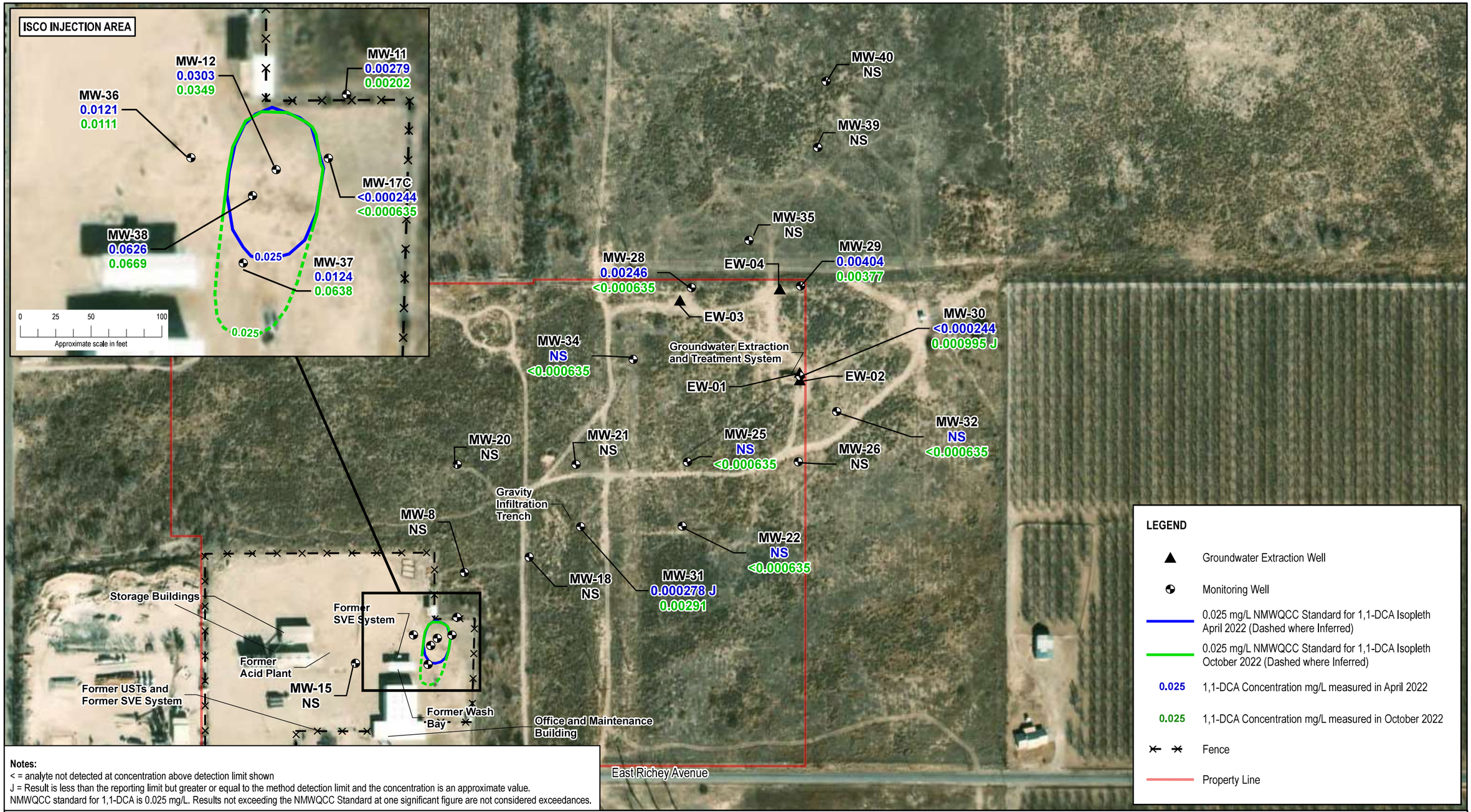
0 160 320

Approximate scale in feet

Figure 4-2.
Potentiometric Surface Map - October 2022
2022 Annual Groundwater Monitoring Report
Former Dowell Schlumberger Facility
Artesia, New Mexico

CH2M HILL Engineers, Inc.

EN0223161111MKE \\AUSYD0VS01\GISPROJ\MNL_DOWELLSCHLUMBERGER_ARTESIA\GEOSPATIAL\APPS\ARCPRO\FIGURES\AGWMM_FIGURES\AGWMM_FIGURES_V2.APRX PH 2/7/2023



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.
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.

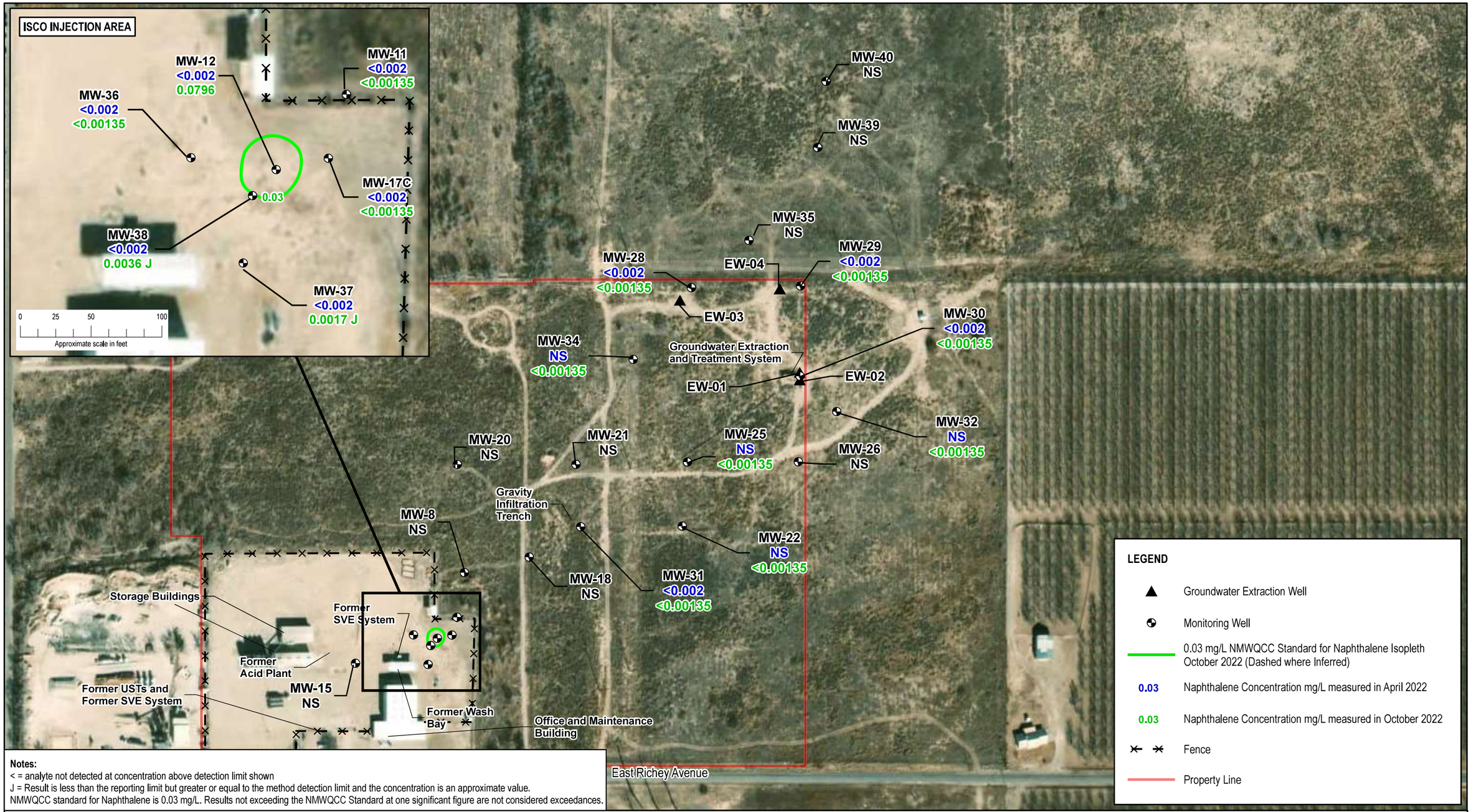
Acronyms:
1,1-DCA = 1,1-dichloroethane
ISCO = in situ chemical oxidation
mg/L= milligrams per liter
NMWQCC = New Mexico Water Quality Control Commission
NS = not sampled
SVE = soil vapor extraction
UST = underground storage tank

Source:
Jacobs, 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 - 2022
2022 Annual Groundwater Monitoring Report
Former Dowell Schlumberger Facility
Artesia, New Mexico

CH2M HILL Engineers, Inc.

EN0223161111MKE \\AUSYD0VS01\GISPROJ\MNL_DOWELLSCHLUMBERGER_ARTESIA\GEOSPATIAL\APPS\ARCPRO\FIGURES\AGWMM_FIGURES\AGWMM_FIGURES_V2.APRX PH 2/7/2023



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.
NMWQCC standard for Naphthalene is 0.03 mg/L. Results not exceeding the NMWQCC Standard at one significant figure are not considered exceedances.

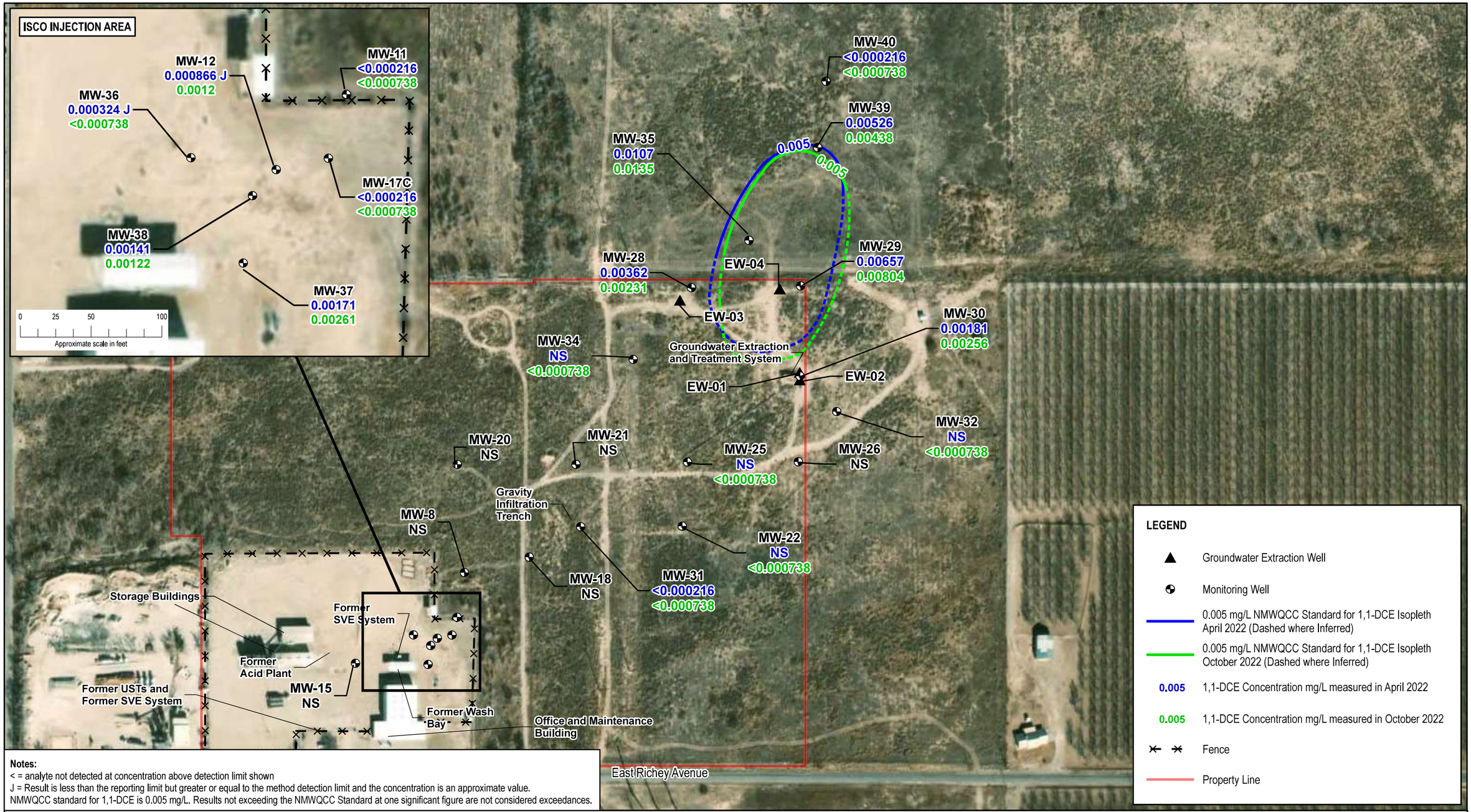
Acronyms:
ISCO = in situ chemical oxidation
mg/L= milligrams per liter
NMWQCC = New Mexico Water Quality Control Commission
NS = not sampled
SVE = soil vapor extraction
UST = underground storage tank

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

Figure 4-4.
Concentration Map for Naphthalene - 2022
2022 Annual Groundwater Monitoring Report
Former Dowell Schlumberger Facility
Artesia, New Mexico

CH2M HILL Engineers, Inc.

EN0223161111MKE \\AUSYD0VS01\GISPROJ\MNL_DOWELLSCHLUMBERGER_ARTESIA\GEOSPATIAL\APPS\ARCPRO\FIGURES\AGWMM_FIGURES\AGWMM_FIGURES_V2.APRX PH 2/7/2023



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

Figure 4-5.
Concentration Map for 1,1-DCE - 2022
2022 Annual Groundwater Monitoring Report
Former Dowell Schlumberger Facility
Artesia, New Mexico

CH2M HILL Engineers, Inc.

EN0223161111MKE \\AUSYD0VS01\GISPROJ\MNL_DOWELLSCHLUMBERGER_ARTESIA\GEOSPATIAL\APPS\ARCPRO\FIGURES\AGWMM_FIGURES\AGWMM_FIGURES_V2.APRX PH 2/7/2023

Appendix A
New Mexico Oil Conservation Division Correspondence

From:	Schneider, Monica/PNS
To:	Billings, Bradford, EMNRD
Cc:	Strunk Jr, Jim (J); Dawn Greening; Urann, David/BOS; Forsberg, Aleeca/ABQ; Ried, Kathi/MKE; Perlmutter, Mike/ATL
Subject:	RE: [EXTERNAL] Dowell Schlumberger Facility, 507 East Richey, Artesia, NM
Date:	Friday, May 13, 2022 12:29:41 PM

Good afternoon, Brad.
Thank you very much for your review and approval of the 2021 Annual Report.

Per your approval email below, I just want to re-iterate that we will do as you prescribe as follows moving forward:

- Allow 48 hour notification to OCD of scheduled salient events on site, including sampling, and include said notification(s) in associated report(s).
- In future reports, please allow for a signature page for OCD to sign within body of report.

Have a great weekend,
Monica

From: Billings, Bradford, EMNRD <Bradford.Billings@state.nm.us>
Sent: Friday, May 13, 2022 12:13 PM
To: Schneider, Monica/PNS <Monica.Schneider@jacobs.com>
Subject: RE: [EXTERNAL] Dowell Schlumberger Facility, 507 East Richey, Artesia, NM

05/13/2022
Monica Schneider
JACOBS

Re: Dowell Schlumberger Facility, 507 East Richey, Artesia, NM

Dear Monica,

As per the Recommendations indicated below and extracted form the 2021 Annual Report on referenced location/site the following:

The recommendations, as of this report, are APROVED (as written) by the Oil Conservation Division (OCD). Should circumstances change, please keep OCD informed. Please allow 48 hour notification to OCD of scheduled salient events on site, including sampling, and include said notification(s) in associated report(s).

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 2021 ANNUAL GROUNDWATER MONITORING REPORT FORMER DOWELL SCHLUMBERGER FACILITY, ARTESIA, NEW MEXICO 5-2 FES0128222202PNS 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.

In future reports, please allow for a signature page for OCD to sign within body of report. Easier data management.

Sincerely,

Bradford Billings
EMNRD/OCD

From: Schneider, Monica/PNS <Monica.Schneider@jacobs.com>
Sent: Friday, May 13, 2022 8:08 AM
To: Billings, Bradford, EMNRD <Bradford.Billings@state.nm.us>
Subject: RE: [EXTERNAL] Dowell Schlumberger Facility, 507 East Richey, Artesia, NM

That would be great, thank you! I will send you a Teams meeting request for 10 Mountain time.

From: Billings, Bradford, EMNRD <Bradford.Billings@state.nm.us>
Sent: Friday, May 13, 2022 8:59 AM
To: Schneider, Monica/PNS <Monica.Schneider@jacobs.com>
Subject: RE: [EXTERNAL] Dowell Schlumberger Facility, 507 East Richey, Artesia, NM

Sure how abut 10 AM today Friday13.

Bradford

From: Schneider, Monica/PNS <Monica.Schneider@jacobs.com>
Sent: Thursday, May 12, 2022 2:35 PM
To: Billings, Bradford, EMNRD <Bradford.Billings@state.nm.us>
Subject: [EXTERNAL] Dowell Schlumberger Facility, 507 East Richey, Artesia, NM

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good afternoon, Brad.
I was wondering if you had any time over the next few days to have a quick phone call for a question.

Thank you!
Monica

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

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Forsberg, Aleeca

From: Billings, Bradford, EMNRD <Bradford.Billings@emnrd.nm.gov>
Sent: Friday, October 21, 2022 9:40 AM
To: Forsberg, Aleeca
Cc: Dawn Greening; Strunk Jr, Jim (J); Schneider, Monica; Scott, Sally; Booth, McKenze
Subject: RE: [EXTERNAL] Former Dowell Schlumberger Facility, 507 East Richey Avenue, Artesia, NM - notification of upcoming field activities

Hello,

Thank you for the notification. Please include copy of this communication in allied report(S).

Bradford Billings
EMNRD/OCD

From: Forsberg, Aleeca <Aleeca.Forsberg@jacobs.com>
Sent: Friday, October 21, 2022 8:53 AM
To: Billings, Bradford, EMNRD <Bradford.Billings@emnrd.nm.gov>
Cc: Dawn Greening <DGreening@slb.com>; Strunk Jr, Jim (J) <JStrunkjr@dow.com>; Schneider, Monica <Monica.Schneider@jacobs.com>; Scott, Sally <Sally.Scott@jacobs.com>; Booth, McKenze <McKenze.Booth@jacobs.com>
Subject: [EXTERNAL] Former Dowell Schlumberger Facility, 507 East Richey Avenue, Artesia, NM - notification of upcoming field activities

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good morning Brad,

Per the NMOCD approval of the 2021 Annual Report for the Dowell Schlumberger Facility, 507 East Richey, Artesia, NM, we are providing this 48-hour notification of upcoming field activities including semiannual groundwater sampling and operations and maintenance of the groundwater extraction and treatment system. Jacobs personnel will be onsite from Tuesday, October 25th through Thursday, October 27th.
If you have any questions or concerns, please feel free to contact me or our field lead, Mac Booth (262.227.2781).

Regards,

Aleeca Forsberg (she/her), P.G.| Project Manager
3721 Rutledge Rd NE Ste B-1
Albuquerque, NM 87109

C: 505.918.1800
aleeca.forsberg@jacobs.com

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Appendix B
Performance Monitoring Field Data Sheets

PROJECT NUMBER	WELL ID	Purge Date:
D35426D3	MW-11	04/20/22

GROUNDWATER SAMPLING FIELD DATA SHEET

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

WEATHER (wind/temp/ppt): cloudy, slight wind OTHER NOTABLE FIELD CONDITIONS: None

INITIAL ORGANIC VAPOR METER READINGS: 0.0 ppm

INITIAL DEPTH TO WATER: 17.77 TOTAL DEPTH OF WELL: 30.32 SCREENED INTERVAL: 15-25

PURGE VOLUME CALCULATION: N/A

METHOD OF PURGING (circle): peristaltic pump submersible pump

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

MONITORING EQUIPMENT USED: 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
0940	START	18.03	21.88	6.58	0	5.81	.30	107	
0945	.96	18.04	21.97	6.55	0	5.64	.17	112	
0950	1.5	18.04	21.97	6.53	6	5.50	.03	119	
0955	2.5	18.06	21.31	6.52	0	5.51	.18	128	
1000	3.5	18.06	21.53	6.51	0	5.45	.18	127	
1005	4.0	18.08	21.48	6.51	0	5.42	.17	123	
1010	4.5	18.08	21.64	4.51	0	5.40	.15	128	
1015	STOP	Smokes		Collected @ 1020					
		~4.5	gallons	removed					

Sample Information

SAMPLE DATE: 04/20/22 SAMPLE TYPE: grab SAMPLE MATRIX: groundwater

SAMPLING PERSONNEL: Luke Collis

SAMPLING METHOD: Peri Pump

SAMPLE ID(s): Artesia - MW11-04202022; Artesia - MD11-04202022 SAMPLE TEMP/pH/EC/TURB/DO: see last entry, above

DUPLICATE/BLANK SAMPLE ID(s): Artesia - MD11-04202022

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.): None

Sample ID	Sample Time	Sample Containers No.	Volume/Type	Preservatives (Ice, acids, bases, others)	Analytical Method	Laboratory
See Above		3 X	40 ml VOA	HCl	8260C	Xenco Houston
		1	Amber 500 ml	Sulfuric Acid	5310C	Xenco Houston
		1	Poly 250 ml	—	300 ORGFM	Xenco Houston

Initials of sampling personnel LC

GWSample-PurgeForms_template.xlsx

PROJECT NUMBER D3542603 | WELL ID MW-12 | Purge Date: 04/20/22

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT: Former Dowell Schlumberger-Artesia LOCATION: Artesia, NM
WEATHER (wind/temp/ppt): Cloudy, slight wind OTHER NOTABLE FIELD CONDITIONS:
INITIAL ORGANIC VAPOR METER READINGS:
INITIAL DEPTH TO WATER: 17.85 TOTAL DEPTH OF WELL: 25.65 SCREENED INTERVAL: 15-25
PURGE VOLUME CALCULATION: NA
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

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
0815	START	18.18	20.15	6.22	39.1	5.30	1.47	-63	
0820	.2	18.19	20.23	6.24	21.9	5.29	.65	-72	
0830	.4	18.2	20.23	6.24	24.7	5.29	.86	-76	
0835	.8	18.2	20.33	6.25	20.6	5.28	.51	-79	
0840	1.1	18.2	20.42	6.25	15.7	5.26	.25	-82	
0845	1.3	18.2	20.43	6.25	12.1	5.26	.25	-82	
0850	1.6	18.2	20.84	6.25	9.2	5.23	.30	-82	
0855	2.1	18.2	20.93	6.23	7.3	5.12	.41	-81	
0900	2.6	18.2	20.92	6.23	6.4	5.08	.43	-82	
0905	STOP	Samples taken at 0910							
		~2.5 gallons removed							

Sample Information

SAMPLE DATE: 04/20/22 SAMPLE TYPE: grab SAMPLE MATRIX: groundwater
SAMPLING PERSONNEL: Luke Colla
SAMPLING METHOD: Pes. Pump SAMPLE TEMP/pH/EC/TURB/DO: see last entry, above
SAMPLE ID(s): Artesia-MW12-04202022 DUPLICATE/BLANK SAMPLE ID(s): NA
NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.): NA

Sample ID	Sample Time	Sample Containers No.	Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method	Laboratory
See Above		3 x	40 ml VOA	HCl	8260C	Xenco Houston
		1	1 L Poly 250 mL	—	300.0 ORG PM	Xenco Houston
		1	Amber 500 ml	Sulfuric Acid	5310C TOC	Xenco Houston

Initials of sampling personnel LC

GWSample-PurgeForms_template.xlsx

PROJECT NUMBER	WELL ID	Purge Date:
D35426D3	MW-17C	4/19/22

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT: Farmer Dowell Schlumberger - Artesia LOCATION: Artesia NM

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

INITIAL ORGANIC VAPOR METER READINGS: 0.0 ppm

INITIAL DEPTH TO WATER: 17.91 TOTAL DEPTH OF WELL: 62.26 SCREENED INTERVAL: 50-60

PURGE VOLUME CALCULATION: NA

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 / 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
1625	START	18.12	22.29	6.78	0.0	3.94	.22	137	
1630	.2	18.05	22.56	6.73	0	3.91	.12	164	
1635	.4	18.06	22.44	6.69	0	3.91	.09	79	
1640	.6	18.05	22.41	6.67	0	3.90	.05	88	
1645	1.0	18.05	21.33	6.67	0	3.90	.04	94	
1650	1.3	18.05	21.43	6.67	3.5	3.90	.04	98	
1655	1.5	18.05	21.24	6.67	2.3	3.89	.02	101	
1700	STOP	Samples collected at 1705							
		1.65 gallons removed							

Sample Information

SAMPLE DATE: 04/19/22 SAMPLE TYPE: grab SAMPLE MATRIX: groundwater

SAMPLING PERSONNEL: Luke Collis

SAMPLING METHOD: Peri Pump

SAMPLE ID(s): Artesia - MW-17C - 041922 SAMPLE TEMP/pH/EC/TURB/DO: see last entry, above

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.): NA DUPLICATE/BLANK SAMPLE ID(s): NA

Sample ID	Sample Time	Sample Containers No.	Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method	Laboratory
See Above		3 x	40 mL VOA	HCl	8260	Xenco Houston
		1 Poly	250 ml		300.0 Rg 28D	Xenco Houston
		1 Amber	500 ml	Sulfuric Acid	5310 C	Xenco Houston

Initials of sampling personnel LC

GWSample-PurgeForms_template.xlsx

PROJECT NUMBER	WELL ID	Purge Date:
D35426D3	MW-36	04/19/22

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT: Former Dowell-Schlumberger-Artesia LOCATION: Artesia NM

WEATHER (wind/temp/ppt): Cloudy, no wind OTHER NOTABLE FIELD CONDITIONS: N/A

INITIAL ORGANIC VAPOR METER READINGS: 0.2 ppm

INITIAL DEPTH TO WATER: 19.79 TOTAL DEPTH OF WELL: 25.37 SCREENED INTERVAL: 15-25

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

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
1140			21.1	6.18	52.2	5.23	1.09	-1.08	Saw Sheen
1145	.6	18.4	21.15	6.22	22.7	5.05	.85	-1.06	
1150	1.0	18.85	21.49	6.26	12.9	4.77	.56	-1.11	
1155	1.4	19.07	21.61	6.27	7.4	4.86	.48	-1.10	
1200	1.8	19.22	21.41	6.28	3.7	4.71	.45	-1.18	
1205	2.0	19.49	21.91	6.29	.7	4.69	.36	-1.18	
1210	2.3	19.7	21.82	6.31	0	4.88	.34	-1.19	
1215	2.5	19.71	22.03	6.32	0	4.80	.35	-1.10	
1220	STOP	Samples taken @ 1225							
		~2.5 gallons removed							

Sample Information

SAMPLE DATE: 4/19/22 SAMPLE TYPE: grab SAMPLE MATRIX: groundwater

SAMPLING PERSONNEL: Luke Collis

SAMPLING METHOD: Peri Pump

SAMPLE ID(s): Artesia-MW-36-041922 SAMPLE TEMP/pH/EC/TURB/DO: see last entry, above

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.): None DUPLICATE/BLANK SAMPLE ID(s): MS/MSD

Sample ID	Sample Time	Sample Containers No.	Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method	Laboratory
See Above	1225	3 x 3	40 mL VOA	HCl	8260	Xenco Houston
		1	Poly 250 ml	—	300 ORG 28D	↓
	↓	1	Amber 500 ml	Sulfuric Acid	5310 C	↓

Initials of sampling personnel LC

GWSample-PurgeForms_template.xlsx

PROJECT NUMBER	WELL ID	Purge Date:
D3542603	MW-37	04/19/22

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT: Former Dowell-Schlumberger-Artesia LOCATION: Artesia NM

WEATHER (wind/temp/ppt): cloudy, light wind OTHER NOTABLE FIELD CONDITIONS: none

INITIAL ORGANIC VAPOR METER READINGS: 0.0ppm

INITIAL DEPTH TO WATER: 17.76 TOTAL DEPTH OF WELL: 25.10 SCREENED INTERVAL: 5-25

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

Time	Total volume (gals)	Water Level (ft bloc)	Temp (°C)	pH	Turbidity (NTU)	Conductivity (mS/cm)	DO (mg/L)	ORP (millivolts)	Remarks (color, odor, sheen, sediment, etc.)
		<= 0.33 ft	+/- 1	+/- 10%	10% or <10 NTU	+/-3%	10% or <0.5 mg/L	+/- 10%	Stabilization parameters
1440		18.2	22.15	6.53	275	4.75	1.06	109	
1445	.4	18.2	22.29	6.50	37.0	4.72	.77	156	
1450	.60	18.2	22.41	6.49	82.7	4.74	.68	168	
1455	1.0	18.2	22.37	6.48	11.4	4.73	.60	170	
1500	1.3	18.2	23.02	6.48	18.2	4.44	.67	175	
1505	1.9	18.2	22.81	6.62	34.2	4.19	3.95	153	
1510	2.3	18.22	22.43	6.62	10.7	4.70	3.40	170	
1515	2.4	18.23	22.44	6.61	40.4	4.73	3.29	157	
1520	2.7	18.24	22.30	6.62	31.9	4.72	3.47	157	
1525	3.0	18.25	22.34	6.62	2.5	4.71	3.52	180	
1530	3.2	18.25	22.33	6.61	[illegible]	4.67	3.32	188	
1535	3.5		22.27	6.63	7.3	4.46	3.80	192	
1540	STOP	Samples collected at 1545							
		~ 3.5 gallons removed							

Sample Information

SAMPLE DATE: 04/19/22 SAMPLE TYPE: grab SAMPLE MATRIX: groundwater

SAMPLING PERSONNEL: Luke Collis

SAMPLING METHOD: Peri Pump

SAMPLE ID(s): Artesia-MW-37-041922 SAMPLE TEMP/pH/EC/TURB/DO: see last entry, above

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.): none DUPLICATE/BLANK SAMPLE ID(s): —

Sample ID	Sample Time	Sample Containers No.	Sample Containers Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method	Laboratory
See Above		3X	40ML VOA	HCl	8260	Xenco Hobbs
		1 Poly	250ml	[illegible]	300.0 R6 28D	
		1 Amber	500ml	Sulfuric Acid	5310 C	

Initials of sampling personnel LC

GWSample-PurgeForms_template.xlsx

PROJECT NUMBER	WELL ID	Purge Date:
D3542603	MW-38	04/19/22

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT: Former Dowell Schlumberger - Artesia LOCATION: Artesia NM

WEATHER (wind/temp/ppt): cloudy, light wind OTHER NOTABLE FIELD CONDITIONS: none

INITIAL ORGANIC VAPOR METER READINGS: 0.0 ppm

INITIAL DEPTH TO WATER: 17.85 TOTAL DEPTH OF WELL: 24.98 SCREENED INTERVAL: 15-25

PURGE VOLUME CALCULATION: NA

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 / 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
1315		18.1	24.23	6.41	20.4	4.91	.81	121	
1320	.5	18.12	24.07	6.39	19.2	4.87	1.26	156	
1325	.75	18.13	23.13	6.37	[illegible]4	5.01	1.77	181	
1330	1.0	18.15	22.94	6.37	11.8	5.01	1.65	194	
1335	1.5	18.18	22.82	6.35	.2	4.98	2.18	168	
1340	2.0	18.18	22.80	6.34	0	5.04	1.96	80	
1345	2.3	18.19	22.67	6.34	0	5.09	1.70	59	
1350	2.5	18.2	22.67	6.34	0	5.06	1.43	51	
1355	2.7	18.21	22.68	6.34	0	5.06	1.29	50	
1400	3.0	18.23	22.72	6.34	0	4.98	1.19	47	
1405	3.3	18.24	22.74	6.34	0	5.02	1.11	46	
1410	3.5	18.25	22.75	6.34	0	5.01	1.08	45	
1415	STOP	Collected	Samples	at	1420				

Sample Information

SAMPLE DATE: 04/19/22 SAMPLE TYPE: grab SAMPLE MATRIX: groundwater

SAMPLING PERSONNEL: Lufe, Collis

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

SAMPLE ID(s): Artesia - MW-38 - 041922 DUPLICATE/BLANK SAMPLE ID(s): —

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.): NONE

Sample ID	Sample Time	Sample Containers No.	Volume/Type	Preservatives (Ice, acids, bases, others)	Analytical Method	Laboratory
See above	1420	3 X	40 ML VOA	HCl	8260	Xenco Hous
	↓	1 Poly	250 ML	—	300.0 28D	↓
		1 Amber	500 ML	Sulfuric Acid	5310 C	

Initials of sampling personnel LC

GWSample-PurgeForms_template.xlsx

PROJECT NUMBER	WELL ID	Purge Date:
D3542603	MW-11	10/26/2022

GROUNDWATER SAMPLING FIELD DATA SHEET

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

WEATHER (wind/temp/ppt): NO WIND 60°F CLEAR SKIES OTHER NOTABLE FIELD CONDITIONS: NONE

INITIAL ORGANIC VAPOR METER READINGS: 0.0 PPM

INITIAL DEPTH TO WATER: 17.45 TOTAL DEPTH OF WELL: 30.4 SCREENED INTERVAL: →

PURGE VOLUME CALCULATION: y NA

METHOD OF PURGING (circle): peristaltic pump

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

MONITORING EQUIPMENT USED: HORIBA U-52

Well Purging Information

Time	Total volume (gals)	Water Level (ft bloc) <= 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
12:16	0	17.45	24.25	7.56	36.5	5.69	3.42	-82	CLEAR, LITTLE SED.
12:21	0.05	17.45	23.51	7.35	18.5	5.63	2.45	-59	"
12:26	0.10	17.45	23.00	7.28	14.5	5.59	2.21	-59	"
12:31	0.15	17.45	22.80	7.22	12.2	5.56	2.06	-63	"
12:36	0.20	17.45	21.99	7.19	11.5	5.47	2.06	-65	"
12:41	0.25	17.45	21.75	7.18	1.5	5.45	2.06	-64	"
12:46	0.30	17.43	21.61	7.16	0.0	5.39	2.05	-68	"
12:51	0.35	17.45	21.65	7.14	4.5	5.40	2.05	-67	"
			STABLE						

Sample Information

SAMPLE DATE: 10/26/2022 SAMPLE TYPE: grab SAMPLE MATRIX: groundwater

SAMPLING PERSONNEL: MJF

SAMPLING METHOD: LOW FLOW SAMPLE TEMP/pH/EC/TURB/DO: see last entry, above

SAMPLE ID(s): ARTESIA-MW11-10262022 DUPLICATE/BLANK SAMPLE ID(s): ARTESIA-MD11-10262022

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.): NONE

Sample ID	Sample Time	No.	Sample Containers Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method	Laboratory
SEE ABOVE	1255	6	40mL VOA	HCl (VOCs)	VOCs	EUROFINS XENCO
	1300	2	40mL VOA	H2SO4	TOC	"
		1	250mL POLY	ICE	SULFATE	"

Initials of sampling personnel: MJF

GWSample-PurgeForms_template.xlsx

PROJECT NUMBER	WELL ID	Purge Date:
D3542603	MW-12	10/26/2022

GROUNDWATER SAMPLING FIELD DATA SHEET

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

WEATHER (wind/temp/ppt): ND WIND, 70°F, CLEAR SKIES OTHER NOTABLE FIELD CONDITIONS: none

INITIAL ORGANIC VAPOR METER READINGS: 0.1 ppm

INITIAL DEPTH TO WATER: 17.75 TOTAL DEPTH OF WELL: 25.75 SCREENED INTERVAL: ~~~

PURGE VOLUME CALCULATION: X N/A

METHOD OF PURGING (circle): peristaltic pump

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

MONITORING EQUIPMENT USED: HORIBA U-52

Well Purging Information

Date / Time	Total volume (gals)	Water Level (ft bloc) <= 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
8:31	0	17.59	18.62	6.01	38.2	5.98	5.96	57	CLEAR, SOME SED.
8:36	0.05	17.51	16.62	6.42	21.7	5.57	4.91	46	CLEAR, SEDIMENT
8:41	0.10	17.51	17.50	6.56	15.0	5.49	4.79	49	"
8:46	0.15	17.51	18.01	6.62	11.0	5.46	4.64	52	"
8:51	0.2	17.51	18.00	6.67	23.7	5.44	7.23	53	"
8:56	0.28	17.51	18.01	6.74	28.0	5.36	6.72	54	"
9:01	0.25	17.55	18.34	6.75	23.4	5.40	6.10	56	"
9:06	0.27	17.55	18.46	6.75	27.4	5.44	6.58	58	"
9:11	.30	17.55	18.60	6.76	29.2	5.40	6.23	59	"
9:16	.32	17.55	18.65	6.76	23.9	5.45	6.03	60	"
9:21	.35	17.55	18.73	6.76	22.5	5.38	5.96	60	"
9:26	.40	17.55	18.64	6.76	22.8	5.35	~~6.24~~	62	"
				STABLE					

Sample Information

SAMPLE DATE: 10/26/2022 SAMPLE TYPE: grab SAMPLE MATRIX: groundwater

SAMPLING PERSONNEL: MJF

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

SAMPLE ID(s): ARTESIA-MW12-10262022 DUPLICATE/BLANK SAMPLE ID(s): none

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.): none

Sample ID	Sample Time	Sample Containers No.	Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method	Laboratory
SEE ABOVE	0930	3	40 mL VOA	HCl	VOCs	Eurofins Xenco
		2	40 mL VOA	H_3PO_4	TOC	"
		1	250 mL POLY	ICE	SULFATE	"

Initials of sampling personnel MJF

GWSample-PurgeForms_template.xlsx

PROJECT NUMBER: D3542603 | WELL ID: MW 17 C | Purge Date: 10/25/22

GROUNDWATER SAMPLING FIELD DATA SHEET

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

WEATHER (wind/temp/ppt): NO WIND, 70°F, CLEAR SKIES OTHER NOTABLE FIELD CONDITIONS: NONE

INITIAL ORGANIC VAPOR METER READINGS: 0.1 ppm

INITIAL DEPTH TO WATER: 17.92 TOTAL DEPTH OF WELL: 62.40 SCREENED INTERVAL: ——

PURGE VOLUME CALCULATION: X

METHOD OF PURGING (circle): N/A peristaltic pump

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

MONITORING EQUIPMENT USED: HANIBA U-52

Well Purging Information

Date / Time	Total volume (gals)	Water Level (ft bloc) <= 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
10/25/22 13:51	0	17.89	22.52	7.50	5.4	4.13	2.52	68	CLEAR, SLIGHT SEDIMENT
13:56	.1	17.5	21.93	7.23	4.8	4.09	2.42	69	"
14:01	.15	17.5	21.81	7.21	4.8	4.08	2.42	71	"
14:06	.2	17.5	21.64	7.21	5.1	4.08	2.38	70	"
14:11	.25	17.5	21.51	7.22	6.0	4.10	2.34	71	"
14:16	.3	17.5	21.37	7.22	6.6	4.10	2.34	71	"
14:21	.4	17.5	21.19	7.23	4.3	4.11	2.33	72	"
14:26	.45	17.5	21.15	7.23	4.0	4.11	2.32	71	"
14:31	.5	17.5	21.13	7.23	3.0	4.12	2.32	72	"
14:36	.55	17.5	20.98	7.24	3.2	4.12	2.32	72	"
14:41	.60	17.5	20.99	7.24	3.4	4.12	2.33	73	"
14:46	.65	17.5	20.98	7.25	4.3	4.12	2.33	73	"
			STABLE						

Sample Information

SAMPLE DATE: 10/25/22 SAMPLE TYPE: grab SAMPLE MATRIX: groundwater

SAMPLING PERSONNEL: JF

SAMPLING METHOD: LOW FLOW SAMPLE TEMP/pH/EC/TURB/DO: see last entry, above

SAMPLE ID(s): ARTESIA-MW17C-10252022 DUPLICATE/BLANK SAMPLE ID(s): ——

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.): NONE

Sample ID	Sample Time	Sample Containers No.	Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method	Laboratory
SEE	1500	3	40 ML VOA	HCL	VOCs	EUROFINS XENCO
ABOVE	11	2	40 ML VOA	H_2SO_4	TOC	11
	11	1	250ML POLY	ICE	SULFATE	11

Initials of sampling personnel: MJF

GWSample-PurgeForms_template.xlsx

PROJECT NUMBER	WELL ID	Purge Date:
D3542603	MW – 96	10/25/2022

GROUNDWATER SAMPLING FIELD DATA SHEET

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

WEATHER (wind/temp/ppt): 10 mph, 70°F, clear skies OTHER NOTABLE FIELD CONDITIONS: none

INITIAL ORGANIC VAPOR METER READINGS: 0.0 ppm

INITIAL DEPTH TO WATER: 17.41 TOTAL DEPTH OF WELL: 25.40 SCREENED INTERVAL: —

PURGE VOLUME CALCULATION: N/A

METHOD OF PURGING (circle): peristaltic pump

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

MONITORING EQUIPMENT USED: Horiba U-52

Well Purging Information

Time	Total volume (gals)	Water Level (ft bloc) <= 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
~~16:07~~	0	~~17.5~~	~~22.18~~	~~6.85~~	~~9.1~~	~~4.52~~	~~2.88~~	~~14~~	~~PUMP MALFUNCTION~~
622 ~~1614~~	0.1	17.7	22.2	6.98	153	4.53	3.01	14	GREY GREEN, SOME SED.
1627	.15	17.9	22.03	6.91	60	4.50	2.77	-11	"
1632	.20	17.95	21.95	6.90	27.5	4.48	2.80	-14	"
1641	.25	17.90	21.93	6.91	88	4.48	2.10	12	"
1646	.26	17.85	21.99	6.92	24.3	4.48	2.72	4	"
1651	.30	17.85	22.04	6.93	10.9	4.44	2.53	8	MOSTLY CLEAR
1656	.32	17.85	22.06	6.93	9.4	4.42	2.53	5	"
1701	.33	17.85	22.05	6.93	8.1	4.45	2.49	9	"
1706	.35	17.85	22.03	6.94	7.5	4.41	2.47	5	"
1711	.37	17.85	22.01	6.95	7.4	4.40	2.47	7	"
1716	.38	17.85	22	6.95	6.7	4.38	2.59	12	"
1721	.39	17.85	21.99	6.97	6.4	4.37	2.42	12	"
1726	.4	17.85	21.91	6.98	6.1	4.39	2.41	9	"
				SAMPLE					

Sample Information

SAMPLE DATE: 10/25/2022 SAMPLE TYPE: grab SAMPLE MATRIX: groundwater

SAMPLING PERSONNEL: MJF

SAMPLING METHOD: LOW FLOW SAMPLE TEMP/pH/EC/TURB/DO: see last entry, above

SAMPLE ID(s): ARTESIA – MW 96 – 1025 2022 DUPLICATE/BLANK SAMPLE ID(s): —

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.): none

Sample ID	Sample Time	Sample Containers No.	Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method	Laboratory
SEE ABOVE	1800	9	40mL VOA	HCl	VOCs	EUROFINS XENCO
		2	40mL VOA	H_3PO_4	TOC	"
		1	250mL POLY	ICE	SULFATE	"

Initials of sampling personnel: MJF

GWSample-PurgeForms_template.xlsx

PROJECT NUMBER	WELL ID	Purge Date:
D3542603	MW-37	10/26/2022

GROUNDWATER SAMPLING FIELD DATA SHEET

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

WEATHER (wind/temp/ppt): NO WIND, 60° F, CLEAR SKIES OTHER NOTABLE FIELD CONDITIONS

INITIAL ORGANIC VAPOR METER READINGS: 0.1 PPM

INITIAL DEPTH TO WATER: 17.28 TOTAL DEPTH OF WELL: 25.20 SCREENED INTERVAL:

PURGE VOLUME CALCULATION: X

METHOD OF PURGING (circle): N/A peristaltic pump

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

MONITORING EQUIPMENT USED: HORIBA U-52

Well Purging Information

Time	Total volume (gals)	Water Level (ft bloc) <= 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
10:19	D	17.56	18.42	6.96	100	5.98	26.5	-225	ORAN, SLIGHT SHEEN
10:24	0.05	17.95	19.66	6.61	51.8	4.92	19.06	-299	"
10:29	0.10	18.10	19.54	6.62	42.5	4.77	15.73	-229	"
10:34	0.15	18.06	19.57	6.64	33.8	4.69	14.87	-208	"
10:39	0.20	18.15	19.75	6.64	34.3	4.68	13.48	-220	"
10:44	0.25	18.15	19.77	6.66	20.6	4.64	12.51	-214	"
10:49	.30	18.[illegible]	19.88	6.67	19.4	4.61	11.90	-217	"
10:54	.35	18.16	19.78	6.67	18.7	4.63	11.64	-214	"
10:59	.40	18.22	20.08	6.65	17.6	4.62	11.25	-226	"
				STABLE					

Sample Information

SAMPLE DATE: 10/26/2022 SAMPLE TYPE: grab SAMPLE MATRIX: groundwater

SAMPLING PERSONNEL: MJF

SAMPLING METHOD: LOW FLOW SAMPLE TEMP/pH/EC/TURB/DO: see last entry, above

SAMPLE ID(s): ARTESIA-MW37-10262022 DUPLICATE/BLANK SAMPLE ID(s): N/A

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.): NONE

Sample ID	Sample Time	Sample Containers No.	Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method	Laboratory
SEE ABOVE	1120	3	40 mL VOA	HCl	VOCs	ELDORADO XENCO
		2	40 mL VOA	H_3PO_4	TOC	"
		1	250mL POLY	ICE	SULFATE	"

Initials of sampling personnel: MJF

GWSample-PurgeForms_template.xlsx

PROJECT NUMBER	WELL ID	Purge Date:
D3542603	MW-38	10/25/2022

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT: ARTESIA — Former Dowell Schlumberger - Artesia — LOCATION: Artesia, NM

WEATHER (wind/temp/ppt): NO WIND, 70°F, CLEAR SKIES — OTHER NOTABLE FIELD CONDITIONS: NONE

INITIAL ORGANIC VAPOR METER READINGS: 0.1 ppm

INITIAL DEPTH TO WATER: 17.37 — TOTAL DEPTH OF WELL: 25.02 — SCREENED INTERVAL: —

PURGE VOLUME CALCULATION: X — N/A

METHOD OF PURGING (circle): peristaltic pump

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

MONITORING EQUIPMENT USED: HARIBA 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
10/25/22 11:22	0	17.66	20.80	6.33	92.9	5.41	9.82	-160	INITIAL SEDIMENT, DARK GRAY
11:27	.1	17.70	21.38	6.45	32.1	5.28	12.94	-176	"
11:32	.15	17.70	21.50	6.47	29.4	5.15	11.52	-186	"
11:37	.16	17.70	21.56	6.48	20.3	5.13	11.22	-190	CLEAR, SOME NTU
11:	SCREEN	GW	HARIBA	BECAME	MALFUNCTIONAL				DARK COLOR, SOME SED.
11:47	.2	17.75	21.91	6.5	34.3	5.16	9.31	-194	"
11:52	.25	17.80	21.86	6.5	30.8	5.13	8.83	-192	"
11:57	.3	17.80	21.86	6.5	30.8	5.13	8.83	-192	DARK COLOR
12:02	.35	17.82	21.86	6.5	30.8	5.13	8.83	-192	
		stable							

Sample Information

SAMPLE DATE: 10/25/22 — SAMPLE TYPE: grab — SAMPLE MATRIX: groundwater

SAMPLING PERSONNEL: JF

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

SAMPLE ID(s): Artesia-MW38-10252022 — DUPLICATE/BLANK SAMPLE ID(s): —

NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.): none

Sample ID	Sample Time	Sample Containers No.	Sample Containers Volume/Type	Preservatives (ice, acids, bases, others)	Analytical Method	Laboratory
See Above	1211	3	40 mL Voa	HCl	VOCs	Cardinal
		2	40 mL Voa	H_3PO_4	TOC	"
		1	250 mL Poly	ICE	Sulfate	"

Initials of sampling personnel: MJF

GWSample-PurgeForms_template.xlsx

Appendix C
Laboratory Analytical Reports and Data Validation Checklists

Data Usability Review: Data Package

Client Name:	**Former Dowell Schlumberger Facility, Artesia, New Mexico**	Project Number:	**D3542603.A.CS.EV.AR.22-05-03**
Project / Affected Property:	**1H2022 Groundwater**	Project Manager:	**Aleeca Forsberg/ABQ**
Laboratory:	**Eurofins Xenco Stafford**	Lab SDG # / Job #:	**860-24865-1**
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?	☑	☐	☐	
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 and TOC: No DV flags applied

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

Client Name:	**Former Dowell Schlumberger Facility, Artesia, New Mexico**	Project Number:	**D3542603.A.CS.EV.AR.22-05-03**
Project / Affected Property:	**1H2022 Groundwater**	Project Manager:	**Aleeca Forsberg/ABQ**
Laboratory:	**Eurofins Xenco Stafford**	Lab SDG # / Job #:	**860-24865-1**
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

MB: Tetrachloroethane was detected at 0.001021 mg/L in the method blank for analytical batch 860-49900 but associated detections in field samples were > 5 times the method blank concentration so no qualifiers were applied.

MS: 1,1-dichloroethane was recovered high in 860-24865-14 MS/MSD (analytical batch 860-49900). Detection in parent sample was qualified J.

TB: No target VOCs detected in trip blank Artesia-TB01-04192022.

TB: No target VOCs detected in trip blank Artesia-TB02-04192022.

FD: Precision between Artesia-MW30-04192022 and its field duplicate Artesia-MD30-04192022 was within acceptance criteria.

FD: Precision between Artesia-MW11-04192022 and its field duplicate Artesia-MD11-04192022 was within acceptance criteria.

Data Usability Review: Sulfate (EPA 300) and TOC (5310C)

Client Name:	**Former Dowell Schlumberger Facility, Artesia, New Mexico**	Project Number:	**D3542603.A.CS.EV.AR.22-05-03**
Project / Affected Property:	**1H2022 Groundwater**	Project Manager:	**Aleeca Forsberg/ABQ**
Laboratory:	**Eurofins Xenco Stafford**	Lab SDG # / Job #:	**860-24865-1**
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: Precision between Artesia-MW11-04192022 and its field duplicate Artesia-MD11-04192022 was within acceptance criteria.

CB: Sulfate was detected in calibration blanks at 0.1145 mg/L and 0.1092 mg/L, but all detections were >> 5x the blank concentrations so no qualifiers were applied.

eurofins | Environment Testing America

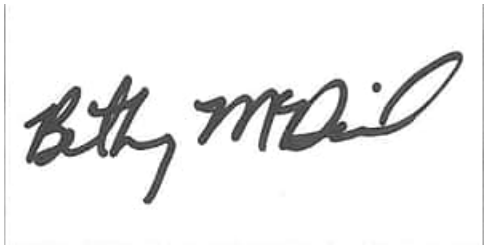
ANALYTICAL REPORT

Job Number: 860-24865-1

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
4/29/2022 9:12 PM

Bethany A McDaniel, Senior Project Manager
4145 Greenbriar Dr, Stafford, TX, 77477
(713)358-2005
Bethany.McDaniel@et.eurofinsus.com
04/29/2022

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 Houston
4145 Greenbriar Dr, Stafford, TX 77477
Tel (281) 240-4200 www.EurofinsUS.com

Table of Contents

Cover Title Page 1
Data Summaries 5
Definitions 5
Case Narrative 6
Detection Summary 7
Client Sample Results 10
Default Detection Limits 21
Surrogate Summary 22
QC Sample Results 24
QC Association 30
Chronicle 32
Certification Summary 36
Method Summary 37
Sample Summary 38
Manual Integration Summary 39
Organic Sample Data 59
GC/MS VOA 59
Method 8260C 59
Method 8260C QC Summary 60
Method 8260C Sample Data 98
Standards Data 134
Method 8260C ICAL Data 134
Method 8260C CCAL Data 430
Raw QC Data 447
Method 8260C Blank Data 447
Method 8260C LCS/LCSD Data 451

Table of Contents

Method 8260C MS/MSD Data 459
Method 8260C Run Logs 461
Method 8260C Prep Data 469
HPLC/IC 480
Method 300.0 480
Method 300.0 QC Summary 481
Method 300.0 Sample Data 485
Standards Data 491
Method 300.0 ICAL Data 491
Method 300.0 CCAL Data 505
Raw QC Data 519
Method 300.0 Blank Data 519
Method 300.0 LCS/LCSD Data 528
Method 300.0 Run Logs 531
Method 300.0 Prep Data 540
Inorganic Sample Data 542
General Chemistry Data 542
Gen Chem Cover Page 543
Gen Chem Sample Data 544
Gen Chem QC Data 550
Gen Chem ICV/CCV 550
Gen Chem Blanks 552
Gen Chem LCS/LCSD 553
Gen Chem MDL 556
Gen Chem Analysis Run Log 560
Gen Chem Prep Data 563

Table of Contents

Shipping and Receiving Documents 565
Client Chain of Custody 566
Sample Receipt Checklist 568

Definitions/Glossary

Client: Jacobs Engineering Group, Inc.
Job ID: 860-24865-1
Project/Site: Dowell - Artesia

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
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
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
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
860-24865-1

Receipt
The samples were received on 4/21/2022 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 1.6°C

GC/MS VOA
Method 8260C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 860-49900 were outside control limits. The associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8260C: The method blank for analytical batch 860-49900 contained Tetrachloroethene above the reporting limit (RL). Associated sample(s) that were not re-analyzed because results were greater than 10X the value found in the method blank.

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.

General Chemistry
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: 860-24865-1

Client Sample ID: Artesia-TB01-04192022 — Lab Sample ID: 860-24865-1

No Detections.

Client Sample ID: Artesia-Inlet-04192022 — Lab Sample ID: 860-24865-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.00492		0.00100	0.000216	mg/L	1		8260C	Total/NA
1,1-Dichloroethane	0.00185		0.00100	0.000244	mg/L	1		8260C	Total/NA
Tetrachloroethene - RA	0.00505		0.00100	0.000500	mg/L	1		8260C	Total/NA

Client Sample ID: Artesia-MID-04192022 — Lab Sample ID: 860-24865-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.00246		0.00100	0.000216	mg/L	1		8260C	Total/NA
1,1-Dichloroethane	0.00400		0.00100	0.000244	mg/L	1		8260C	Total/NA

Client Sample ID: Artesia-Outlet-04192022 — Lab Sample ID: 860-24865-4

No Detections.

Client Sample ID: Artesia-MW40-04192022 — Lab Sample ID: 860-24865-5

No Detections.

Client Sample ID: Artesia-MW39-04192022 — Lab Sample ID: 860-24865-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.00526		0.00100	0.000216	mg/L	1		8260C	Total/NA
Tetrachloroethene - RA	0.00721		0.00100	0.000500	mg/L	1		8260C	Total/NA

Client Sample ID: Artesia-MW35-04192022 — Lab Sample ID: 860-24865-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.0107		0.00100	0.000216	mg/L	1		8260C	Total/NA
Tetrachloroethene	0.0118	B	0.00100	0.000500	mg/L	1		8260C	Total/NA

Client Sample ID: Artesia-MW29-04192022 — Lab Sample ID: 860-24865-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.00657		0.00100	0.000216	mg/L	1		8260C	Total/NA
1,1-Dichloroethane	0.00404		0.00100	0.000244	mg/L	1		8260C	Total/NA
Tetrachloroethene	0.0119	B	0.00100	0.000500	mg/L	1		8260C	Total/NA

Client Sample ID: Artesia-MW28-04192022 — Lab Sample ID: 860-24865-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.00362		0.00100	0.000216	mg/L	1		8260C	Total/NA
1,1-Dichloroethane	0.00246		0.00100	0.000244	mg/L	1		8260C	Total/NA
Tetrachloroethene - RA	0.00535		0.00100	0.000500	mg/L	1		8260C	Total/NA

Client Sample ID: Artesia-MW31-04192022 — Lab Sample ID: 860-24865-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.000278	J	0.00100	0.000244	mg/L	1		8260C	Total/NA

Client Sample ID: Artesia-MW30-04192022 — Lab Sample ID: 860-24865-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.00181		0.00100	0.000216	mg/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

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

Job ID: 860-24865-1

Client Sample ID: Artesia-MW30-04192022 (Continued) — Lab Sample ID: 860-24865-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene - RA	0.00311		0.00100	0.000500	mg/L	1		8260C	Total/NA

Client Sample ID: Artesia-MD30-04192022 — Lab Sample ID: 860-24865-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.00187		0.00100	0.000216	mg/L	1		8260C	Total/NA
1,1-Dichloroethane	0.00112		0.00100	0.000244	mg/L	1		8260C	Total/NA
Tetrachloroethene - RA	0.00307		0.00100	0.000500	mg/L	1		8260C	Total/NA

Client Sample ID: Artesia-TB02-04192022 — Lab Sample ID: 860-24865-13

No Detections.

Client Sample ID: Artesia-MW36-04192022 — Lab Sample ID: 860-24865-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.000324	J	0.00100	0.000216	mg/L	1		8260C	Total/NA
Benzene	0.000658	J	0.00100	0.000214	mg/L	1		8260C	Total/NA
1,1-Dichloroethane	0.0121	F1	0.00100	0.000244	mg/L	1		8260C	Total/NA
Tetrachloroethene - RA	0.00566		0.00100	0.000500	mg/L	1		8260C	Total/NA
Sulfate	2130		5.00	1.09	mg/L	10		300.0	Total/NA
Total Organic Carbon	12.7		10.0	5.00	mg/L	10		SM 5310C	Total/NA

Client Sample ID: Artesia-MW38-04192022 — Lab Sample ID: 860-24865-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.00141		0.00100	0.000216	mg/L	1		8260C	Total/NA
Benzene	0.00119		0.00100	0.000214	mg/L	1		8260C	Total/NA
1,1-Dichloroethane	0.0626		0.00100	0.000244	mg/L	1		8260C	Total/NA
Tetrachloroethene - RA	0.00271		0.00100	0.000500	mg/L	1		8260C	Total/NA
Sulfate	2850		5.00	1.09	mg/L	10		300.0	Total/NA
Total Organic Carbon	2.23		1.00	0.500	mg/L	1		SM 5310C	Total/NA

Client Sample ID: Artesia-MW37-04192022 — Lab Sample ID: 860-24865-16

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	0.000492	J	0.00100	0.000214	mg/L	1		8260C	Total/NA
1,1-Dichloroethane	0.0124		0.00100	0.000244	mg/L	1		8260C	Total/NA
Tetrachloroethene - RA	0.00192		0.00100	0.000500	mg/L	1		8260C	Total/NA
Sulfate	2830		5.00	1.09	mg/L	10		300.0	Total/NA
Total Organic Carbon	1.67		1.00	0.500	mg/L	1		SM 5310C	Total/NA

Client Sample ID: Artesia-MW17C-04192022 — Lab Sample ID: 860-24865-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	2440		5.00	1.09	mg/L	10		300.0	Total/NA
Total Organic Carbon	0.779	J	1.00	0.500	mg/L	1		SM 5310C	Total/NA

Client Sample ID: Artesia-MW11-04192022 — Lab Sample ID: 860-24865-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.00279		0.00100	0.000244	mg/L	1		8260C	Total/NA
Sulfate	2950		5.00	1.09	mg/L	10		300.0	Total/NA
Total Organic Carbon	1.18		1.00	0.500	mg/L	1		SM 5310C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Detection Summary

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

Job ID: 860-24865-1

Client Sample ID: Artesia-MD11-04192022 — Lab Sample ID: 860-24865-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.00272		0.00100	0.000244	mg/L	1		8260C	Total/NA

Client Sample ID: Artesia-MW12-04192022 — Lab Sample ID: 860-24865-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.000866	J	0.00100	0.000216	mg/L	1		8260C	Total/NA
Benzene	0.000363	J	0.00100	0.000214	mg/L	1		8260C	Total/NA
1,1-Dichloroethane	0.0303		0.00100	0.000244	mg/L	1		8260C	Total/NA
Sulfate	2740		5.00	1.09	mg/L	10		300.0	Total/NA
Total Organic Carbon	2.56		2.00	1.00	mg/L	2		SM 5310C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Jacobs Engineering Group, Inc.
Job ID: 860-24865-1
Project/Site: Dowell - Artesia

Client Sample ID: Artesia-TB01-04192022
Lab Sample ID: 860-24865-1
Date Collected: 04/19/22 08:00
Matrix: Water
Date Received: 04/21/22 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			04/26/22 16:03	1
Benzene	0.000214	U	0.00100	0.000214	mg/L			04/26/22 16:03	1
1,1-Dichloroethane	0.000244	U	0.00100	0.000244	mg/L			04/26/22 16:03	1
Tetrachloroethene	0.000500	U	0.00100	0.000500	mg/L			04/26/22 16:03	1
Naphthalene	0.00200	U	0.0100	0.00200	mg/L			04/26/22 16:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*74 - 124*		*04/26/22 16:03*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 131*		*04/26/22 16:03*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*63 - 144*		*04/26/22 16:03*	*1*
Toluene-d8 (Surr)	*102*		*80 - 117*		*04/26/22 16:03*	*1*

Client Sample ID: Artesia-Inlet-04192022
Lab Sample ID: 860-24865-2
Date Collected: 04/19/22 08:30
Matrix: Water
Date Received: 04/21/22 10:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	**0.00492**		0.00100	0.000216	mg/L			04/22/22 11:42	1
Benzene	0.000214	U	0.00100	0.000214	mg/L			04/22/22 11:42	1
1,1-Dichloroethane	**0.00185**		0.00100	0.000244	mg/L			04/22/22 11:42	1
Naphthalene	0.00200	U	0.0100	0.00200	mg/L			04/22/22 11:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*74 - 124*		*04/22/22 11:42*	*1*
Dibromofluoromethane (Surr)	*108*		*75 - 131*		*04/22/22 11:42*	*1*
1,2-Dichloroethane-d4 (Surr)	*117*		*63 - 144*		*04/22/22 11:42*	*1*
Toluene-d8 (Surr)	*106*		*80 - 117*		*04/22/22 11:42*	*1*

Method: 8260C - Volatile Organic Compounds by GC/MS - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**0.00505**		0.00100	0.000500	mg/L			04/25/22 11:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*74 - 124*		*04/25/22 11:57*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 131*		*04/25/22 11:57*	*1*
1,2-Dichloroethane-d4 (Surr)	*86*		*63 - 144*		*04/25/22 11:57*	*1*
Toluene-d8 (Surr)	*102*		*80 - 117*		*04/25/22 11:57*	*1*

Client Sample ID: Artesia-MID-04192022
Lab Sample ID: 860-24865-3
Date Collected: 04/19/22 08:35
Matrix: Water
Date Received: 04/21/22 10:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	**0.00246**		0.00100	0.000216	mg/L			04/22/22 12:02	1
Benzene	0.000214	U	0.00100	0.000214	mg/L			04/22/22 12:02	1
1,1-Dichloroethane	**0.00400**		0.00100	0.000244	mg/L			04/22/22 12:02	1
Naphthalene	0.00200	U	0.0100	0.00200	mg/L			04/22/22 12:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*74 - 124*		*04/22/22 12:02*	*1*

Client Sample Results

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

Job ID: 860-24865-1

Client Sample ID: Artesia-MID-04192022

Lab Sample ID: 860-24865-3
Matrix: Water
Date Collected: 04/19/22 08:35
Date Received: 04/21/22 10:30

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	107		75 - 131		04/22/22 12:02	1
1,2-Dichloroethane-d4 (Surr)	117		63 - 144		04/22/22 12:02	1
Toluene-d8 (Surr)	105		80 - 117		04/22/22 12:02	1

Method: 8260C - Volatile Organic Compounds by GC/MS - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.000500	U	0.00100	0.000500	mg/L			04/25/22 12:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		74 - 124		04/25/22 12:18	1
Dibromofluoromethane (Surr)	99		75 - 131		04/25/22 12:18	1
1,2-Dichloroethane-d4 (Surr)	87		63 - 144		04/25/22 12:18	1
Toluene-d8 (Surr)	100		80 - 117		04/25/22 12:18	1

Client Sample ID: Artesia-Outlet-04192022

Lab Sample ID: 860-24865-4
Matrix: Water
Date Collected: 04/19/22 08:40
Date Received: 04/21/22 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			04/22/22 12:23	1
Benzene	0.000214	U	0.00100	0.000214	mg/L			04/22/22 12:23	1
1,1-Dichloroethane	0.000244	U	0.00100	0.000244	mg/L			04/22/22 12:23	1
Naphthalene	0.00200	U	0.0100	0.00200	mg/L			04/22/22 12:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		74 - 124		04/22/22 12:23	1
Dibromofluoromethane (Surr)	110		75 - 131		04/22/22 12:23	1
1,2-Dichloroethane-d4 (Surr)	117		63 - 144		04/22/22 12:23	1
Toluene-d8 (Surr)	106		80 - 117		04/22/22 12:23	1

Method: 8260C - Volatile Organic Compounds by GC/MS - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.000500	U	0.00100	0.000500	mg/L			04/25/22 12:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		74 - 124		04/25/22 12:38	1
Dibromofluoromethane (Surr)	97		75 - 131		04/25/22 12:38	1
1,2-Dichloroethane-d4 (Surr)	86		63 - 144		04/25/22 12:38	1
Toluene-d8 (Surr)	101		80 - 117		04/25/22 12:38	1

Client Sample ID: Artesia-MW40-04192022

Lab Sample ID: 860-24865-5
Matrix: Water
Date Collected: 04/19/22 13:10
Date Received: 04/21/22 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			04/22/22 12:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		74 - 124		04/22/22 12:43	1

Client Sample Results

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

Job ID: 860-24865-1

Client Sample ID: Artesia-MW40-04192022

Lab Sample ID: 860-24865-5
Matrix: Water
Date Collected: 04/19/22 13:10
Date Received: 04/21/22 10:30

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	108		75 - 131		04/22/22 12:43	1
1,2-Dichloroethane-d4 (Surr)	117		63 - 144		04/22/22 12:43	1
Toluene-d8 (Surr)	106		80 - 117		04/22/22 12:43	1

Method: 8260C - Volatile Organic Compounds by GC/MS - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.000500	U	0.00100	0.000500	mg/L			04/25/22 12:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		74 - 124		04/25/22 12:59	1
Dibromofluoromethane (Surr)	101		75 - 131		04/25/22 12:59	1
1,2-Dichloroethane-d4 (Surr)	87		63 - 144		04/25/22 12:59	1
Toluene-d8 (Surr)	100		80 - 117		04/25/22 12:59	1

Client Sample ID: Artesia-MW39-04192022

Lab Sample ID: 860-24865-6
Matrix: Water
Date Collected: 04/19/22 13:40
Date Received: 04/21/22 10:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	**0.00526**		0.00100	0.000216	mg/L			04/22/22 13:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		74 - 124		04/22/22 13:04	1
Dibromofluoromethane (Surr)	109		75 - 131		04/22/22 13:04	1
1,2-Dichloroethane-d4 (Surr)	119		63 - 144		04/22/22 13:04	1
Toluene-d8 (Surr)	106		80 - 117		04/22/22 13:04	1

Method: 8260C - Volatile Organic Compounds by GC/MS - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**0.00721**		0.00100	0.000500	mg/L			04/25/22 13:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		74 - 124		04/25/22 13:19	1
Dibromofluoromethane (Surr)	100		75 - 131		04/25/22 13:19	1
1,2-Dichloroethane-d4 (Surr)	86		63 - 144		04/25/22 13:19	1
Toluene-d8 (Surr)	100		80 - 117		04/25/22 13:19	1

Client Sample ID: Artesia-MW35-04192022

Lab Sample ID: 860-24865-7
Matrix: Water
Date Collected: 04/19/22 13:55
Date Received: 04/21/22 10:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	**0.0107**		0.00100	0.000216	mg/L			04/22/22 13:24	1
Tetrachloroethene	**0.0118**	**B**	0.00100	0.000500	mg/L			04/22/22 13:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		74 - 124		04/22/22 13:24	1
Dibromofluoromethane (Surr)	109		75 - 131		04/22/22 13:24	1
1,2-Dichloroethane-d4 (Surr)	120		63 - 144		04/22/22 13:24	1

Client Sample Results

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

Job ID: 860-24865-1

Client Sample ID: Artesia-MW35-04192022
Lab Sample ID: 860-24865-7
Date Collected: 04/19/22 13:55
Matrix: Water
Date Received: 04/21/22 10:30

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	106		80 - 117		04/22/22 13:24	1

Client Sample ID: Artesia-MW29-04192022
Lab Sample ID: 860-24865-8
Date Collected: 04/19/22 14:30
Matrix: Water
Date Received: 04/21/22 10:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	**0.00657**		0.00100	0.000216	mg/L			04/22/22 13:45	1
Benzene	0.000214	U	0.00100	0.000214	mg/L			04/22/22 13:45	1
1,1-Dichloroethane	**0.00404**		0.00100	0.000244	mg/L			04/22/22 13:45	1
Tetrachloroethene	**0.0119**	**B**	0.00100	0.000500	mg/L			04/22/22 13:45	1
Naphthalene	0.00200	U	0.0100	0.00200	mg/L			04/22/22 13:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		74 - 124		04/22/22 13:45	1
Dibromofluoromethane (Surr)	108		75 - 131		04/22/22 13:45	1
1,2-Dichloroethane-d4 (Surr)	117		63 - 144		04/22/22 13:45	1
Toluene-d8 (Surr)	104		80 - 117		04/22/22 13:45	1

Client Sample ID: Artesia-MW28-04192022
Lab Sample ID: 860-24865-9
Date Collected: 04/19/22 15:15
Matrix: Water
Date Received: 04/21/22 10:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	**0.00362**		0.00100	0.000216	mg/L			04/22/22 14:05	1
Benzene	0.000214	U	0.00100	0.000214	mg/L			04/22/22 14:05	1
1,1-Dichloroethane	**0.00246**		0.00100	0.000244	mg/L			04/22/22 14:05	1
Naphthalene	0.00200	U	0.0100	0.00200	mg/L			04/22/22 14:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		74 - 124		04/22/22 14:05	1
Dibromofluoromethane (Surr)	108		75 - 131		04/22/22 14:05	1
1,2-Dichloroethane-d4 (Surr)	117		63 - 144		04/22/22 14:05	1
Toluene-d8 (Surr)	104		80 - 117		04/22/22 14:05	1

Method: 8260C - Volatile Organic Compounds by GC/MS - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**0.00535**		0.00100	0.000500	mg/L			04/25/22 13:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		74 - 124		04/25/22 13:40	1
Dibromofluoromethane (Surr)	104		75 - 131		04/25/22 13:40	1
1,2-Dichloroethane-d4 (Surr)	89		63 - 144		04/25/22 13:40	1
Toluene-d8 (Surr)	99		80 - 117		04/25/22 13:40	1

Client Sample Results

Client: Jacobs Engineering Group, Inc.
Job ID: 860-24865-1
Project/Site: Dowell - Artesia

Client Sample ID: Artesia-MW31-04192022
Lab Sample ID: 860-24865-10
Date Collected: 04/19/22 15:30
Matrix: Water
Date Received: 04/21/22 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			04/22/22 14:26	1
Benzene	0.000214	U	0.00100	0.000214	mg/L			04/22/22 14:26	1
1,1-Dichloroethane	**0.000278**	**J**	0.00100	0.000244	mg/L			04/22/22 14:26	1
Naphthalene	0.00200	U	0.0100	0.00200	mg/L			04/22/22 14:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*74 - 124*		*04/22/22 14:26*	*1*
Dibromofluoromethane (Surr)	*109*		*75 - 131*		*04/22/22 14:26*	*1*
1,2-Dichloroethane-d4 (Surr)	*117*		*63 - 144*		*04/22/22 14:26*	*1*
Toluene-d8 (Surr)	*105*		*80 - 117*		*04/22/22 14:26*	*1*

Method: 8260C - Volatile Organic Compounds by GC/MS - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.000500	U	0.00100	0.000500	mg/L			04/25/22 14:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*74 - 124*		*04/25/22 14:00*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 131*		*04/25/22 14:00*	*1*
1,2-Dichloroethane-d4 (Surr)	*84*		*63 - 144*		*04/25/22 14:00*	*1*
Toluene-d8 (Surr)	*99*		*80 - 117*		*04/25/22 14:00*	*1*

Client Sample ID: Artesia-MW30-04192022
Lab Sample ID: 860-24865-11
Date Collected: 04/19/22 16:10
Matrix: Water
Date Received: 04/21/22 10:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	**0.00181**		0.00100	0.000216	mg/L			04/22/22 14:46	1
Benzene	0.000214	U	0.00100	0.000214	mg/L			04/22/22 14:46	1
1,1-Dichloroethane	0.000244	U	0.00100	0.000244	mg/L			04/22/22 14:46	1
Naphthalene	0.00200	U	0.0100	0.00200	mg/L			04/22/22 14:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*74 - 124*		*04/22/22 14:46*	*1*
Dibromofluoromethane (Surr)	*109*		*75 - 131*		*04/22/22 14:46*	*1*
1,2-Dichloroethane-d4 (Surr)	*118*		*63 - 144*		*04/22/22 14:46*	*1*
Toluene-d8 (Surr)	*105*		*80 - 117*		*04/22/22 14:46*	*1*

Method: 8260C - Volatile Organic Compounds by GC/MS - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**0.00311**		0.00100	0.000500	mg/L			04/25/22 14:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*74 - 124*		*04/25/22 14:20*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 131*		*04/25/22 14:20*	*1*
1,2-Dichloroethane-d4 (Surr)	*87*		*63 - 144*		*04/25/22 14:20*	*1*
Toluene-d8 (Surr)	*99*		*80 - 117*		*04/25/22 14:20*	*1*

Client Sample Results

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

Job ID: 860-24865-1

Client Sample ID: Artesia-MD30-04192022

Lab Sample ID: 860-24865-12
Matrix: Water
Date Collected: 04/19/22 16:15
Date Received: 04/21/22 10:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.00187		0.00100	0.000216	mg/L			04/22/22 15:07	1
Benzene	0.000214	U	0.00100	0.000214	mg/L			04/22/22 15:07	1
1,1-Dichloroethane	0.00112		0.00100	0.000244	mg/L			04/22/22 15:07	1
Naphthalene	0.00200	U	0.0100	0.00200	mg/L			04/22/22 15:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*74 - 124*		*04/22/22 15:07*	*1*
Dibromofluoromethane (Surr)	*109*		*75 - 131*		*04/22/22 15:07*	*1*
1,2-Dichloroethane-d4 (Surr)	*117*		*63 - 144*		*04/22/22 15:07*	*1*
Toluene-d8 (Surr)	*105*		*80 - 117*		*04/22/22 15:07*	*1*

Method: 8260C - Volatile Organic Compounds by GC/MS - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.00307		0.00100	0.000500	mg/L			04/25/22 14:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*74 - 124*		*04/25/22 14:41*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 131*		*04/25/22 14:41*	*1*
1,2-Dichloroethane-d4 (Surr)	*87*		*63 - 144*		*04/25/22 14:41*	*1*
Toluene-d8 (Surr)	*100*		*80 - 117*		*04/25/22 14:41*	*1*

Client Sample ID: Artesia-TB02-04192022

Lab Sample ID: 860-24865-13
Matrix: Water
Date Collected: 04/19/22 07:10
Date Received: 04/21/22 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			04/26/22 16:23	1
Benzene	0.000214	U	0.00100	0.000214	mg/L			04/26/22 16:23	1
1,1-Dichloroethane	0.000244	U	0.00100	0.000244	mg/L			04/26/22 16:23	1
Tetrachloroethene	0.000500	U	0.00100	0.000500	mg/L			04/26/22 16:23	1
Naphthalene	0.00200	U	0.0100	0.00200	mg/L			04/26/22 16:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*74 - 124*		*04/26/22 16:23*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 131*		*04/26/22 16:23*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*63 - 144*		*04/26/22 16:23*	*1*
Toluene-d8 (Surr)	*101*		*80 - 117*		*04/26/22 16:23*	*1*

Client Sample ID: Artesia-MW36-04192022

Lab Sample ID: 860-24865-14
Matrix: Water
Date Collected: 04/19/22 12:25
Date Received: 04/21/22 10:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.000324	J	0.00100	0.000216	mg/L			04/22/22 11:21	1
Benzene	0.000658	J	0.00100	0.000214	mg/L			04/22/22 11:21	1
1,1-Dichloroethane	0.0121	F1	0.00100	0.000244	mg/L			04/22/22 11:21	1
Naphthalene	0.00200	U	0.0100	0.00200	mg/L			04/22/22 11:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*74 - 124*		*04/22/22 11:21*	*1*

Client Sample Results

Client: Jacobs Engineering Group, Inc.
Job ID: 860-24865-1
Project/Site: Dowell - Artesia

Client Sample ID: Artesia-MW36-04192022
Lab Sample ID: 860-24865-14
Date Collected: 04/19/22 12:25
Matrix: Water
Date Received: 04/21/22 10:30

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	*108*		*75 - 131*		*04/22/22 11:21*	*1*
1,2-Dichloroethane-d4 (Surr)	*116*		*63 - 144*		*04/22/22 11:21*	*1*
Toluene-d8 (Surr)	*106*		*80 - 117*		*04/22/22 11:21*	*1*

Method: 8260C - Volatile Organic Compounds by GC/MS - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**0.00566**		0.00100	0.000500	mg/L			04/26/22 14:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*93*		*74 - 124*		*04/26/22 14:26*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 131*		*04/26/22 14:26*	*1*
1,2-Dichloroethane-d4 (Surr)	*87*		*63 - 144*		*04/26/22 14:26*	*1*
Toluene-d8 (Surr)	*99*		*80 - 117*		*04/26/22 14:26*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**2130**		5.00	1.09	mg/L			04/29/22 05:28	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	**12.7**		10.0	5.00	mg/L			04/27/22 23:35	10

Client Sample ID: Artesia-MW38-04192022
Lab Sample ID: 860-24865-15
Date Collected: 04/19/22 14:20
Matrix: Water
Date Received: 04/21/22 10:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	**0.00141**		0.00100	0.000216	mg/L			04/22/22 15:27	1
Benzene	**0.00119**		0.00100	0.000214	mg/L			04/22/22 15:27	1
1,1-Dichloroethane	**0.0626**		0.00100	0.000244	mg/L			04/22/22 15:27	1
Naphthalene	0.00200	U	0.0100	0.00200	mg/L			04/22/22 15:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*105*		*74 - 124*		*04/22/22 15:27*	*1*
Dibromofluoromethane (Surr)	*108*		*75 - 131*		*04/22/22 15:27*	*1*
1,2-Dichloroethane-d4 (Surr)	*119*		*63 - 144*		*04/22/22 15:27*	*1*
Toluene-d8 (Surr)	*105*		*80 - 117*		*04/22/22 15:27*	*1*

Method: 8260C - Volatile Organic Compounds by GC/MS - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**0.00271**		0.00100	0.000500	mg/L			04/25/22 15:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*92*		*74 - 124*		*04/25/22 15:01*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 131*		*04/25/22 15:01*	*1*
1,2-Dichloroethane-d4 (Surr)	*84*		*63 - 144*		*04/25/22 15:01*	*1*
Toluene-d8 (Surr)	*99*		*80 - 117*		*04/25/22 15:01*	*1*

Client Sample Results

Client: Jacobs Engineering Group, Inc.
Job ID: 860-24865-1
Project/Site: Dowell - Artesia

Client Sample ID: Artesia-MW38-04192022
Lab Sample ID: 860-24865-15
Date Collected: 04/19/22 14:20
Matrix: Water
Date Received: 04/21/22 10:30

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**2850**		5.00	1.09	mg/L			04/29/22 05:41	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	**2.23**		1.00	0.500	mg/L			04/28/22 17:07	1

Client Sample ID: Artesia-MW37-04192022
Lab Sample ID: 860-24865-16
Date Collected: 04/19/22 15:45
Matrix: Water
Date Received: 04/21/22 10:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	**0.00171**		0.00100	0.000216	mg/L			04/22/22 15:48	1
Benzene	**0.000492**	**J**	0.00100	0.000214	mg/L			04/22/22 15:48	1
1,1-Dichloroethane	**0.0124**		0.00100	0.000244	mg/L			04/22/22 15:48	1
Naphthalene	0.00200	U	0.0100	0.00200	mg/L			04/22/22 15:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*74 - 124*		*04/22/22 15:48*	*1*
Dibromofluoromethane (Surr)	*109*		*75 - 131*		*04/22/22 15:48*	*1*
1,2-Dichloroethane-d4 (Surr)	*118*		*63 - 144*		*04/22/22 15:48*	*1*
Toluene-d8 (Surr)	*105*		*80 - 117*		*04/22/22 15:48*	*1*

Method: 8260C - Volatile Organic Compounds by GC/MS - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**0.00192**		0.00100	0.000500	mg/L			04/25/22 15:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*74 - 124*		*04/25/22 15:22*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 131*		*04/25/22 15:22*	*1*
1,2-Dichloroethane-d4 (Surr)	*87*		*63 - 144*		*04/25/22 15:22*	*1*
Toluene-d8 (Surr)	*99*		*80 - 117*		*04/25/22 15:22*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**2830**		5.00	1.09	mg/L			04/29/22 05:55	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	**1.67**		1.00	0.500	mg/L			04/28/22 17:22	1

Client Sample ID: Artesia-MW17C-04192022
Lab Sample ID: 860-24865-17
Date Collected: 04/19/22 17:05
Matrix: Water
Date Received: 04/21/22 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			04/22/22 16:08	1
Benzene	0.000214	U	0.00100	0.000214	mg/L			04/22/22 16:08	1
1,1-Dichloroethane	0.000244	U	0.00100	0.000244	mg/L			04/22/22 16:08	1
Naphthalene	0.00200	U	0.0100	0.00200	mg/L			04/22/22 16:08	1

Client Sample Results

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

Job ID: 860-24865-1

Client Sample ID: Artesia-MW17C-04192022

Lab Sample ID: 860-24865-17

Date Collected: 04/19/22 17:05
Matrix: Water
Date Received: 04/21/22 10:30

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*74 - 124*		*04/22/22 16:08*	*1*
Dibromofluoromethane (Surr)	*109*		*75 - 131*		*04/22/22 16:08*	*1*
1,2-Dichloroethane-d4 (Surr)	*119*		*63 - 144*		*04/22/22 16:08*	*1*
Toluene-d8 (Surr)	*105*		*80 - 117*		*04/22/22 16:08*	*1*

Method: 8260C - Volatile Organic Compounds by GC/MS - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.000500	U	0.00100	0.000500	mg/L			04/25/22 15:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*74 - 124*		*04/25/22 15:42*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 131*		*04/25/22 15:42*	*1*
1,2-Dichloroethane-d4 (Surr)	*87*		*63 - 144*		*04/25/22 15:42*	*1*
Toluene-d8 (Surr)	*100*		*80 - 117*		*04/25/22 15:42*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**2440**		5.00	1.09	mg/L			04/29/22 06:09	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	**0.779**	**J**	1.00	0.500	mg/L			04/28/22 17:37	1

Client Sample ID: Artesia-MW11-04192022

Lab Sample ID: 860-24865-18

Date Collected: 04/20/22 10:20
Matrix: Water
Date Received: 04/21/22 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			04/22/22 16:29	1
Benzene	0.000214	U	0.00100	0.000214	mg/L			04/22/22 16:29	1
1,1-Dichloroethane	**0.00279**		0.00100	0.000244	mg/L			04/22/22 16:29	1
Naphthalene	0.00200	U	0.0100	0.00200	mg/L			04/22/22 16:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*74 - 124*		*04/22/22 16:29*	*1*
Dibromofluoromethane (Surr)	*108*		*75 - 131*		*04/22/22 16:29*	*1*
1,2-Dichloroethane-d4 (Surr)	*119*		*63 - 144*		*04/22/22 16:29*	*1*
Toluene-d8 (Surr)	*104*		*80 - 117*		*04/22/22 16:29*	*1*

Method: 8260C - Volatile Organic Compounds by GC/MS - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.000500	U	0.00100	0.000500	mg/L			04/25/22 16:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*74 - 124*		*04/25/22 16:03*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 131*		*04/25/22 16:03*	*1*
1,2-Dichloroethane-d4 (Surr)	*87*		*63 - 144*		*04/25/22 16:03*	*1*
Toluene-d8 (Surr)	*99*		*80 - 117*		*04/25/22 16:03*	*1*

Client Sample Results

Client: Jacobs Engineering Group, Inc.
Job ID: 860-24865-1
Project/Site: Dowell - Artesia

Client Sample ID: Artesia-MW11-04192022
Lab Sample ID: 860-24865-18
Date Collected: 04/20/22 10:20
Matrix: Water
Date Received: 04/21/22 10:30

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**2950**		5.00	1.09	mg/L			04/29/22 06:23	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	**1.18**		1.00	0.500	mg/L			04/28/22 17:52	1

Client Sample ID: Artesia-MD11-04192022
Lab Sample ID: 860-24865-19
Date Collected: 04/20/22 10:20
Matrix: Water
Date Received: 04/21/22 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			04/22/22 16:49	1
Benzene	0.000214	U	0.00100	0.000214	mg/L			04/22/22 16:49	1
1,1-Dichloroethane	**0.00272**		0.00100	0.000244	mg/L			04/22/22 16:49	1
Naphthalene	0.00200	U	0.0100	0.00200	mg/L			04/22/22 16:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*74 - 124*		*04/22/22 16:49*	*1*
Dibromofluoromethane (Surr)	*110*		*75 - 131*		*04/22/22 16:49*	*1*
1,2-Dichloroethane-d4 (Surr)	*119*		*63 - 144*		*04/22/22 16:49*	*1*
Toluene-d8 (Surr)	*106*		*80 - 117*		*04/22/22 16:49*	*1*

Method: 8260C - Volatile Organic Compounds by GC/MS - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.000500	U	0.00100	0.000500	mg/L			04/25/22 16:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*74 - 124*		*04/25/22 16:23*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 131*		*04/25/22 16:23*	*1*
1,2-Dichloroethane-d4 (Surr)	*85*		*63 - 144*		*04/25/22 16:23*	*1*
Toluene-d8 (Surr)	*98*		*80 - 117*		*04/25/22 16:23*	*1*

Client Sample ID: Artesia-MW12-04192022
Lab Sample ID: 860-24865-20
Date Collected: 04/20/22 09:10
Matrix: Water
Date Received: 04/21/22 10:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	**0.000866**	**J**	0.00100	0.000216	mg/L			04/22/22 17:10	1
Benzene	**0.000363**	**J**	0.00100	0.000214	mg/L			04/22/22 17:10	1
1,1-Dichloroethane	**0.0303**		0.00100	0.000244	mg/L			04/22/22 17:10	1
Naphthalene	0.00200	U	0.0100	0.00200	mg/L			04/22/22 17:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*74 - 124*		*04/22/22 17:10*	*1*
Dibromofluoromethane (Surr)	*109*		*75 - 131*		*04/22/22 17:10*	*1*
1,2-Dichloroethane-d4 (Surr)	*119*		*63 - 144*		*04/22/22 17:10*	*1*
Toluene-d8 (Surr)	*105*		*80 - 117*		*04/22/22 17:10*	*1*

Client Sample Results

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

Job ID: 860-24865-1

Client Sample ID: Artesia-MW12-04192022

Date Collected: 04/20/22 09:10
Date Received: 04/21/22 10:30

Lab Sample ID: 860-24865-20

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.000500	U	0.00100	0.000500	mg/L			04/25/22 16:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*74 - 124*		*04/25/22 16:44*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 131*		*04/25/22 16:44*	*1*
1,2-Dichloroethane-d4 (Surr)	*84*		*63 - 144*		*04/25/22 16:44*	*1*
Toluene-d8 (Surr)	*99*		*80 - 117*		*04/25/22 16:44*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**2740**		5.00	1.09	mg/L			04/29/22 07:05	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	**2.56**		2.00	1.00	mg/L			04/28/22 18:07	2

Default Detection Limits

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

Job ID: 860-24865-1

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

General Chemistry

Analyte	RL	MDL	Units
Total Organic Carbon	1.00	0.500	mg/L

Surrogate Summary

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

Job ID: 860-24865-1

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)
860-24865-1	Artesia-TB01-04192022	98	98	93	102
860-24865-2	Artesia-Inlet-04192022	106	108	117	106
860-24865-2 - RA	Artesia-Inlet-04192022	99	99	86	102
860-24865-3	Artesia-MID-04192022	107	107	117	105
860-24865-3 - RA	Artesia-MID-04192022	96	99	87	100
860-24865-4	Artesia-Outlet-04192022	107	110	117	106
860-24865-4 - RA	Artesia-Outlet-04192022	99	97	86	101
860-24865-5	Artesia-MW40-04192022	107	108	117	106
860-24865-5 - RA	Artesia-MW40-04192022	98	101	87	100
860-24865-6	Artesia-MW39-04192022	108	109	119	106
860-24865-6 - RA	Artesia-MW39-04192022	97	100	86	100
860-24865-7	Artesia-MW35-04192022	109	109	120	106
860-24865-8	Artesia-MW29-04192022	108	108	117	104
860-24865-9	Artesia-MW28-04192022	106	108	117	104
860-24865-9 - RA	Artesia-MW28-04192022	94	104	89	99
860-24865-10	Artesia-MW31-04192022	107	109	117	105
860-24865-10 - RA	Artesia-MW31-04192022	98	99	84	99
860-24865-11	Artesia-MW30-04192022	107	109	118	105
860-24865-11 - RA	Artesia-MW30-04192022	95	101	87	99
860-24865-12	Artesia-MD30-04192022	105	109	117	105
860-24865-12 - RA	Artesia-MD30-04192022	99	102	87	100
860-24865-13	Artesia-TB02-04192022	100	98	94	101
860-24865-14	Artesia-MW36-04192022	106	108	116	106
860-24865-14 - RA	Artesia-MW36-04192022	93	96	87	99
860-24865-14 MS	Artesia-MW36-04192022	105	109	112	102
860-24865-14 MSD	Artesia-MW36-04192022	106	110	113	102
860-24865-15	Artesia-MW38-04192022	105	108	119	105
860-24865-15 - RA	Artesia-MW38-04192022	92	101	84	99
860-24865-16	Artesia-MW37-04192022	108	109	118	105
860-24865-16 - RA	Artesia-MW37-04192022	96	101	87	99
860-24865-17	Artesia-MW17C-04192022	108	109	119	105
860-24865-17 - RA	Artesia-MW17C-04192022	97	101	87	100
860-24865-18	Artesia-MW11-04192022	106	108	119	104
860-24865-18 - RA	Artesia-MW11-04192022	96	102	87	99
860-24865-19	Artesia-MD11-04192022	107	110	119	106
860-24865-19 - RA	Artesia-MD11-04192022	94	102	85	98
860-24865-20	Artesia-MW12-04192022	107	109	119	105
860-24865-20 - RA	Artesia-MW12-04192022	95	101	84	99
LCS 860-49900/3	Lab Control Sample	105	108	113	102
LCS 860-50170/3	Lab Control Sample	100	103	92	100
LCS 860-50183/3	Lab Control Sample	86	95	90	97
LCS 860-50353/3	Lab Control Sample	87	97	94	99
LCSD 860-49900/4	Lab Control Sample Dup	104	109	113	102
LCSD 860-50170/4	Lab Control Sample Dup	98	100	94	99
LCSD 860-50183/4	Lab Control Sample Dup	89	96	90	97
LCSD 860-50353/4	Lab Control Sample Dup	89	95	90	97
MB 860-49900/11	Method Blank	105	108	116	103
MB 860-50170/10	Method Blank	100	99	94	102
MB 860-50183/7	Method Blank	97	98	84	100

Surrogate Summary

Client: Jacobs Engineering Group, Inc.
Job ID: 860-24865-1
Project/Site: Dowell - Artesia

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

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)				
MB 860-50353/7	Method Blank	92	97	86	99				

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: 860-24865-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 860-49900/11
Matrix: Water
Analysis Batch: 49900

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			04/22/22 11:01	1
Benzene	0.000214	U	0.00100	0.000214	mg/L			04/22/22 11:01	1
1,1-Dichloroethane	0.000244	U	0.00100	0.000244	mg/L			04/22/22 11:01	1
Tetrachloroethene	0.001021		0.00100	0.000500	mg/L			04/22/22 11:01	1
Naphthalene	0.00200	U	0.0100	0.00200	mg/L			04/22/22 11:01	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*74 - 124*		*04/22/22 11:01*	*1*
Dibromofluoromethane (Surr)	*108*		*75 - 131*		*04/22/22 11:01*	*1*
1,2-Dichloroethane-d4 (Surr)	*116*		*63 - 144*		*04/22/22 11:01*	*1*
Toluene-d8 (Surr)	*103*		*80 - 117*		*04/22/22 11:01*	*1*

Lab Sample ID: LCS 860-49900/3
Matrix: Water
Analysis Batch: 49900

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	0.04957		mg/L		99	59 - 172		
Benzene			0.0500	0.05116		mg/L		102	66 - 142		
1,1-Dichloroethane			0.0500	0.05499		mg/L		110	72 - 125		
Tetrachloroethene			0.0500	0.04888		mg/L		98	71 - 125		
Naphthalene			0.0500	0.04901		mg/L		98	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*74 - 124*
Dibromofluoromethane (Surr)	*108*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*113*		*63 - 144*
Toluene-d8 (Surr)	*102*		*80 - 117*

Lab Sample ID: LCSD 860-49900/4
Matrix: Water
Analysis Batch: 49900

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	0.04957		mg/L		99	59 - 172	0	25
Benzene			0.0500	0.05031		mg/L		101	66 - 142	2	25
1,1-Dichloroethane			0.0500	0.05468		mg/L		109	72 - 125	1	25
Tetrachloroethene			0.0500	0.04851		mg/L		97	71 - 125	1	25
Naphthalene			0.0500	0.05332		mg/L		107	70 - 130	8	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*74 - 124*
Dibromofluoromethane (Surr)	*109*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*113*		*63 - 144*
Toluene-d8 (Surr)	*102*		*80 - 117*

QC Sample Results

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

Job ID: 860-24865-1

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

Lab Sample ID: 860-24865-14 MS
Matrix: Water
Analysis Batch: 49900

Client Sample ID: Artesia-MW36-04192022
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	0.000324	J	0.0500	0.06115		mg/L		122	59 - 172
Benzene	0.000658	J	0.0500	0.06027		mg/L		119	66 - 142
1,1-Dichloroethane	0.0121	F1	0.0500	0.08462	F1	mg/L		145	72 - 125
Tetrachloroethene	0.00560	B	0.0500	0.06641		mg/L		122	71 - 125
Naphthalene	0.00200	U	0.0500	0.05475		mg/L		109	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*74 - 124*
Dibromofluoromethane (Surr)	*109*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*112*		*63 - 144*
Toluene-d8 (Surr)	*102*		*80 - 117*

Lab Sample ID: 860-24865-14 MSD
Matrix: Water
Analysis Batch: 49900

Client Sample ID: Artesia-MW36-04192022
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	0.000324	J	0.0500	0.06363		mg/L		127	59 - 172	4	25
Benzene	0.000658	J	0.0500	0.06150		mg/L		122	66 - 142	2	25
1,1-Dichloroethane	0.0121	F1	0.0500	0.08575	F1	mg/L		147	72 - 125	1	25
Tetrachloroethene	0.00560	B	0.0500	0.06665		mg/L		122	71 - 125	0	25
Naphthalene	0.00200	U	0.0500	0.05718		mg/L		114	70 - 130	4	25

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*74 - 124*
Dibromofluoromethane (Surr)	*110*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*113*		*63 - 144*
Toluene-d8 (Surr)	*102*		*80 - 117*

Lab Sample ID: MB 860-50170/10
Matrix: Water
Analysis Batch: 50170

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			04/26/22 15:42	1
Benzene	0.000214	U	0.00100	0.000214	mg/L			04/26/22 15:42	1
1,1-Dichloroethane	0.000244	U	0.00100	0.000244	mg/L			04/26/22 15:42	1
Tetrachloroethene	0.000500	U	0.00100	0.000500	mg/L			04/26/22 15:42	1
Naphthalene	0.00200	U	0.0100	0.00200	mg/L			04/26/22 15:42	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*74 - 124*		*04/26/22 15:42*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 131*		*04/26/22 15:42*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*63 - 144*		*04/26/22 15:42*	*1*
Toluene-d8 (Surr)	*102*		*80 - 117*		*04/26/22 15:42*	*1*

QC Sample Results

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

Job ID: 860-24865-1

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

Lab Sample ID: LCS 860-50170/3
Matrix: Water
Analysis Batch: 50170

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	0.05370		mg/L		107	59 - 172		
Benzene			0.0500	0.05056		mg/L		101	66 - 142		
1,1-Dichloroethane			0.0500	0.05087		mg/L		102	72 - 125		
Tetrachloroethene			0.0500	0.04655		mg/L		93	71 - 125		
Naphthalene			0.0500	0.04337		mg/L		87	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*74 - 124*
Dibromofluoromethane (Surr)	*103*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*92*		*63 - 144*
Toluene-d8 (Surr)	*100*		*80 - 117*

Lab Sample ID: LCSD 860-50170/4
Matrix: Water
Analysis Batch: 50170

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	0.05285		mg/L		106	59 - 172	2	25
Benzene			0.0500	0.04941		mg/L		99	66 - 142	2	25
1,1-Dichloroethane			0.0500	0.04969		mg/L		99	72 - 125	2	25
Tetrachloroethene			0.0500	0.04563		mg/L		91	71 - 125	2	25
Naphthalene			0.0500	0.04526		mg/L		91	70 - 130	4	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*74 - 124*
Dibromofluoromethane (Surr)	*100*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*94*		*63 - 144*
Toluene-d8 (Surr)	*99*		*80 - 117*

Lab Sample ID: MB 860-50183/7
Matrix: Water
Analysis Batch: 50183

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.000500	U	0.00100	0.000500	mg/L			04/25/22 10:59	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*74 - 124*		*04/25/22 10:59*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 131*		*04/25/22 10:59*	*1*
1,2-Dichloroethane-d4 (Surr)	*84*		*63 - 144*		*04/25/22 10:59*	*1*
Toluene-d8 (Surr)	*100*		*80 - 117*		*04/25/22 10:59*	*1*

Lab Sample ID: LCS 860-50183/3
Matrix: Water
Analysis Batch: 50183

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Tetrachloroethene			0.0500	0.04689		mg/L		94	71 - 125		

QC Sample Results

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

Job ID: 860-24865-1

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	86		74 - 124
Dibromofluoromethane (Surr)	95		75 - 131
1,2-Dichloroethane-d4 (Surr)	90		63 - 144
Toluene-d8 (Surr)	97		80 - 117

Lab Sample ID: LCSD 860-50183/4
Matrix: Water
Analysis Batch: 50183

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
Tetrachloroethene			0.0500	0.04466		mg/L		89	71 - 125	5	25

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	89		74 - 124
Dibromofluoromethane (Surr)	96		75 - 131
1,2-Dichloroethane-d4 (Surr)	90		63 - 144
Toluene-d8 (Surr)	97		80 - 117

Lab Sample ID: MB 860-50353/7
Matrix: Water
Analysis Batch: 50353

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			04/26/22 11:01	1
Benzene	0.000214	U	0.00100	0.000214	mg/L			04/26/22 11:01	1
1,1-Dichloroethane	0.000244	U	0.00100	0.000244	mg/L			04/26/22 11:01	1
Tetrachloroethene	0.000500	U	0.00100	0.000500	mg/L			04/26/22 11:01	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		74 - 124		04/26/22 11:01	1
Dibromofluoromethane (Surr)	97		75 - 131		04/26/22 11:01	1
1,2-Dichloroethane-d4 (Surr)	86		63 - 144		04/26/22 11:01	1
Toluene-d8 (Surr)	99		80 - 117		04/26/22 11:01	1

Lab Sample ID: LCS 860-50353/3
Matrix: Water
Analysis Batch: 50353

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	0.04780		mg/L		96	59 - 172
Benzene			0.0500	0.05440		mg/L		109	66 - 142
1,1-Dichloroethane			0.0500	0.05480		mg/L		110	72 - 125
Tetrachloroethene			0.0500	0.04894		mg/L		98	71 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	87		74 - 124
Dibromofluoromethane (Surr)	97		75 - 131
1,2-Dichloroethane-d4 (Surr)	94		63 - 144
Toluene-d8 (Surr)	99		80 - 117

QC Sample Results

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

Job ID: 860-24865-1

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

Lab Sample ID: LCSD 860-50353/4
Matrix: Water
Analysis Batch: 50353

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	0.03966		mg/L		79	59 - 172	19	25
Benzene			0.0500	0.04999		mg/L		100	66 - 142	8	25
1,1-Dichloroethane			0.0500	0.05065		mg/L		101	72 - 125	8	25
Tetrachloroethene			0.0500	0.04412		mg/L		88	71 - 125	10	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*89*		*74 - 124*
Dibromofluoromethane (Surr)	*95*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*90*		*63 - 144*
Toluene-d8 (Surr)	*97*		*80 - 117*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-50784/25
Matrix: Water
Analysis Batch: 50784

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			04/29/22 01:32	1

Lab Sample ID: LCS 860-50784/26
Matrix: Water
Analysis Batch: 50784

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	9.734		mg/L		97	90 - 110		

Lab Sample ID: LCSD 860-50784/27
Matrix: Water
Analysis Batch: 50784

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	9.675		mg/L		97	90 - 110	1	20

Lab Sample ID: LLCS 860-50784/5
Matrix: Water
Analysis Batch: 50784

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

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate			0.500	0.4496	J	mg/L		90	50 - 150		

Method: SM 5310C - TOC

Lab Sample ID: MB 860-50745/5
Matrix: Water
Analysis Batch: 50745

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	0.500	U	1.00	0.500	mg/L			04/27/22 18:17	1

QC Sample Results

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

Job ID: 860-24865-1

Method: SM 5310C - TOC (Continued)

Lab Sample ID: LCS 860-50745/6
Matrix: Water
Analysis Batch: 50745

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Organic Carbon	5.00	4.727		mg/L		95	90 - 110

Lab Sample ID: LCSD 860-50745/7
Matrix: Water
Analysis Batch: 50745

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
Total Organic Carbon	5.00	4.754		mg/L		95	90 - 110	1	20

Lab Sample ID: LLCS 860-50745/8
Matrix: Water
Analysis Batch: 50745

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Organic Carbon	1.00	0.9720	J	mg/L		97	50 - 150

Lab Sample ID: MB 860-50947/5
Matrix: Water
Analysis Batch: 50947

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	0.500	U	1.00	0.500	mg/L			04/28/22 14:06	1

Lab Sample ID: LCS 860-50947/6
Matrix: Water
Analysis Batch: 50947

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Organic Carbon	5.00	5.178		mg/L		104	90 - 110

Lab Sample ID: LCSD 860-50947/7
Matrix: Water
Analysis Batch: 50947

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
Total Organic Carbon	5.00	4.993		mg/L		100	90 - 110	4	20

Lab Sample ID: LLCS 860-50947/8
Matrix: Water
Analysis Batch: 50947

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Organic Carbon	1.00	1.157		mg/L		116	50 - 150

QC Association Summary

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

Job ID: 860-24865-1

GC/MS VOA

Analysis Batch: 49900

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-24865-2	Artesia-Inlet-04192022	Total/NA	Water	8260C	
860-24865-3	Artesia-MID-04192022	Total/NA	Water	8260C	
860-24865-4	Artesia-Outlet-04192022	Total/NA	Water	8260C	
860-24865-5	Artesia-MW40-04192022	Total/NA	Water	8260C	
860-24865-6	Artesia-MW39-04192022	Total/NA	Water	8260C	
860-24865-7	Artesia-MW35-04192022	Total/NA	Water	8260C	
860-24865-8	Artesia-MW29-04192022	Total/NA	Water	8260C	
860-24865-9	Artesia-MW28-04192022	Total/NA	Water	8260C	
860-24865-10	Artesia-MW31-04192022	Total/NA	Water	8260C	
860-24865-11	Artesia-MW30-04192022	Total/NA	Water	8260C	
860-24865-12	Artesia-MD30-04192022	Total/NA	Water	8260C	
860-24865-14	Artesia-MW36-04192022	Total/NA	Water	8260C	
860-24865-15	Artesia-MW38-04192022	Total/NA	Water	8260C	
860-24865-16	Artesia-MW37-04192022	Total/NA	Water	8260C	
860-24865-17	Artesia-MW17C-04192022	Total/NA	Water	8260C	
860-24865-18	Artesia-MW11-04192022	Total/NA	Water	8260C	
860-24865-19	Artesia-MD11-04192022	Total/NA	Water	8260C	
860-24865-20	Artesia-MW12-04192022	Total/NA	Water	8260C	
MB 860-49900/11	Method Blank	Total/NA	Water	8260C	
LCS 860-49900/3	Lab Control Sample	Total/NA	Water	8260C	
LCSD 860-49900/4	Lab Control Sample Dup	Total/NA	Water	8260C	
860-24865-14 MS	Artesia-MW36-04192022	Total/NA	Water	8260C	
860-24865-14 MSD	Artesia-MW36-04192022	Total/NA	Water	8260C	

Analysis Batch: 50170

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-24865-1	Artesia-TB01-04192022	Total/NA	Water	8260C	
860-24865-13	Artesia-TB02-04192022	Total/NA	Water	8260C	
MB 860-50170/10	Method Blank	Total/NA	Water	8260C	
LCS 860-50170/3	Lab Control Sample	Total/NA	Water	8260C	
LCSD 860-50170/4	Lab Control Sample Dup	Total/NA	Water	8260C	

Analysis Batch: 50183

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-24865-2 - RA	Artesia-Inlet-04192022	Total/NA	Water	8260C	
860-24865-3 - RA	Artesia-MID-04192022	Total/NA	Water	8260C	
860-24865-4 - RA	Artesia-Outlet-04192022	Total/NA	Water	8260C	
860-24865-5 - RA	Artesia-MW40-04192022	Total/NA	Water	8260C	
860-24865-6 - RA	Artesia-MW39-04192022	Total/NA	Water	8260C	
860-24865-9 - RA	Artesia-MW28-04192022	Total/NA	Water	8260C	
860-24865-10 - RA	Artesia-MW31-04192022	Total/NA	Water	8260C	
860-24865-11 - RA	Artesia-MW30-04192022	Total/NA	Water	8260C	
860-24865-12 - RA	Artesia-MD30-04192022	Total/NA	Water	8260C	
860-24865-15 - RA	Artesia-MW38-04192022	Total/NA	Water	8260C	
860-24865-16 - RA	Artesia-MW37-04192022	Total/NA	Water	8260C	
860-24865-17 - RA	Artesia-MW17C-04192022	Total/NA	Water	8260C	
860-24865-18 - RA	Artesia-MW11-04192022	Total/NA	Water	8260C	
860-24865-19 - RA	Artesia-MD11-04192022	Total/NA	Water	8260C	
860-24865-20 - RA	Artesia-MW12-04192022	Total/NA	Water	8260C	
MB 860-50183/7	Method Blank	Total/NA	Water	8260C	
LCS 860-50183/3	Lab Control Sample	Total/NA	Water	8260C	

QC Association Summary

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

Job ID: 860-24865-1

GC/MS VOA (Continued)

Analysis Batch: 50183 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 860-50183/4	Lab Control Sample Dup	Total/NA	Water	8260C	

Analysis Batch: 50353

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-24865-14 - RA	Artesia-MW36-04192022	Total/NA	Water	8260C	
MB 860-50353/7	Method Blank	Total/NA	Water	8260C	
LCS 860-50353/3	Lab Control Sample	Total/NA	Water	8260C	
LCSD 860-50353/4	Lab Control Sample Dup	Total/NA	Water	8260C	

HPLC/IC

Analysis Batch: 50784

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-24865-14	Artesia-MW36-04192022	Total/NA	Water	300.0	
860-24865-15	Artesia-MW38-04192022	Total/NA	Water	300.0	
860-24865-16	Artesia-MW37-04192022	Total/NA	Water	300.0	
860-24865-17	Artesia-MW17C-04192022	Total/NA	Water	300.0	
860-24865-18	Artesia-MW11-04192022	Total/NA	Water	300.0	
860-24865-20	Artesia-MW12-04192022	Total/NA	Water	300.0	
MB 860-50784/25	Method Blank	Total/NA	Water	300.0	
LCS 860-50784/26	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-50784/27	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-50784/5	Lab Control Sample	Total/NA	Water	300.0	

General Chemistry

Analysis Batch: 50745

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-24865-14	Artesia-MW36-04192022	Total/NA	Water	SM 5310C	
MB 860-50745/5	Method Blank	Total/NA	Water	SM 5310C	
LCS 860-50745/6	Lab Control Sample	Total/NA	Water	SM 5310C	
LCSD 860-50745/7	Lab Control Sample Dup	Total/NA	Water	SM 5310C	
LLCS 860-50745/8	Lab Control Sample	Total/NA	Water	SM 5310C	

Analysis Batch: 50947

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-24865-15	Artesia-MW38-04192022	Total/NA	Water	SM 5310C	
860-24865-16	Artesia-MW37-04192022	Total/NA	Water	SM 5310C	
860-24865-17	Artesia-MW17C-04192022	Total/NA	Water	SM 5310C	
860-24865-18	Artesia-MW11-04192022	Total/NA	Water	SM 5310C	
860-24865-20	Artesia-MW12-04192022	Total/NA	Water	SM 5310C	
MB 860-50947/5	Method Blank	Total/NA	Water	SM 5310C	
LCS 860-50947/6	Lab Control Sample	Total/NA	Water	SM 5310C	
LCSD 860-50947/7	Lab Control Sample Dup	Total/NA	Water	SM 5310C	
LLCS 860-50947/8	Lab Control Sample	Total/NA	Water	SM 5310C	

Lab Chronicle

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

Job ID: 860-24865-1

Client Sample ID: Artesia-TB01-04192022
Lab Sample ID: 860-24865-1
Date Collected: 04/19/22 08:00
Matrix: Water
Date Received: 04/21/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	50170	04/26/22 16:03	A1S	XEN STF

Client Sample ID: Artesia-Inlet-04192022
Lab Sample ID: 860-24865-2
Date Collected: 04/19/22 08:30
Matrix: Water
Date Received: 04/21/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	RA	1	50183	04/25/22 11:57	AN	XEN STF
Total/NA	Analysis	8260C		1	49900	04/22/22 11:42	A1S	XEN STF

Client Sample ID: Artesia-MID-04192022
Lab Sample ID: 860-24865-3
Date Collected: 04/19/22 08:35
Matrix: Water
Date Received: 04/21/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	RA	1	50183	04/25/22 12:18	AN	XEN STF
Total/NA	Analysis	8260C		1	49900	04/22/22 12:02	A1S	XEN STF

Client Sample ID: Artesia-Outlet-04192022
Lab Sample ID: 860-24865-4
Date Collected: 04/19/22 08:40
Matrix: Water
Date Received: 04/21/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	RA	1	50183	04/25/22 12:38	AN	XEN STF
Total/NA	Analysis	8260C		1	49900	04/22/22 12:23	A1S	XEN STF

Client Sample ID: Artesia-MW40-04192022
Lab Sample ID: 860-24865-5
Date Collected: 04/19/22 13:10
Matrix: Water
Date Received: 04/21/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	RA	1	50183	04/25/22 12:59	AN	XEN STF
Total/NA	Analysis	8260C		1	49900	04/22/22 12:43	A1S	XEN STF

Client Sample ID: Artesia-MW39-04192022
Lab Sample ID: 860-24865-6
Date Collected: 04/19/22 13:40
Matrix: Water
Date Received: 04/21/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	RA	1	50183	04/25/22 13:19	AN	XEN STF
Total/NA	Analysis	8260C		1	49900	04/22/22 13:04	A1S	XEN STF

Lab Chronicle

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

Job ID: 860-24865-1

Client Sample ID: Artesia-MW35-04192022
Lab Sample ID: 860-24865-7
Date Collected: 04/19/22 13:55
Matrix: Water
Date Received: 04/21/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	49900	04/22/22 13:24	A1S	XEN STF

Client Sample ID: Artesia-MW29-04192022
Lab Sample ID: 860-24865-8
Date Collected: 04/19/22 14:30
Matrix: Water
Date Received: 04/21/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	49900	04/22/22 13:45	A1S	XEN STF

Client Sample ID: Artesia-MW28-04192022
Lab Sample ID: 860-24865-9
Date Collected: 04/19/22 15:15
Matrix: Water
Date Received: 04/21/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	RA	1	50183	04/25/22 13:40	AN	XEN STF
Total/NA	Analysis	8260C		1	49900	04/22/22 14:05	A1S	XEN STF

Client Sample ID: Artesia-MW31-04192022
Lab Sample ID: 860-24865-10
Date Collected: 04/19/22 15:30
Matrix: Water
Date Received: 04/21/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	RA	1	50183	04/25/22 14:00	AN	XEN STF
Total/NA	Analysis	8260C		1	49900	04/22/22 14:26	A1S	XEN STF

Client Sample ID: Artesia-MW30-04192022
Lab Sample ID: 860-24865-11
Date Collected: 04/19/22 16:10
Matrix: Water
Date Received: 04/21/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	RA	1	50183	04/25/22 14:20	AN	XEN STF
Total/NA	Analysis	8260C		1	49900	04/22/22 14:46	A1S	XEN STF

Client Sample ID: Artesia-MD30-04192022
Lab Sample ID: 860-24865-12
Date Collected: 04/19/22 16:15
Matrix: Water
Date Received: 04/21/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	RA	1	50183	04/25/22 14:41	AN	XEN STF
Total/NA	Analysis	8260C		1	49900	04/22/22 15:07	A1S	XEN STF

Lab Chronicle

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

Job ID: 860-24865-1

Client Sample ID: Artesia-TB02-04192022
Lab Sample ID: 860-24865-13
Date Collected: 04/19/22 07:10
Matrix: Water
Date Received: 04/21/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	50170	04/26/22 16:23	A1S	XEN STF

Client Sample ID: Artesia-MW36-04192022
Lab Sample ID: 860-24865-14
Date Collected: 04/19/22 12:25
Matrix: Water
Date Received: 04/21/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	RA	1	50353	04/26/22 14:26	AN	XEN STF
Total/NA	Analysis	8260C		1	49900	04/22/22 11:21	A1S	XEN STF
Total/NA	Analysis	300.0		10	50784	04/29/22 05:28	WP	XEN STF
Total/NA	Analysis	SM 5310C		10	50745	04/27/22 23:35	ADL	XEN STF

Client Sample ID: Artesia-MW38-04192022
Lab Sample ID: 860-24865-15
Date Collected: 04/19/22 14:20
Matrix: Water
Date Received: 04/21/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	RA	1	50183	04/25/22 15:01	AN	XEN STF
Total/NA	Analysis	8260C		1	49900	04/22/22 15:27	A1S	XEN STF
Total/NA	Analysis	300.0		10	50784	04/29/22 05:41	WP	XEN STF
Total/NA	Analysis	SM 5310C		1	50947	04/28/22 17:07	ADL	XEN STF

Client Sample ID: Artesia-MW37-04192022
Lab Sample ID: 860-24865-16
Date Collected: 04/19/22 15:45
Matrix: Water
Date Received: 04/21/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	RA	1	50183	04/25/22 15:22	AN	XEN STF
Total/NA	Analysis	8260C		1	49900	04/22/22 15:48	A1S	XEN STF
Total/NA	Analysis	300.0		10	50784	04/29/22 05:55	WP	XEN STF
Total/NA	Analysis	SM 5310C		1	50947	04/28/22 17:22	ADL	XEN STF

Client Sample ID: Artesia-MW17C-04192022
Lab Sample ID: 860-24865-17
Date Collected: 04/19/22 17:05
Matrix: Water
Date Received: 04/21/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	RA	1	50183	04/25/22 15:42	AN	XEN STF
Total/NA	Analysis	8260C		1	49900	04/22/22 16:08	A1S	XEN STF
Total/NA	Analysis	300.0		10	50784	04/29/22 06:09	WP	XEN STF
Total/NA	Analysis	SM 5310C		1	50947	04/28/22 17:37	ADL	XEN STF

Lab Chronicle

Client: Jacobs Engineering Group, Inc.
Job ID: 860-24865-1
Project/Site: Dowell - Artesia

Client Sample ID: Artesia-MW11-04192022
Lab Sample ID: 860-24865-18
Date Collected: 04/20/22 10:20
Matrix: Water
Date Received: 04/21/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	RA	1	50183	04/25/22 16:03	AN	XEN STF
Total/NA	Analysis	8260C		1	49900	04/22/22 16:29	A1S	XEN STF
Total/NA	Analysis	300.0		10	50784	04/29/22 06:23	WP	XEN STF
Total/NA	Analysis	SM 5310C		1	50947	04/28/22 17:52	ADL	XEN STF

Client Sample ID: Artesia-MD11-04192022
Lab Sample ID: 860-24865-19
Date Collected: 04/20/22 10:20
Matrix: Water
Date Received: 04/21/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	RA	1	50183	04/25/22 16:23	AN	XEN STF
Total/NA	Analysis	8260C		1	49900	04/22/22 16:49	A1S	XEN STF

Client Sample ID: Artesia-MW12-04192022
Lab Sample ID: 860-24865-20
Date Collected: 04/20/22 09:10
Matrix: Water
Date Received: 04/21/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	RA	1	50183	04/25/22 16:44	AN	XEN STF
Total/NA	Analysis	8260C		1	49900	04/22/22 17:10	A1S	XEN STF
Total/NA	Analysis	300.0		10	50784	04/29/22 07:05	WP	XEN STF
Total/NA	Analysis	SM 5310C		2	50947	04/28/22 18:07	ADL	XEN STF

Laboratory References:
XEN STF = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Accreditation/Certification Summary

Client: Jacobs Engineering Group, Inc.
Job ID: 860-24865-1
Project/Site: Dowell - Artesia

Laboratory: Eurofins Houston

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	2021-168	08-31-22
Texas	NELAP	T104704215-21-44	06-30-22
Texas	TCEQ Water Supply	T104704215	06-30-22
USDA	US Federal Programs	P330-22-00025	03-02-23

Method Summary

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

Job ID: 860-24865-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	XEN STF
300.0	Anions, Ion Chromatography	MCAWW	XEN STF
SM 5310C	TOC	SM	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.

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

XEN STF = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Sample Summary

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

Job ID: 860-24865-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
860-24865-1	Artesia-TB01-04192022	Water	04/19/22 08:00	04/21/22 10:30
860-24865-2	Artesia-Inlet-04192022	Water	04/19/22 08:30	04/21/22 10:30
860-24865-3	Artesia-MID-04192022	Water	04/19/22 08:35	04/21/22 10:30
860-24865-4	Artesia-Outlet-04192022	Water	04/19/22 08:40	04/21/22 10:30
860-24865-5	Artesia-MW40-04192022	Water	04/19/22 13:10	04/21/22 10:30
860-24865-6	Artesia-MW39-04192022	Water	04/19/22 13:40	04/21/22 10:30
860-24865-7	Artesia-MW35-04192022	Water	04/19/22 13:55	04/21/22 10:30
860-24865-8	Artesia-MW29-04192022	Water	04/19/22 14:30	04/21/22 10:30
860-24865-9	Artesia-MW28-04192022	Water	04/19/22 15:15	04/21/22 10:30
860-24865-10	Artesia-MW31-04192022	Water	04/19/22 15:30	04/21/22 10:30
860-24865-11	Artesia-MW30-04192022	Water	04/19/22 16:10	04/21/22 10:30
860-24865-12	Artesia-MD30-04192022	Water	04/19/22 16:15	04/21/22 10:30
860-24865-13	Artesia-TB02-04192022	Water	04/19/22 07:10	04/21/22 10:30
860-24865-14	Artesia-MW36-04192022	Water	04/19/22 12:25	04/21/22 10:30
860-24865-15	Artesia-MW38-04192022	Water	04/19/22 14:20	04/21/22 10:30
860-24865-16	Artesia-MW37-04192022	Water	04/19/22 15:45	04/21/22 10:30
860-24865-17	Artesia-MW17C-04192022	Water	04/19/22 17:05	04/21/22 10:30
860-24865-18	Artesia-MW11-04192022	Water	04/20/22 10:20	04/21/22 10:30
860-24865-19	Artesia-MD11-04192022	Water	04/20/22 10:20	04/21/22 10:30
860-24865-20	Artesia-MW12-04192022	Water	04/20/22 09:10	04/21/22 10:30

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Instrument ID: A131 Analysis Batch Number: 49306

Lab Sample ID: IC 860-49306/2 Client Sample ID:

Date Analyzed: 04/18/22 17:09 Lab File ID: J04182223.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Vinyl chloride	1.39	Incomplete Integration	ngoa	04/19/22 09:11
1,1-Dichloroethene	2.18	Incomplete Integration	ngoa	04/19/22 09:13
MTBE	2.76	Incomplete Integration	ngoa	04/18/22 18:03
trans-1,2-Dichloroethene	2.78	Incomplete Integration	ngoa	04/19/22 09:12
1,1-Dichloroethane	3.12	Incomplete Integration	ngoa	04/18/22 18:04
cis-1,2-Dichloroethene	3.56	Incomplete Integration	ngoa	04/18/22 18:04
Tetrahydrofuran	3.74	Incomplete Integration	ngoa	04/19/22 08:54
Chloroform	3.79	Incomplete Integration	ngoa	04/19/22 09:25
Benzene	4.15	Incomplete Integration	ngoa	04/18/22 18:03
1,2-Dichloroethane	4.23	Incomplete Integration	ngoa	04/18/22 18:04
Trichloroethene	4.62	Incomplete Integration	ngoa	04/18/22 18:04
1,2-Dichloropropane	4.83	Incomplete Integration	ngoa	04/18/22 18:04
Chlorobenzene	6.65	Incomplete Integration	ngoa	04/18/22 18:05
1,1,2,2-Tetrachloroethane	7.72	Incomplete Integration	ngoa	04/18/22 18:05

Lab Sample ID: IC 860-49306/3 Client Sample ID:

Date Analyzed: 04/18/22 17:30 Lab File ID: J04182224.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	1.32	Incomplete Integration	ngoa	04/18/22 18:01
Vinyl chloride	1.38	Incomplete Integration	ngoa	04/18/22 18:01
1,1-Dichloroethene	2.20	Incomplete Integration	ngoa	04/18/22 18:01
Acetone	2.30	Incomplete Integration	ngoa	04/18/22 18:25
trans-1,2-Dichloroethene	2.78	Incomplete Integration	ngoa	04/18/22 18:02
1,1-Dichloroethane	3.12	Incomplete Integration	ngoa	04/18/22 18:02
cis-1,2-Dichloroethene	3.56	Incomplete Integration	ngoa	04/18/22 18:02
Tetrahydrofuran	3.74	Incomplete Integration	ngoa	04/19/22 08:53
Carbon tetrachloride	3.96	Incomplete Integration	ngoa	04/18/22 18:26

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Instrument ID: A131 Analysis Batch Number: 49306

Lab Sample ID: IC 860-49306/4 Client Sample ID:

Date Analyzed: 04/18/22 17:50 Lab File ID: J04182225.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	1.32	Incomplete Integration	ngoa	04/18/22 18:23
Vinyl chloride	1.38	Incomplete Integration	ngoa	04/18/22 18:23
1,1-Dichloroethene	2.19	Incomplete Integration	ngoa	04/18/22 18:23
Acetone	2.30	Incomplete Integration	ngoa	04/18/22 18:24
MTBE	2.75	Incomplete Integration	ngoa	04/18/22 18:24
trans-1,2-Dichloroethene	2.78	Incomplete Integration	ngoa	04/18/22 18:24
1,1-Dichloroethane	3.12	Incomplete Integration	ngoa	04/18/22 18:24
cis-1,2-Dichloroethene	3.56	Incomplete Integration	ngoa	04/18/22 18:24
Tetrahydrofuran	3.74	Incomplete Integration	ngoa	04/18/22 18:24
Carbon tetrachloride	3.97	Incomplete Integration	ngoa	04/18/22 18:26

Lab Sample ID: IC 860-49306/5 Client Sample ID:

Date Analyzed: 04/18/22 18:10 Lab File ID: J04182226.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Vinyl chloride	1.38	Incomplete Integration	ngoa	04/18/22 19:09
1,1-Dichloroethene	2.20	Incomplete Integration	ngoa	04/18/22 19:09
Tetrahydrofuran	3.74	Incomplete Integration	ngoa	04/19/22 08:52

Lab Sample ID: ICIS 860-49306/6 Client Sample ID:

Date Analyzed: 04/18/22 18:39 Lab File ID: J04182227.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	1.32	Incomplete Integration	ngoa	04/18/22 19:08
Vinyl chloride	1.38	Incomplete Integration	ngoa	04/18/22 19:08
1,1-Dichloroethene	2.19	Incomplete Integration	ngoa	04/18/22 19:08
Tetrahydrofuran	3.74	Incomplete Integration	ngoa	04/19/22 08:51

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Instrument ID: A131 Analysis Batch Number: 49306

Lab Sample ID: ICV 860-49306/10 Client Sample ID:

Date Analyzed: 04/18/22 20:01 Lab File ID: J04182231.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Vinyl chloride	1.37	Incomplete Integration	ngoa	04/19/22 11:44
1,1-Dichloroethene	2.19	Incomplete Integration	ngoa	04/19/22 11:44
Acetone	2.30	Incomplete Integration	ngoa	04/19/22 11:44

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Instrument ID: A131 Analysis Batch Number: 50183

Lab Sample ID: CCVIS 860-50183/2 Client Sample ID:

Date Analyzed: 04/25/22 09:14 Lab File ID: J04252202.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Vinyl chloride	1.38	Incomplete Integration	ngoa	04/25/22 09:34
1,1-Dichloroethene	2.19	Incomplete Integration	ngoa	04/25/22 09:35
trans-1,2-Dichloroethene	2.78	Incomplete Integration	ngoa	04/25/22 09:35

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Instrument ID: A131 Analysis Batch Number: 50353

Lab Sample ID: CCVIS 860-50353/2 Client Sample ID:

Date Analyzed: 04/26/22 09:07 Lab File ID: J04262202.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Vinyl chloride	1.37	Peak assignment corrected	ngoa	04/26/22 09:38

Lab Sample ID: LCS 860-50353/3 Client Sample ID:

Date Analyzed: 04/26/22 09:40 Lab File ID: J04262203.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1-Dichloroethene	2.19	Incomplete Integration	ngoa	04/26/22 10:17

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Instrument ID: A292 Analysis Batch Number: 47061

Lab Sample ID: IC 860-47061/2 Client Sample ID:

Date Analyzed: 03/31/22 09:06 Lab File ID: E03312207.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Diethyl ether	1.96	Peak assignment corrected	alvesn	03/31/22 10:53
Isopropyl alcohol	2.32	Peak assignment corrected	alvesn	03/31/22 09:31
Acetonitrile	2.41	Peak assignment corrected	alvesn	03/31/22 09:32
tert-Butyl alcohol	2.63	Peak assignment corrected	alvesn	03/31/22 09:32
1,1-Dichloroethane	3.05	Peak assignment corrected	alvesn	03/31/22 09:32
Bromochloromethane	3.65	Peak assignment corrected	alvesn	03/31/22 09:33
1,1,1-Trichloroethane	3.83	Peak assignment corrected	alvesn	03/31/22 09:33
1,4-Dioxane (P-Dioxane)	4.80	Peak assignment corrected	alvesn	03/31/22 09:33
1,2-Dibromoethane	6.08	Peak assignment corrected	alvesn	03/31/22 09:33
1-Chlorohexane	6.41	Peak assignment corrected	alvesn	03/31/22 09:33
Chlorobenzene	6.43	Peak assignment corrected	alvesn	03/31/22 09:34
1,1,1,2-Tetrachloroethane	6.49	Peak assignment corrected	alvesn	03/31/22 09:34
o-Xylene	6.88	Peak assignment corrected	alvesn	03/31/22 09:34
trans-1,4-Dichloro-2-butene	7.41	Peak assignment corrected	alvesn	03/31/22 09:34

Lab Sample ID: IC 860-47061/3 Client Sample ID:

Date Analyzed: 03/31/22 09:26 Lab File ID: E03312208.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Diethyl ether	1.97	Peak assignment corrected	alvesn	03/31/22 10:53
Acetonitrile	2.41	Peak assignment corrected	alvesn	03/31/22 10:06
1,1,1-Trichloroethane	3.83	Peak assignment corrected	alvesn	03/31/22 10:06
Cyclohexane	3.87	Peak assignment corrected	alvesn	03/31/22 10:06
Isobutanol	4.06	Peak assignment corrected	alvesn	03/31/22 10:57

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Instrument ID: A292 Analysis Batch Number: 47061

Lab Sample ID: IC 860-47061/4 Client Sample ID:

Date Analyzed: 03/31/22 09:47 Lab File ID: E03312209.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Diethyl ether	1.96	Peak assignment corrected	alvesn	03/31/22 10:53
Acetonitrile	2.41	Peak assignment corrected	alvesn	03/31/22 10:06
1,1,1-Trichloroethane	3.84	Peak assignment corrected	alvesn	03/31/22 10:07
Cyclohexane	3.87	Peak assignment corrected	alvesn	03/31/22 10:07
o-Xylene	6.88	Peak assignment corrected	alvesn	03/31/22 10:07

Lab Sample ID: IC 860-47061/5 Client Sample ID:

Date Analyzed: 03/31/22 10:07 Lab File ID: E03312210.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Diethyl ether	1.96	Peak assignment corrected	alvesn	03/31/22 10:53
Acetonitrile	2.41	Peak assignment corrected	alvesn	03/31/22 10:24
Bromochloromethane	3.65	Peak assignment corrected	alvesn	03/31/22 10:25
1,1,1-Trichloroethane	3.83	Peak assignment corrected	alvesn	03/31/22 10:25

Lab Sample ID: ICIS 860-47061/6 Client Sample ID:

Date Analyzed: 03/31/22 10:28 Lab File ID: E03312211.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromomethane	1.47	Baseline	alvesn	03/31/22 11:01
Diethyl ether	1.96	Peak assignment corrected	alvesn	03/31/22 10:52
Acetonitrile	2.41	Peak assignment corrected	alvesn	03/31/22 10:47
1,1,1-Trichloroethane	3.83	Peak assignment corrected	alvesn	03/31/22 10:47
o-Xylene	6.88	Peak assignment corrected	alvesn	03/31/22 10:48

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Instrument ID: A292 Analysis Batch Number: 47061

Lab Sample ID: IC 860-47061/7 Client Sample ID:

Date Analyzed: 03/31/22 11:09 Lab File ID: E03312213.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromomethane	1.47	Baseline	alvesn	03/31/22 11:30
Acetonitrile	2.41	Baseline	alvesn	03/31/22 11:30
Pentafluorobenzene	3.85	Peak assignment corrected	alvesn	03/31/22 11:29

Lab Sample ID: IC 860-47061/8 Client Sample ID:

Date Analyzed: 03/31/22 11:50 Lab File ID: E03312215.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromomethane	1.47	Baseline	alvesn	03/31/22 12:07
Pentafluorobenzene	3.85	Peak assignment corrected	alvesn	03/31/22 12:07
o-Xylene	6.88	Baseline	alvesn	03/31/22 12:08

Lab Sample ID: ICV 860-47061/10 Client Sample ID:

Date Analyzed: 03/31/22 12:51 Lab File ID: E03312218.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromomethane	1.47	Baseline	alvesn	03/31/22 13:12
Acetonitrile	2.41	Peak assignment corrected	alvesn	03/31/22 13:11
1,1,1-Trichloroethane	3.83	Baseline	alvesn	03/31/22 13:12

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Instrument ID: A292 Analysis Batch Number: 49900

Lab Sample ID: CCVIS 860-49900/2 Client Sample ID:

Date Analyzed: 04/22/22 07:55 Lab File ID: E04222203.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetonitrile	2.40	Peak assignment corrected	alvesn	04/22/22 08:15
1,1,1-Trichloroethane	3.83	Peak assignment corrected	alvesn	04/22/22 08:38

Lab Sample ID: 860-24865-8 Client Sample ID: Artesia-MW29-04192022

Date Analyzed: 04/22/22 13:45 Lab File ID: E04222220.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzene	4.09	Peak assignment corrected	suporna	04/24/22 18:23
Naphthalene	9.80	Peak assignment corrected	suporna	04/24/22 18:24

Lab Sample ID: 860-24865-9 Client Sample ID: Artesia-MW28-04192022

Date Analyzed: 04/22/22 14:05 Lab File ID: E04222221.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzene	4.10	Peak assignment corrected	suporna	04/24/22 18:23
Naphthalene	9.79	Peak assignment corrected	suporna	04/24/22 18:23

Lab Sample ID: 860-24865-10 Client Sample ID: Artesia-MW31-04192022

Date Analyzed: 04/22/22 14:26 Lab File ID: E04222222.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1-Dichloroethane	3.05	Peak assignment corrected	suporna	04/24/22 18:25

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Instrument ID: A292 Analysis Batch Number: 49900

Lab Sample ID: 860-24865-12 Client Sample ID: Artesia-MD30-04192022

Date Analyzed: 04/22/22 15:07 Lab File ID: E04222224.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzene	4.09	Peak assignment corrected	suporna	04/24/22 18:26

Lab Sample ID: 860-24865-17 Client Sample ID: Artesia-MW17C-04192022

Date Analyzed: 04/22/22 16:08 Lab File ID: E04222227.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1-Dichloroethene	2.16	Peak assignment corrected	suporna	04/24/22 18:27
1,1-Dichloroethane	3.05	Peak assignment corrected	suporna	04/24/22 18:27

Lab Sample ID: 860-24865-19 Client Sample ID: Artesia-MD11-04192022

Date Analyzed: 04/22/22 16:49 Lab File ID: E04222229.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1-Dichloroethene	2.13	Peak assignment corrected	suporna	04/24/22 18:28

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Instrument ID: A325 Analysis Batch Number: 49353

Lab Sample ID: IC 860-49353/3 Client Sample ID:

Date Analyzed: 04/19/22 08:15 Lab File ID: 04192204.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Dichlorodifluoromethane	1.25	Peak assignment corrected	dangt	04/20/22 07:52
Chloroethane	1.88	Peak assignment corrected	dangt	04/20/22 07:52
Iodomethane (Methyl Iodide)	2.73	Assign Peak	dangt	04/20/22 07:52
Isopropyl alcohol	2.85	Assign Peak	dangt	04/20/22 07:52
Methyl acetate	2.99	Assign Peak	dangt	04/20/22 07:52
trans-1,2-Dichloroethene	3.30	Peak assignment corrected	dangt	04/20/22 08:37
1,1-Dichloroethane	3.68	Assign Peak	dangt	04/20/22 07:53
Chloroprene	3.75	Peak assignment corrected	dangt	04/20/22 09:24
Ethyl acetate	4.26	Peak assignment corrected	dangt	04/24/22 10:32
1,1,1-Trichloroethane	4.60	Assign Peak	dangt	04/20/22 07:53
Cyclohexane	4.64	Assign Peak	dangt	04/20/22 07:53
1,2-Dibromoethane	7.38	Assign Peak	dangt	04/20/22 07:54
1,1,2,2-Tetrachloroethane	9.04	Assign Peak	dangt	04/20/22 07:54
trans-1,4-Dichloro-2-butene	9.10	Assign Peak	dangt	04/20/22 07:54
2-Chlorotoluene	9.22	Assign Peak	dangt	04/20/22 07:54
1,4-Dioxane (P-Dioxane)		Invalid Compound ID	dangt	04/20/22 07:53
1,4-Dichlorobenzene	10.03	Assign Peak	dangt	04/20/22 07:54

Lab Sample ID: IC 860-49353/4 Client Sample ID:

Date Analyzed: 04/19/22 09:06 Lab File ID: 04192205.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Isopropyl alcohol	2.84	Peak assignment corrected	dangt	04/20/22 08:02
trans-1,2-Dichloroethene	3.30	Peak assignment corrected	dangt	04/20/22 08:37
Chloroprene	3.75	Peak assignment corrected	dangt	04/20/22 09:24
Ethyl acetate	4.26	Peak assignment corrected	dangt	04/24/22 10:33
Tetrahydrofuran	4.43	Assign Peak	dangt	04/20/22 07:55
1,1,1-Trichloroethane	4.59	Peak assignment corrected	dangt	04/20/22 07:55
1,4-Dichlorobenzene	10.03	Peak assignment corrected	dangt	04/20/22 07:56

8260C

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Instrument ID: A325 Analysis Batch Number: 49353

Lab Sample ID: IC 860-49353/5 Client Sample ID:

Date Analyzed: 04/19/22 09:26 Lab File ID: 04192206.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Isopropyl alcohol	2.85	Peak assignment corrected	dangt	04/20/22 08:02
Acrylonitrile	3.30	Peak assignment corrected	dangt	04/20/22 07:56
trans-1,2-Dichloroethene	3.30	Peak assignment corrected	dangt	04/20/22 08:38
Chloroprene	3.75	Peak assignment corrected	dangt	04/20/22 09:24
2,2-Dichloropropane	4.17	Peak assignment corrected	dangt	04/20/22 07:56
cis-1,2-Dichloroethene	4.18	Peak assignment corrected	dangt	04/20/22 07:56
Ethyl acetate	4.27	Peak assignment corrected	dangt	04/24/22 10:33
o-Xylene	8.40	Peak assignment corrected	dangt	04/20/22 07:57
1,4-Dichlorobenzene	10.03	Peak assignment corrected	dangt	04/20/22 07:57

Lab Sample ID: IC 860-49353/6 Client Sample ID:

Date Analyzed: 04/19/22 09:47 Lab File ID: 04192207.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
trans-1,2-Dichloroethene	3.30	Peak assignment corrected	dangt	04/20/22 08:38
Chloroprene	3.75	Peak assignment corrected	dangt	04/20/22 09:24
2,2-Dichloropropane	4.17	Peak assignment corrected	dangt	04/20/22 07:57
cis-1,2-Dichloroethene	4.18	Peak assignment corrected	dangt	04/20/22 07:58
Ethyl acetate	4.26	Peak assignment corrected	dangt	04/24/22 10:33

Lab Sample ID: ICIS 860-49353/7 Client Sample ID:

Date Analyzed: 04/19/22 10:07 Lab File ID: 04192208.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
trans-1,2-Dichloroethene	3.30	Peak assignment corrected	dangt	04/20/22 08:34
Chloroprene	3.75	Peak assignment corrected	dangt	04/20/22 09:23
Ethyl acetate	4.27	Peak assignment corrected	dangt	04/24/22 10:32

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Instrument ID: A325 Analysis Batch Number: 49353

Lab Sample ID: IC 860-49353/8 Client Sample ID:

Date Analyzed: 04/19/22 10:28 Lab File ID: 04192209.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
trans-1,2-Dichloroethene	3.30	Peak assignment corrected	dangt	04/20/22 08:38
Acrylonitrile	3.31	Peak assignment corrected	dangt	04/20/22 07:59
Chloroprene	3.75	Peak assignment corrected	dangt	04/20/22 09:28
2,2-Dichloropropane	4.17	Peak assignment corrected	dangt	04/20/22 07:59
cis-1,2-Dichloroethene	4.18	Peak assignment corrected	dangt	04/20/22 07:59
Ethyl acetate	4.27	Peak assignment corrected	dangt	04/24/22 10:33
o-Xylene	8.41	Peak assignment corrected	dangt	04/20/22 08:00

Lab Sample ID: IC 860-49353/9 Client Sample ID:

Date Analyzed: 04/19/22 10:48 Lab File ID: 04192210.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
trans-1,2-Dichloroethene	3.30	Peak assignment corrected	dangt	04/20/22 08:38
Chloroprene	3.75	Peak assignment corrected	dangt	04/20/22 09:28
Ethyl acetate	4.27	Peak assignment corrected	dangt	04/24/22 10:33
Pentafluorobenzene	4.64	Peak assignment corrected	dangt	04/20/22 08:00
o-Xylene	8.41	Peak assignment corrected	dangt	04/20/22 08:00
1,4-Dichlorobenzene-d4	10.01	Peak assignment corrected	dangt	04/20/22 08:00

Lab Sample ID: ICV 860-49353/11 Client Sample ID:

Date Analyzed: 04/19/22 11:29 Lab File ID: 04192212.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Ethyl acetate	4.27	Peak assignment corrected	dangt	04/24/22 10:46

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Instrument ID: A325 Analysis Batch Number: 50170

Lab Sample ID: CCVIS 860-50170/2 Client Sample ID:

Date Analyzed: 04/26/22 12:39 Lab File ID: 0426202.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
o-Xylene	8.41	Peak assignment corrected	dangt	04/26/22 12:59

8260C

HPLC/IC MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Instrument ID: A166 Analysis Batch Number: 49141

Lab Sample ID: IC 860-49141/1 Client Sample ID:

Date Analyzed: 04/16/22 14:34 Lab File ID: 16_Apr_2022 14_34.d GC Column: AS-18 ID: 0.004(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Fluoride	3.25	Baseline Smoothing	paigea	04/16/22 17:23
Chloride	4.56	Peak assignment corrected	paigea	04/16/22 17:22
Sulfate	6.64	Peak assignment corrected	paigea	04/16/22 17:22
Bromide	7.74	Peak assignment corrected	paigea	04/16/22 17:22

Lab Sample ID: IC 860-49141/2 Client Sample ID:

Date Analyzed: 04/16/22 14:47 Lab File ID: 16_Apr_2022 14_47.d GC Column: AS-18 ID: 0.004(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Fluoride	3.25	Baseline Smoothing	paigea	04/16/22 17:23
Chloride	4.56	Peak assignment corrected	paigea	04/16/22 17:22
Sulfate	6.65	Peak assignment corrected	paigea	04/16/22 17:22
Bromide	7.75	Baseline Smoothing	paigea	04/16/22 17:23

Lab Sample ID: IC 860-49141/3 Client Sample ID:

Date Analyzed: 04/16/22 15:01 Lab File ID: 16_Apr_2022 15_01.d GC Column: AS-18 ID: 0.004(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloride	4.57	Peak assignment corrected	paigea	04/16/22 17:21
Sulfate	6.62	Peak assignment corrected	paigea	04/16/22 17:21
Bromide	7.74	Peak assignment corrected	paigea	04/16/22 17:21

300.0

HPLC/IC MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Instrument ID: A166 Analysis Batch Number: 49141

Lab Sample ID: IC 860-49141/4 Client Sample ID:

Date Analyzed: 04/16/22 15:15 Lab File ID: 16_Apr_2022 15_15.d GC Column: AS-18 ID: 0.004(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloride	4.57	Peak assignment corrected	paigea	04/16/22 17:24
Sulfate	6.66	Peak assignment corrected	paigea	04/16/22 17:24
Bromide	7.75	Peak assignment corrected	paigea	04/16/22 17:24

Lab Sample ID: IC 860-49141/5 Client Sample ID:

Date Analyzed: 04/16/22 15:28 Lab File ID: 16_Apr_2022 15_28.d GC Column: AS-18 ID: 0.004(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloride	4.56	Peak assignment corrected	paigea	04/16/22 17:24
Sulfate	6.61	Peak assignment corrected	paigea	04/16/22 17:24

Lab Sample ID: IC 860-49141/8 Client Sample ID:

Date Analyzed: 04/16/22 16:09 Lab File ID: 16_Apr_2022 16_09.d GC Column: AS-18 ID: 0.004(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloride	4.54	Peak assignment corrected	paigea	04/16/22 17:19
Sulfate	6.39	Peak assignment corrected	paigea	04/16/22 17:19
Bromide	7.46	Peak assignment corrected	paigea	04/16/22 17:18

Lab Sample ID: IC 860-49141/9 Client Sample ID:

Date Analyzed: 04/16/22 16:23 Lab File ID: 16_Apr_2022 16_23.d GC Column: AS-18 ID: 0.004(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloride	4.51	Peak assignment corrected	paigea	04/16/22 17:19
Sulfate	6.23	Peak assignment corrected	paigea	04/16/22 17:19
Bromide	7.21	Baseline Smoothing	paigea	04/16/22 17:19

300.0

HPLC/IC MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Instrument ID: A166 Analysis Batch Number: 49141

Lab Sample ID: IC 860-49141/10 Client Sample ID:

Date Analyzed: 04/16/22 16:36 Lab File ID: 16_Apr_2022 16_36.d GC Column: AS-18 ID: 0.004(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloride	4.48	Peak assignment corrected	paigea	04/16/22 17:20
Sulfate	5.98	Baseline Smoothing	paigea	04/16/22 17:20
Bromide	6.87	Baseline Smoothing	paigea	04/16/22 17:20

300.0

HPLC/IC MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Instrument ID: A166 Analysis Batch Number: 50533

Lab Sample ID: IC 860-50533/7 Client Sample ID:

Date Analyzed: 04/27/22 15:10 Lab File ID: 27_Apr_2022 15_10.d GC Column: AS-18 ID: 0.004(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Sulfate	6.39	Unspecified	paigea	04/27/22 16:54

Lab Sample ID: IC 860-50533/9 Client Sample ID:

Date Analyzed: 04/27/22 15:37 Lab File ID: 27_Apr_2022 15_37.d GC Column: AS-18 ID: 0.004(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Sulfate	6.09	Baseline Smoothing	paigea	04/27/22 16:52
Bromide	7.00	Baseline Smoothing	paigea	04/27/22 16:52

Lab Sample ID: IC 860-50533/10 Client Sample ID:

Date Analyzed: 04/27/22 15:51 Lab File ID: 27_Apr_2022 15_51.d GC Column: AS-18 ID: 0.004(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Sulfate	5.87	Baseline Smoothing	paigea	04/27/22 16:43
Bromide	6.69	Baseline Smoothing	paigea	04/27/22 16:43

300.0

HPLC/IC MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Instrument ID: A166 Analysis Batch Number: 50784

Lab Sample ID: CCB 860-50784/2 Client Sample ID:

Date Analyzed: 04/28/22 13:25 Lab File ID: 28_Apr_2022 13_25.d GC Column: AS-18 ID: 0.004(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Sulfate		Invalid Compound ID	prommekw	04/29/22 15:23

Lab Sample ID: CCB 860-50784/14 Client Sample ID:

Date Analyzed: 04/28/22 16:33 Lab File ID: 28_Apr_2022 16_33.d GC Column: AS-18 ID: 0.004(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Sulfate		Invalid Compound ID	prommekw	04/29/22 16:32

Lab Sample ID: CCB 860-50784/24 Client Sample ID:

Date Analyzed: 04/29/22 01:18 Lab File ID: 29_Apr_2022 01_18.d GC Column: AS-18 ID: 0.004(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Sulfate		Invalid Compound ID	prommekw	04/29/22 16:33

Lab Sample ID: CCB 860-50784/36 Client Sample ID:

Date Analyzed: 04/29/22 04:04 Lab File ID: 29_Apr_2022 04_04.d GC Column: AS-18 ID: 0.004(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Sulfate		Invalid Compound ID	prommekw	04/29/22 16:36

Lab Sample ID: 860-24865-14 Client Sample ID: Artesia-MW36-04192022

Date Analyzed: 04/29/22 05:28 Lab File ID: 29_Apr_2022 05_28.d GC Column: AS-18 ID: 0.004(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Sulfate	6.06	Peak assignment corrected	prommekw	04/29/22 18:27

300.0

HPLC/IC MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Instrument ID: A166 Analysis Batch Number: 50784

Lab Sample ID: 860-24865-15 Client Sample ID: Artesia-MW38-04192022

Date Analyzed: 04/29/22 05:41 Lab File ID: 29_Apr_2022 05_41.d GC Column: AS-18 ID: 0.004(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Sulfate	6.03	Peak assignment corrected	prommekw	04/29/22 18:27

Lab Sample ID: 860-24865-16 Client Sample ID: Artesia-MW37-04192022

Date Analyzed: 04/29/22 05:55 Lab File ID: 29_Apr_2022 05_55.d GC Column: AS-18 ID: 0.004(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Sulfate	6.15	Peak assignment corrected	prommekw	04/29/22 18:27

300.0

Method 8260C

Volatile Organic Compounds (GC/MS) by Method 8260C

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Houston Job No.: 860-24865-1

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-TB01-04192022	860-24865-1	98	93	102	98
Artesia-Inlet-04192022	860-24865-2	108	117	106	106
Artesia-Inlet-04192022 RA	860-24865-2 RA	99	86	102	99
Artesia-MID-04192022	860-24865-3	107	117	105	107
Artesia-MID-04192022 RA	860-24865-3 RA	99	87	100	96
Artesia-Outlet-04192022	860-24865-4	110	117	106	107
Artesia-Outlet-04192022 RA	860-24865-4 RA	97	86	101	99
Artesia-MW40-04192022	860-24865-5	108	117	106	107
Artesia-MW40-04192022 RA	860-24865-5 RA	101	87	100	98
Artesia-MW39-04192022	860-24865-6	109	119	106	108
Artesia-MW39-04192022 RA	860-24865-6 RA	100	86	100	97
Artesia-MW35-04192022	860-24865-7	109	120	106	109
Artesia-MW29-04192022	860-24865-8	108	117	104	108
Artesia-MW28-04192022	860-24865-9	108	117	104	106
Artesia-MW28-04192022 RA	860-24865-9 RA	104	89	99	94
Artesia-MW31-04192022	860-24865-10	109	117	105	107
Artesia-MW31-04192022 RA	860-24865-10 RA	99	84	99	98
Artesia-MW30-04192022	860-24865-11	109	118	105	107
Artesia-MW30-04192022 RA	860-24865-11 RA	101	87	99	95
Artesia-MD30-04192022	860-24865-12	109	117	105	105
Artesia-MD30-04192022 RA	860-24865-12 RA	102	87	100	99
Artesia-TB02-04192022	860-24865-13	98	94	101	100
Artesia-MW36-04192022	860-24865-14	108	116	106	106
Artesia-MW36-04192022 RA	860-24865-14 RA	96	87	99	93

	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 Houston Job No.: 860-24865-1

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-MW38-04192022	860-24865-15	108	119	105	105
Artesia-MW38-04192022 RA	860-24865-15 RA	101	84	99	92
Artesia-MW37-04192022	860-24865-16	109	118	105	108
Artesia-MW37-04192022 RA	860-24865-16 RA	101	87	99	96
Artesia-MW17C-04192022	860-24865-17	109	119	105	108
Artesia-MW17C-04192022 RA	860-24865-17 RA	101	87	100	97
Artesia-MW11-04192022	860-24865-18	108	119	104	106
Artesia-MW11-04192022 RA	860-24865-18 RA	102	87	99	96
Artesia-MD11-04192022	860-24865-19	110	119	106	107
Artesia-MD11-04192022 RA	860-24865-19 RA	102	85	98	94
Artesia-MW12-04192022	860-24865-20	109	119	105	107
Artesia-MW12-04192022 RA	860-24865-20 RA	101	84	99	95
	MB 860-49900/11	108	116	103	105
	MB 860-50170/10	99	94	102	100
	MB 860-50183/7	98	84	100	97
	MB 860-50353/7	97	86	99	92
	LCS 860-49900/3	108	113	102	105
	LCS 860-50170/3	103	92	100	100
	LCS 860-50183/3	95	90	97	86
	LCS 860-50353/3	97	94	99	87
	LCSD 860-49900/4	109	113	102	104
	LCSD 860-50170/4	100	94	99	98
	LCSD 860-50183/4	96	90	97	89
	LCSD 860-50353/4	95	90	97	89
Artesia-MW36-04192022 MS	860-24865-14 MS	109	112	102	105
Artesia-MW36-04192022 MSD	860-24865-14 MSD	110	113	102	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 III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Matrix: Water Level: Low Lab File ID: E04222204.D

Lab ID: LCS 860-49900/3 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethene	0.0500	0.04957	99	59-172	
Benzene	0.0500	0.05116	102	66-142	
1,1-Dichloroethane	0.0500	0.05499	110	72-125	
Tetrachloroethene	0.0500	0.04888	98	71-125	
Naphthalene	0.0500	0.04901	98	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 Houston Job No.: 860-24865-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 0426203.D

Lab ID: LCS 860-50170/3 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethene	0.0500	0.05370	107	59-172	
Benzene	0.0500	0.05056	101	66-142	
1,1-Dichloroethane	0.0500	0.05087	102	72-125	
Tetrachloroethene	0.0500	0.04655	93	71-125	
Naphthalene	0.0500	0.04337	87	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 Houston Job No.: 860-24865-1

SDG No.:

Matrix: Water Level: Low Lab File ID: J04252203.D

Lab ID: LCS 860-50183/3 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC	QC LIMITS REC	#
Tetrachloroethene	0.0500	0.04689	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 Houston Job No.: 860-24865-1

SDG No.:

Matrix: Water Level: Low Lab File ID: J04262203.D

Lab ID: LCS 860-50353/3 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethene	0.0500	0.04780	96	59-172	
Benzene	0.0500	0.05440	109	66-142	
1,1-Dichloroethane	0.0500	0.05480	110	72-125	
Tetrachloroethene	0.0500	0.04894	98	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 Houston Job No.: 860-24865-1

SDG No.:

Matrix: Water Level: Low Lab File ID: E04222205.D

Lab ID: LCSD 860-49900/4 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	0.04957	99	0	25	59-172	
Benzene	0.0500	0.05031	101	2	25	66-142	
1,1-Dichloroethane	0.0500	0.05468	109	1	25	72-125	
Tetrachloroethene	0.0500	0.04851	97	1	25	71-125	
Naphthalene	0.0500	0.05332	107	8	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 Houston Job No.: 860-24865-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 0426204.D

Lab ID: LCSD 860-50170/4 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	0.05285	106	2	25	59-172	
Benzene	0.0500	0.04941	99	2	25	66-142	
1,1-Dichloroethane	0.0500	0.04969	99	2	25	72-125	
Tetrachloroethene	0.0500	0.04563	91	2	25	71-125	
Naphthalene	0.0500	0.04526	91	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 Houston Job No.: 860-24865-1

SDG No.:

Matrix: Water Level: Low Lab File ID: J04252204.D

Lab ID: LCSD 860-50183/4 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Tetrachloroethene	0.0500	0.04466	89	5	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 Houston Job No.: 860-24865-1

SDG No.:

Matrix: Water Level: Low Lab File ID: J04262204.D

Lab ID: LCSD 860-50353/4 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	0.03966	79	19	25	59-172	
Benzene	0.0500	0.04999	100	8	25	66-142	
1,1-Dichloroethane	0.0500	0.05065	101	8	25	72-125	
Tetrachloroethene	0.0500	0.04412	88	10	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 Houston Job No.: 860-24865-1

SDG No.:

Matrix: Water Level: Low Lab File ID: E04222206.D

Lab ID: 860-24865-14 MS Client ID: Artesia-MW36-04192022 MS

COMPOUND	SPIKE ADDED (mg/L)	SAMPLE CONCENTRATION (mg/L)	MS CONCENTRATION (mg/L)	MS % REC	QC LIMITS REC	#
1,1-Dichloroethene	0.0500	0.000324 J	0.06115	122	59-172	
Benzene	0.0500	0.000658 J	0.06027	119	66-142	
1,1-Dichloroethane	0.0500	0.0121	0.08462	145	72-125	F1
Tetrachloroethene	0.0500	0.00560	0.06641	122	71-125	
Naphthalene	0.0500	0.00200 U	0.05475	109	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 Houston Job No.: 860-24865-1

SDG No.:

Matrix: Water Level: Low Lab File ID: E04222207.D

Lab ID: 860-24865-14 MSD Client ID: Artesia-MW36-04192022 MSD

COMPOUND	SPIKE ADDED (mg/L)	MSD CONCENTRATION (mg/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1-Dichloroethene	0.0500	0.06363	127	4	25	59-172	
Benzene	0.0500	0.06150	122	2	25	66-142	
1,1-Dichloroethane	0.0500	0.08575	147	1	25	72-125	F1
Tetrachloroethene	0.0500	0.06665	122	0	25	71-125	
Naphthalene	0.0500	0.05718	114	4	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 Houston Job No.: 860-24865-1

SDG No.:

Lab File ID: E04222212.D Lab Sample ID: MB 860-49900/11

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: A292 Date Analyzed: 04/22/2022 11:01

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 860-49900/3	E04222204.D	04/22/2022 08:17
	LCSD 860-49900/4	E04222205.D	04/22/2022 08:37
Artesia-MW36-04192022 MS	860-24865-14 MS	E04222206.D	04/22/2022 08:58
Artesia-MW36-04192022 MSD	860-24865-14 MSD	E04222207.D	04/22/2022 09:18
Artesia-MW36-04192022	860-24865-14	E04222213.D	04/22/2022 11:21
Artesia-Inlet-04192022	860-24865-2	E04222214.D	04/22/2022 11:42
Artesia-MID-04192022	860-24865-3	E04222215.D	04/22/2022 12:02
Artesia-Outlet-04192022	860-24865-4	E04222216.D	04/22/2022 12:23
Artesia-MW40-04192022	860-24865-5	E04222217.D	04/22/2022 12:43
Artesia-MW39-04192022	860-24865-6	E04222218.D	04/22/2022 13:04
Artesia-MW35-04192022	860-24865-7	E04222219.D	04/22/2022 13:24
Artesia-MW29-04192022	860-24865-8	E04222220.D	04/22/2022 13:45
Artesia-MW28-04192022	860-24865-9	E04222221.D	04/22/2022 14:05
Artesia-MW31-04192022	860-24865-10	E04222222.D	04/22/2022 14:26
Artesia-MW30-04192022	860-24865-11	E04222223.D	04/22/2022 14:46
Artesia-MD30-04192022	860-24865-12	E04222224.D	04/22/2022 15:07
Artesia-MW38-04192022	860-24865-15	E04222225.D	04/22/2022 15:27
Artesia-MW37-04192022	860-24865-16	E04222226.D	04/22/2022 15:48
Artesia-MW17C-04192022	860-24865-17	E04222227.D	04/22/2022 16:08
Artesia-MW11-04192022	860-24865-18	E04222228.D	04/22/2022 16:29
Artesia-MD11-04192022	860-24865-19	E04222229.D	04/22/2022 16:49
Artesia-MW12-04192022	860-24865-20	E04222230.D	04/22/2022 17:10

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Lab File ID: J04252207.D Lab Sample ID: MB 860-50183/7

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: A131 Date Analyzed: 04/25/2022 10:59

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 860-50183/3	J04252203.D	04/25/2022 09:37
	LCSD 860-50183/4	J04252204.D	04/25/2022 09:57
Artesia-Inlet-04192022 RA	860-24865-2 RA	J04252209.D	04/25/2022 11:57
Artesia-MID-04192022 RA	860-24865-3 RA	J04252210.D	04/25/2022 12:18
Artesia-Outlet-04192022 RA	860-24865-4 RA	J04252211.D	04/25/2022 12:38
Artesia-MW40-04192022 RA	860-24865-5 RA	J04252212.D	04/25/2022 12:59
Artesia-MW39-04192022 RA	860-24865-6 RA	J04252213.D	04/25/2022 13:19
Artesia-MW28-04192022 RA	860-24865-9 RA	J04252214.D	04/25/2022 13:40
Artesia-MW31-04192022 RA	860-24865-10 RA	J04252215.D	04/25/2022 14:00
Artesia-MW30-04192022 RA	860-24865-11 RA	J04252216.D	04/25/2022 14:20
Artesia-MD30-04192022 RA	860-24865-12 RA	J04252217.D	04/25/2022 14:41
Artesia-MW38-04192022 RA	860-24865-15 RA	J04252218.D	04/25/2022 15:01
Artesia-MW37-04192022 RA	860-24865-16 RA	J04252219.D	04/25/2022 15:22
Artesia-MW17C-04192022 RA	860-24865-17 RA	J04252220.D	04/25/2022 15:42
Artesia-MW11-04192022 RA	860-24865-18 RA	J04252221.D	04/25/2022 16:03
Artesia-MD11-04192022 RA	860-24865-19 RA	J04252222.D	04/25/2022 16:23
Artesia-MW12-04192022 RA	860-24865-20 RA	J04252223.D	04/25/2022 16:44

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Lab File ID: J04262207.D Lab Sample ID: MB 860-50353/7

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: A131 Date Analyzed: 04/26/2022 11:01

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 860-50353/3	J04262203.D	04/26/2022 09:40
	LCSD 860-50353/4	J04262204.D	04/26/2022 10:00
Artesia-MW36-04192022 RA	860-24865-14 RA	J04262217.D	04/26/2022 14:26

FORM IV 8260C

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Lab File ID: 0426210.D Lab Sample ID: MB 860-50170/10

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: A325 Date Analyzed: 04/26/2022 15:42

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 860-50170/3	0426203.D	04/26/2022 13:17
	LCSD 860-50170/4	0426204.D	04/26/2022 13:37
Artesia-TB01-04192022	860-24865-1	0426211.D	04/26/2022 16:03
Artesia-TB02-04192022	860-24865-13	0426212.D	04/26/2022 16:23

FORM IV 8260C

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Lab File ID: J04182221.D BFB Injection Date: 04/18/2022

Instrument ID: A131 BFB Injection Time: 16:28

Analysis Batch No.: 49306

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	21.7	
75	30.0 - 60.0 % of mass 95	52.3	
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	0.4	(0.5) 1
174	Greater than 50% of mass 95	88.1	
175	5.0 - 9.0 % of mass 174	6.5	(7.4) 1
176	95.0 - 101.0 % of mass 174	84.5	(96.0) 1
177	5.0 - 9.0 % of mass 176	5.7	(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 860-49306/2	J04182223.D	04/18/2022	17:09
	IC 860-49306/3	J04182224.D	04/18/2022	17:30
	IC 860-49306/4	J04182225.D	04/18/2022	17:50
	IC 860-49306/5	J04182226.D	04/18/2022	18:10
	ICIS 860-49306/6	J04182227.D	04/18/2022	18:39
	IC 860-49306/7	J04182228.D	04/18/2022	18:59
	IC 860-49306/8	J04182229.D	04/18/2022	19:20
	ICV 860-49306/10	J04182231.D	04/18/2022	20:01

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FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Lab File ID: J04202215.D BFB Injection Date: 04/20/2022

Instrument ID: A131 BFB Injection Time: 16:20

Analysis Batch No.: 49663

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	21.3	
75	30.0 - 60.0 % of mass 95	52.9	
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	88.9	
175	5.0 - 9.0 % of mass 174	7.2	(8.1) 1
176	95.0 - 101.0 % of mass 174	86.3	(97.1) 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 860-49663/2	J04202216.D	04/20/2022	16:40
	IC 860-49663/3	J04202217.D	04/20/2022	17:01
	IC 860-49663/4	J04202218.D	04/20/2022	17:21
	IC 860-49663/5	J04202219.D	04/20/2022	17:42
	IC 860-49663/6	J04202220.D	04/20/2022	18:02
	IC 860-49663/7	J04202221.D	04/20/2022	18:23
	IC 860-49663/8	J04202222.D	04/20/2022	18:43

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FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Lab File ID: J04252201.D BFB Injection Date: 04/25/2022

Instrument ID: A131 BFB Injection Time: 08:53

Analysis Batch No.: 50183

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.1	
75	30.0 - 60.0 % of mass 95	46.8	
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	88.9	
175	5.0 - 9.0 % of mass 174	6.5	(7.3) 1
176	95.0 - 101.0 % of mass 174	86.6	(97.4) 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
	CCVIS 860-50183/2	J04252202.D	04/25/2022	9:14
	LCS 860-50183/3	J04252203.D	04/25/2022	9:37
	LCSD 860-50183/4	J04252204.D	04/25/2022	9:57
	MB 860-50183/7	J04252207.D	04/25/2022	10:59
Artesia-Inlet-04192022 RA	860-24865-2 RA	J04252209.D	04/25/2022	11:57
Artesia-MID-04192022 RA	860-24865-3 RA	J04252210.D	04/25/2022	12:18
Artesia-Outlet-04192022 RA	860-24865-4 RA	J04252211.D	04/25/2022	12:38
Artesia-MW40-04192022 RA	860-24865-5 RA	J04252212.D	04/25/2022	12:59
Artesia-MW39-04192022 RA	860-24865-6 RA	J04252213.D	04/25/2022	13:19
Artesia-MW28-04192022 RA	860-24865-9 RA	J04252214.D	04/25/2022	13:40
Artesia-MW31-04192022 RA	860-24865-10 RA	J04252215.D	04/25/2022	14:00
Artesia-MW30-04192022 RA	860-24865-11 RA	J04252216.D	04/25/2022	14:20
Artesia-MD30-04192022 RA	860-24865-12 RA	J04252217.D	04/25/2022	14:41
Artesia-MW38-04192022 RA	860-24865-15 RA	J04252218.D	04/25/2022	15:01
Artesia-MW37-04192022 RA	860-24865-16 RA	J04252219.D	04/25/2022	15:22
Artesia-MW17C-04192022 RA	860-24865-17 RA	J04252220.D	04/25/2022	15:42
Artesia-MW11-04192022 RA	860-24865-18 RA	J04252221.D	04/25/2022	16:03
Artesia-MD11-04192022 RA	860-24865-19 RA	J04252222.D	04/25/2022	16:23
Artesia-MW12-04192022 RA	860-24865-20 RA	J04252223.D	04/25/2022	16:44

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FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Lab File ID: J04262201.D BFB Injection Date: 04/26/2022

Instrument ID: A131 BFB Injection Time: 08:46

Analysis Batch No.: 50353

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	46.8	
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	88.6	
175	5.0 - 9.0 % of mass 174	6.6	(7.4) 1
176	95.0 - 101.0 % of mass 174	85.0	(96.0) 1
177	5.0 - 9.0 % of mass 176	5.7	(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 860-50353/2	J04262202.D	04/26/2022	9:07
	LCS 860-50353/3	J04262203.D	04/26/2022	9:40
	LCSD 860-50353/4	J04262204.D	04/26/2022	10:00
	MB 860-50353/7	J04262207.D	04/26/2022	11:01
Artesia-MW36-04192022 RA	860-24865-14 RA	J04262217.D	04/26/2022	14:26

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FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Lab File ID: E03312206.D BFB Injection Date: 03/31/2022

Instrument ID: A292 BFB Injection Time: 08:45

Analysis Batch No.: 47061

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.7	
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	6.4	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	78.2	
175	5.0 - 9.0 % of mass 174	6.0	(7.6) 1
176	95.0 - 101.0 % of mass 174	75.8	(96.8) 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
	IC 860-47061/2	E03312207.D	03/31/2022	9:06
	IC 860-47061/3	E03312208.D	03/31/2022	9:26
	IC 860-47061/4	E03312209.D	03/31/2022	9:47
	IC 860-47061/5	E03312210.D	03/31/2022	10:07
	ICIS 860-47061/6	E03312211.D	03/31/2022	10:28
	IC 860-47061/7	E03312213.D	03/31/2022	11:09
	IC 860-47061/8	E03312215.D	03/31/2022	11:50
	ICV 860-47061/10	E03312218.D	03/31/2022	12:51

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FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Lab File ID: E04222202.D BFB Injection Date: 04/22/2022

Instrument ID: A292 BFB Injection Time: 07:16

Analysis Batch No.: 49900

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	51.9	
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	73.4	
175	5.0 - 9.0 % of mass 174	5.8	(7.9) 1
176	95.0 - 101.0 % of mass 174	71.0	(96.7) 1
177	5.0 - 9.0 % of mass 176	4.8	(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
	CCVIS 860-49900/2	E04222203.D	04/22/2022	7:55
	LCS 860-49900/3	E04222204.D	04/22/2022	8:17
	LCSD 860-49900/4	E04222205.D	04/22/2022	8:37
Artesia-MW36-04192022 MS	860-24865-14 MS	E04222206.D	04/22/2022	8:58
Artesia-MW36-04192022 MSD	860-24865-14 MSD	E04222207.D	04/22/2022	9:18
	MB 860-49900/11	E04222212.D	04/22/2022	11:01
Artesia-MW36-04192022	860-24865-14	E04222213.D	04/22/2022	11:21
Artesia-Inlet-04192022	860-24865-2	E04222214.D	04/22/2022	11:42
Artesia-MID-04192022	860-24865-3	E04222215.D	04/22/2022	12:02
Artesia-Outlet-04192022	860-24865-4	E04222216.D	04/22/2022	12:23
Artesia-MW40-04192022	860-24865-5	E04222217.D	04/22/2022	12:43
Artesia-MW39-04192022	860-24865-6	E04222218.D	04/22/2022	13:04
Artesia-MW35-04192022	860-24865-7	E04222219.D	04/22/2022	13:24
Artesia-MW29-04192022	860-24865-8	E04222220.D	04/22/2022	13:45
Artesia-MW28-04192022	860-24865-9	E04222221.D	04/22/2022	14:05
Artesia-MW31-04192022	860-24865-10	E04222222.D	04/22/2022	14:26
Artesia-MW30-04192022	860-24865-11	E04222223.D	04/22/2022	14:46
Artesia-MD30-04192022	860-24865-12	E04222224.D	04/22/2022	15:07
Artesia-MW38-04192022	860-24865-15	E04222225.D	04/22/2022	15:27
Artesia-MW37-04192022	860-24865-16	E04222226.D	04/22/2022	15:48
Artesia-MW17C-04192022	860-24865-17	E04222227.D	04/22/2022	16:08
Artesia-MW11-04192022	860-24865-18	E04222228.D	04/22/2022	16:29
Artesia-MD11-04192022	860-24865-19	E04222229.D	04/22/2022	16:49
Artesia-MW12-04192022	860-24865-20	E04222230.D	04/22/2022	17:10

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FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Lab File ID: BFB Injection Date:

Instrument ID: BFB Injection Time:

Lab File ID: DFTPP Injection Date:

Instrument ID: DFTPP Injection Time:

Analysis Batch No.:

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE

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 860-49353/3	04192204.D	04/19/2022	8:15
	IC 860-49353/4	04192205.D	04/19/2022	9:06
	IC 860-49353/5	04192206.D	04/19/2022	9:26
	IC 860-49353/6	04192207.D	04/19/2022	9:47
	ICIS 860-49353/7	04192208.D	04/19/2022	10:07
	IC 860-49353/8	04192209.D	04/19/2022	10:28
	IC 860-49353/9	04192210.D	04/19/2022	10:48
	ICV 860-49353/11	04192212.D	04/19/2022	11:29

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FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Lab File ID: BFB Injection Date:

Instrument ID: BFB Injection Time:

Lab File ID: DFTPP Injection Date:

Instrument ID: DFTPP Injection Time:

Analysis Batch No.:

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE

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 860-50170/2	0426202.D	04/26/2022	12:39
	LCS 860-50170/3	0426203.D	04/26/2022	13:17
	LCSD 860-50170/4	0426204.D	04/26/2022	13:37
	MB 860-50170/10	0426210.D	04/26/2022	15:42
Artesia-TB01-04192022	860-24865-1	0426211.D	04/26/2022	16:03
Artesia-TB02-04192022	860-24865-13	0426212.D	04/26/2022	16:23

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FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Sample No.: ICIS 860-49306/6 Date Analyzed: 04/18/2022 18:39

Instrument ID: A131 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): J04182227.D Heated Purge: (Y/N) N

Calibration ID: 2898

		PFB		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		348482	3.94	488885	4.46	443030	6.63
UPPER LIMIT		696964	4.44	977770	4.96	886060	7.13
LOWER LIMIT		174241	3.44	244443	3.96	221515	6.13
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 860-49306/10		383492	3.94	532257	4.46	479601	6.63
CCVIS 860-50183/2		439462	3.94	622629	4.46	554682	6.63
CCVIS 860-50353/2		428707	3.94	625352	4.46	557262	6.63

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 Houston Job No.: 860-24865-1

SDG No.:

Sample No.: ICIS 860-49306/6 Date Analyzed: 04/18/2022 18:39

Instrument ID: A131 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): J04182227.D Heated Purge: (Y/N) N

Calibration ID: 2898

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		232675	8.48				
UPPER LIMIT		465350	8.98				
LOWER LIMIT		116338	7.98				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 860-49306/10		257439	8.48				
CCVIS 860-50183/2		282991	8.48				
CCVIS 860-50353/2		283832	8.48				

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 Houston Job No.: 860-24865-1

SDG No.:

Sample No.: CCVIS 860-50183/2 Date Analyzed: 04/25/2022 09:14

Instrument ID: A131 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): J04252202.D Heated Purge: (Y/N) N

Calibration ID: 2909

		PFB		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		439462	3.94	622629	4.46	554682	6.63
UPPER LIMIT		878924	4.44	1245258	4.96	1109364	7.13
LOWER LIMIT		219731	3.44	311315	3.96	277341	6.13
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 860-50183/3		436595	3.94	621164	4.46	555039	6.63
LCSD 860-50183/4		435068	3.94	625926	4.46	555370	6.63
MB 860-50183/7		414036	3.94	604340	4.46	521963	6.63
860-24865-2 RA	Artesia-Inlet-04192022 RA	401110	3.94	594730	4.46	499483	6.63
860-24865-3 RA	Artesia-MID-04192022 RA	395328	3.94	587214	4.46	503727	6.63
860-24865-4 RA	Artesia-Outlet-04192022 RA	399381	3.94	586571	4.46	509393	6.63
860-24865-5 RA	Artesia-MW40-04192022 RA	397564	3.94	589221	4.46	507870	6.63
860-24865-6 RA	Artesia-MW39-04192022 RA	400490	3.94	581090	4.46	510168	6.63
860-24865-9 RA	Artesia-MW28-04192022 RA	385386	3.94	575926	4.46	505236	6.63
860-24865-10 RA	Artesia-MW31-04192022 RA	387156	3.94	581245	4.46	509102	6.63
860-24865-11 RA	Artesia-MW30-04192022 RA	384609	3.94	574731	4.46	502631	6.63
860-24865-12 RA	Artesia-MD30-04192022 RA	391025	3.94	575679	4.46	494537	6.63
860-24865-15 RA	Artesia-MW38-04192022 RA	395956	3.94	585128	4.46	505164	6.63
860-24865-16 RA	Artesia-MW37-04192022 RA	390718	3.94	572759	4.46	493015	6.63
860-24865-17 RA	Artesia-MW17C-04192022 RA	382396	3.94	561388	4.46	490274	6.63
860-24865-18 RA	Artesia-MW11-04192022 RA	385516	3.94	567593	4.46	499768	6.63
860-24865-19 RA	Artesia-MD11-04192022 RA	385610	3.94	568852	4.46	498207	6.63
860-24865-20 RA	Artesia-MW12-04192022 RA	374712	3.94	565302	4.46	488695	6.63

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 Houston Job No.: 860-24865-1

SDG No.:

Sample No.: CCVIS 860-50183/2 Date Analyzed: 04/25/2022 09:14

Instrument ID: A131 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): J04252202.D Heated Purge: (Y/N) N

Calibration ID: 2909

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		282991	8.48				
UPPER LIMIT		565982	8.98				
LOWER LIMIT		141496	7.98				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 860-50183/3		282138	8.48				
LCSD 860-50183/4		274601	8.48				
MB 860-50183/7		227965	8.48				
860-24865-2 RA	Artesia-Inlet-04192022 RA	206772	8.48				
860-24865-3 RA	Artesia-MID-04192022 RA	221195	8.48				
860-24865-4 RA	Artesia-Outlet-04192022 RA	214371	8.48				
860-24865-5 RA	Artesia-MW40-04192022 RA	219160	8.48				
860-24865-6 RA	Artesia-MW39-04192022 RA	223905	8.48				
860-24865-9 RA	Artesia-MW28-04192022 RA	227234	8.48				
860-24865-10 RA	Artesia-MW31-04192022 RA	221260	8.48				
860-24865-11 RA	Artesia-MW30-04192022 RA	222404	8.48				
860-24865-12 RA	Artesia-MD30-04192022 RA	209374	8.48				
860-24865-15 RA	Artesia-MW38-04192022 RA	230221	8.48				
860-24865-16 RA	Artesia-MW37-04192022 RA	214986	8.48				
860-24865-17 RA	Artesia-MW17C-04192022 RA	210091	8.48				
860-24865-18 RA	Artesia-MW11-04192022 RA	216130	8.48				
860-24865-19 RA	Artesia-MD11-04192022 RA	220816	8.48				
860-24865-20 RA	Artesia-MW12-04192022 RA	212962	8.48				

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 Houston Job No.: 860-24865-1

SDG No.:

Sample No.: CCVIS 860-50353/2 Date Analyzed: 04/26/2022 09:07

Instrument ID: A131 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): J04262202.D Heated Purge: (Y/N) N

Calibration ID: 2909

		PFB		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		428707	3.94	625352	4.46	557262	6.63
UPPER LIMIT		857414	4.44	1250704	4.96	1114524	7.13
LOWER LIMIT		214354	3.44	312676	3.96	278631	6.13
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 860-50353/3		431521	3.94	622841	4.46	547871	6.63
LCSD 860-50353/4		441575	3.94	637066	4.46	566629	6.63
MB 860-50353/7		422883	3.94	600340	4.46	514775	6.63
860-24865-14 RA	Artesia-MW36-04192022 RA	406249	3.95	584642	4.47	501075	6.64

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 Houston Job No.: 860-24865-1

SDG No.:

Sample No.: CCVIS 860-50353/2 Date Analyzed: 04/26/2022 09:07

Instrument ID: A131 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): J04262202.D Heated Purge: (Y/N) N

Calibration ID: 2909

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		283832	8.48				
UPPER LIMIT		567664	8.98				
LOWER LIMIT		141916	7.98				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 860-50353/3		277482	8.48				
LCSD 860-50353/4		279234	8.48				
MB 860-50353/7		234142	8.48				
860-24865-14 RA	Artesia-MW36-04192022 RA	227141	8.55				

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 Houston Job No.: 860-24865-1

SDG No.:

Sample No.: ICIS 860-47061/6 Date Analyzed: 03/31/2022 10:28

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): E03312211.D Heated Purge: (Y/N) N

Calibration ID: 2817

		PFB		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		690439	3.86	1052913	4.37	949177	6.41
UPPER LIMIT		1380878	4.36	2105826	4.87	1898354	6.91
LOWER LIMIT		345220	3.36	526457	3.87	474589	5.91
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 860-47061/10		712748	3.86	1086048	4.37	963826	6.41
CCVIS 860-49900/2		610624	3.85	991154	4.36	878733	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 Houston Job No.: 860-24865-1

SDG No.:

Sample No.: ICIS 860-47061/6 Date Analyzed: 03/31/2022 10:28

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): E03312211.D Heated Purge: (Y/N) N

Calibration ID: 2817

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		466580	8.11				
UPPER LIMIT		933160	8.61				
LOWER LIMIT		233290	7.61				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 860-47061/10		470791	8.11				
CCVIS 860-49900/2		414601	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 Houston Job No.: 860-24865-1

SDG No.:

Sample No.: CCVIS 860-49900/2 Date Analyzed: 04/22/2022 07:55

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): E04222203.D Heated Purge: (Y/N) N

Calibration ID: 2817

		PFB		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		610624	3.85	991154	4.36	878733	6.41
UPPER LIMIT		1221248	4.35	1982308	4.86	1757466	6.91
LOWER LIMIT		305312	3.35	495577	3.86	439367	5.91
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 860-49900/3		604446	3.85	972876	4.36	868861	6.41
LCSD 860-49900/4		609676	3.85	990514	4.36	892958	6.41
860-24865-14 MS	Artesia-MW36-04192022 MS	603461	3.85	982245	4.36	875667	6.41
860-24865-14 MSD	Artesia-MW36-04192022 MSD	596816	3.85	973454	4.36	866332	6.41
MB 860-49900/11		648713	3.85	1040997	4.36	916898	6.41
860-24865-14	Artesia-MW36-04192022	635853	3.85	1023035	4.36	879688	6.41
860-24865-2	Artesia-Inlet-04192022	647161	3.85	1034437	4.36	890567	6.41
860-24865-3	Artesia-MID-04192022	638103	3.85	1008597	4.36	864265	6.41
860-24865-4	Artesia-Outlet-04192022	622607	3.85	1009443	4.36	868400	6.41
860-24865-5	Artesia-MW40-04192022	624347	3.85	1002576	4.36	857002	6.41
860-24865-6	Artesia-MW39-04192022	602587	3.85	964019	4.36	832635	6.41
860-24865-7	Artesia-MW35-04192022	594983	3.85	953273	4.36	825344	6.41
860-24865-8	Artesia-MW29-04192022	602156	3.85	969792	4.36	840224	6.41
860-24865-9	Artesia-MW28-04192022	603654	3.85	952234	4.36	829779	6.41
860-24865-10	Artesia-MW31-04192022	597036	3.85	959342	4.36	828021	6.41
860-24865-11	Artesia-MW30-04192022	594542	3.85	954946	4.36	820477	6.41
860-24865-12	Artesia-MD30-04192022	594103	3.85	958208	4.36	828088	6.41
860-24865-15	Artesia-MW38-04192022	585748	3.85	931172	4.36	802023	6.41
860-24865-16	Artesia-MW37-04192022	578405	3.85	923258	4.36	797046	6.41
860-24865-17	Artesia-MW17C-04192022	577691	3.85	922326	4.36	800560	6.41
860-24865-18	Artesia-MW11-04192022	574441	3.85	916844	4.36	793761	6.41
860-24865-19	Artesia-MD11-04192022	590329	3.85	949553	4.36	817464	6.41
860-24865-20	Artesia-MW12-04192022	576134	3.85	925324	4.36	798611	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 Houston Job No.: 860-24865-1

SDG No.:

Sample No.: CCVIS 860-49900/2 Date Analyzed: 04/22/2022 07:55

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): E04222203.D Heated Purge: (Y/N) N

Calibration ID: 2817

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		414601	8.11				
UPPER LIMIT		829202	8.61				
LOWER LIMIT		207301	7.61				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 860-49900/3		408130	8.11				
LCSD 860-49900/4		427586	8.11				
860-24865-14 MS	Artesia-MW36-04192022 MS	412120	8.11				
860-24865-14 MSD	Artesia-MW36-04192022 MSD	406478	8.11				
MB 860-49900/11		411572	8.11				
860-24865-14	Artesia-MW36-04192022	391255	8.11				
860-24865-2	Artesia-Inlet-04192022	393322	8.11				
860-24865-3	Artesia-MID-04192022	379431	8.11				
860-24865-4	Artesia-Outlet-04192022	387725	8.11				
860-24865-5	Artesia-MW40-04192022	375920	8.11				
860-24865-6	Artesia-MW39-04192022	364998	8.11				
860-24865-7	Artesia-MW35-04192022	355526	8.11				
860-24865-8	Artesia-MW29-04192022	363832	8.11				
860-24865-9	Artesia-MW28-04192022	364197	8.11				
860-24865-10	Artesia-MW31-04192022	361329	8.11				
860-24865-11	Artesia-MW30-04192022	359183	8.11				
860-24865-12	Artesia-MD30-04192022	366278	8.11				
860-24865-15	Artesia-MW38-04192022	358872	8.11				
860-24865-16	Artesia-MW37-04192022	347143	8.11				
860-24865-17	Artesia-MW17C-04192022	345882	8.11				
860-24865-18	Artesia-MW11-04192022	344566	8.11				
860-24865-19	Artesia-MD11-04192022	357391	8.11				
860-24865-20	Artesia-MW12-04192022	349673	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 Houston Job No.: 860-24865-1

SDG No.:

Sample No.: ICIS 860-49353/7 Date Analyzed: 04/19/2022 10:07

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): 04192208.D Heated Purge: (Y/N) N

Calibration ID: 2904

		PFB		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		210220	4.64	351951	5.25	337467	7.80
UPPER LIMIT		420440	5.14	703902	5.75	674934	8.30
LOWER LIMIT		105110	4.14	175976	4.75	168734	7.30
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 860-49353/11		216867	4.64	363167	5.25	357375	7.80
CCVIS 860-50170/2		336634	4.64	576129	5.25	546457	7.80

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 Houston Job No.: 860-24865-1

SDG No.:

Sample No.: ICIS 860-49353/7 Date Analyzed: 04/19/2022 10:07

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): 04192208.D Heated Purge: (Y/N) N

Calibration ID: 2904

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		170309	10.01				
UPPER LIMIT		340618	10.51				
LOWER LIMIT		85155	9.51				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 860-49353/11		180528	10.01				
CCVIS 860-50170/2		272785	10.01				

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 Houston Job No.: 860-24865-1

SDG No.:

Sample No.: CCVIS 860-50170/2 Date Analyzed: 04/26/2022 12:39

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): 0426202.D Heated Purge: (Y/N) N

Calibration ID: 2904

		PFB		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		336634	4.64	576129	5.25	546457	7.80
UPPER LIMIT		673268	5.14	1152258	5.75	1092914	8.30
LOWER LIMIT		168317	4.14	288065	4.75	273229	7.30
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 860-50170/3		338661	4.63	579684	5.25	560780	7.80
LCSD 860-50170/4		341412	4.64	582008	5.25	563806	7.80
MB 860-50170/10		361604	4.64	609276	5.25	566939	7.80
860-24865-1	Artesia-TB01-04192022	354573	4.64	598306	5.25	556431	7.80
860-24865-13	Artesia-TB02-04192022	352019	4.64	594577	5.25	558322	7.80

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 Houston Job No.: 860-24865-1

SDG No.:

Sample No.: CCVIS 860-50170/2 Date Analyzed: 04/26/2022 12:39

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): 0426202.D Heated Purge: (Y/N) N

Calibration ID: 2904

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		272785	10.01				
UPPER LIMIT		545570	10.51				
LOWER LIMIT		136393	9.51				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 860-50170/3		281497	10.01				
LCSD 860-50170/4		283074	10.01				
MB 860-50170/10		276350	10.01				
860-24865-1	Artesia-TB01-04192022	281099	10.01				
860-24865-13	Artesia-TB02-04192022	265550	10.01				

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 Houston Job No.: 860-24865-1

SDG No.:

Client Sample ID: Artesia-TB01-04192022 Lab Sample ID: 860-24865-1

Matrix: Water Lab File ID: 0426211.D

Analysis Method: 8260C Date Collected: 04/19/2022 08:00

Sample wt/vol: 5(mL) Date Analyzed: 04/26/2022 16:03

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.: 50170 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)	98		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		63-144
2037-26-5	Toluene-d8 (Surr)	102		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Client Sample ID: Artesia-Inlet-04192022 Lab Sample ID: 860-24865-2

Matrix: Water Lab File ID: E04222214.D

Analysis Method: 8260C Date Collected: 04/19/2022 08:30

Sample wt/vol: 5(mL) Date Analyzed: 04/22/2022 11:42

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.: 49900 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.00492		0.00100	0.000216
71-43-2	Benzene	0.000214	U	0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.00185		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)	106		74-124
1868-53-7	Dibromofluoromethane (Surr)	108		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	117		63-144
2037-26-5	Toluene-d8 (Surr)	106		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Client Sample ID: Artesia-Inlet-04192022 RA Lab Sample ID: 860-24865-2 RA

Matrix: Water Lab File ID: J04252209.D

Analysis Method: 8260C Date Collected: 04/19/2022 08:30

Sample wt/vol: 5(mL) Date Analyzed: 04/25/2022 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.: 50183 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	0.00505		0.00100	0.000500

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)	86		63-144
2037-26-5	Toluene-d8 (Surr)	102		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Client Sample ID: Artesia-MID-04192022 Lab Sample ID: 860-24865-3

Matrix: Water Lab File ID: E04222215.D

Analysis Method: 8260C Date Collected: 04/19/2022 08:35

Sample wt/vol: 5(mL) Date Analyzed: 04/22/2022 12:02

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.: 49900 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.00246		0.00100	0.000216
71-43-2	Benzene	0.000214	U	0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.00400		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)	107		74-124
1868-53-7	Dibromofluoromethane (Surr)	107		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	117		63-144
2037-26-5	Toluene-d8 (Surr)	105		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Client Sample ID: Artesia-MID-04192022 RA Lab Sample ID: 860-24865-3 RA

Matrix: Water Lab File ID: J04252210.D

Analysis Method: 8260C Date Collected: 04/19/2022 08:35

Sample wt/vol: 5(mL) Date Analyzed: 04/25/2022 12:18

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.: 50183 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	0.000500	U	0.00100	0.000500

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	96		74-124
1868-53-7	Dibromofluoromethane (Surr)	99		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	87		63-144
2037-26-5	Toluene-d8 (Surr)	100		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Client Sample ID: Artesia-Outlet-04192022 Lab Sample ID: 860-24865-4

Matrix: Water Lab File ID: E04222216.D

Analysis Method: 8260C Date Collected: 04/19/2022 08:40

Sample wt/vol: 5(mL) Date Analyzed: 04/22/2022 12:23

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.: 49900 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
91-20-3	Naphthalene	0.00200	U	0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	107		74-124
1868-53-7	Dibromofluoromethane (Surr)	110		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	117		63-144
2037-26-5	Toluene-d8 (Surr)	106		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Client Sample ID: Artesia-Outlet-04192022 RA Lab Sample ID: 860-24865-4 RA

Matrix: Water Lab File ID: J04252211.D

Analysis Method: 8260C Date Collected: 04/19/2022 08:40

Sample wt/vol: 5(mL) Date Analyzed: 04/25/2022 12:38

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.: 50183 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	0.000500	U	0.00100	0.000500

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)	86		63-144
2037-26-5	Toluene-d8 (Surr)	101		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Client Sample ID: Artesia-MW40-04192022 Lab Sample ID: 860-24865-5

Matrix: Water Lab File ID: E04222217.D

Analysis Method: 8260C Date Collected: 04/19/2022 13:10

Sample wt/vol: 5(mL) Date Analyzed: 04/22/2022 12:43

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.: 49900 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.000216	U	0.00100	0.000216

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	107		74-124
1868-53-7	Dibromofluoromethane (Surr)	108		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	117		63-144
2037-26-5	Toluene-d8 (Surr)	106		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Client Sample ID: Artesia-MW40-04192022 RA Lab Sample ID: 860-24865-5 RA

Matrix: Water Lab File ID: J04252212.D

Analysis Method: 8260C Date Collected: 04/19/2022 13:10

Sample wt/vol: 5(mL) Date Analyzed: 04/25/2022 12:59

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.: 50183 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	0.000500	U	0.00100	0.000500

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	98		74-124
1868-53-7	Dibromofluoromethane (Surr)	101		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	87		63-144
2037-26-5	Toluene-d8 (Surr)	100		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Client Sample ID: Artesia-MW39-04192022 Lab Sample ID: 860-24865-6

Matrix: Water Lab File ID: E04222218.D

Analysis Method: 8260C Date Collected: 04/19/2022 13:40

Sample wt/vol: 5(mL) Date Analyzed: 04/22/2022 13:04

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.: 49900 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.00526		0.00100	0.000216

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	108		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)	106		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Client Sample ID: Artesia-MW39-04192022 RA Lab Sample ID: 860-24865-6 RA

Matrix: Water Lab File ID: J04252213.D

Analysis Method: 8260C Date Collected: 04/19/2022 13:40

Sample wt/vol: 5(mL) Date Analyzed: 04/25/2022 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.: 50183 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	0.00721		0.00100	0.000500

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	97		74-124
1868-53-7	Dibromofluoromethane (Surr)	100		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	86		63-144
2037-26-5	Toluene-d8 (Surr)	100		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Client Sample ID: Artesia-MW35-04192022 Lab Sample ID: 860-24865-7

Matrix: Water Lab File ID: E04222219.D

Analysis Method: 8260C Date Collected: 04/19/2022 13:55

Sample wt/vol: 5(mL) Date Analyzed: 04/22/2022 13:24

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.: 49900 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.0107		0.00100	0.000216
127-18-4	Tetrachloroethene	0.0118	B	0.00100	0.000500

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	109		74-124
1868-53-7	Dibromofluoromethane (Surr)	109		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	120		63-144
2037-26-5	Toluene-d8 (Surr)	106		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Client Sample ID: Artesia-MW29-04192022 Lab Sample ID: 860-24865-8

Matrix: Water Lab File ID: E04222220.D

Analysis Method: 8260C Date Collected: 04/19/2022 14:30

Sample wt/vol: 5(mL) Date Analyzed: 04/22/2022 13:45

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.: 49900 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.00657		0.00100	0.000216
71-43-2	Benzene	0.000214	U	0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.00404		0.00100	0.000244
127-18-4	Tetrachloroethene	0.0119	B	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)	108		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	117		63-144
2037-26-5	Toluene-d8 (Surr)	104		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Client Sample ID: Artesia-MW28-04192022 Lab Sample ID: 860-24865-9

Matrix: Water Lab File ID: E04222221.D

Analysis Method: 8260C Date Collected: 04/19/2022 15:15

Sample wt/vol: 5(mL) Date Analyzed: 04/22/2022 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.: 49900 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.00362		0.00100	0.000216
71-43-2	Benzene	0.000214	U	0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.00246		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)	106		74-124
1868-53-7	Dibromofluoromethane (Surr)	108		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	117		63-144
2037-26-5	Toluene-d8 (Surr)	104		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Client Sample ID: Artesia-MW28-04192022 RA Lab Sample ID: 860-24865-9 RA

Matrix: Water Lab File ID: J04252214.D

Analysis Method: 8260C Date Collected: 04/19/2022 15:15

Sample wt/vol: 5(mL) Date Analyzed: 04/25/2022 13:40

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.: 50183 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	0.00535		0.00100	0.000500

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	94		74-124
1868-53-7	Dibromofluoromethane (Surr)	104		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89		63-144
2037-26-5	Toluene-d8 (Surr)	99		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Client Sample ID: Artesia-MW31-04192022 Lab Sample ID: 860-24865-10

Matrix: Water Lab File ID: E04222222.D

Analysis Method: 8260C Date Collected: 04/19/2022 15:30

Sample wt/vol: 5(mL) Date Analyzed: 04/22/2022 14:26

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.: 49900 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	0.000278	J	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)	107		74-124
1868-53-7	Dibromofluoromethane (Surr)	109		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	117		63-144
2037-26-5	Toluene-d8 (Surr)	105		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Client Sample ID: Artesia-MW31-04192022 RA Lab Sample ID: 860-24865-10 RA

Matrix: Water Lab File ID: J04252215.D

Analysis Method: 8260C Date Collected: 04/19/2022 15:30

Sample wt/vol: 5(mL) Date Analyzed: 04/25/2022 14:00

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.: 50183 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	0.000500	U	0.00100	0.000500

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)	84		63-144
2037-26-5	Toluene-d8 (Surr)	99		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Client Sample ID: Artesia-MW30-04192022 Lab Sample ID: 860-24865-11

Matrix: Water Lab File ID: E04222223.D

Analysis Method: 8260C Date Collected: 04/19/2022 16:10

Sample wt/vol: 5(mL) Date Analyzed: 04/22/2022 14:46

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.: 49900 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.00181		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
91-20-3	Naphthalene	0.00200	U	0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	107		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)	105		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Client Sample ID: Artesia-MW30-04192022 RA Lab Sample ID: 860-24865-11 RA

Matrix: Water Lab File ID: J04252216.D

Analysis Method: 8260C Date Collected: 04/19/2022 16:10

Sample wt/vol: 5(mL) Date Analyzed: 04/25/2022 14:20

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.: 50183 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	0.00311		0.00100	0.000500

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	95		74-124
1868-53-7	Dibromofluoromethane (Surr)	101		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	87		63-144
2037-26-5	Toluene-d8 (Surr)	99		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Client Sample ID: Artesia-MD30-04192022 Lab Sample ID: 860-24865-12

Matrix: Water Lab File ID: E04222224.D

Analysis Method: 8260C Date Collected: 04/19/2022 16:15

Sample wt/vol: 5(mL) Date Analyzed: 04/22/2022 15:07

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.: 49900 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.00187		0.00100	0.000216
71-43-2	Benzene	0.000214	U	0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.00112		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)	105		74-124
1868-53-7	Dibromofluoromethane (Surr)	109		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	117		63-144
2037-26-5	Toluene-d8 (Surr)	105		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Client Sample ID: Artesia-MD30-04192022 RA Lab Sample ID: 860-24865-12 RA

Matrix: Water Lab File ID: J04252217.D

Analysis Method: 8260C Date Collected: 04/19/2022 16:15

Sample wt/vol: 5(mL) Date Analyzed: 04/25/2022 14:41

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.: 50183 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	0.00307		0.00100	0.000500

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	99		74-124
1868-53-7	Dibromofluoromethane (Surr)	102		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	87		63-144
2037-26-5	Toluene-d8 (Surr)	100		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Client Sample ID: Artesia-TB02-04192022 Lab Sample ID: 860-24865-13

Matrix: Water Lab File ID: 0426212.D

Analysis Method: 8260C Date Collected: 04/19/2022 07:10

Sample wt/vol: 5(mL) Date Analyzed: 04/26/2022 16:23

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.: 50170 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)	100		74-124
1868-53-7	Dibromofluoromethane (Surr)	98		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		63-144
2037-26-5	Toluene-d8 (Surr)	101		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Client Sample ID: Artesia-MW36-04192022 Lab Sample ID: 860-24865-14

Matrix: Water Lab File ID: E04222213.D

Analysis Method: 8260C Date Collected: 04/19/2022 12:25

Sample wt/vol: 5(mL) Date Analyzed: 04/22/2022 11:21

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.: 49900 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.000324	J	0.00100	0.000216
71-43-2	Benzene	0.000658	J	0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.0121	F1	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)	106		74-124
1868-53-7	Dibromofluoromethane (Surr)	108		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	116		63-144
2037-26-5	Toluene-d8 (Surr)	106		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Client Sample ID: Artesia-MW36-04192022 RA Lab Sample ID: 860-24865-14 RA

Matrix: Water Lab File ID: J04262217.D

Analysis Method: 8260C Date Collected: 04/19/2022 12:25

Sample wt/vol: 5(mL) Date Analyzed: 04/26/2022 14:26

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.: 50353 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	0.00566		0.00100	0.000500

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	93		74-124
1868-53-7	Dibromofluoromethane (Surr)	96		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	87		63-144
2037-26-5	Toluene-d8 (Surr)	99		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Client Sample ID: Artesia-MW38-04192022 Lab Sample ID: 860-24865-15

Matrix: Water Lab File ID: E04222225.D

Analysis Method: 8260C Date Collected: 04/19/2022 14:20

Sample wt/vol: 5(mL) Date Analyzed: 04/22/2022 15:27

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.: 49900 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.00141		0.00100	0.000216
71-43-2	Benzene	0.00119		0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.0626		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)	105		74-124
1868-53-7	Dibromofluoromethane (Surr)	108		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	119		63-144
2037-26-5	Toluene-d8 (Surr)	105		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Client Sample ID: Artesia-MW38-04192022 RA Lab Sample ID: 860-24865-15 RA

Matrix: Water Lab File ID: J04252218.D

Analysis Method: 8260C Date Collected: 04/19/2022 14:20

Sample wt/vol: 5(mL) Date Analyzed: 04/25/2022 15:01

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.: 50183 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	0.00271		0.00100	0.000500

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	92		74-124
1868-53-7	Dibromofluoromethane (Surr)	101		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	84		63-144
2037-26-5	Toluene-d8 (Surr)	99		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Client Sample ID: Artesia-MW37-04192022 Lab Sample ID: 860-24865-16

Matrix: Water Lab File ID: E04222226.D

Analysis Method: 8260C Date Collected: 04/19/2022 15:45

Sample wt/vol: 5(mL) Date Analyzed: 04/22/2022 15:48

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.: 49900 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	0.000492	J	0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.0124		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)	108		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)	105		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Client Sample ID: Artesia-MW37-04192022 RA Lab Sample ID: 860-24865-16 RA

Matrix: Water Lab File ID: J04252219.D

Analysis Method: 8260C Date Collected: 04/19/2022 15:45

Sample wt/vol: 5(mL) Date Analyzed: 04/25/2022 15:22

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.: 50183 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	0.00192		0.00100	0.000500

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	96		74-124
1868-53-7	Dibromofluoromethane (Surr)	101		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	87		63-144
2037-26-5	Toluene-d8 (Surr)	99		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Client Sample ID: Artesia-MW17C-04192022 Lab Sample ID: 860-24865-17

Matrix: Water Lab File ID: E04222227.D

Analysis Method: 8260C Date Collected: 04/19/2022 17:05

Sample wt/vol: 5(mL) Date Analyzed: 04/22/2022 16:08

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.: 49900 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
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)	109		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	119		63-144
2037-26-5	Toluene-d8 (Surr)	105		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Client Sample ID: Artesia-MW17C-04192022 RA Lab Sample ID: 860-24865-17 RA

Matrix: Water Lab File ID: J04252220.D

Analysis Method: 8260C Date Collected: 04/19/2022 17:05

Sample wt/vol: 5(mL) Date Analyzed: 04/25/2022 15:42

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.: 50183 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	0.000500	U	0.00100	0.000500

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	97		74-124
1868-53-7	Dibromofluoromethane (Surr)	101		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	87		63-144
2037-26-5	Toluene-d8 (Surr)	100		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Client Sample ID: Artesia-MW11-04192022 Lab Sample ID: 860-24865-18

Matrix: Water Lab File ID: E04222228.D

Analysis Method: 8260C Date Collected: 04/20/2022 10:20

Sample wt/vol: 5(mL) Date Analyzed: 04/22/2022 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.: 49900 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	0.00279		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)	106		74-124
1868-53-7	Dibromofluoromethane (Surr)	108		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	119		63-144
2037-26-5	Toluene-d8 (Surr)	104		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Client Sample ID: Artesia-MW11-04192022 RA Lab Sample ID: 860-24865-18 RA

Matrix: Water Lab File ID: J04252221.D

Analysis Method: 8260C Date Collected: 04/20/2022 10:20

Sample wt/vol: 5(mL) Date Analyzed: 04/25/2022 16:03

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.: 50183 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	0.000500	U	0.00100	0.000500

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	96		74-124
1868-53-7	Dibromofluoromethane (Surr)	102		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	87		63-144
2037-26-5	Toluene-d8 (Surr)	99		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Client Sample ID: Artesia-MD11-04192022 Lab Sample ID: 860-24865-19

Matrix: Water Lab File ID: E04222229.D

Analysis Method: 8260C Date Collected: 04/20/2022 10:20

Sample wt/vol: 5(mL) Date Analyzed: 04/22/2022 16:49

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.: 49900 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	0.00272		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)	107		74-124
1868-53-7	Dibromofluoromethane (Surr)	110		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	119		63-144
2037-26-5	Toluene-d8 (Surr)	106		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Client Sample ID: Artesia-MD11-04192022 RA Lab Sample ID: 860-24865-19 RA

Matrix: Water Lab File ID: J04252222.D

Analysis Method: 8260C Date Collected: 04/20/2022 10:20

Sample wt/vol: 5(mL) Date Analyzed: 04/25/2022 16:23

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.: 50183 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	0.000500	U	0.00100	0.000500

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	94		74-124
1868-53-7	Dibromofluoromethane (Surr)	102		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	85		63-144
2037-26-5	Toluene-d8 (Surr)	98		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Client Sample ID: Artesia-MW12-04192022 Lab Sample ID: 860-24865-20

Matrix: Water Lab File ID: E04222230.D

Analysis Method: 8260C Date Collected: 04/20/2022 09:10

Sample wt/vol: 5(mL) Date Analyzed: 04/22/2022 17:10

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.: 49900 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.000866	J	0.00100	0.000216
71-43-2	Benzene	0.000363	J	0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.0303		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)	107		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)	105		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Client Sample ID: Artesia-MW12-04192022 RA Lab Sample ID: 860-24865-20 RA

Matrix: Water Lab File ID: J04252223.D

Analysis Method: 8260C Date Collected: 04/20/2022 09:10

Sample wt/vol: 5(mL) Date Analyzed: 04/25/2022 16:44

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.: 50183 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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)	101		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	84		63-144
2037-26-5	Toluene-d8 (Surr)	99		80-117

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Houston Job No.: 860-24865-1 Analy Batch No.: 49306

SDG No.:

Instrument ID: A131 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/18/2022 17:09 Calibration End Date: 04/18/2022 19:20 Calibration ID: 2898

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-49306/2	J04182223.D
Level 2	IC 860-49306/3	J04182224.D
Level 3	IC 860-49306/4	J04182225.D
Level 4	IC 860-49306/5	J04182226.D
Level 5	ICIS 860-49306/6	J04182227.D
Level 6	IC 860-49306/7	J04182228.D
Level 7	IC 860-49306/8	J04182229.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								
Chloromethane	0.1985 0.3880	0.5716 0.3306	0.5870	0.3436	0.3767	Qua	0.0492	0.4345	-0.000665			42.0			0.9940		0.9900
Vinyl chloride	0.0248 0.4816	0.3767 0.4330	0.4068	0.3974	0.4254	Lin1	-0.438	0.4497				5.7			0.9970		0.9900
1,1-Dichloroethene	0.0006 0.3878	0.2808 0.3660	0.3038	0.3387	0.3318	Lin1	-0.421	0.3699				8.4			0.9970		0.9900
Acetone	+++++ 0.1329	0.1094 0.1155	0.1320	0.1072	0.1033	Ave		0.1167				11.0		20.0			
MTBE	0.8990 1.3753	0.9538 1.2480	1.0845	1.0510	1.0718	Ave		1.0976				15.0		20.0			
trans-1,2-Dichloroethene	0.0834 0.4647	0.3528 0.4282	0.3594	0.3468	0.3585	Lin1	-0.435	0.4275				14.2			0.9920		0.9900
1,1-Dichloroethane	0.5022 0.9332	0.6841 0.8395	0.7279	0.7284	0.7490	Ave		0.7377				18.1		20.0			
cis-1,2-Dichloroethene	0.4598 0.9366	0.7048 0.8431	0.7240	0.7388	0.7465	Ave		0.7362				19.9		20.0			
2-Butanone	+++++ 0.4067	0.3054 0.3587	0.3164	0.3305	0.3175	Ave		0.3392				11.1		20.0			
Tetrahydrofuran	+++++ 0.1825	0.1381 0.1573	0.1463	0.1457	0.1457	Ave		0.1526				10.4		20.0			
Chloroform	0.5964 0.9859	0.7127 0.8747	0.7368	0.7982	0.8108	Ave		0.7879				15.7		20.0			
Carbon tetrachloride	+++++ 0.7841	0.9317 0.6781	0.7559	0.7748	0.7181	Ave		0.7738				11.2		20.0			
Benzene	0.9465 1.4592	1.1021 1.3341	1.0677	1.1775	1.1770	Ave		1.1806				14.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

Received by OCD: 3/30/2023 11:30:39 AM

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Houston Job No.: 860-24865-1 Analy Batch No.: 49306

SDG No.:

Instrument ID: A131 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/18/2022 17:09 Calibration End Date: 04/18/2022 19:20 Calibration ID: 2898

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	0.3232 0.5076	0.3965 0.4514	0.4077	0.4211	0.4168	Ave		0.4178				13.4		20.0			
Trichloroethene	0.1914 0.3807	0.2848 0.3514	0.2892	0.3031	0.3024	Ave		0.3004				19.8		20.0			
1,2-Dichloropropane	0.1925 0.3692	0.2634 0.3409	0.2803	0.2892	0.2946	Ave		0.2900				19.5		20.0			
Toluene	0.6610 1.0606	0.8353 0.9709	0.8340	0.8555	0.8635	Ave		0.8687				14.3		20.0			
Tetrachloroethene	0.1350 0.3758	0.2744 0.3455	0.2810	0.2958	0.3004	Lin1	-0.305	0.3468				15.4			0.9930		0.9900
Chlorobenzene	0.7637 1.1499	0.8916 1.0681	0.9130	0.9225	0.9331	Ave		0.9488				13.2		20.0			
Ethylbenzene	1.2199 2.0781	1.5386 1.8825	1.5841	1.6546	1.6750	Ave		1.6618				16.3		20.0			
m,p-Xylenes	0.9640 1.6155	1.1957 1.4605	1.2302	1.2745	1.2764	Ave		1.2881				16.0		20.0			
o-Xylene	1.0050 1.6560	1.2050 1.5164	1.2641	1.3103	1.3238	Ave		1.3258				15.9		20.0			
Bromoform	+++++ 0.3220	0.2157 0.2958	0.2339	0.2443	0.2439	Ave		0.2593				15.7		20.0			
1,1,2,2-Tetrachloroethane	0.6096 0.8933	0.7198 0.8078	0.7113	0.7047	0.6903	Ave		0.7338				12.4		20.0			
1,4-Dichlorobenzene	1.2047 1.9115	1.4275 1.7275	1.4230	1.4444	1.4635	Ave		1.5146				15.3		20.0			
Hexachlorobutadiene	+++++ 0.4316	0.3082 0.4379	0.3588	0.3580	0.3618	Ave		0.3761				13.2		20.0			
Dibromofluoromethane (Surr)	0.4304 0.4116	0.4325 0.4139	0.4361	0.4269	0.4389	Ave		0.4272				2.5		20.0			
1,2-Dichloroethane-d4 (Surr)	0.3723 0.3283	0.3656 0.3169	0.3631	0.3868	0.3886	Ave		0.3602				7.7		20.0			
Toluene-d8 (Surr)	1.3168 1.2586	1.3148 1.2507	1.3239	1.2903	1.2719	Ave		1.2896				2.3		20.0			
4-Bromofluorobenzene (Surr)	1.0160 0.9144	0.9892 0.9125	0.9574	0.9369	0.9108	Ave		0.9482				4.4		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 Houston Job No.: 860-24865-1 Analy Batch No.: 49306

SDG No.:

Instrument ID: A131 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/18/2022 17:09 Calibration End Date: 04/18/2022 19:20 Calibration ID: 2898

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-49306/2	J04182223.D
Level 2	IC 860-49306/3	J04182224.D
Level 3	IC 860-49306/4	J04182225.D
Level 4	IC 860-49306/5	J04182226.D
Level 5	ICIS 860-49306/6	J04182227.D
Level 6	IC 860-49306/7	J04182228.D
Level 7	IC 860-49306/8	J04182229.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
Chloromethane	PFB	Qua	1257 281738	18200 385234	37804	56912	131284	1.00 100	5.00 150	10.0	25.0	50.0
Vinyl chloride	PFB	Lin1	157 349721	11992 504596	26201	65819	148244	1.00 100	5.00 150	10.0	25.0	50.0
1,1-Dichloroethene	PFB	Lin1	4 281633	8940 426543	19564	56095	115616	1.00 100	5.00 150	10.0	25.0	50.0
Acetone	PFB	Ave	+++++ 482713	17410 672824	42489	88790	180011	+++++ 500	25.0 750	50.0	125	250
MTBE	PFB	Ave	5693 998727	30368 1454408	69844	174084	373492	1.00 100	5.00 150	10.0	25.0	50.0
trans-1,2-Dichloroethene	PFB	Lin1	528 337460	11234 499000	23143	57447	124946	1.00 100	5.00 150	10.0	25.0	50.0
1,1-Dichloroethane	PFB	Ave	3180 677671	21780 978292	46875	120649	260999	1.00 100	5.00 150	10.0	25.0	50.0
cis-1,2-Dichloroethene	PFB	Ave	2912 680119	22441 982497	46627	122370	260144	1.00 100	5.00 150	10.0	25.0	50.0
2-Butanone	PFB	Ave	+++++ 1476755	48622 2090041	101892	273684	553180	+++++ 500	25.0 750	50.0	125	250
Tetrahydrofuran	PFB	Ave	+++++ 265077	8794 366690	18846	48249	101551	+++++ 200	10.0 300	20.0	50.0	100
Chloroform	PFB	Ave	3777 715975	22691 1019392	47450	132213	282538	1.00 100	5.00 150	10.0	25.0	50.0
Carbon tetrachloride	PFB	Ave	+++++ 569384	29662 790238	48681	128325	250261	+++++ 100	5.00 150	10.0	25.0	50.0
Benzene	DFBZ	Ave	8363 1480435	49385 2146109	97341	273347	575417	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dichloroethane	DFBZ	Ave	2856	17769	37167	97745	203748	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 Houston Job No.: 860-24865-1 Analy Batch No.: 49306

SDG No.:

Instrument ID: A131 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/18/2022 17:09 Calibration End Date: 04/18/2022 19:20 Calibration ID: 2898

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
			515001	726127				100	150			
Trichloroethene	DFBZ	Ave	1691 386192	12761 565357	26362	70362	147820	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dichloropropane	DFBZ	Ave	1701 374553	11805 548379	25557	67127	144021	1.00 100	5.00 150	10.0	25.0	50.0
Toluene	CBNZ d5	Ave	5092 997720	32790 1444744	66171	176928	382540	1.00 100	5.00 150	10.0	25.0	50.0
Tetrachloroethene	CBNZ d5	Lin1	1040 353528	10774 514124	22298	61175	133086	1.00 100	5.00 150	10.0	25.0	50.0
Chlorobenzene	CBNZ d5	Ave	5883 1081691	35000 1589523	72439	190777	413386	1.00 100	5.00 150	10.0	25.0	50.0
Ethylbenzene	CBNZ d5	Ave	9397 1954809	60402 2801432	125685	342179	742087	1.00 100	5.00 150	10.0	25.0	50.0
m,p-Xylenes	CBNZ d5	Ave	7426 1519670	46941 2173437	97602	263583	565463	1.00 100	5.00 150	10.0	25.0	50.0
o-Xylene	CBNZ d5	Ave	7742 1557747	47305 2256643	100291	270985	586482	1.00 100	5.00 150	10.0	25.0	50.0
Bromoform	CBNZ d5	Ave	+++++ 302915	8468 440248	18556	50523	108066	+++++ 100	5.00 150	10.0	25.0	50.0
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	2089 436727	12842 639275	27601	74881	160610	1.00 100	5.00 150	10.0	25.0	50.0
1,4-Dichlorobenzene	DCBd 4	Ave	4128 934466	25466 1367178	55218	153489	340510	1.00 100	5.00 150	10.0	25.0	50.0
Hexachlorobutadiene	DCBd 4	Ave	+++++ 210977	5498 346544	13924	38046	84187	+++++ 100	5.00 150	10.0	25.0	50.0
Dibromofluoromethane (Surr)	PFB	Ave	136267	137715	140426	141429	152932	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 Houston Job No.: 860-24865-1 Analy Batch No.: 49306

SDG No.:

Instrument ID: A131 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/18/2022 17:09 Calibration End Date: 04/18/2022 19:20 Calibration ID: 2898

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
			149452	160768				50.0	50.0			
1,2-Dichloroethane-d4 (Surr)	DFBZ	Ave	164462 166540	163812 169955	165521	179588	189990	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	507185 591951	516138 620375	525195	533676	563489	50.0 50.0	50.0 50.0	50.0	50.0	50.0
4-Bromofluorobenzene (Surr)	DCBd 4	Ave	174083 223517	176478 240714	185756	199119	211926	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 / Chloromethane

Curve Type:	Quadratic
Weighting:	None
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

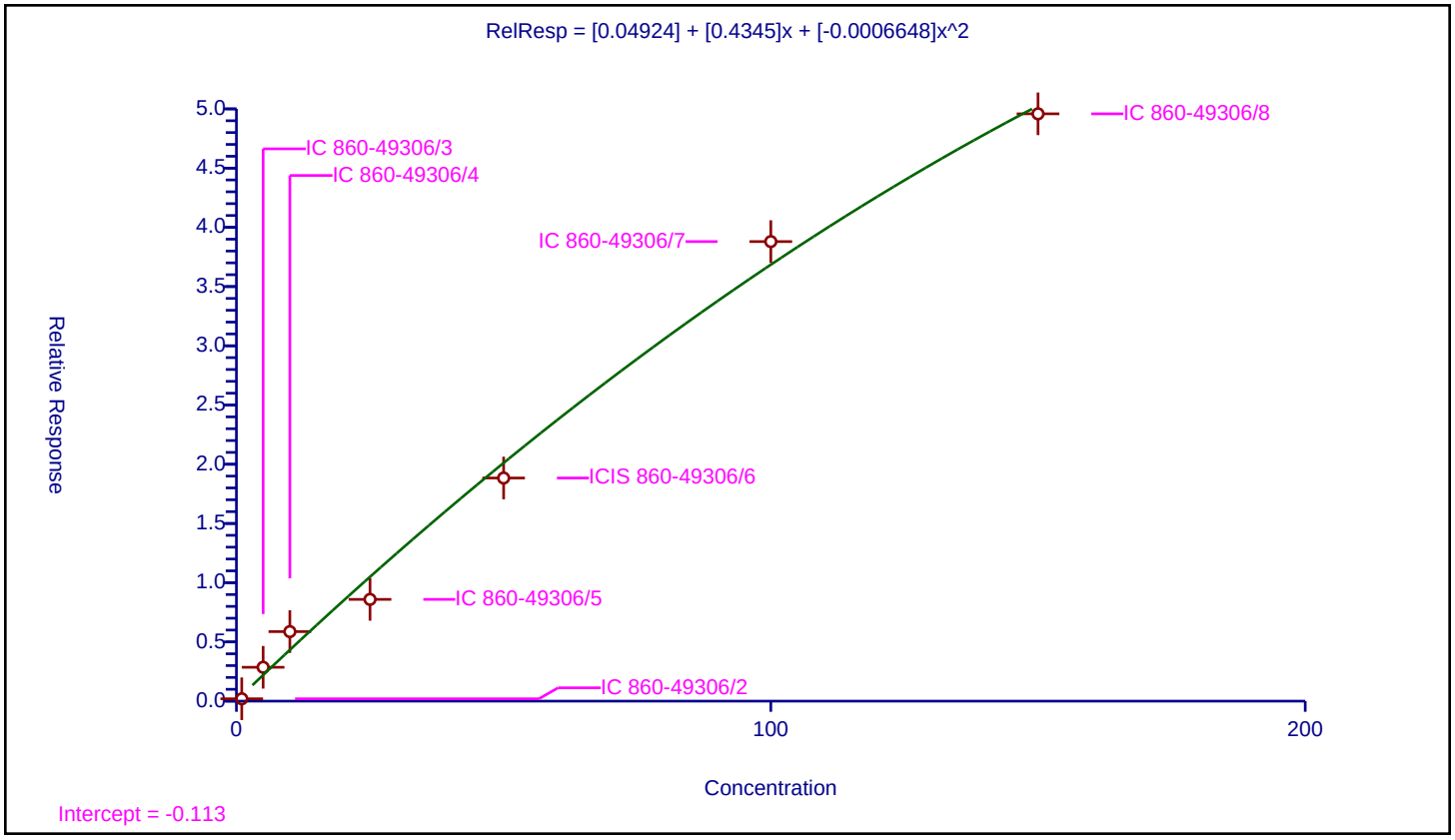
Curve Coefficients

Intercept:	0.04924
Slope:	0.4345
Second Order:	-0.0006648

Error Coefficients

Standard Error:	250000
Relative Standard Error:	42.0
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49306/2	1.0	0.1985	50.0	316625.0	0.1985	Y
2	IC 860-49306/3	5.0	2.85822	50.0	318380.0	0.571644	Y
3	IC 860-49306/4	10.0	5.870186	50.0	322000.0	0.587019	Y
4	IC 860-49306/5	25.0	8.590102	50.0	331265.0	0.343604	Y
5	ICIS 860-49306/6	50.0	18.836554	50.0	348482.0	0.376731	Y
6	IC 860-49306/7	100.0	38.796627	50.0	363096.0	0.387966	Y
7	IC 860-49306/8	150.0	49.584771	50.0	388460.0	0.330565	Y



Calibration / Vinyl chloride

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

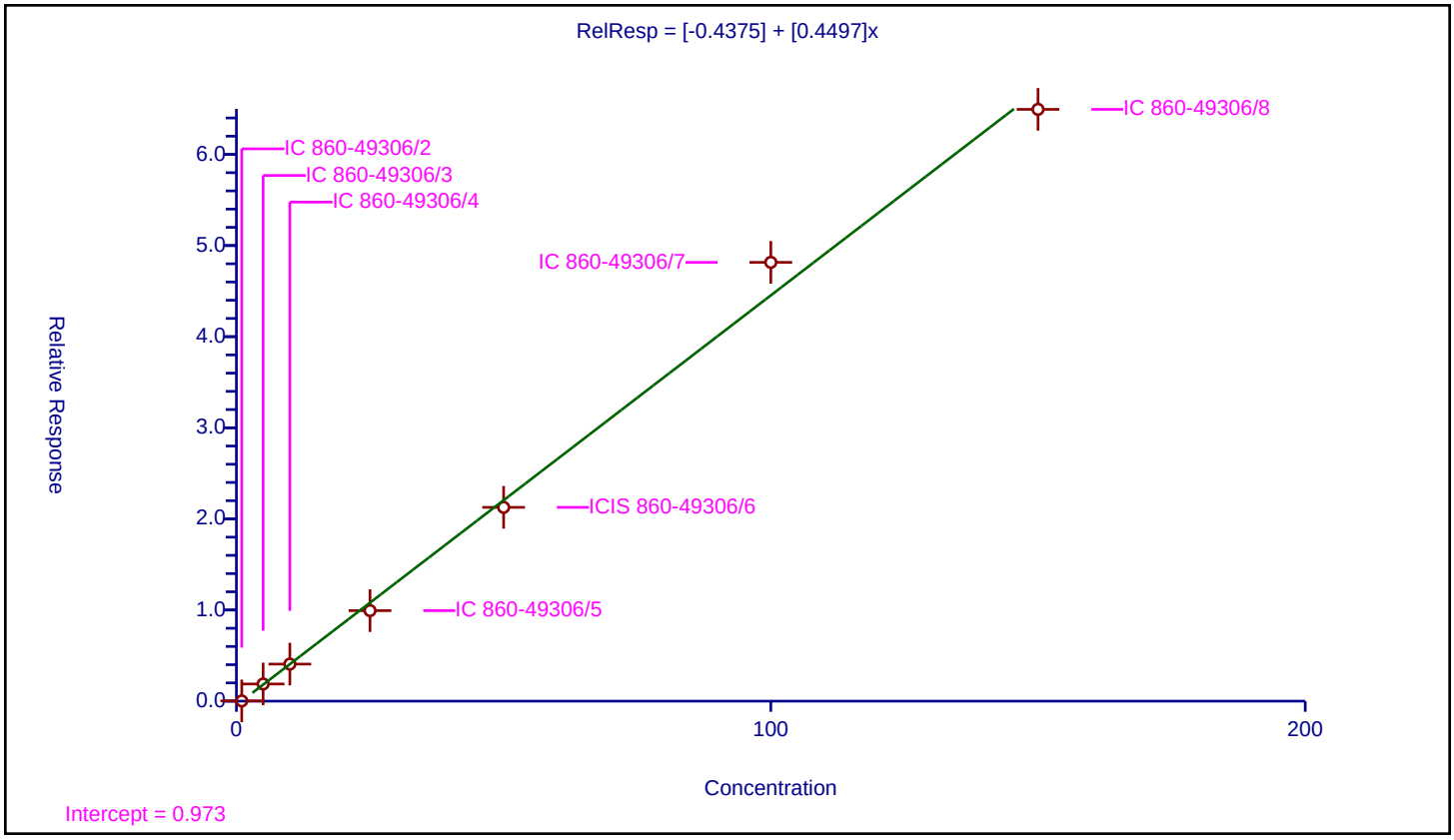
Curve Coefficients

Intercept:	-0.4375
Slope:	0.4497

Error Coefficients

Standard Error:	284000
Relative Standard Error:	5.7
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49306/2	1.0	0.024793	50.0	316625.0	0.024793	Y
2	IC 860-49306/3	5.0	1.883284	50.0	318380.0	0.376657	Y
3	IC 860-49306/4	10.0	4.068478	50.0	322000.0	0.406848	Y
4	IC 860-49306/5	25.0	9.934494	50.0	331265.0	0.39738	Y
5	ICIS 860-49306/6	50.0	21.269965	50.0	348482.0	0.425399	Y
6	IC 860-49306/7	100.0	48.158201	50.0	363096.0	0.481582	Y
7	IC 860-49306/8	150.0	64.948257	50.0	388460.0	0.432988	Y



Calibration / 1,1-Dichloroethene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

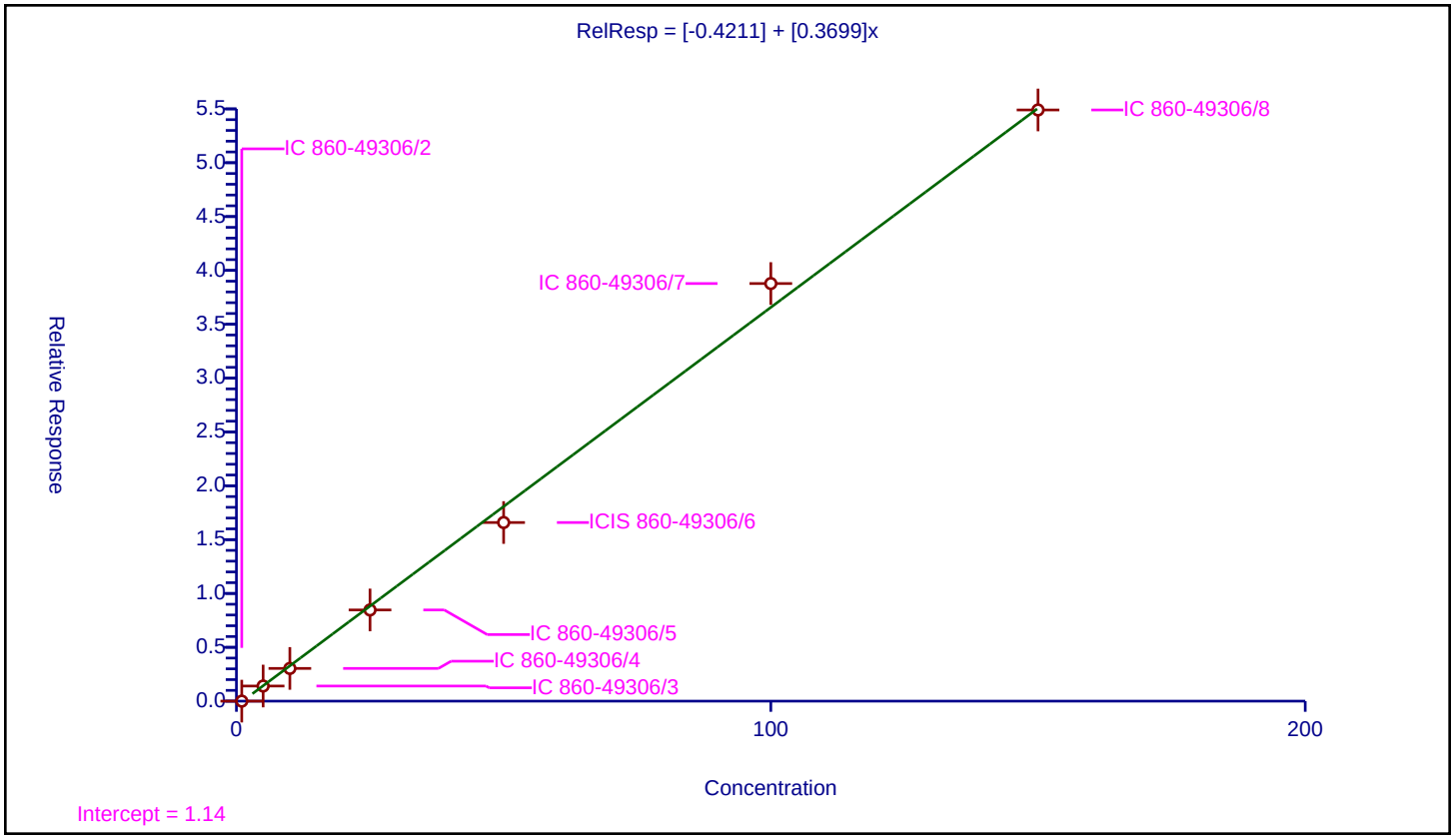
Curve Coefficients

Intercept:	-0.4211
Slope:	0.3699

Error Coefficients

Standard Error:	236000
Relative Standard Error:	8.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49306/2	1.0	0.000632	50.0	316625.0	0.000632	Y
2	IC 860-49306/3	5.0	1.403983	50.0	318380.0	0.280797	Y
3	IC 860-49306/4	10.0	3.037888	50.0	322000.0	0.303789	Y
4	IC 860-49306/5	25.0	8.466786	50.0	331265.0	0.338671	Y
5	ICIS 860-49306/6	50.0	16.588518	50.0	348482.0	0.33177	Y
6	IC 860-49306/7	100.0	38.782168	50.0	363096.0	0.387822	Y
7	IC 860-49306/8	150.0	54.901792	50.0	388460.0	0.366012	Y



Calibration / Acetone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

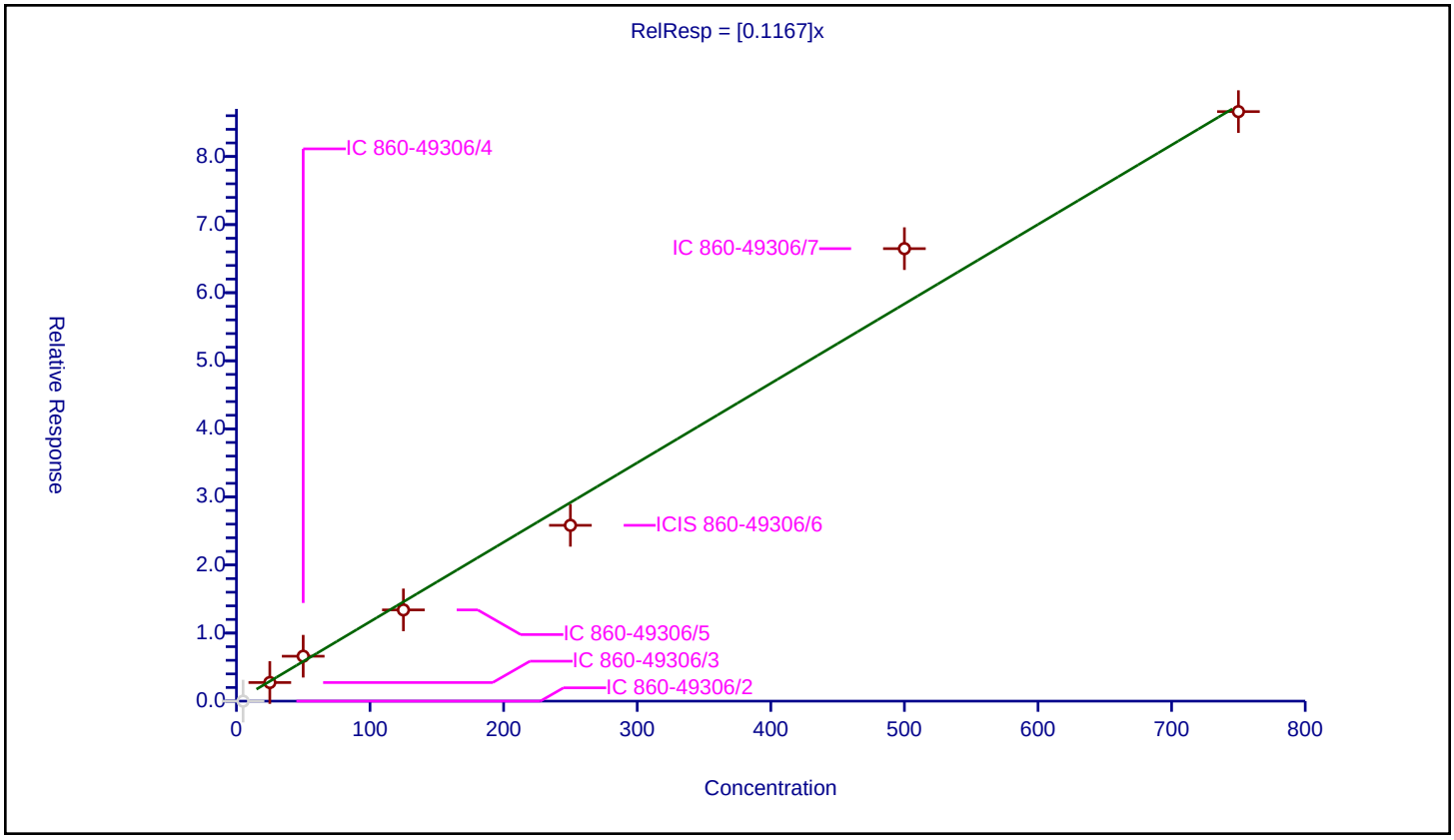
Curve Coefficients

Intercept:	0
Slope:	0.1167

Error Coefficients

Standard Error:	382000
Relative Standard Error:	11.0
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49306/2	5.0	0.0	50.0	316625.0	0.0	N
2	IC 860-49306/3	25.0	2.734154	50.0	318380.0	0.109366	Y
3	IC 860-49306/4	50.0	6.597671	50.0	322000.0	0.131953	Y
4	IC 860-49306/5	125.0	13.401657	50.0	331265.0	0.107213	Y
5	ICIS 860-49306/6	250.0	25.827876	50.0	348482.0	0.103312	Y
6	IC 860-49306/7	500.0	66.471815	50.0	363096.0	0.132944	Y
7	IC 860-49306/8	750.0	86.601452	50.0	388460.0	0.115469	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

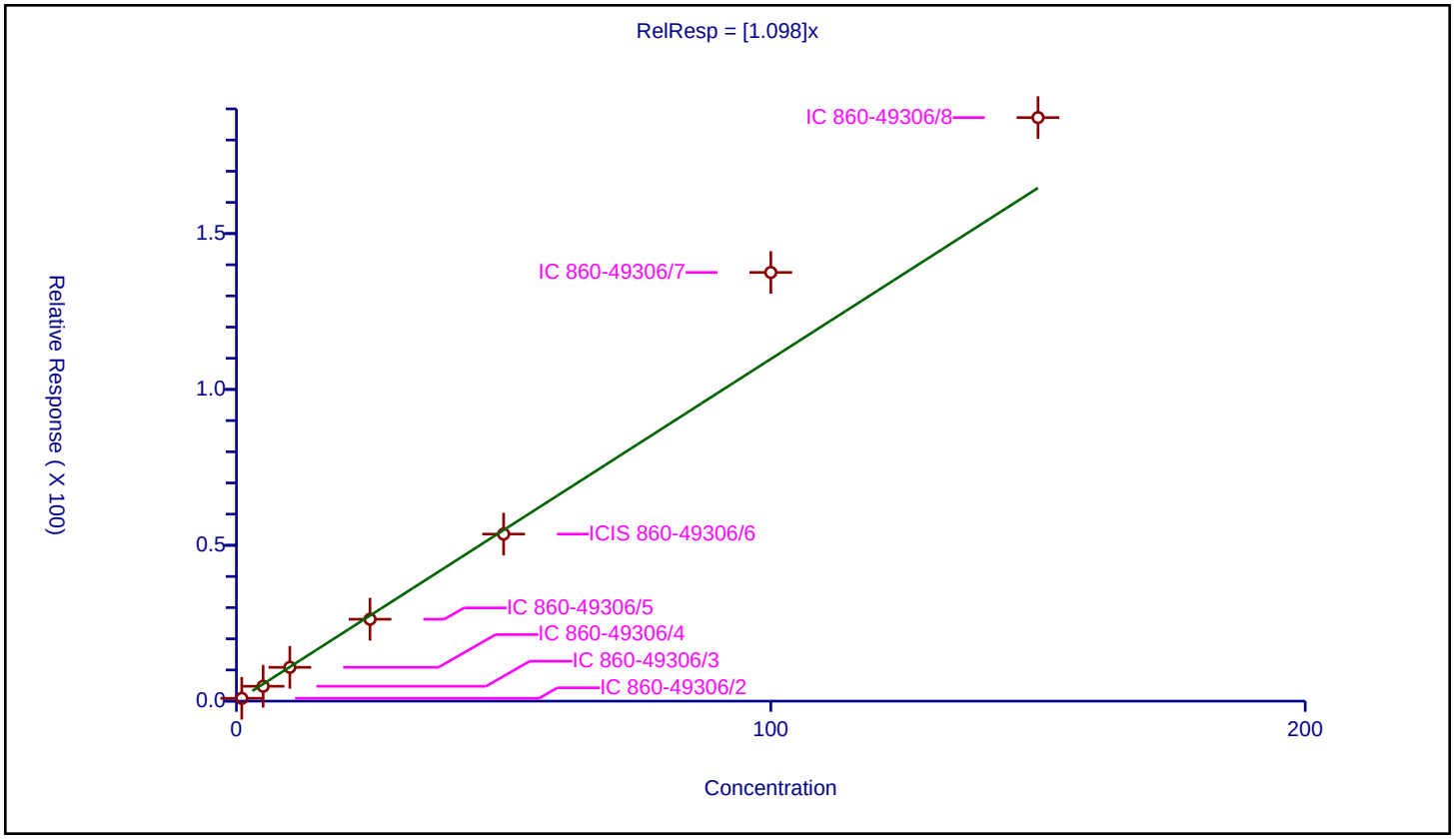
Curve Coefficients

Intercept:	0
Slope:	1.098

Error Coefficients

Standard Error:	740000
Relative Standard Error:	15.0
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49306/2	1.0	0.899013	50.0	316625.0	0.899013	Y
2	IC 860-49306/3	5.0	4.769144	50.0	318380.0	0.953829	Y
3	IC 860-49306/4	10.0	10.845342	50.0	322000.0	1.084534	Y
4	IC 860-49306/5	25.0	26.27564	50.0	331265.0	1.051026	Y
5	ICIS 860-49306/6	50.0	53.588421	50.0	348482.0	1.071768	Y
6	IC 860-49306/7	100.0	137.529331	50.0	363096.0	1.375293	Y
7	IC 860-49306/8	150.0	187.201771	50.0	388460.0	1.248012	Y



Calibration / trans-1,2-Dichloroethene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

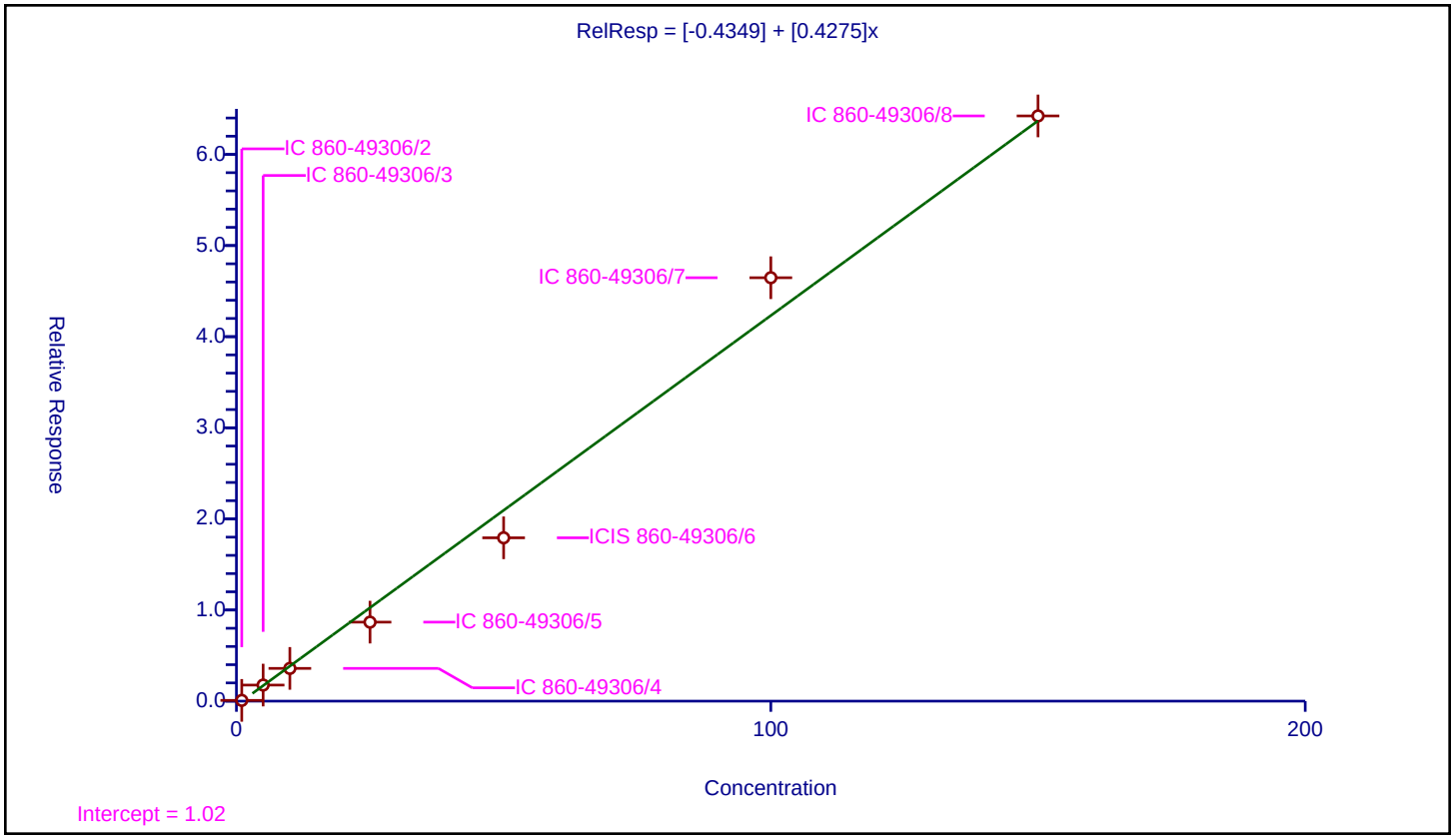
Curve Coefficients

Intercept:	-0.4349
Slope:	0.4275

Error Coefficients

Standard Error:	277000
Relative Standard Error:	14.2
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49306/2	1.0	0.083379	50.0	316625.0	0.083379	Y
2	IC 860-49306/3	5.0	1.764244	50.0	318380.0	0.352849	Y
3	IC 860-49306/4	10.0	3.593634	50.0	322000.0	0.359363	Y
4	IC 860-49306/5	25.0	8.670853	50.0	331265.0	0.346834	Y
5	ICIS 860-49306/6	50.0	17.927181	50.0	348482.0	0.358544	Y
6	IC 860-49306/7	100.0	46.469804	50.0	363096.0	0.464698	Y
7	IC 860-49306/8	150.0	64.227977	50.0	388460.0	0.428187	Y



Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

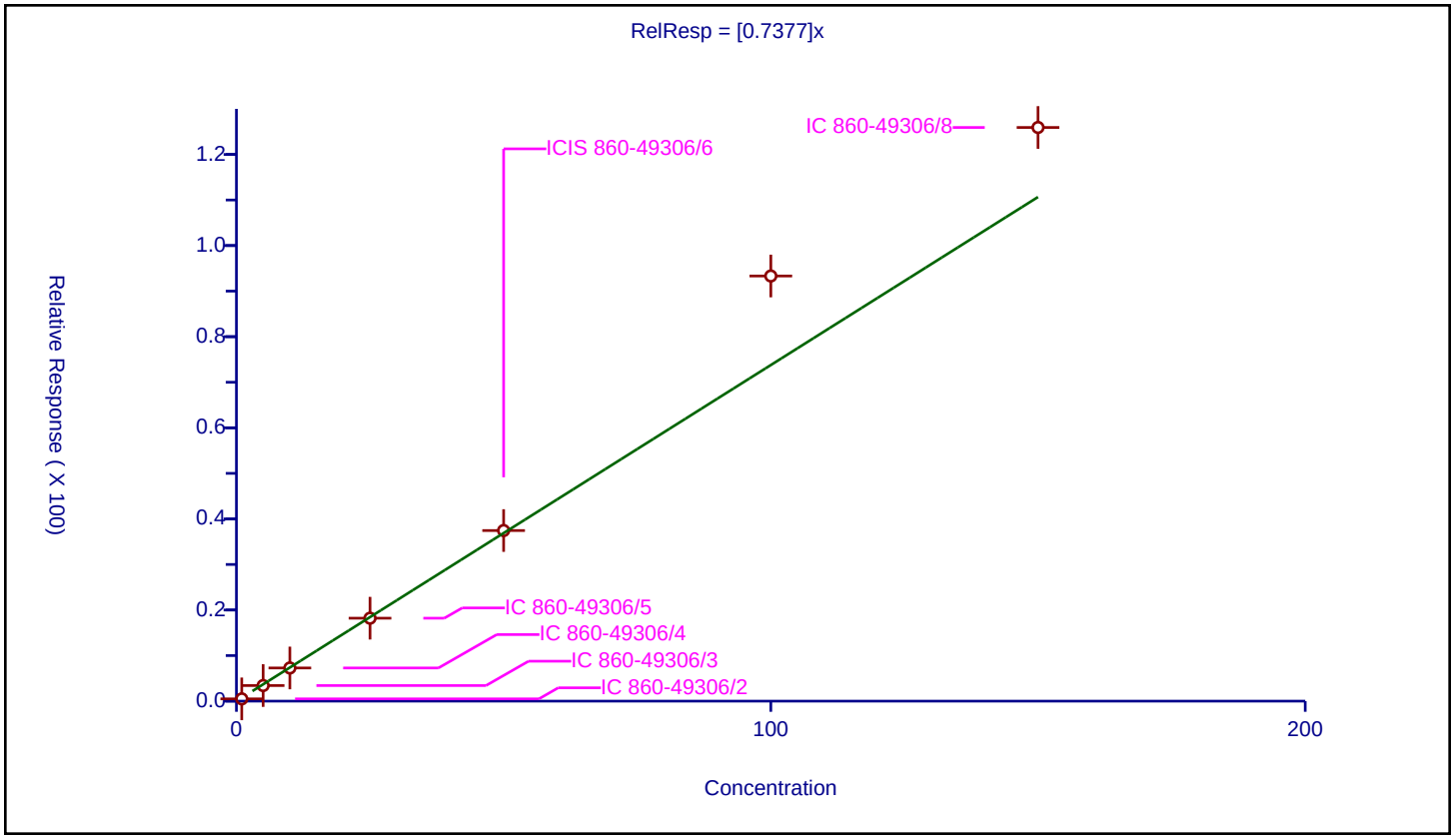
Curve Coefficients

Intercept:	0
Slope:	0.7377

Error Coefficients

Standard Error:	500000
Relative Standard Error:	18.1
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.968

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49306/2	1.0	0.502171	50.0	316625.0	0.502171	Y
2	IC 860-49306/3	5.0	3.420441	50.0	318380.0	0.684088	Y
3	IC 860-49306/4	10.0	7.278727	50.0	322000.0	0.727873	Y
4	IC 860-49306/5	25.0	18.210345	50.0	331265.0	0.728414	Y
5	ICIS 860-49306/6	50.0	37.447989	50.0	348482.0	0.74896	Y
6	IC 860-49306/7	100.0	93.318434	50.0	363096.0	0.933184	Y
7	IC 860-49306/8	150.0	125.919271	50.0	388460.0	0.839462	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

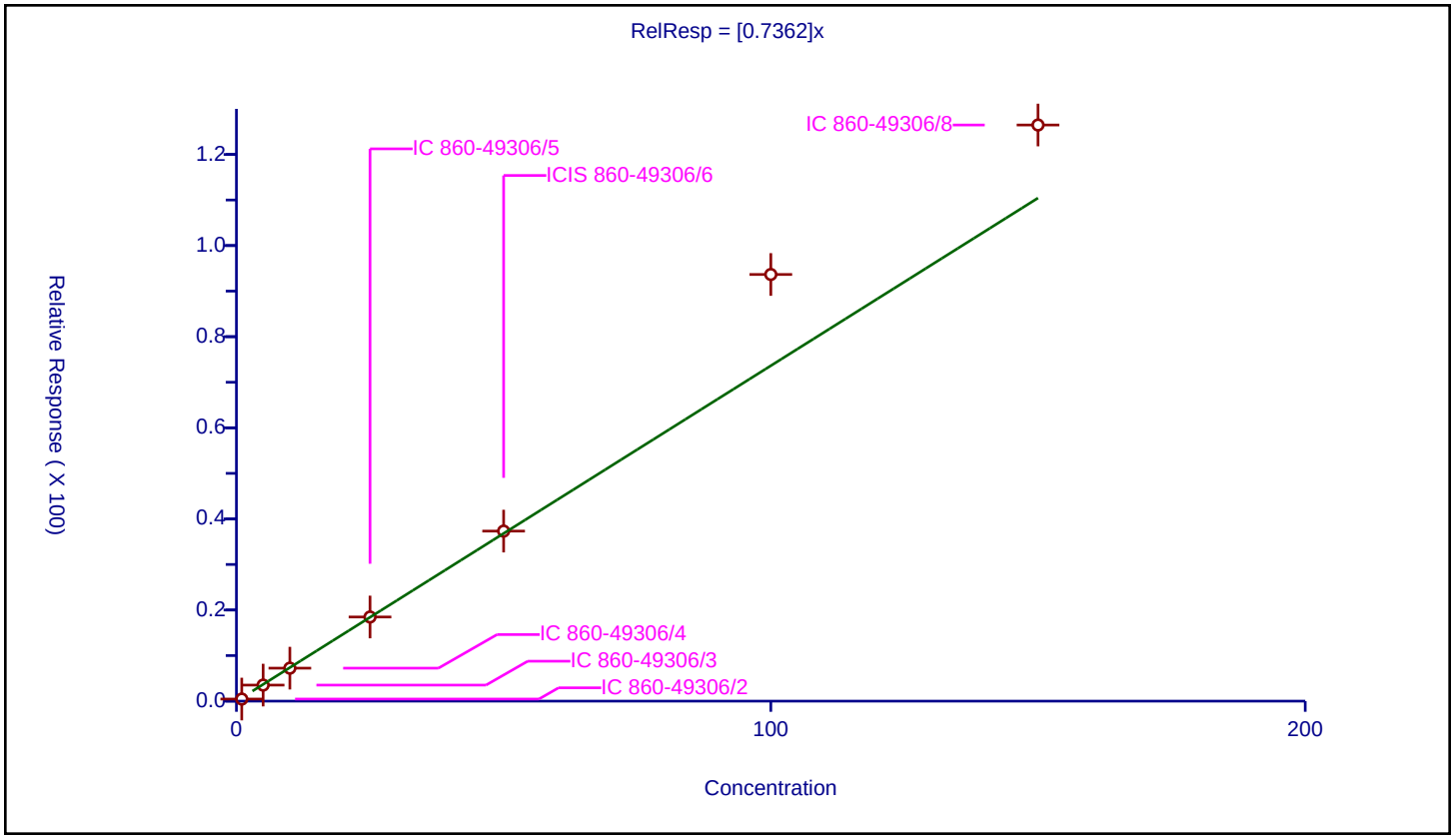
Curve Coefficients

Intercept:	0
Slope:	0.7362

Error Coefficients

Standard Error:	502000
Relative Standard Error:	19.9
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.962

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49306/2	1.0	0.45985	50.0	316625.0	0.45985	Y
2	IC 860-49306/3	5.0	3.524248	50.0	318380.0	0.70485	Y
3	IC 860-49306/4	10.0	7.240217	50.0	322000.0	0.724022	Y
4	IC 860-49306/5	25.0	18.470107	50.0	331265.0	0.738804	Y
5	ICIS 860-49306/6	50.0	37.325314	50.0	348482.0	0.746506	Y
6	IC 860-49306/7	100.0	93.655535	50.0	363096.0	0.936555	Y
7	IC 860-49306/8	150.0	126.460511	50.0	388460.0	0.84307	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

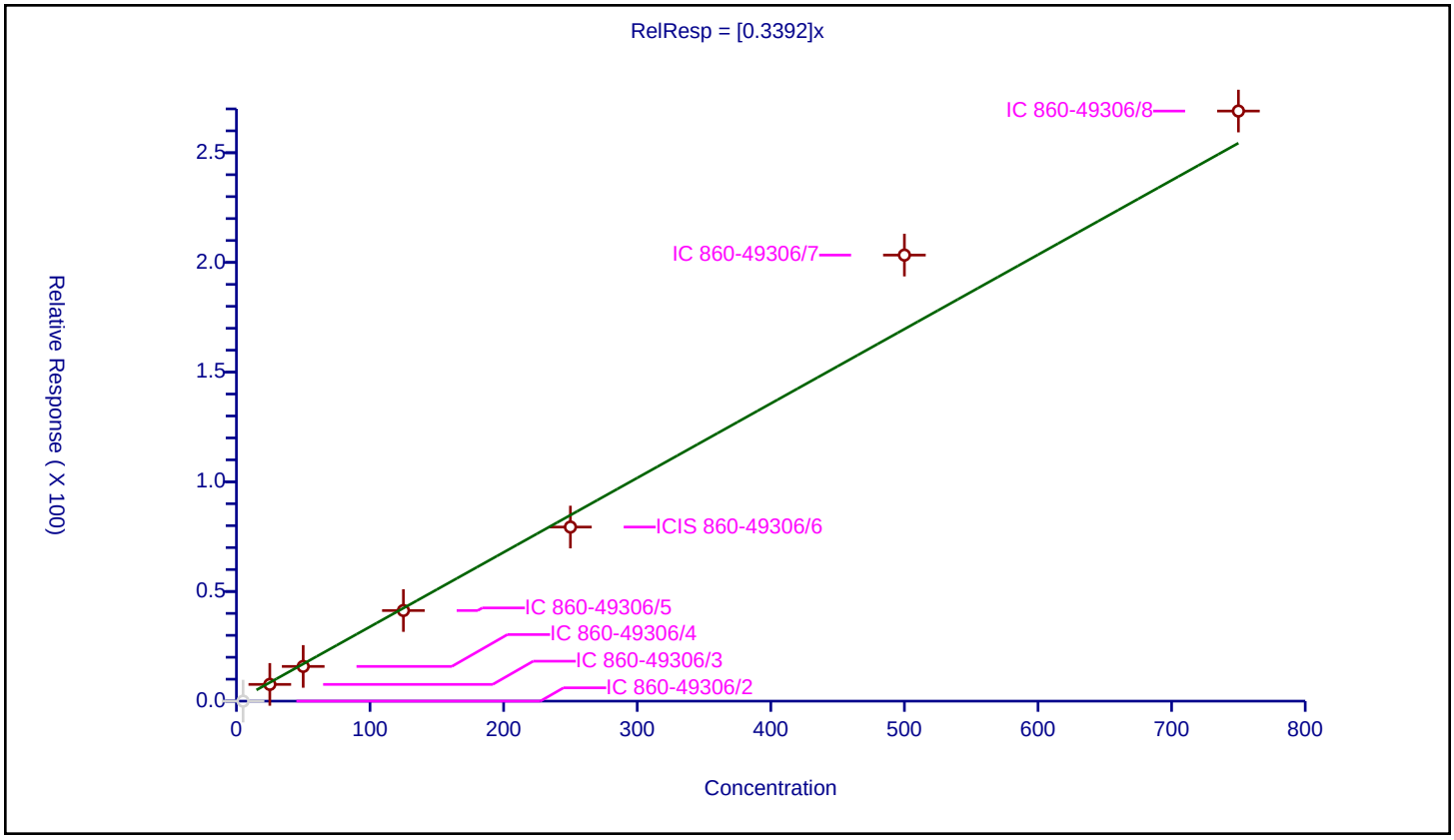
Curve Coefficients

Intercept:	0
Slope:	0.3392

Error Coefficients

Standard Error:	1180000
Relative Standard Error:	11.1
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49306/2	5.0	0.0	50.0	316625.0	0.0	N
2	IC 860-49306/3	25.0	7.635844	50.0	318380.0	0.305434	Y
3	IC 860-49306/4	50.0	15.821739	50.0	322000.0	0.316435	Y
4	IC 860-49306/5	125.0	41.308922	50.0	331265.0	0.330471	Y
5	ICIS 860-49306/6	250.0	79.369953	50.0	348482.0	0.31748	Y
6	IC 860-49306/7	500.0	203.356	50.0	363096.0	0.406712	Y
7	IC 860-49306/8	750.0	269.016244	50.0	388460.0	0.358688	Y



Calibration / Tetrahydrofuran

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

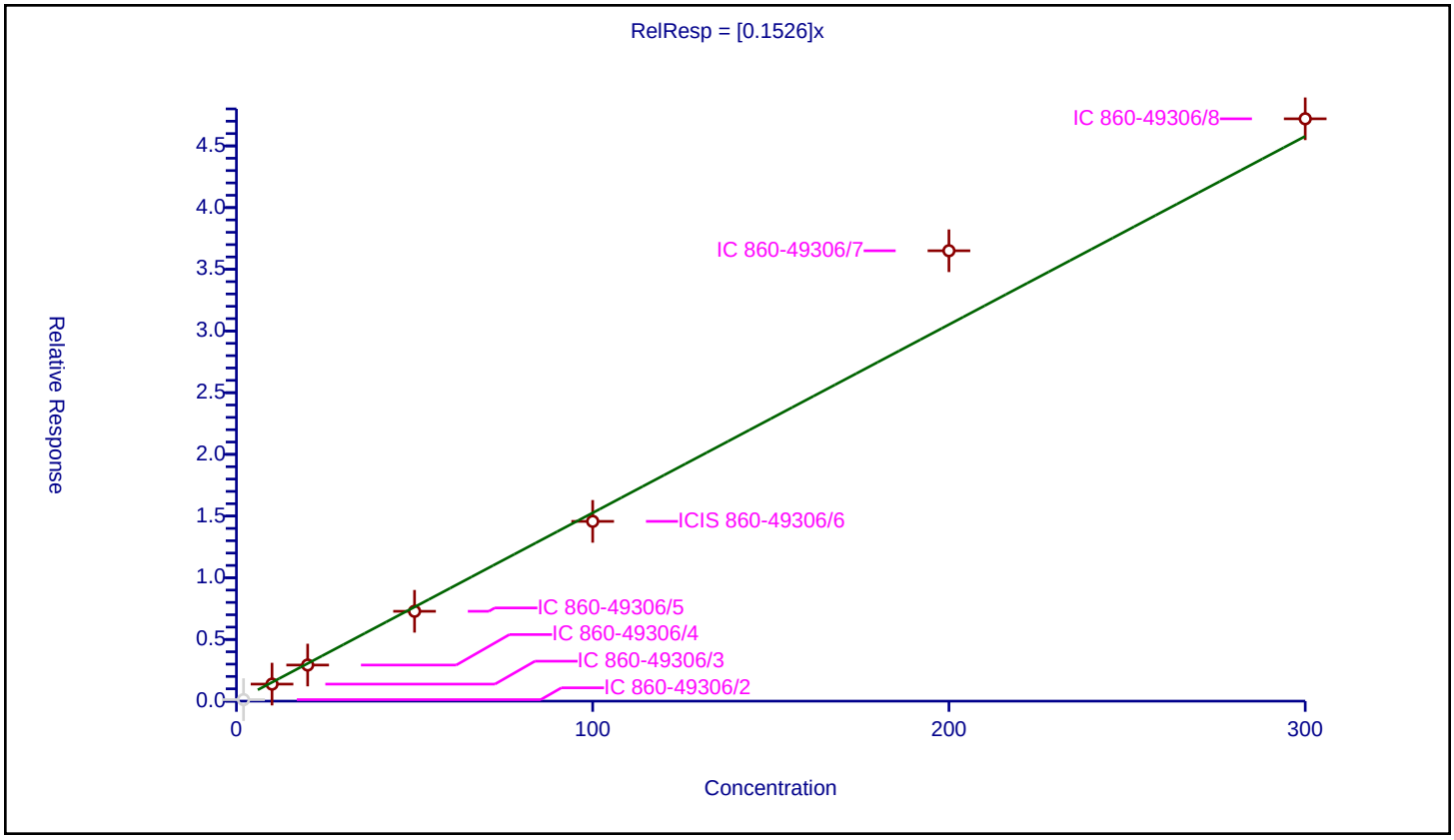
Curve Coefficients

Intercept:	0
Slope:	0.1526

Error Coefficients

Standard Error:	209000
Relative Standard Error:	10.4
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49306/2	2.0	0.121911	50.0	316625.0	0.060955	N
2	IC 860-49306/3	10.0	1.381054	50.0	318380.0	0.138105	Y
3	IC 860-49306/4	20.0	2.926398	50.0	322000.0	0.14632	Y
4	IC 860-49306/5	50.0	7.282538	50.0	331265.0	0.145651	Y
5	ICIS 860-49306/6	100.0	14.57048	50.0	348482.0	0.145705	Y
6	IC 860-49306/7	200.0	36.50233	50.0	363096.0	0.182512	Y
7	IC 860-49306/8	300.0	47.19791	50.0	388460.0	0.157326	Y



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

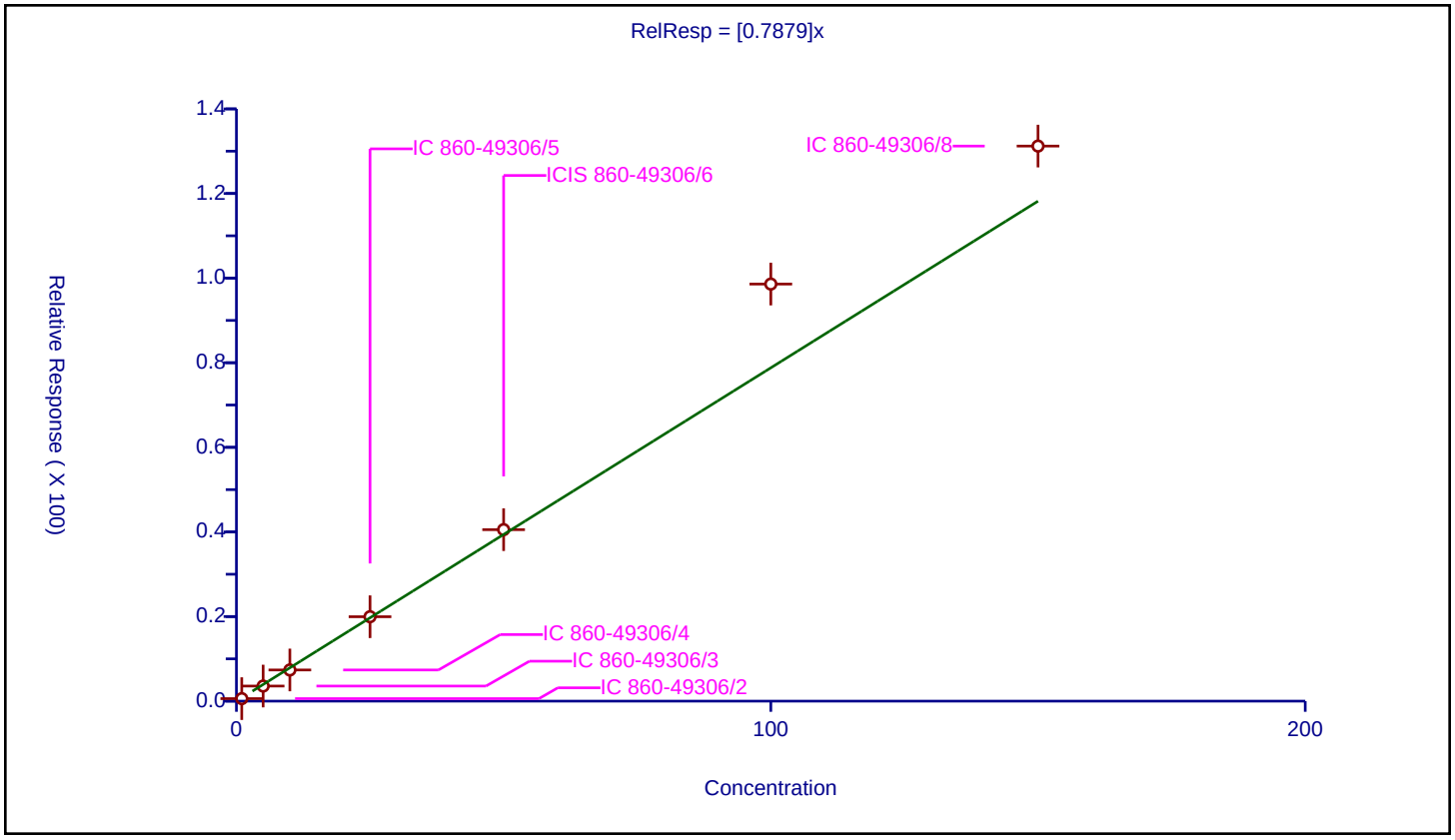
Curve Coefficients

Intercept:	0
Slope:	0.7879

Error Coefficients

Standard Error:	525000
Relative Standard Error:	15.7
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49306/2	1.0	0.596447	50.0	316625.0	0.596447	Y
2	IC 860-49306/3	5.0	3.563509	50.0	318380.0	0.712702	Y
3	IC 860-49306/4	10.0	7.368012	50.0	322000.0	0.736801	Y
4	IC 860-49306/5	25.0	19.955776	50.0	331265.0	0.798231	Y
5	ICIS 860-49306/6	50.0	40.538392	50.0	348482.0	0.810768	Y
6	IC 860-49306/7	100.0	98.593072	50.0	363096.0	0.985931	Y
7	IC 860-49306/8	150.0	131.209391	50.0	388460.0	0.874729	Y



Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

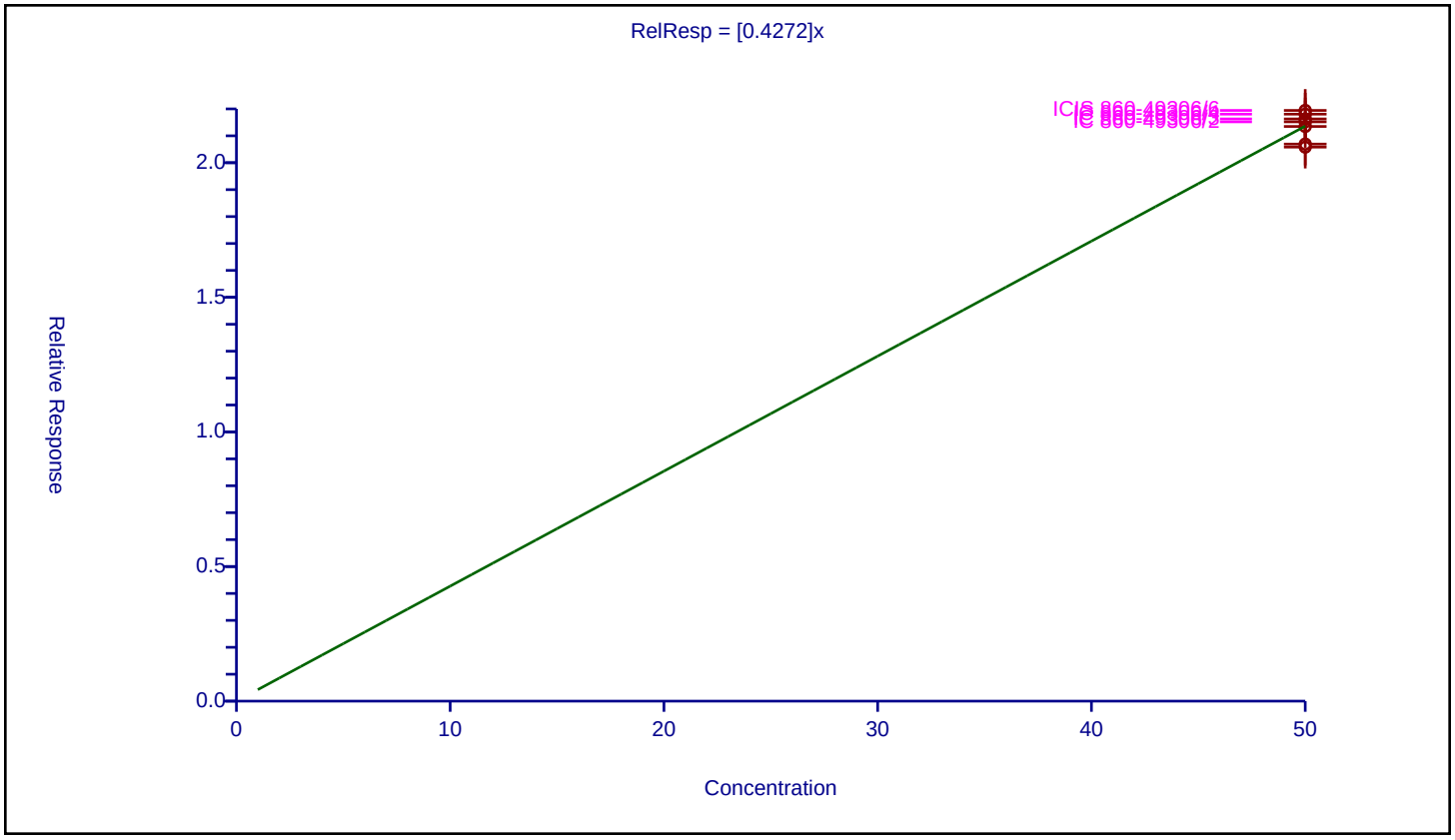
Curve Coefficients

Intercept:	0
Slope:	0.4272

Error Coefficients

Standard Error:	157000
Relative Standard Error:	2.5
Correlation Coefficient:	0.00000000000000000000
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49306/2	50.0	21.518674	50.0	316625.0	0.430373	Y
2	IC 860-49306/3	50.0	21.627458	50.0	318380.0	0.432549	Y
3	IC 860-49306/4	50.0	21.80528	50.0	322000.0	0.436106	Y
4	IC 860-49306/5	50.0	21.346807	50.0	331265.0	0.426936	Y
5	ICIS 860-49306/6	50.0	21.942597	50.0	348482.0	0.438852	Y
6	IC 860-49306/7	50.0	20.580232	50.0	363096.0	0.411605	Y
7	IC 860-49306/8	50.0	20.692993	50.0	388460.0	0.41386	Y



Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

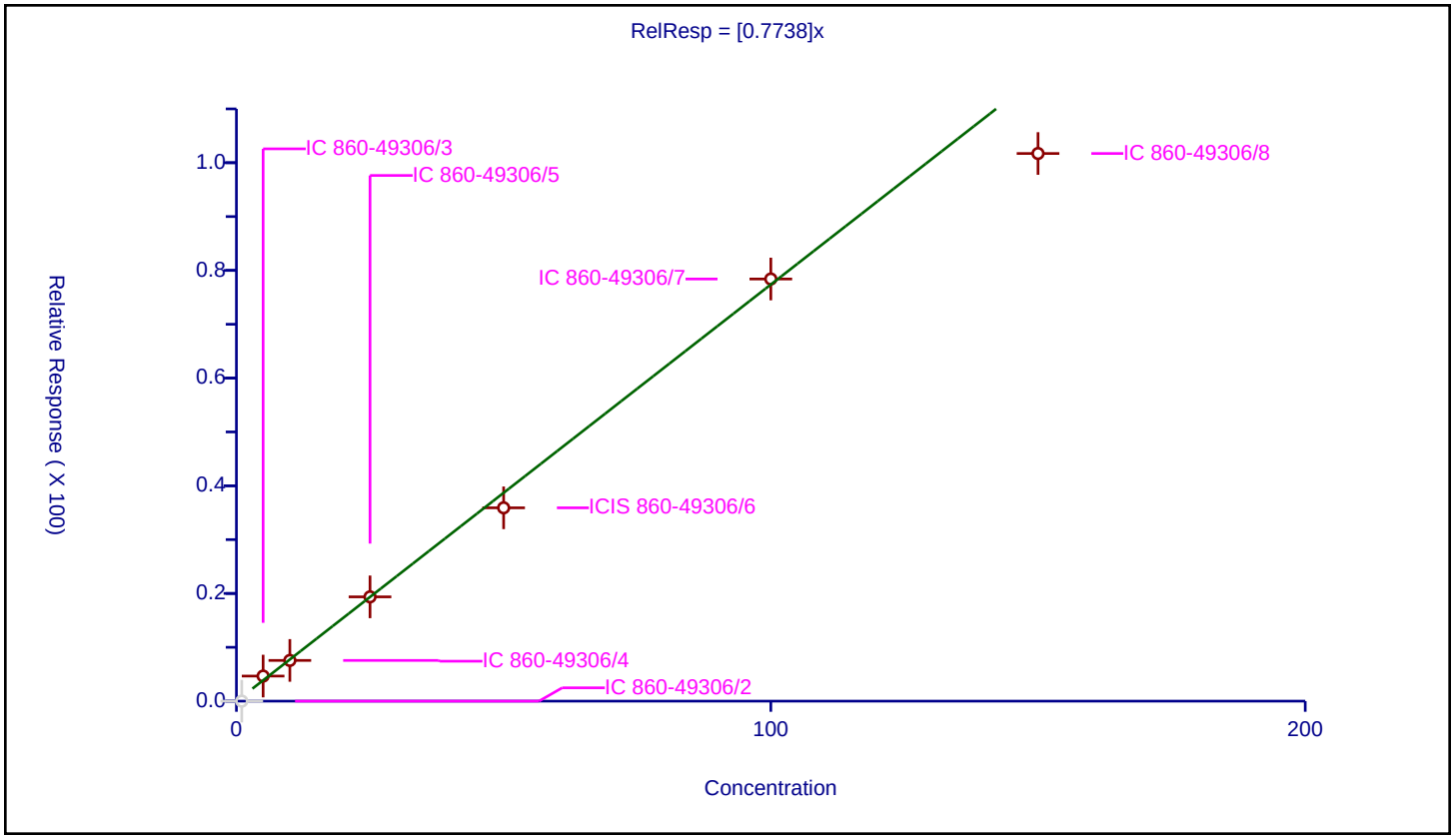
Curve Coefficients

Intercept:	0
Slope:	0.7738

Error Coefficients

Standard Error:	454000
Relative Standard Error:	11.2
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49306/2	1.0	0.0	50.0	316625.0	0.0	N
2	IC 860-49306/3	5.0	4.65827	50.0	318380.0	0.931654	Y
3	IC 860-49306/4	10.0	7.559161	50.0	322000.0	0.755916	Y
4	IC 860-49306/5	25.0	19.368934	50.0	331265.0	0.774757	Y
5	ICIS 860-49306/6	50.0	35.907307	50.0	348482.0	0.718146	Y
6	IC 860-49306/7	100.0	78.406813	50.0	363096.0	0.784068	Y
7	IC 860-49306/8	150.0	101.714205	50.0	388460.0	0.678095	Y



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

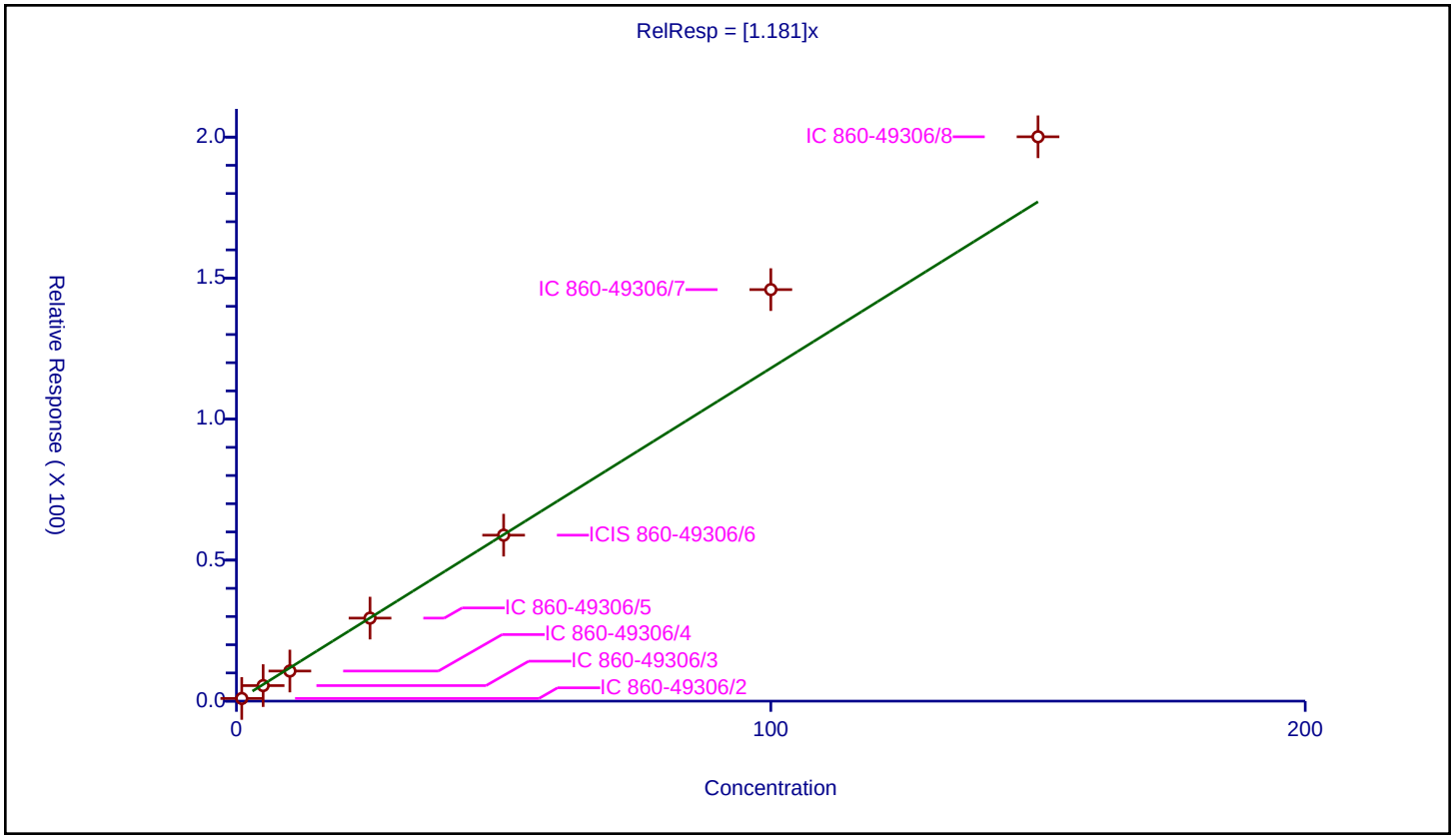
Curve Coefficients

Intercept:	0
Slope:	1.181

Error Coefficients

Standard Error:	1100000
Relative Standard Error:	14.5
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49306/2	1.0	0.946546	50.0	441764.0	0.946546	Y
2	IC 860-49306/3	5.0	5.510538	50.0	448096.0	1.102108	Y
3	IC 860-49306/4	10.0	10.677125	50.0	455839.0	1.067713	Y
4	IC 860-49306/5	25.0	29.437415	50.0	464285.0	1.177497	Y
5	ICIS 860-49306/6	50.0	58.849934	50.0	488885.0	1.176999	Y
6	IC 860-49306/7	100.0	145.921222	50.0	507272.0	1.459212	Y
7	IC 860-49306/8	150.0	200.108628	50.0	536236.0	1.334058	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

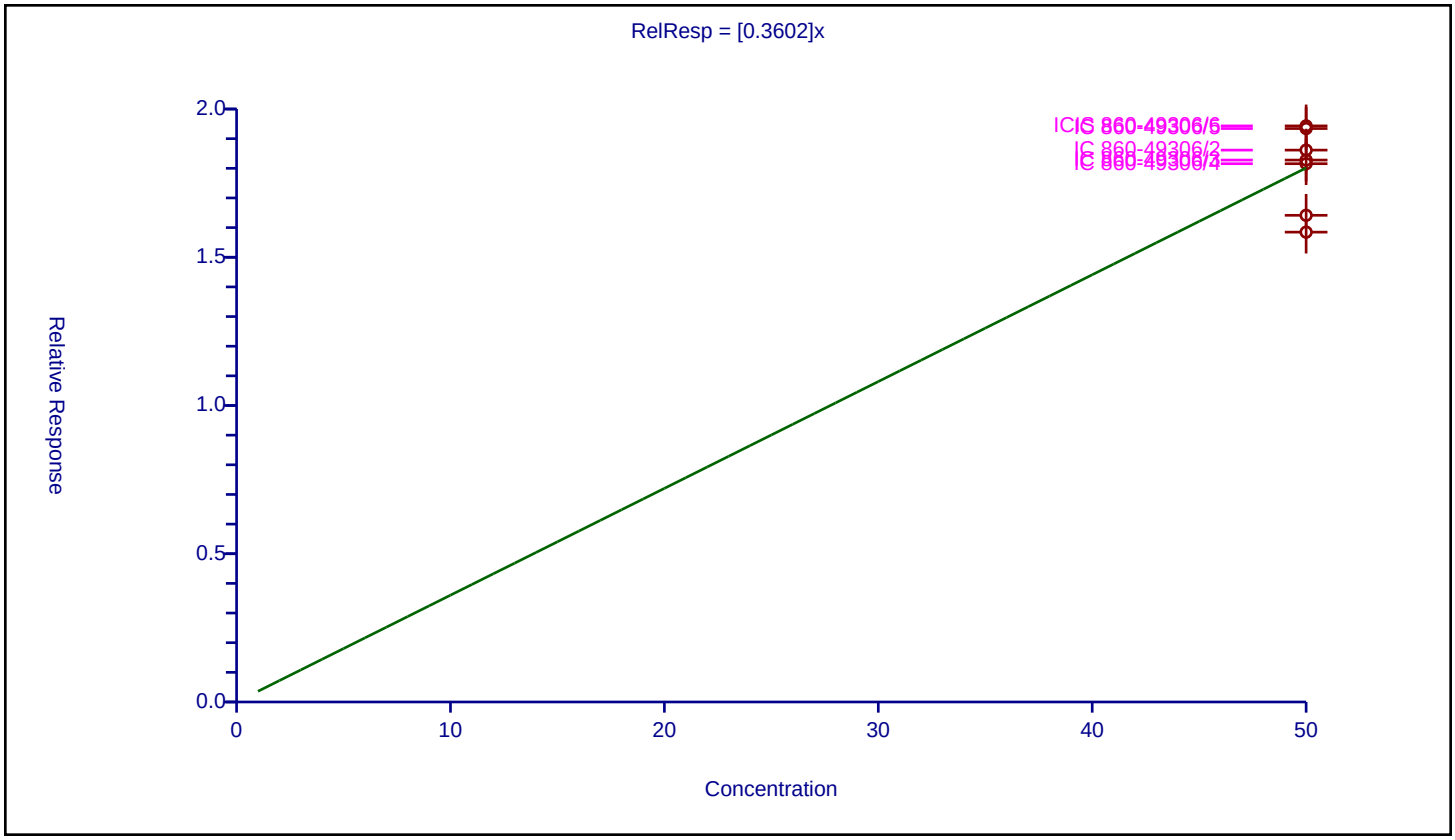
Curve Coefficients

Intercept:	0
Slope:	0.3602

Error Coefficients

Standard Error:	185000
Relative Standard Error:	7.7
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49306/2	50.0	18.614237	50.0	441764.0	0.372285	Y
2	IC 860-49306/3	50.0	18.278672	50.0	448096.0	0.365573	Y
3	IC 860-49306/4	50.0	18.155643	50.0	455839.0	0.363113	Y
4	IC 860-49306/5	50.0	19.340276	50.0	464285.0	0.386806	Y
5	ICIS 860-49306/6	50.0	19.43095	50.0	488885.0	0.388619	Y
6	IC 860-49306/7	50.0	16.415257	50.0	507272.0	0.328305	Y
7	IC 860-49306/8	50.0	15.847034	50.0	536236.0	0.316941	Y



Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

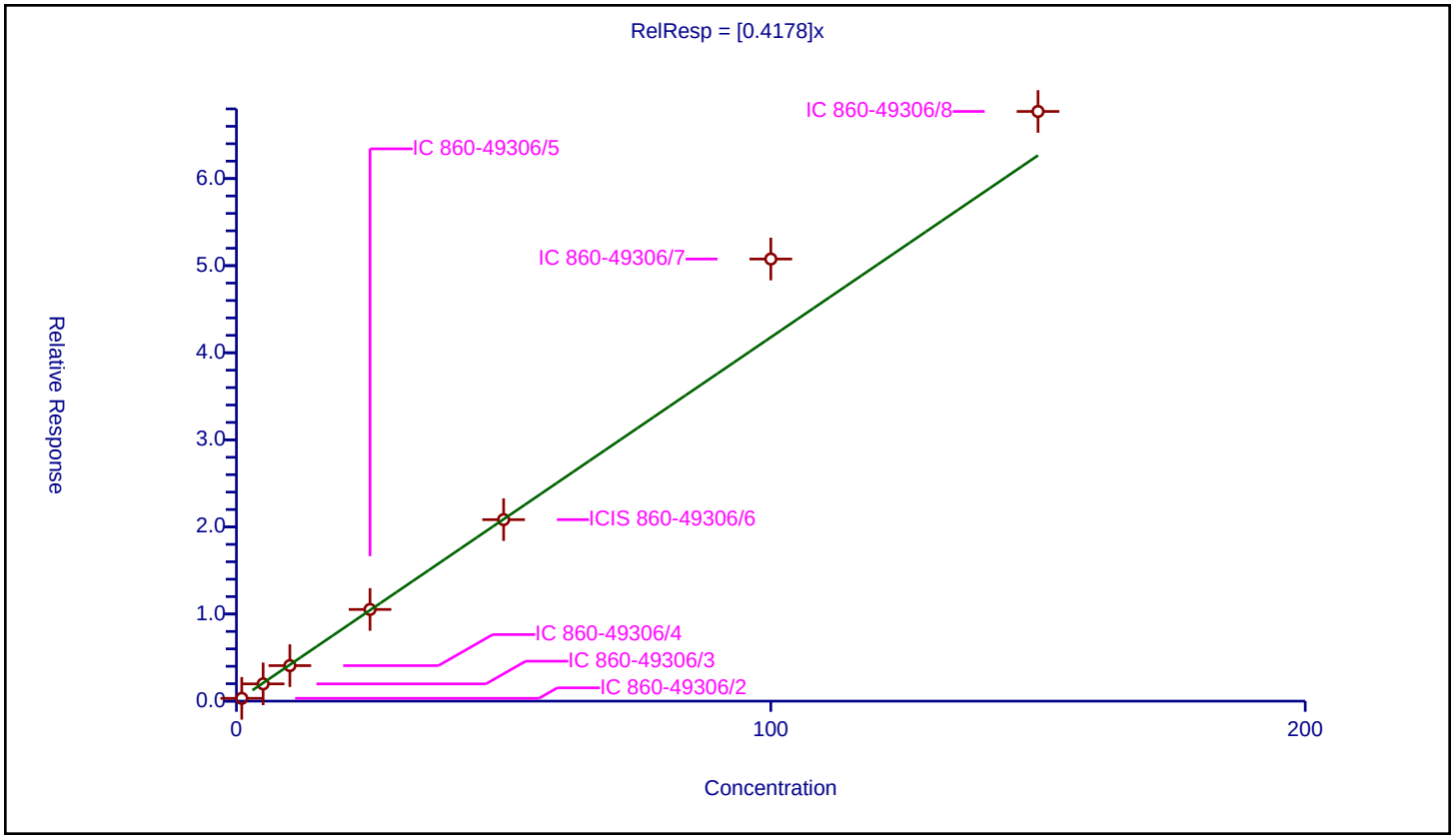
Curve Coefficients

Intercept:	0
Slope:	0.4178

Error Coefficients

Standard Error:	375000
Relative Standard Error:	13.4
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49306/2	1.0	0.32325	50.0	441764.0	0.32325	Y
2	IC 860-49306/3	5.0	1.982722	50.0	448096.0	0.396544	Y
3	IC 860-49306/4	10.0	4.076768	50.0	455839.0	0.407677	Y
4	IC 860-49306/5	25.0	10.526401	50.0	464285.0	0.421056	Y
5	ICIS 860-49306/6	50.0	20.838029	50.0	488885.0	0.416761	Y
6	IC 860-49306/7	100.0	50.76182	50.0	507272.0	0.507618	Y
7	IC 860-49306/8	150.0	67.705917	50.0	536236.0	0.451373	Y



Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

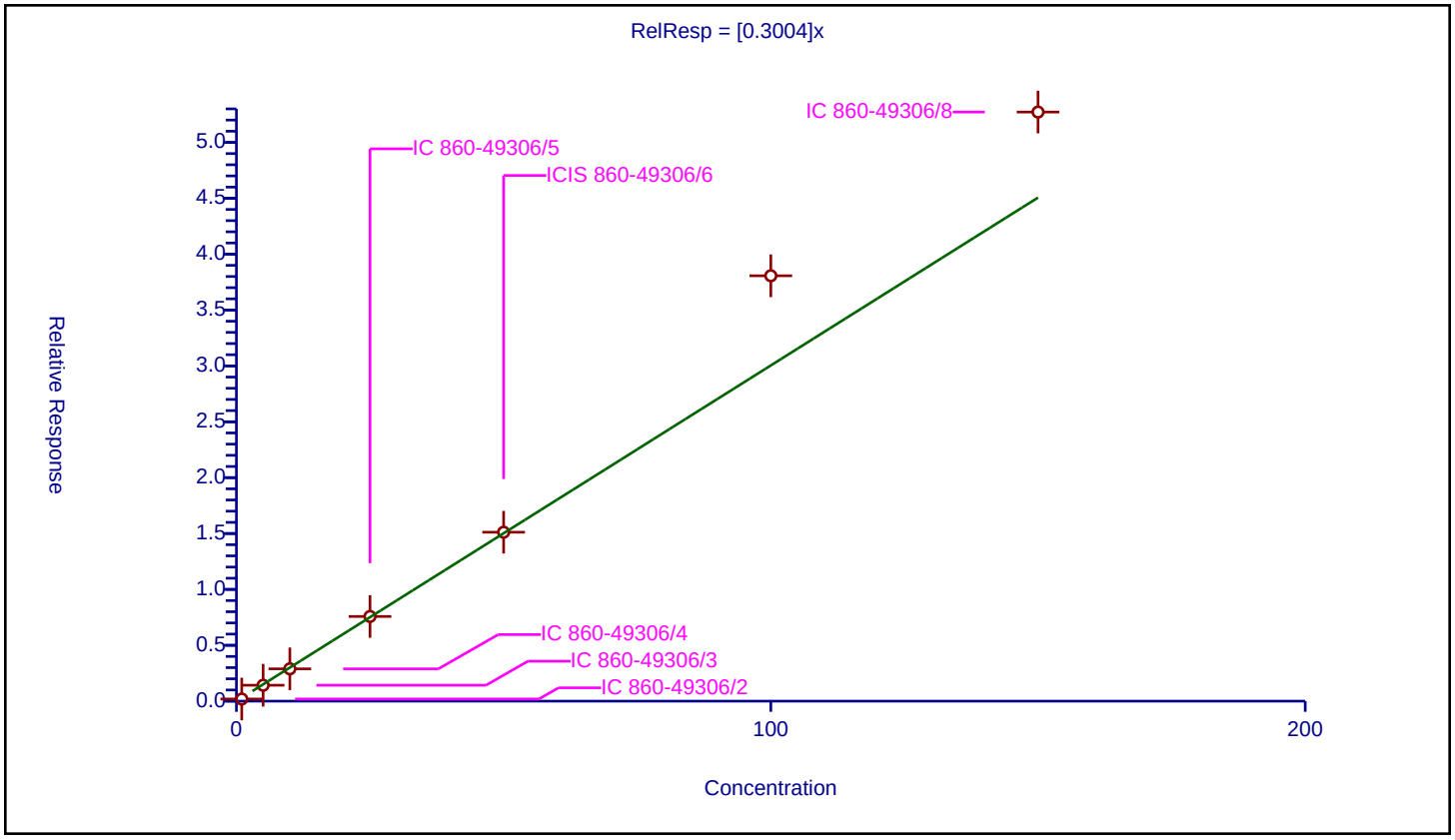
Curve Coefficients

Intercept:	0
Slope:	0.3004

Error Coefficients

Standard Error:	288000
Relative Standard Error:	19.8
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.962

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49306/2	1.0	0.191392	50.0	441764.0	0.191392	Y
2	IC 860-49306/3	5.0	1.423914	50.0	448096.0	0.284783	Y
3	IC 860-49306/4	10.0	2.891591	50.0	455839.0	0.289159	Y
4	IC 860-49306/5	25.0	7.577458	50.0	464285.0	0.303098	Y
5	ICIS 860-49306/6	50.0	15.118075	50.0	488885.0	0.302361	Y
6	IC 860-49306/7	100.0	38.065574	50.0	507272.0	0.380656	Y
7	IC 860-49306/8	150.0	52.715316	50.0	536236.0	0.351435	Y



Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

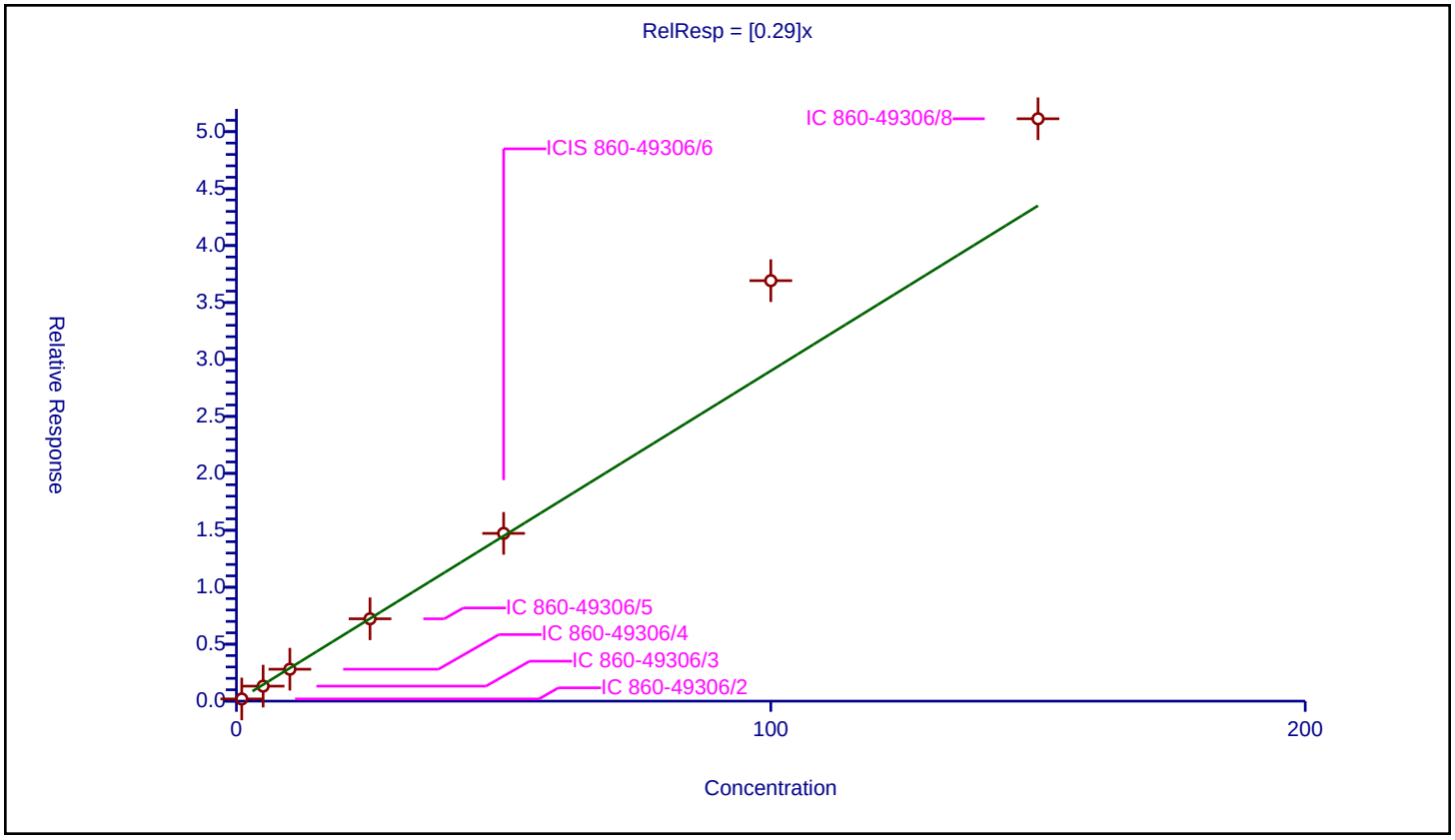
Curve Coefficients

Intercept:	0
Slope:	0.29

Error Coefficients

Standard Error:	279000
Relative Standard Error:	19.5
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.963

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49306/2	1.0	0.192524	50.0	441764.0	0.192524	Y
2	IC 860-49306/3	5.0	1.31724	50.0	448096.0	0.263448	Y
3	IC 860-49306/4	10.0	2.803292	50.0	455839.0	0.280329	Y
4	IC 860-49306/5	25.0	7.229073	50.0	464285.0	0.289163	Y
5	ICIS 860-49306/6	50.0	14.729538	50.0	488885.0	0.294591	Y
6	IC 860-49306/7	100.0	36.918359	50.0	507272.0	0.369184	Y
7	IC 860-49306/8	150.0	51.132244	50.0	536236.0	0.340882	Y



Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

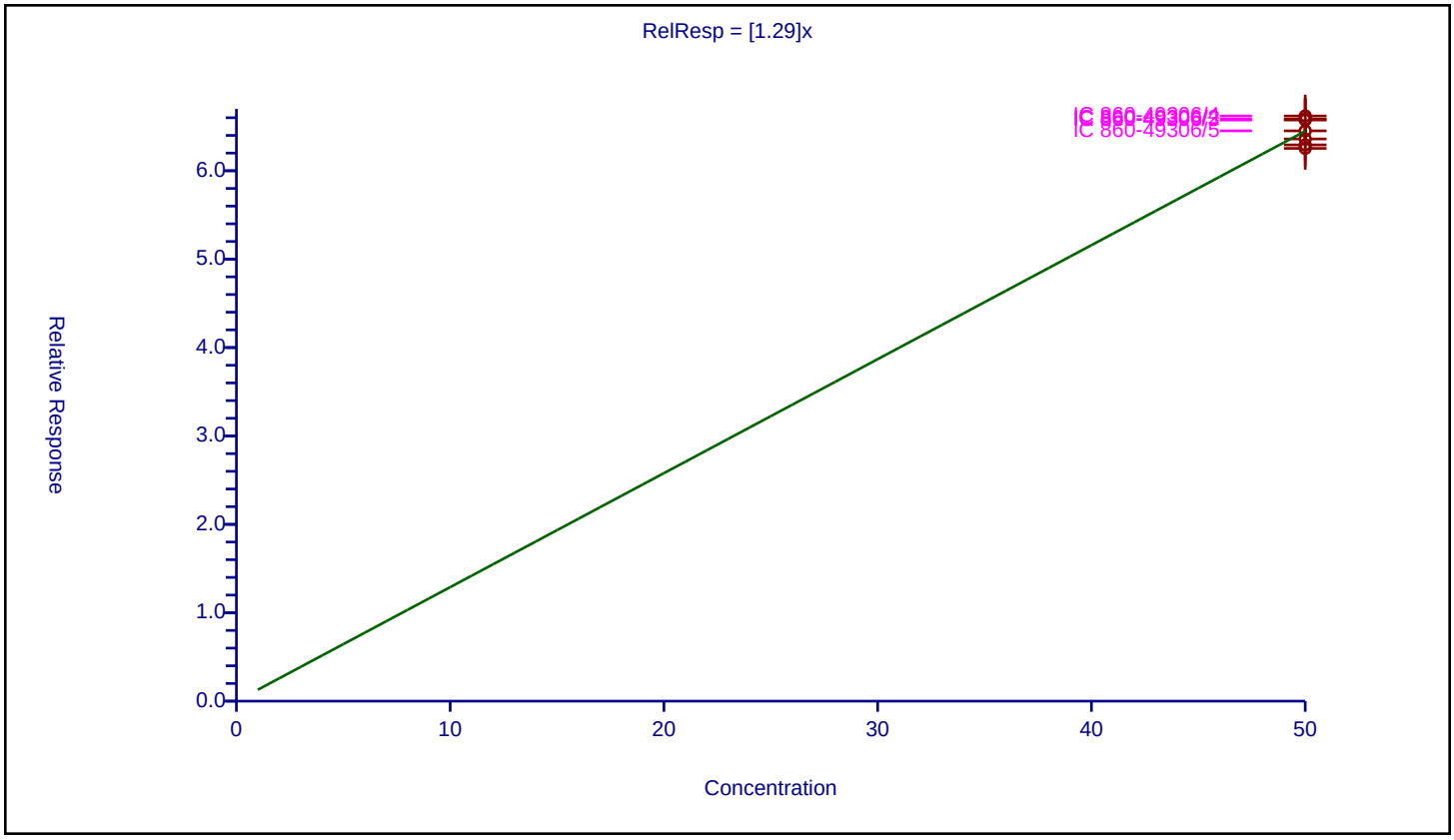
Curve Coefficients

Intercept:	0
Slope:	1.29

Error Coefficients

Standard Error:	597000
Relative Standard Error:	2.3
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49306/2	50.0	65.841161	50.0	385158.0	1.316823	Y
2	IC 860-49306/3	50.0	65.738842	50.0	392567.0	1.314777	Y
3	IC 860-49306/4	50.0	66.195822	50.0	396698.0	1.323916	Y
4	IC 860-49306/5	50.0	64.51315	50.0	413618.0	1.290263	Y
5	ICIS 860-49306/6	50.0	63.594903	50.0	443030.0	1.271898	Y
6	IC 860-49306/7	50.0	62.927587	50.0	470343.0	1.258552	Y
7	IC 860-49306/8	50.0	62.533012	50.0	496038.0	1.25066	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

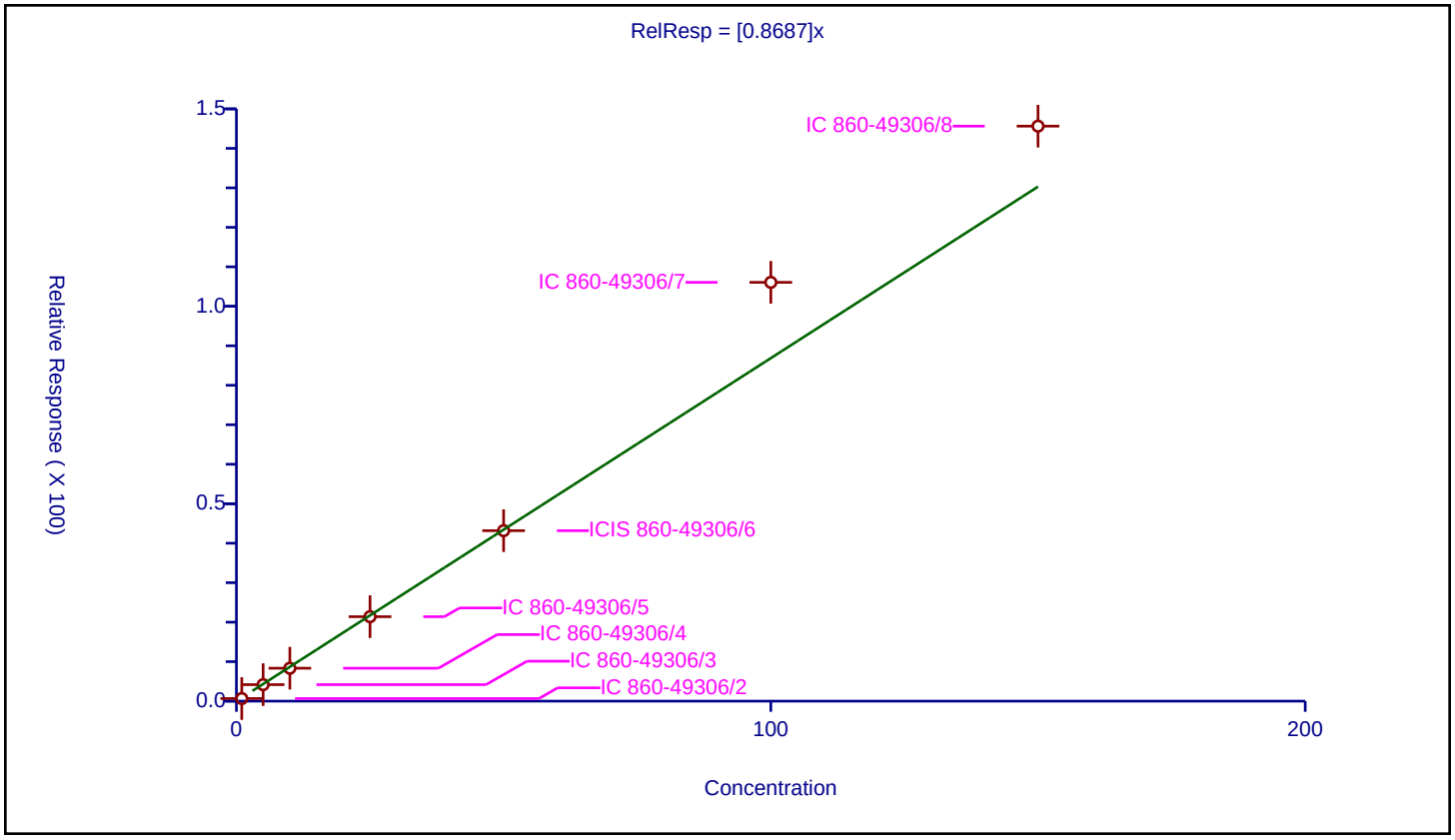
Curve Coefficients

Intercept:	0
Slope:	0.8687

Error Coefficients

Standard Error:	738000
Relative Standard Error:	14.3
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49306/2	1.0	0.661027	50.0	385158.0	0.661027	Y
2	IC 860-49306/3	5.0	4.176357	50.0	392567.0	0.835271	Y
3	IC 860-49306/4	10.0	8.340224	50.0	396698.0	0.834022	Y
4	IC 860-49306/5	25.0	21.387851	50.0	413618.0	0.855514	Y
5	ICIS 860-49306/6	50.0	43.173149	50.0	443030.0	0.863463	Y
6	IC 860-49306/7	100.0	106.063022	50.0	470343.0	1.06063	Y
7	IC 860-49306/8	150.0	145.628359	50.0	496038.0	0.970856	Y



Calibration / Tetrachloroethene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

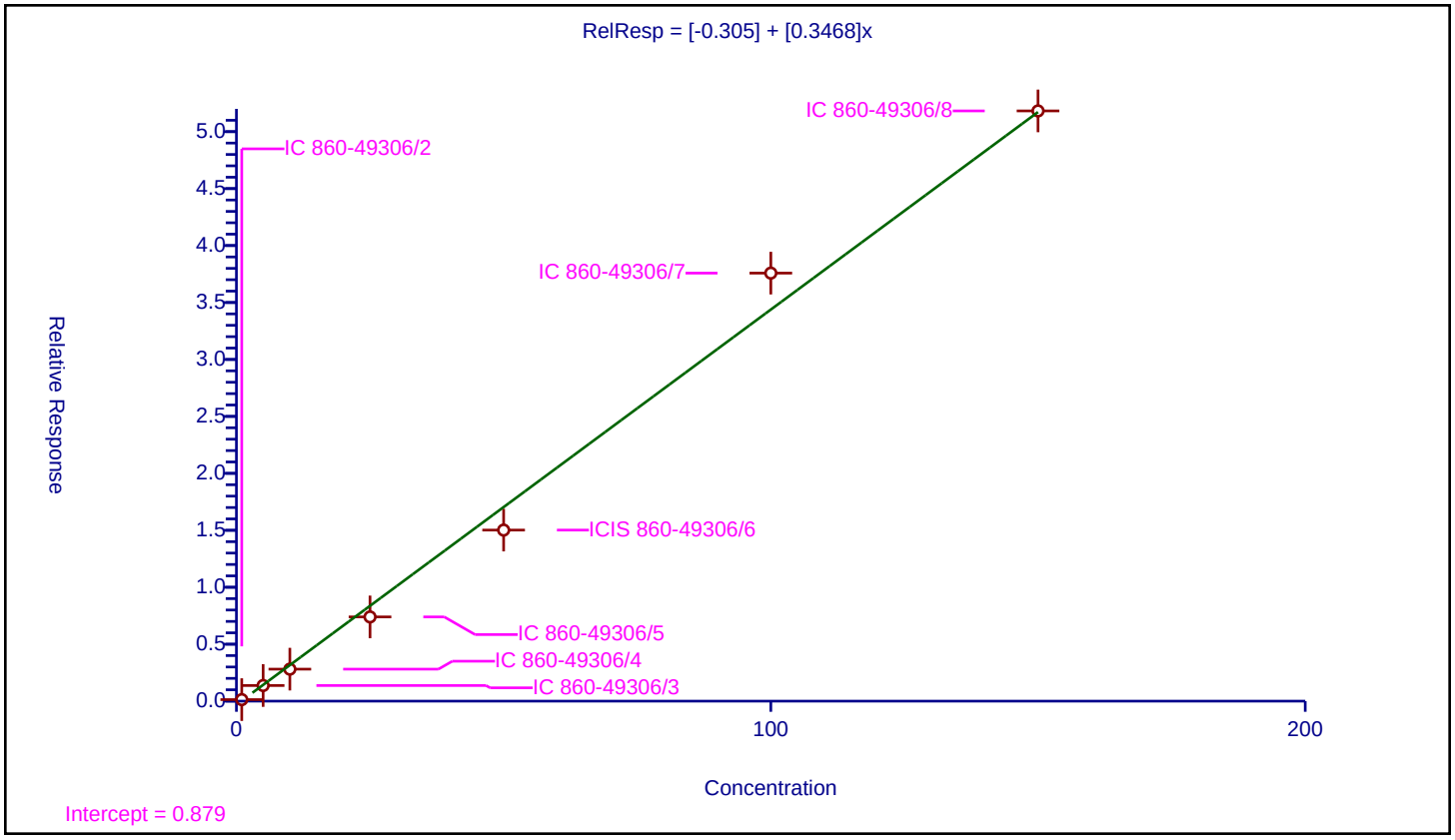
Curve Coefficients

Intercept:	-0.305
Slope:	0.3468

Error Coefficients

Standard Error:	287000
Relative Standard Error:	15.4
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49306/2	1.0	0.13501	50.0	385158.0	0.13501	Y
2	IC 860-49306/3	5.0	1.37225	50.0	392567.0	0.27445	Y
3	IC 860-49306/4	10.0	2.81045	50.0	396698.0	0.281045	Y
4	IC 860-49306/5	25.0	7.395109	50.0	413618.0	0.295804	Y
5	ICIS 860-49306/6	50.0	15.019976	50.0	443030.0	0.3004	Y
6	IC 860-49306/7	100.0	37.581935	50.0	470343.0	0.375819	Y
7	IC 860-49306/8	150.0	51.823046	50.0	496038.0	0.345487	Y



Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

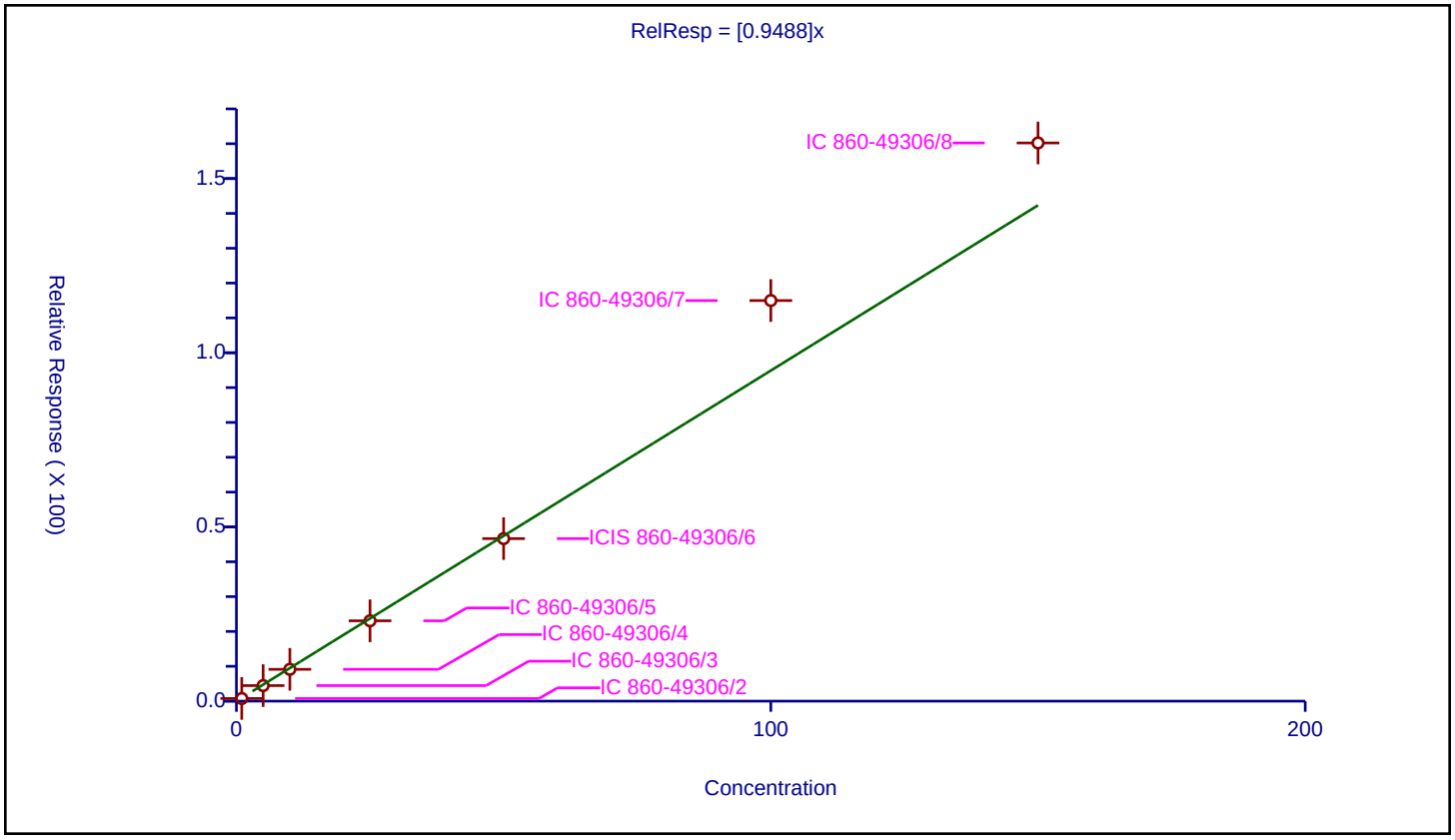
Curve Coefficients

Intercept:	0
Slope:	0.9488

Error Coefficients

Standard Error:	807000
Relative Standard Error:	13.2
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49306/2	1.0	0.763713	50.0	385158.0	0.763713	Y
2	IC 860-49306/3	5.0	4.457838	50.0	392567.0	0.891568	Y
3	IC 860-49306/4	10.0	9.130245	50.0	396698.0	0.913025	Y
4	IC 860-49306/5	25.0	23.06198	50.0	413618.0	0.922479	Y
5	ICIS 860-49306/6	50.0	46.654403	50.0	443030.0	0.933088	Y
6	IC 860-49306/7	100.0	114.989593	50.0	470343.0	1.149896	Y
7	IC 860-49306/8	150.0	160.221898	50.0	496038.0	1.068146	Y



Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

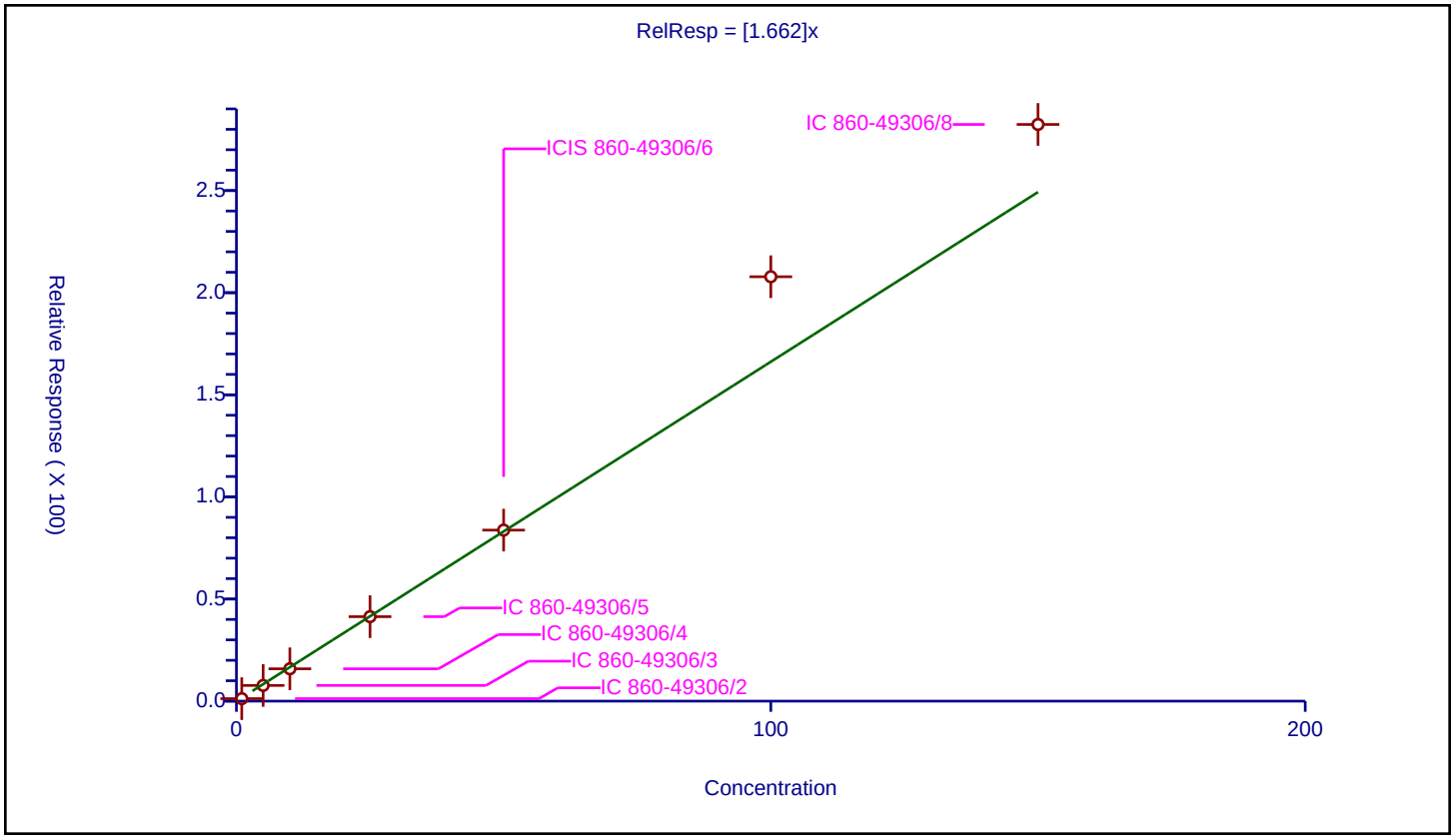
Curve Coefficients

Intercept:	0
Slope:	1.662

Error Coefficients

Standard Error:	1430000
Relative Standard Error:	16.3
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.974

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49306/2	1.0	1.219889	50.0	385158.0	1.219889	Y
2	IC 860-49306/3	5.0	7.693209	50.0	392567.0	1.538642	Y
3	IC 860-49306/4	10.0	15.841396	50.0	396698.0	1.58414	Y
4	IC 860-49306/5	25.0	41.364133	50.0	413618.0	1.654565	Y
5	ICIS 860-49306/6	50.0	83.751326	50.0	443030.0	1.675027	Y
6	IC 860-49306/7	100.0	207.80675	50.0	470343.0	2.078067	Y
7	IC 860-49306/8	150.0	282.380785	50.0	496038.0	1.882539	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

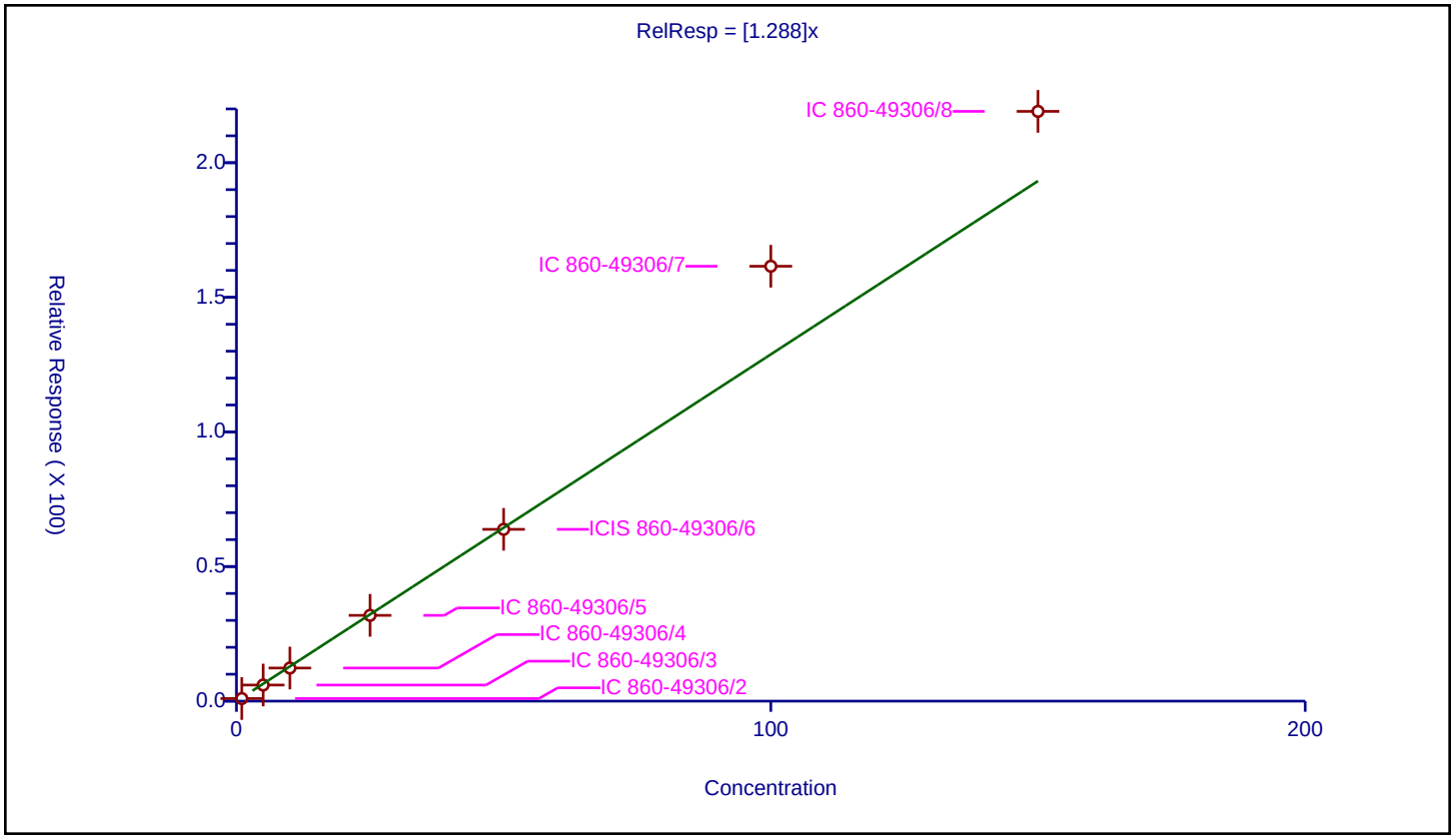
Curve Coefficients

Intercept:	0
Slope:	1.288

Error Coefficients

Standard Error:	1110000
Relative Standard Error:	16.0
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.974

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49306/2	1.0	0.96402	50.0	385158.0	0.96402	Y
2	IC 860-49306/3	5.0	5.978725	50.0	392567.0	1.195745	Y
3	IC 860-49306/4	10.0	12.301801	50.0	396698.0	1.23018	Y
4	IC 860-49306/5	25.0	31.863096	50.0	413618.0	1.274524	Y
5	ICIS 860-49306/6	50.0	63.817687	50.0	443030.0	1.276354	Y
6	IC 860-49306/7	100.0	161.549125	50.0	470343.0	1.615491	Y
7	IC 860-49306/8	150.0	219.079687	50.0	496038.0	1.460531	Y



Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

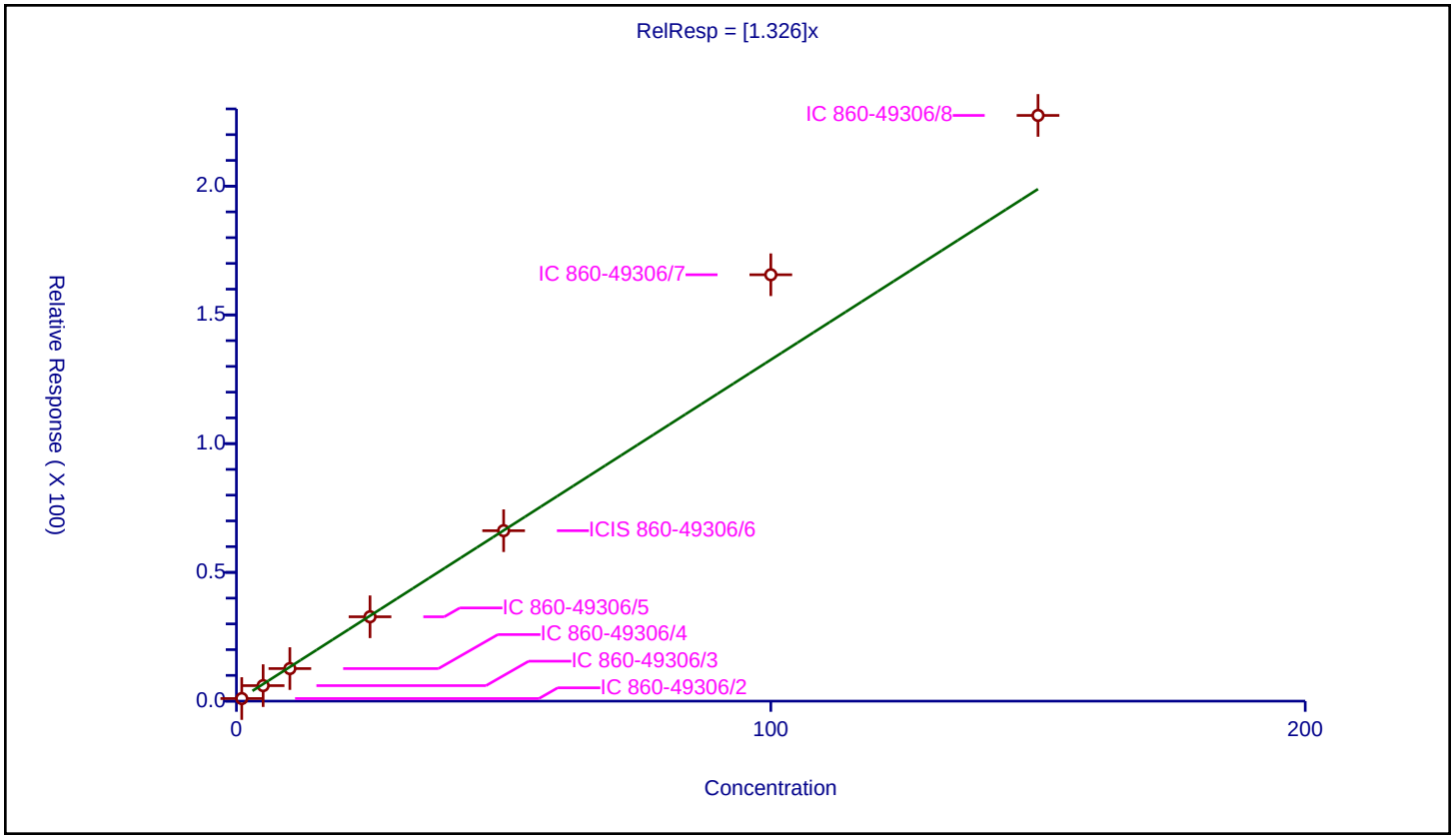
Curve Coefficients

Intercept:	0
Slope:	1.326

Error Coefficients

Standard Error:	1150000
Relative Standard Error:	15.9
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49306/2	1.0	1.005042	50.0	385158.0	1.005042	Y
2	IC 860-49306/3	5.0	6.025086	50.0	392567.0	1.205017	Y
3	IC 860-49306/4	10.0	12.640724	50.0	396698.0	1.264072	Y
4	IC 860-49306/5	25.0	32.757883	50.0	413618.0	1.310315	Y
5	ICIS 860-49306/6	50.0	66.189874	50.0	443030.0	1.323797	Y
6	IC 860-49306/7	100.0	165.596915	50.0	470343.0	1.655969	Y
7	IC 860-49306/8	150.0	227.466746	50.0	496038.0	1.516445	Y



Calibration / Bromoform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

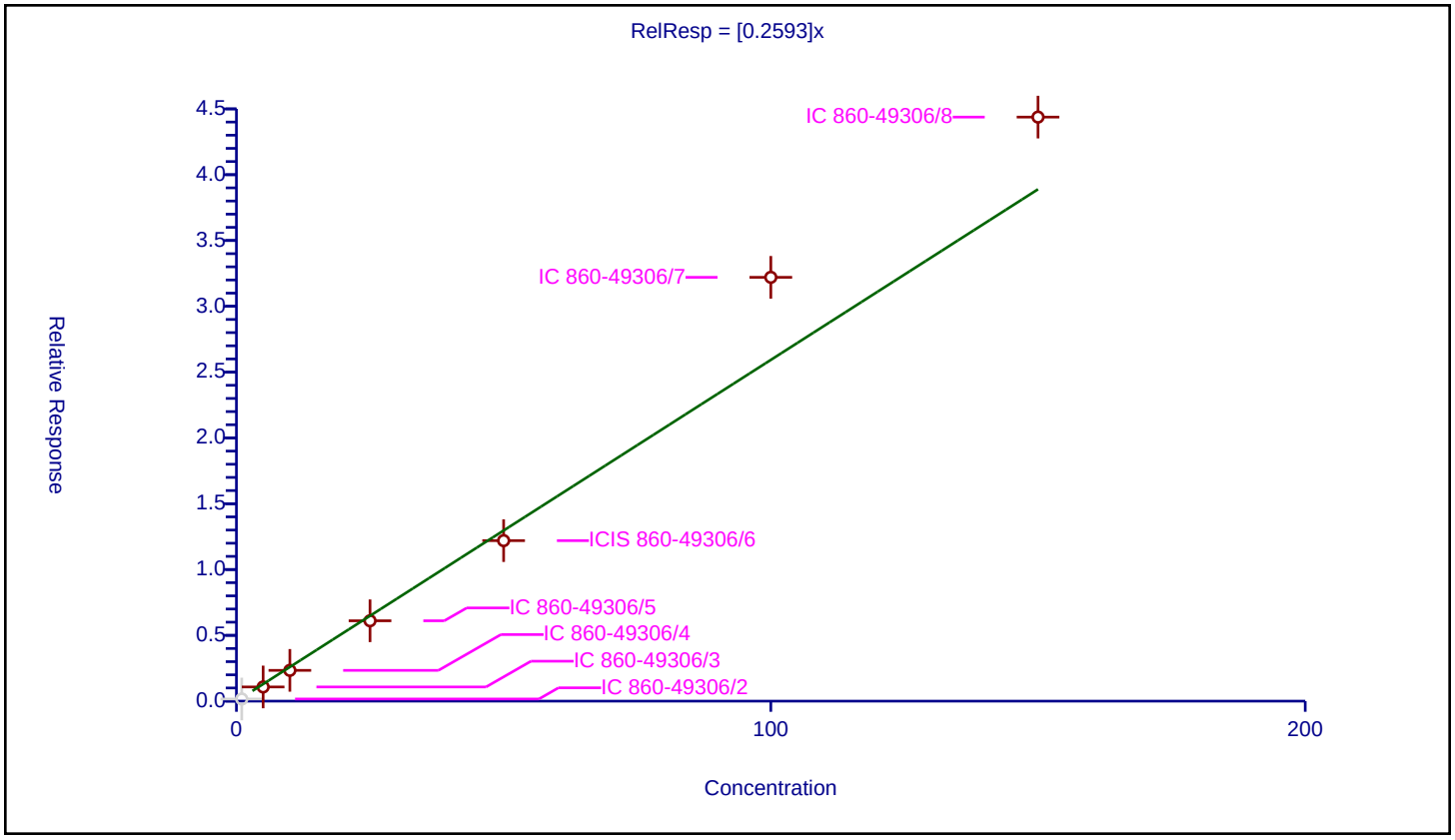
Curve Coefficients

Intercept:	0
Slope:	0.2593

Error Coefficients

Standard Error:	245000
Relative Standard Error:	15.7
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.969

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49306/2	1.0	0.163699	50.0	385158.0	0.163699	N
2	IC 860-49306/3	5.0	1.078542	50.0	392567.0	0.215708	Y
3	IC 860-49306/4	10.0	2.338807	50.0	396698.0	0.233881	Y
4	IC 860-49306/5	25.0	6.107447	50.0	413618.0	0.244298	Y
5	ICIS 860-49306/6	50.0	12.19624	50.0	443030.0	0.243925	Y
6	IC 860-49306/7	100.0	32.2015	50.0	470343.0	0.322015	Y
7	IC 860-49306/8	150.0	44.376439	50.0	496038.0	0.295843	Y



Calibration / 4-Bromofluorobenzene (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

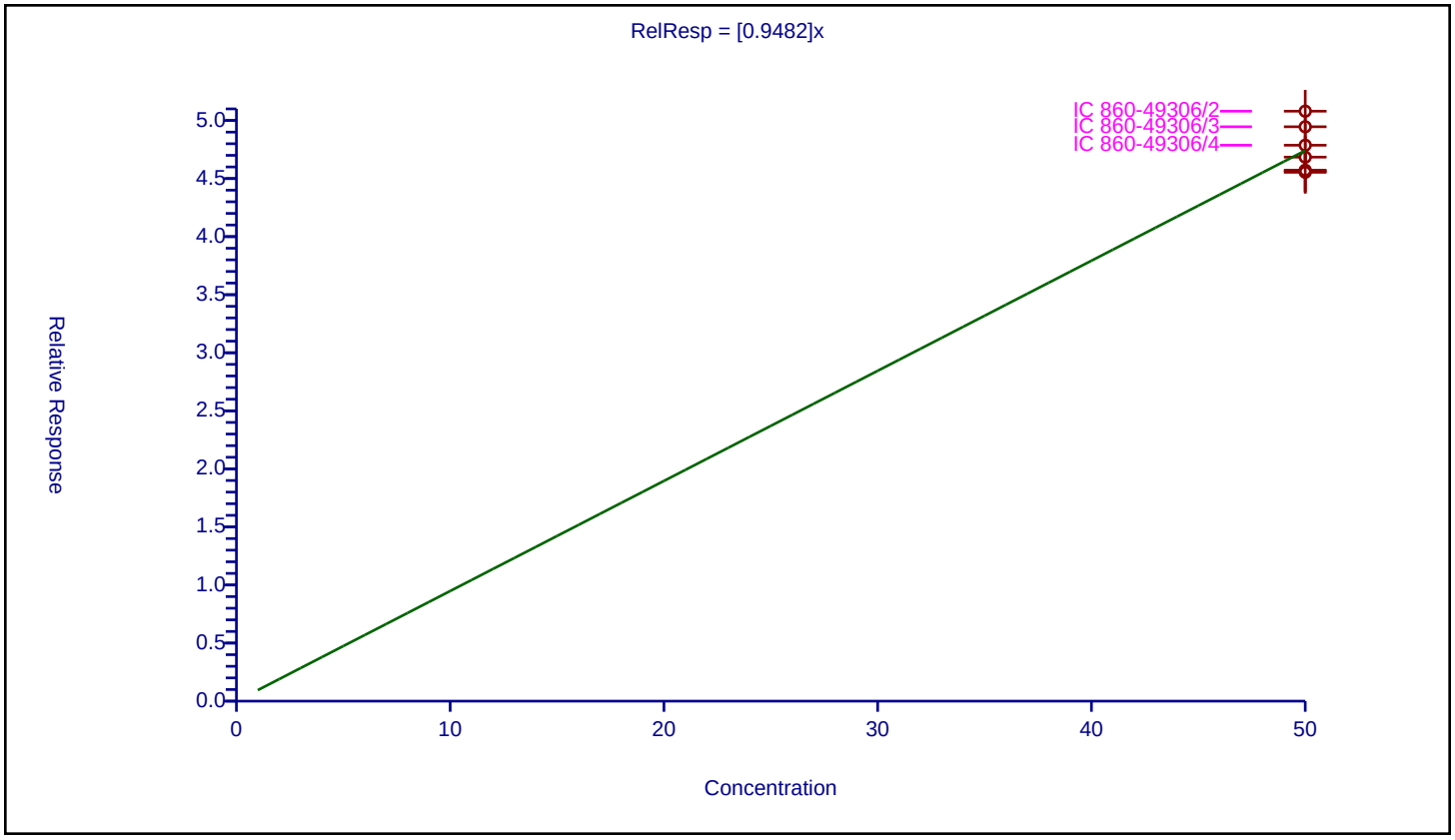
Curve Coefficients

Intercept:	0
Slope:	0.9482

Error Coefficients

Standard Error:	219000
Relative Standard Error:	4.4
Correlation Coefficient:	0.00000000000000000000
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49306/2	50.0	50.802234	50.0	171334.0	1.016045	Y
2	IC 860-49306/3	50.0	49.461046	50.0	178401.0	0.989221	Y
3	IC 860-49306/4	50.0	47.87131	50.0	194016.0	0.957426	Y
4	IC 860-49306/5	50.0	46.845357	50.0	212528.0	0.936907	Y
5	ICIS 860-49306/6	50.0	45.541206	50.0	232675.0	0.910824	Y
6	IC 860-49306/7	50.0	45.720779	50.0	244437.0	0.914416	Y
7	IC 860-49306/8	50.0	45.623991	50.0	263802.0	0.91248	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

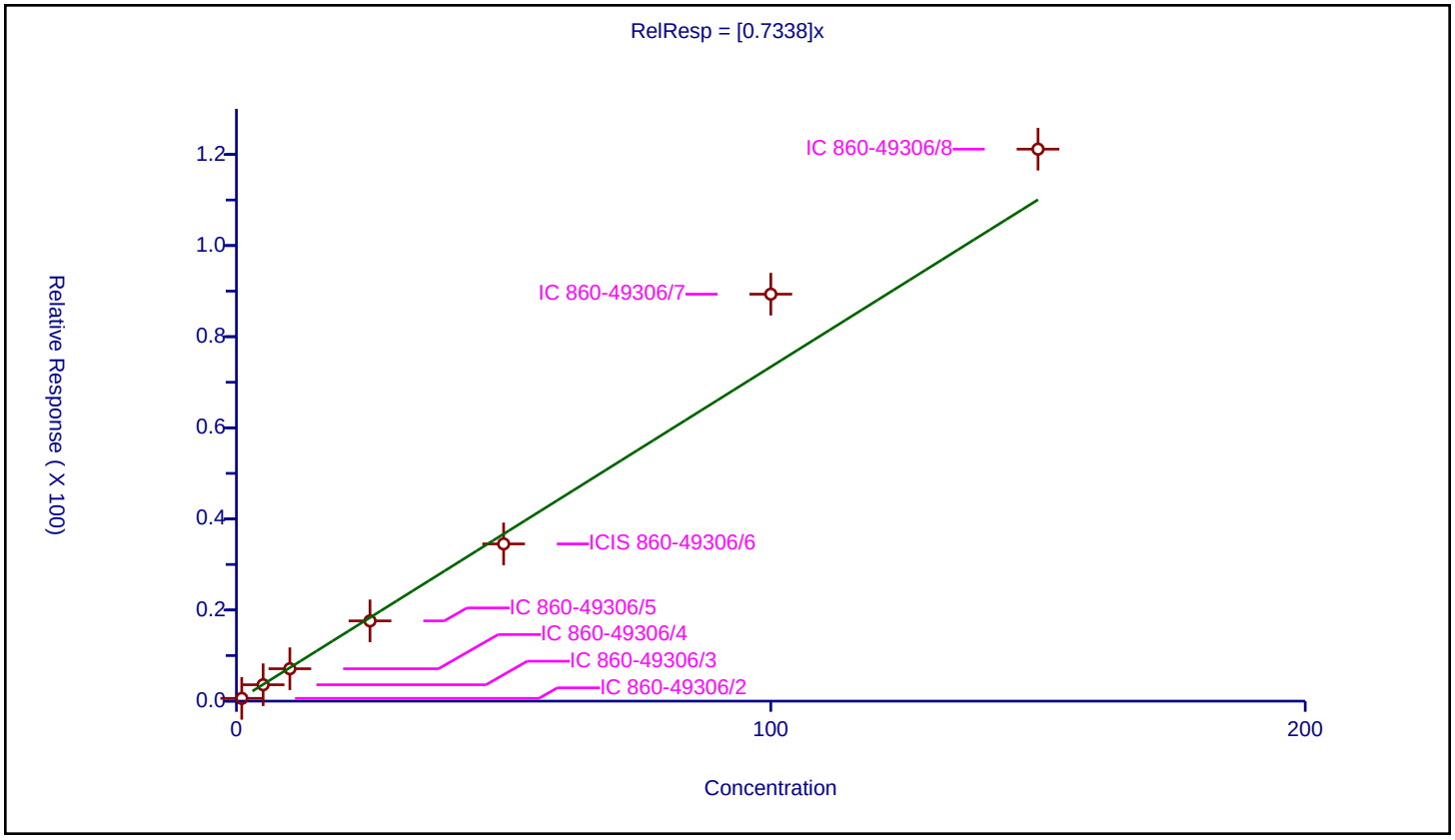
Curve Coefficients

Intercept:	0
Slope:	0.7338

Error Coefficients

Standard Error:	324000
Relative Standard Error:	12.4
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49306/2	1.0	0.609628	50.0	171334.0	0.609628	Y
2	IC 860-49306/3	5.0	3.599195	50.0	178401.0	0.719839	Y
3	IC 860-49306/4	10.0	7.113073	50.0	194016.0	0.711307	Y
4	IC 860-49306/5	25.0	17.616738	50.0	212528.0	0.70467	Y
5	ICIS 860-49306/6	50.0	34.513807	50.0	232675.0	0.690276	Y
6	IC 860-49306/7	100.0	89.333243	50.0	244437.0	0.893332	Y
7	IC 860-49306/8	150.0	121.165685	50.0	263802.0	0.807771	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

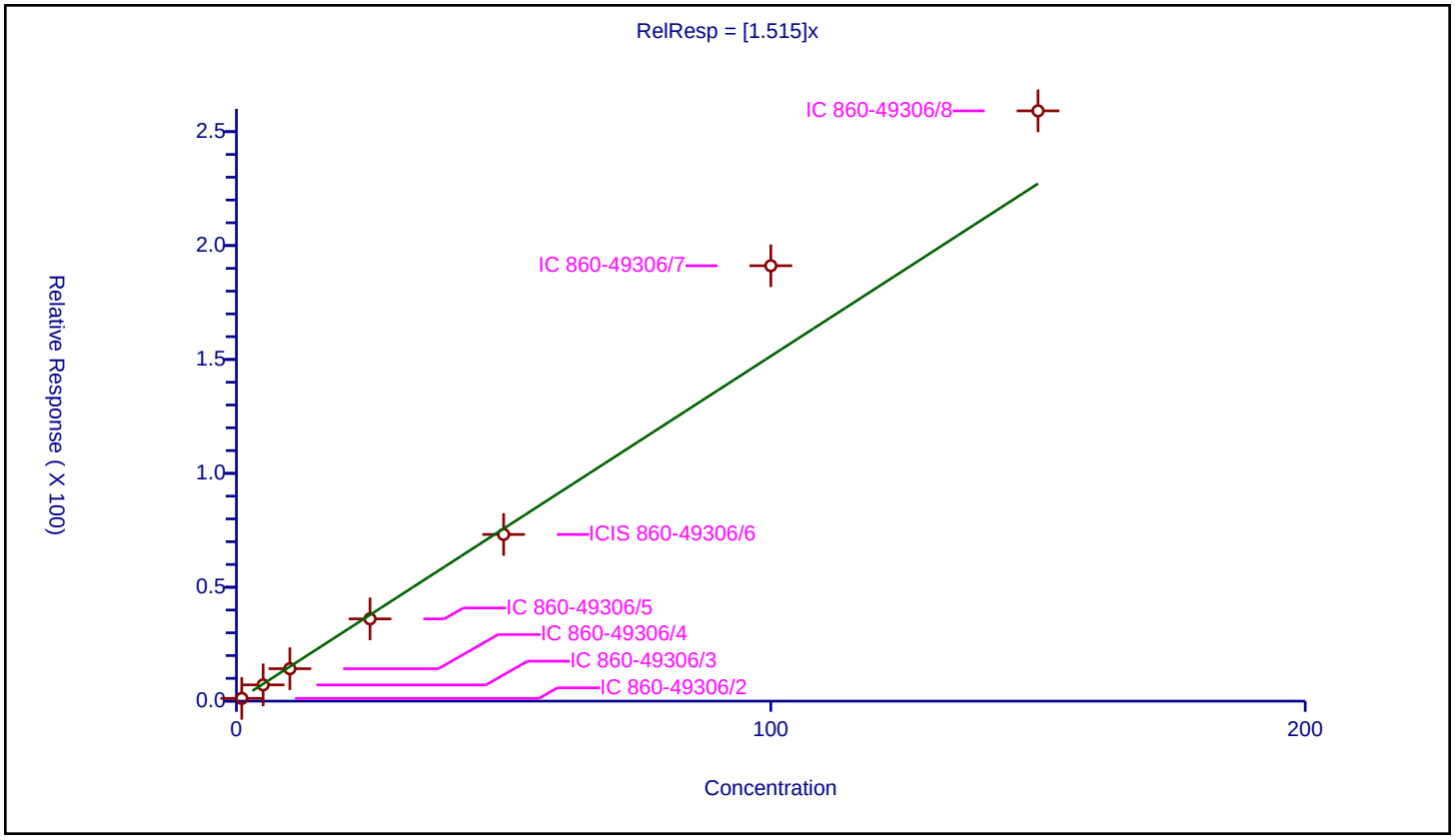
Curve Coefficients

Intercept:	0
Slope:	1.515

Error Coefficients

Standard Error:	693000
Relative Standard Error:	15.3
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49306/2	1.0	1.204665	50.0	171334.0	1.204665	Y
2	IC 860-49306/3	5.0	7.137292	50.0	178401.0	1.427458	Y
3	IC 860-49306/4	10.0	14.23027	50.0	194016.0	1.423027	Y
4	IC 860-49306/5	25.0	36.110301	50.0	212528.0	1.444412	Y
5	ICIS 860-49306/6	50.0	73.172881	50.0	232675.0	1.463458	Y
6	IC 860-49306/7	100.0	191.146594	50.0	244437.0	1.911466	Y
7	IC 860-49306/8	150.0	259.129574	50.0	263802.0	1.72753	Y



Calibration / Hexachlorobutadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

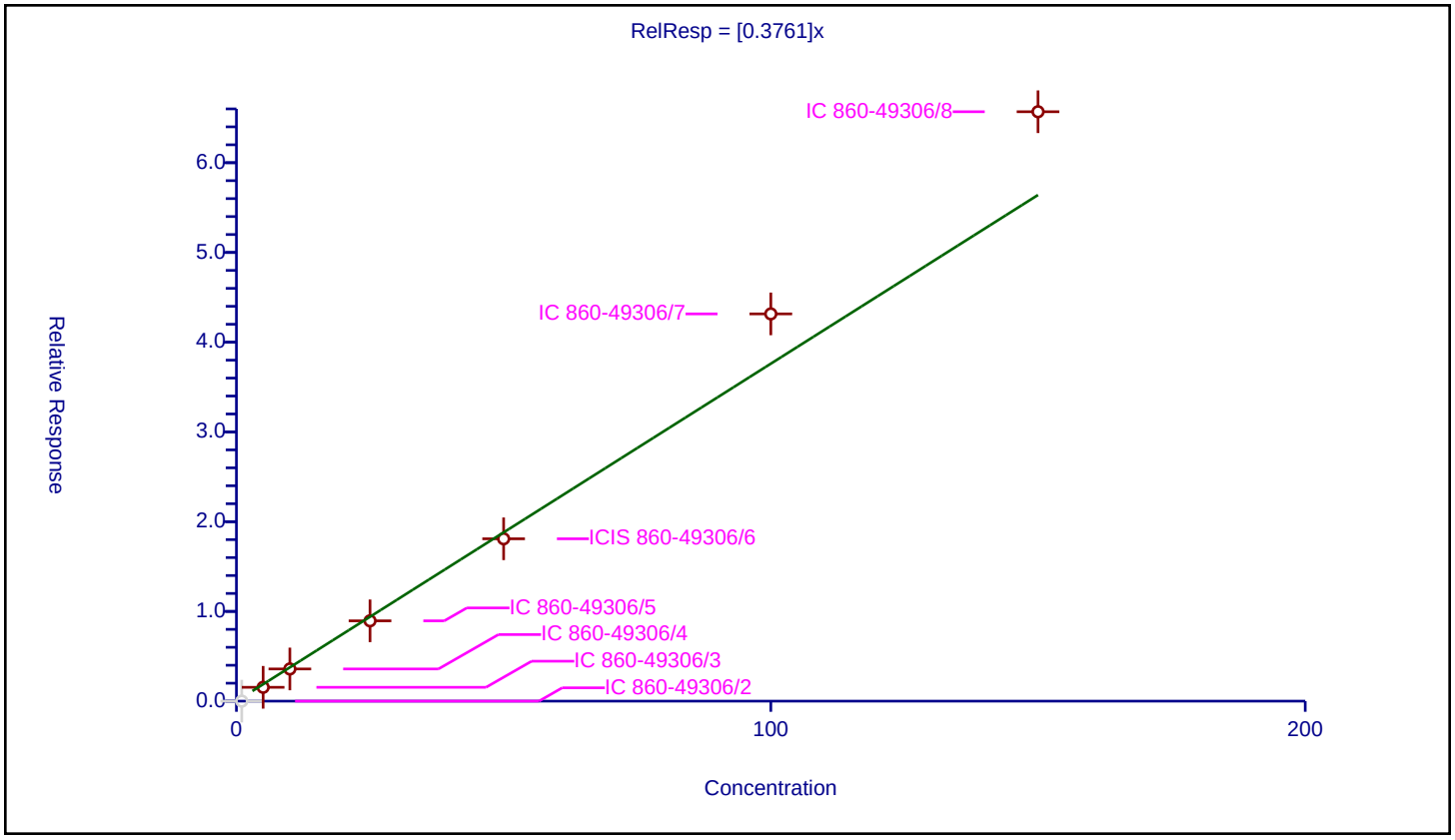
Curve Coefficients

Intercept:	0
Slope:	0.3761

Error Coefficients

Standard Error:	186000
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 860-49306/2	1.0	0.0	50.0	171334.0	0.0	N
2	IC 860-49306/3	5.0	1.540911	50.0	178401.0	0.308182	Y
3	IC 860-49306/4	10.0	3.588364	50.0	194016.0	0.358836	Y
4	IC 860-49306/5	25.0	8.950821	50.0	212528.0	0.358033	Y
5	ICIS 860-49306/6	50.0	18.091114	50.0	232675.0	0.361822	Y
6	IC 860-49306/7	100.0	43.155701	50.0	244437.0	0.431557	Y
7	IC 860-49306/8	150.0	65.682595	50.0	263802.0	0.437884	Y



FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Houston Job No.: 860-24865-1 Analy Batch No.: 49663

SDG No.:

Instrument ID: A131 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/20/2022 16:40 Calibration End Date: 04/20/2022 18:43 Calibration ID: 2909

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-49663/2	J04202216.D
Level 2	IC 860-49663/3	J04202217.D
Level 3	IC 860-49663/4	J04202218.D
Level 4	IC 860-49663/5	J04202219.D
Level 5	IC 860-49663/6	J04202220.D
Level 6	IC 860-49663/7	J04202221.D
Level 7	IC 860-49663/8	J04202222.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								
2-Methyltetrahydrofuran	0.1013 0.1675	0.1248 0.1810	0.1294	0.1303	0.1312	Ave		0.1379				19.7		20.0			
Tetrahydropyran	0.0728 0.1294	0.0982 +++++	0.0990	0.1017	0.1014	Ave		0.1004				17.9		20.0			
2-Methyltetrahydropyran	0.1611 0.2605	0.1912 0.2681	0.1993	0.1969	0.2008	Ave		0.2111				18.4		20.0			
Dibromofluoromethane (Surr)	0.4434 0.4404	0.4395 0.4431	0.4382	0.4320	0.4419	Ave		0.4398				0.9		20.0			
1,2-Dichloroethane-d4 (Surr)	0.3609 0.3544	0.3666 0.3623	0.3646	0.3628	0.3587	Ave		0.3615				1.1		20.0			
Toluene-d8 (Surr)	1.3001 1.3145	1.3088 1.3066	1.3025	1.2980	1.3014	Ave		1.3046				0.4		20.0			
4-Bromofluorobenzene (Surr)	1.0760 1.0701	1.0284 1.0596	1.0780	1.0852	1.0819	Ave		1.0685				1.8		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
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Houston Job No.: 860-24865-1 Analy Batch No.: 49663

SDG No.:

Instrument ID: A131 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/20/2022 16:40 Calibration End Date: 04/20/2022 18:43 Calibration ID: 2909

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-49663/2	J04202216.D
Level 2	IC 860-49663/3	J04202217.D
Level 3	IC 860-49663/4	J04202218.D
Level 4	IC 860-49663/5	J04202219.D
Level 5	IC 860-49663/6	J04202220.D
Level 6	IC 860-49663/7	J04202221.D
Level 7	IC 860-49663/8	J04202222.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
2-Methyltetrahydrofuran	DFBZ	Ave	4616 774671	28794 1273419	59939	149715	302897	5.00 500	25.0 750	50.0	125	250
Tetrahydropyran	DFBZ	Ave	3319 598251	22647 +++++	45867	116876	234046	5.00 500	25.0 +++++	50.0	125	250
2-Methyltetrahydropyran	CBNZ d5	Ave	6382 1052671	38445 1697810	80867	198538	405958	5.00 500	25.0 750	50.0	125	250
Dibromofluoromethane (Surr)	PFB	Ave	141093 140086	142566 142358	142039	138499	141552	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	DFBZ	Ave	164529 163870	169118 169900	168817	166818	165658	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	514882 531090	526245 551699	528472	523547	526316	50.0 50.0	50.0 50.0	50.0	50.0	50.0
4-Bromofluorobenzene (Surr)	DCBd 4	Ave	178363 182582	180971 194115	187959	182411	182372	50.0 50.0	50.0 50.0	50.0	50.0	50.0

Curve Type Legend
Ave = Average ISTD

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Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

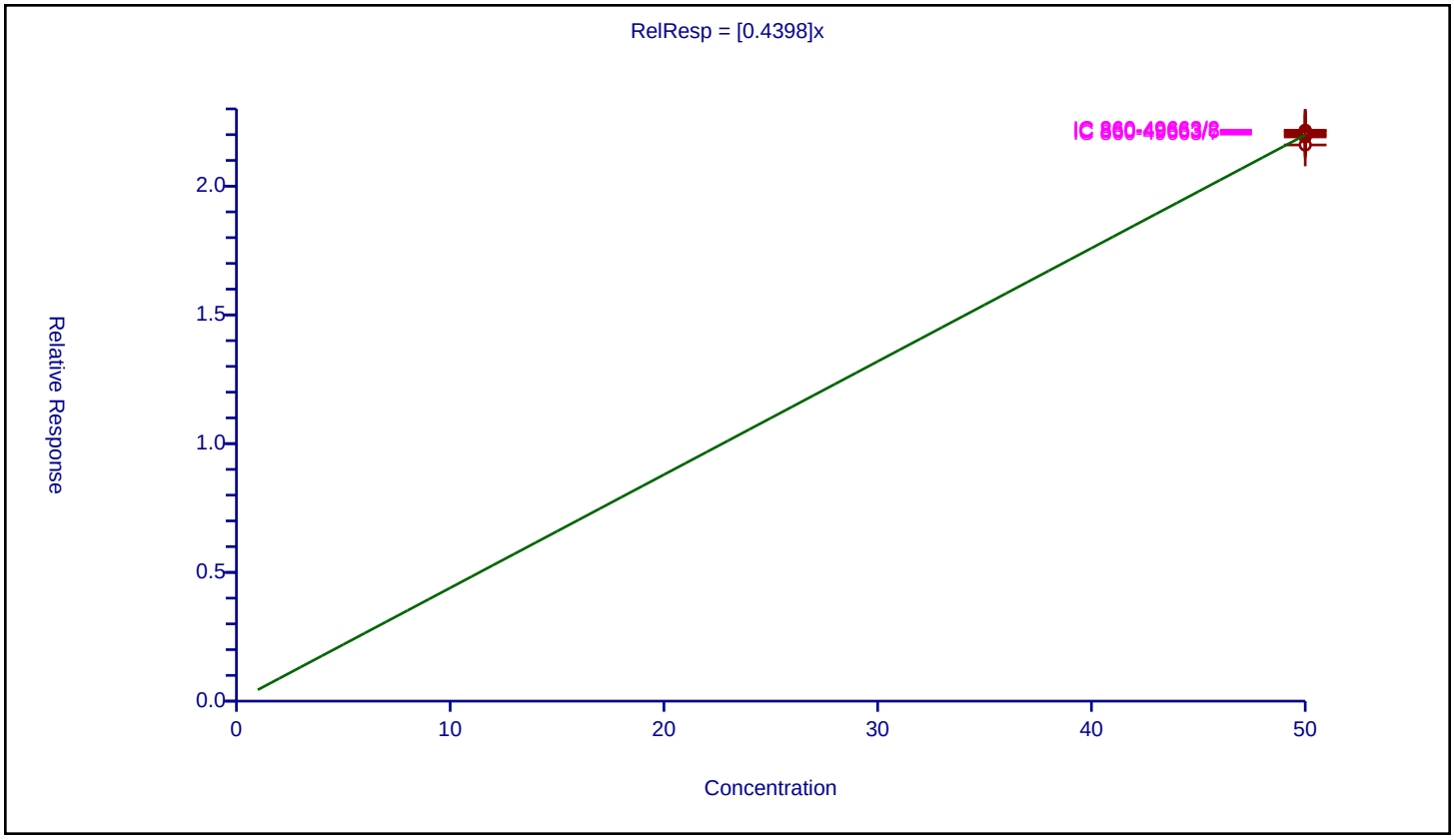
Curve Coefficients

Intercept:	0
Slope:	0.4398

Error Coefficients

Standard Error:	152000
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 860-49663/2	50.0	22.168679	50.0	318226.0	0.443374	Y
2	IC 860-49663/3	50.0	21.972714	50.0	324416.0	0.439454	Y
3	IC 860-49663/4	50.0	21.910807	50.0	324130.0	0.438216	Y
4	IC 860-49663/5	50.0	21.599699	50.0	320604.0	0.431994	Y
5	IC 860-49663/6	50.0	22.094232	50.0	320337.0	0.441885	Y
6	IC 860-49663/7	50.0	22.019176	50.0	318100.0	0.440384	Y
7	IC 860-49663/8	50.0	22.153301	50.0	321302.0	0.443066	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

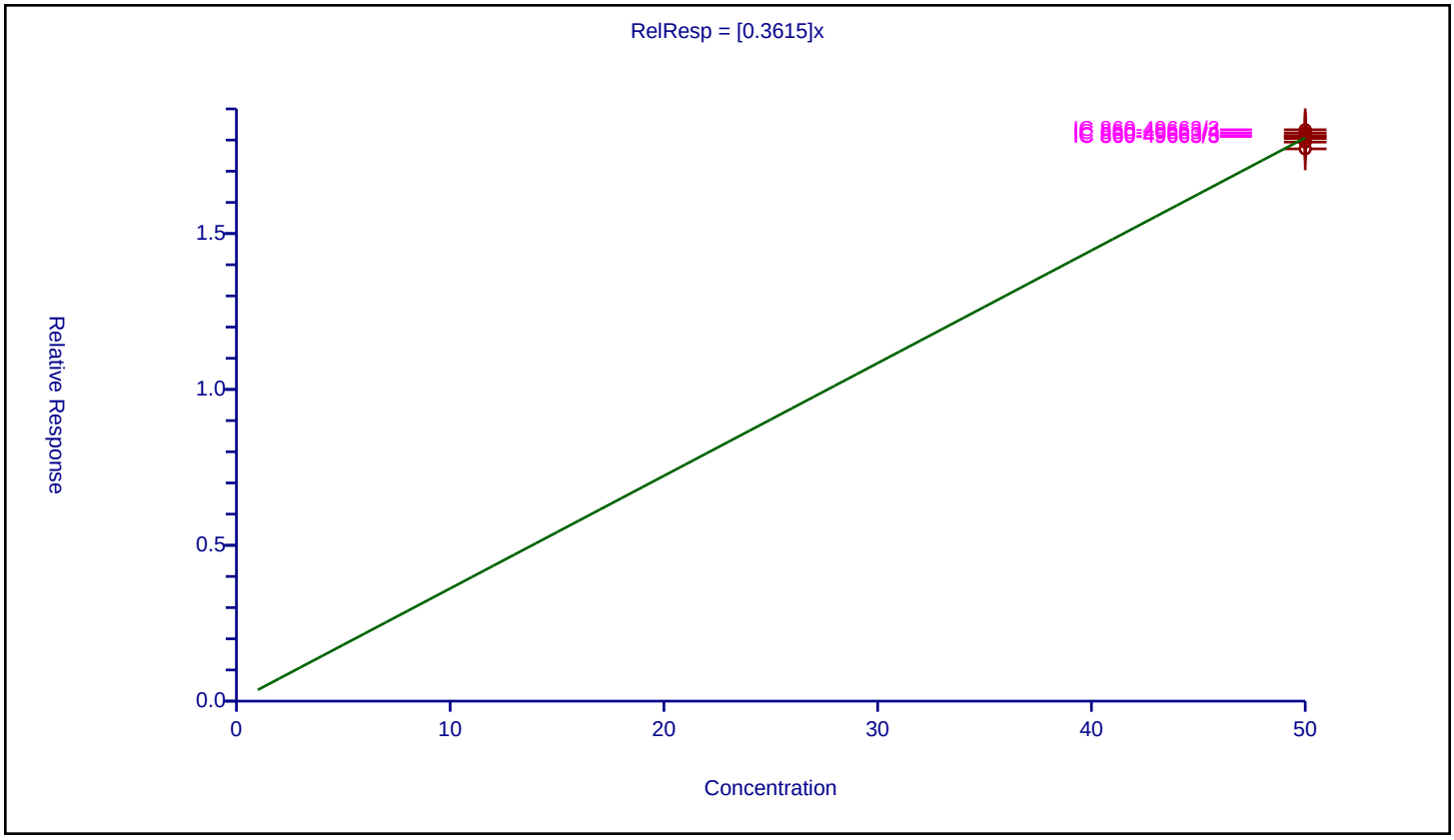
Curve Coefficients

Intercept:	0
Slope:	0.3615

Error Coefficients

Standard Error:	180000
Relative Standard Error:	1.1
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49663/2	50.0	18.046832	50.0	455839.0	0.360937	Y
2	IC 860-49663/3	50.0	18.330905	50.0	461292.0	0.366618	Y
3	IC 860-49663/4	50.0	18.227667	50.0	463079.0	0.364553	Y
4	IC 860-49663/5	50.0	18.141896	50.0	459759.0	0.362838	Y
5	IC 860-49663/6	50.0	17.934838	50.0	461833.0	0.358697	Y
6	IC 860-49663/7	50.0	17.717514	50.0	462452.0	0.35435	Y
7	IC 860-49663/8	50.0	18.113663	50.0	468983.0	0.362273	Y



Calibration / 2-Methyltetrahydrofuran

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

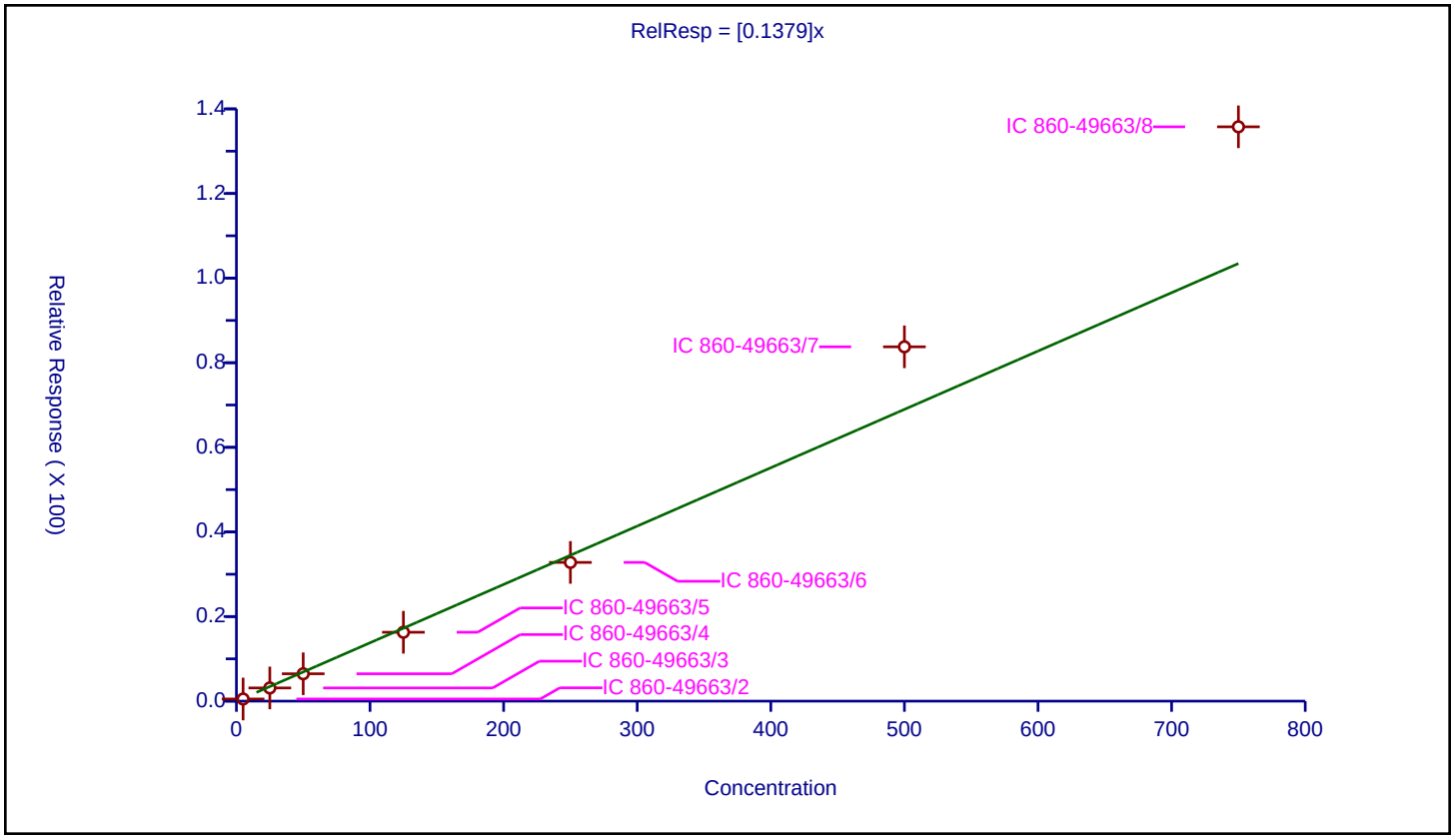
Curve Coefficients

Intercept:	0
Slope:	0.1379

Error Coefficients

Standard Error:	624000
Relative Standard Error:	19.7
Correlation Coefficient:	0.991
Coefficient of Determination (Adjusted):	0.962

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49663/2	5.0	0.506319	50.0	455839.0	0.101264	Y
2	IC 860-49663/3	25.0	3.121017	50.0	461292.0	0.124841	Y
3	IC 860-49663/4	50.0	6.47179	50.0	463079.0	0.129436	Y
4	IC 860-49663/5	125.0	16.2819	50.0	459759.0	0.130255	Y
5	IC 860-49663/6	250.0	32.792914	50.0	461833.0	0.131172	Y
6	IC 860-49663/7	500.0	83.756909	50.0	462452.0	0.167514	Y
7	IC 860-49663/8	750.0	135.763876	50.0	468983.0	0.181019	Y



Calibration / Tetrahydropyran

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

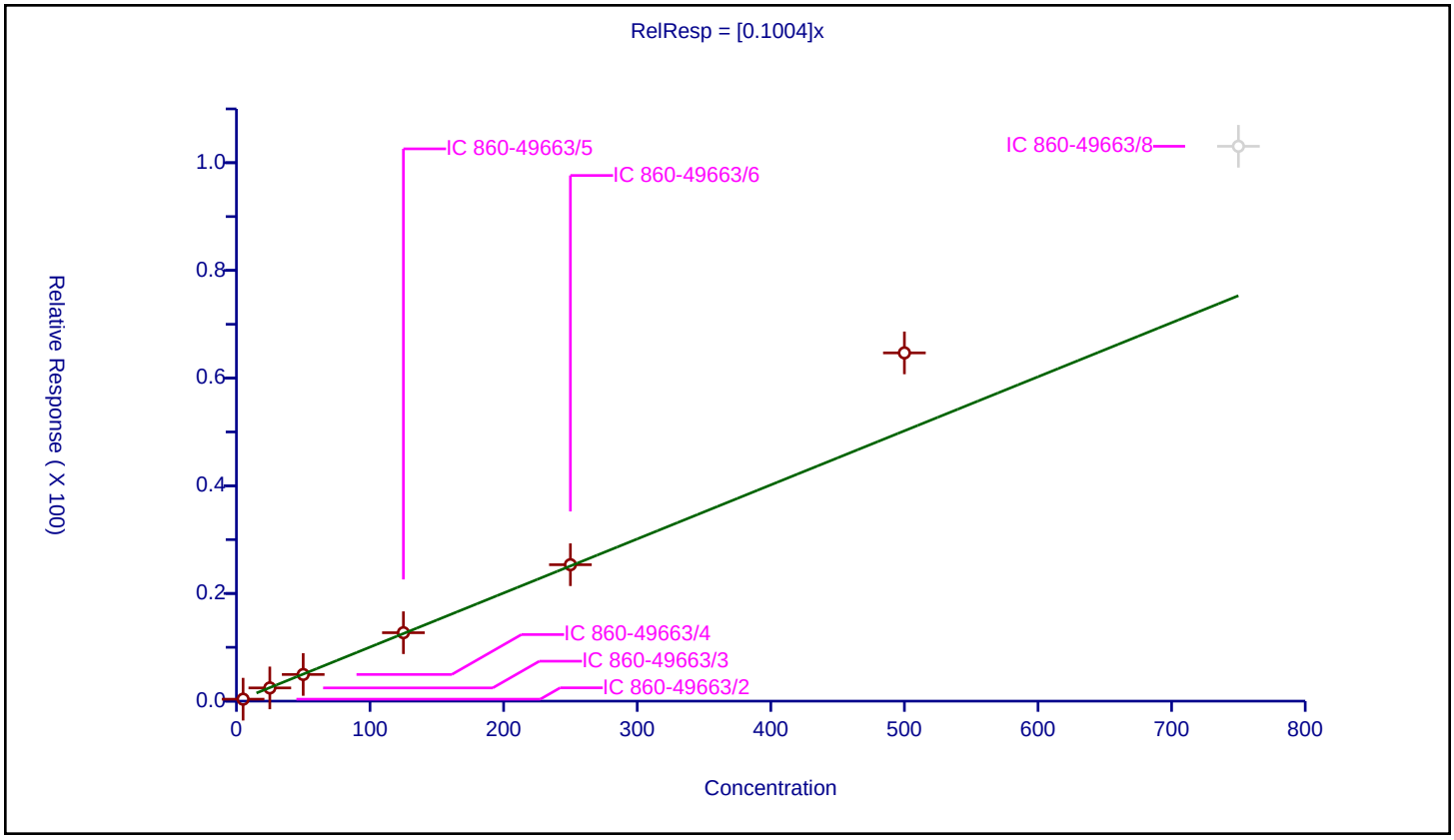
Curve Coefficients

Intercept:	0
Slope:	0.1004

Error Coefficients

Standard Error:	293000
Relative Standard Error:	17.9
Correlation Coefficient:	0.988
Coefficient of Determination (Adjusted):	0.968

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49663/2	5.0	0.364054	50.0	455839.0	0.072811	Y
2	IC 860-49663/3	25.0	2.454736	50.0	461292.0	0.098189	Y
3	IC 860-49663/4	50.0	4.952395	50.0	463079.0	0.099048	Y
4	IC 860-49663/5	125.0	12.710572	50.0	459759.0	0.101685	Y
5	IC 860-49663/6	250.0	25.338813	50.0	461833.0	0.101355	Y
6	IC 860-49663/7	500.0	64.682497	50.0	462452.0	0.129365	Y
7	IC 860-49663/8	750.0	103.054482	50.0	468983.0	0.137406	N



Calibration / 2-Methyltetrahydropyran

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

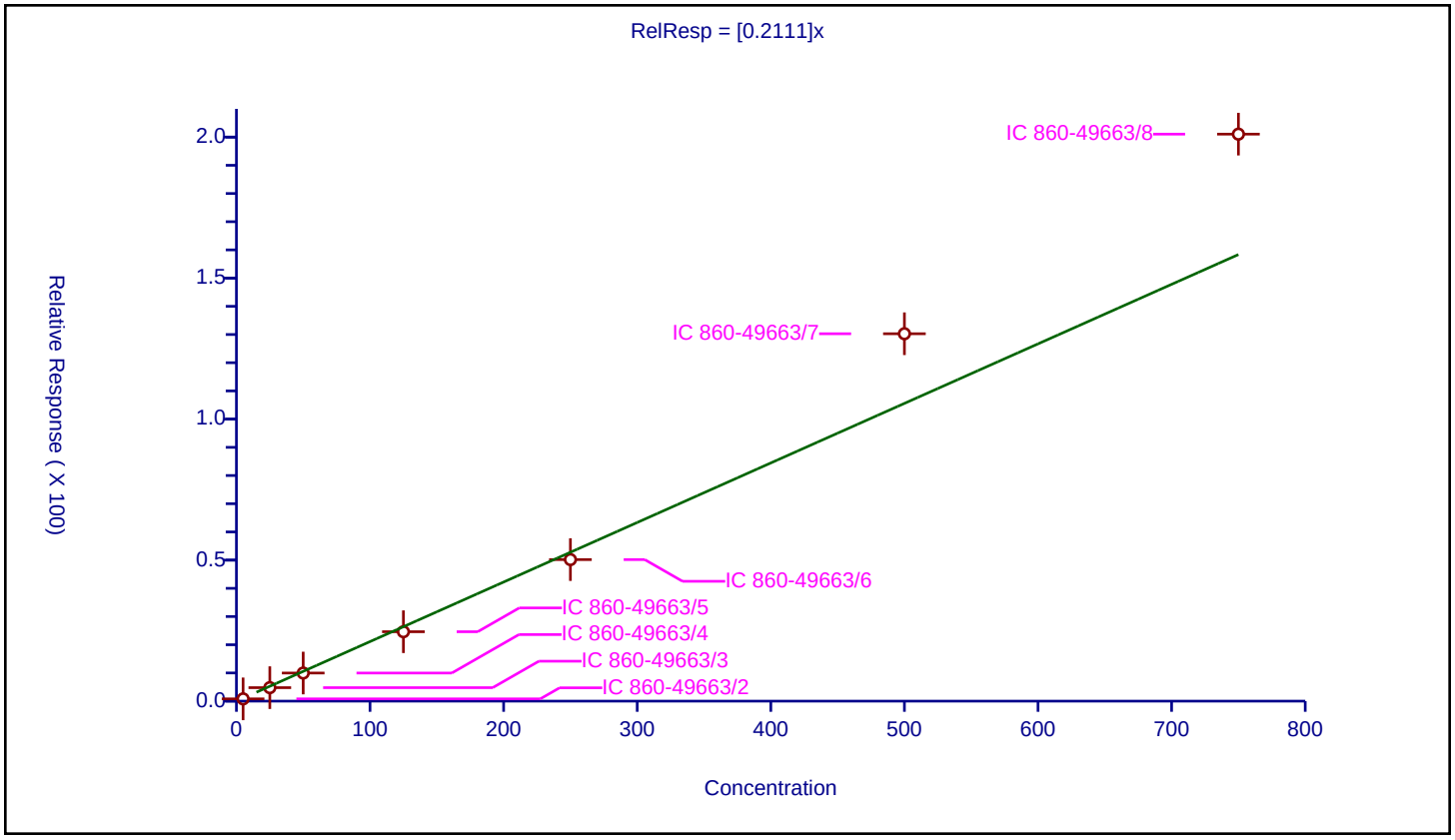
Curve Coefficients

Intercept:	0
Slope:	0.2111

Error Coefficients

Standard Error:	837000
Relative Standard Error:	18.4
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.966

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49663/2	5.0	0.805745	50.0	396031.0	0.161149	Y
2	IC 860-49663/3	25.0	4.780884	50.0	402070.0	0.191235	Y
3	IC 860-49663/4	50.0	9.965519	50.0	405734.0	0.19931	Y
4	IC 860-49663/5	125.0	24.612108	50.0	403334.0	0.196897	Y
5	IC 860-49663/6	250.0	50.189652	50.0	404424.0	0.200759	Y
6	IC 860-49663/7	500.0	130.272036	50.0	404028.0	0.260544	Y
7	IC 860-49663/8	750.0	201.046078	50.0	422244.0	0.268061	Y



Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

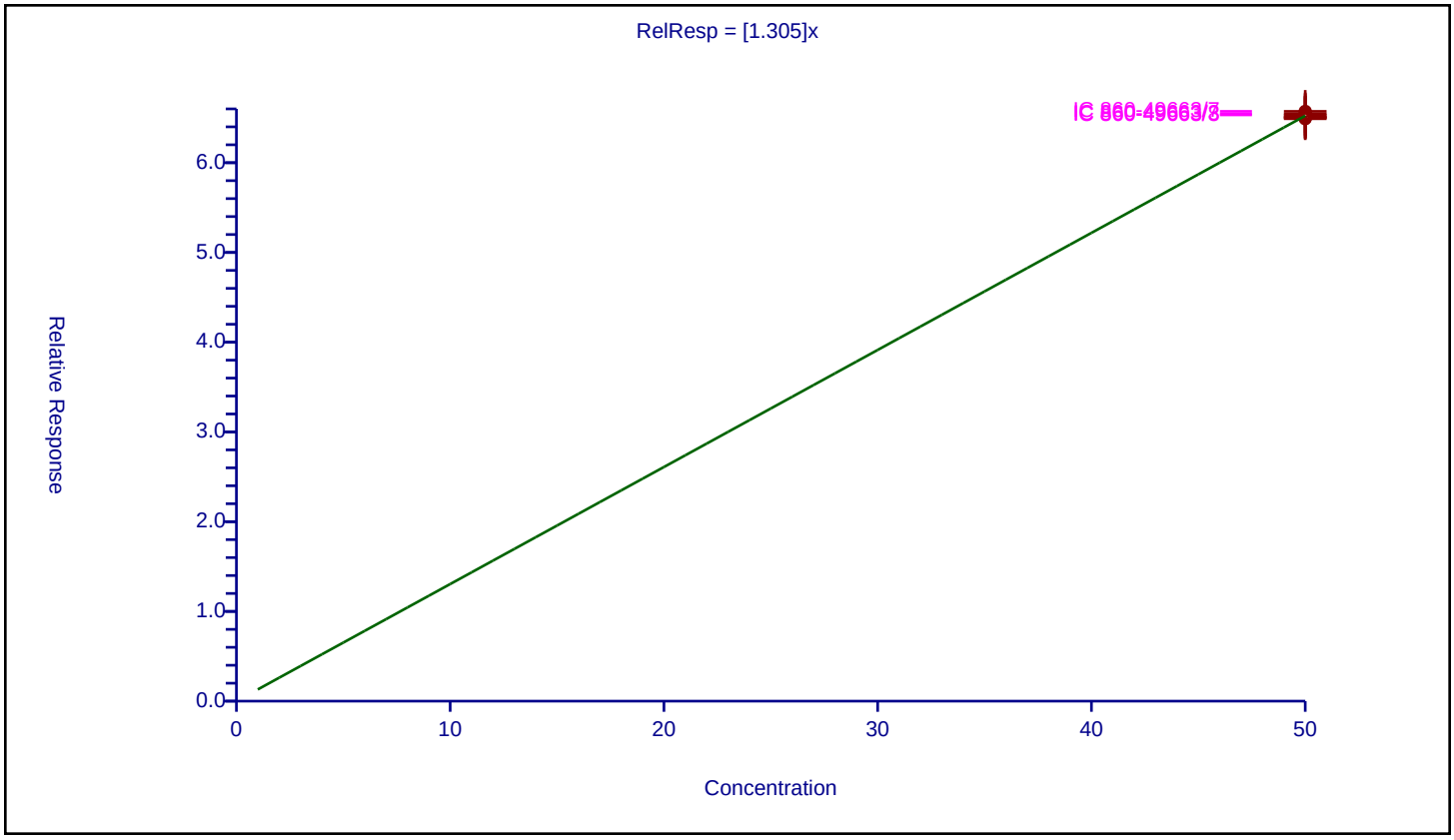
Curve Coefficients

Intercept:	0
Slope:	1.305

Error Coefficients

Standard Error:	571000
Relative Standard Error:	0.4
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49663/2	50.0	65.005265	50.0	396031.0	1.300105	Y
2	IC 860-49663/3	50.0	65.441963	50.0	402070.0	1.308839	Y
3	IC 860-49663/4	50.0	65.125427	50.0	405734.0	1.302509	Y
4	IC 860-49663/5	50.0	64.902413	50.0	403334.0	1.298048	Y
5	IC 860-49663/6	50.0	65.069828	50.0	404424.0	1.301397	Y
6	IC 860-49663/7	50.0	65.724405	50.0	404028.0	1.314488	Y
7	IC 860-49663/8	50.0	65.329407	50.0	422244.0	1.306588	Y



Calibration / 4-Bromofluorobenzene (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

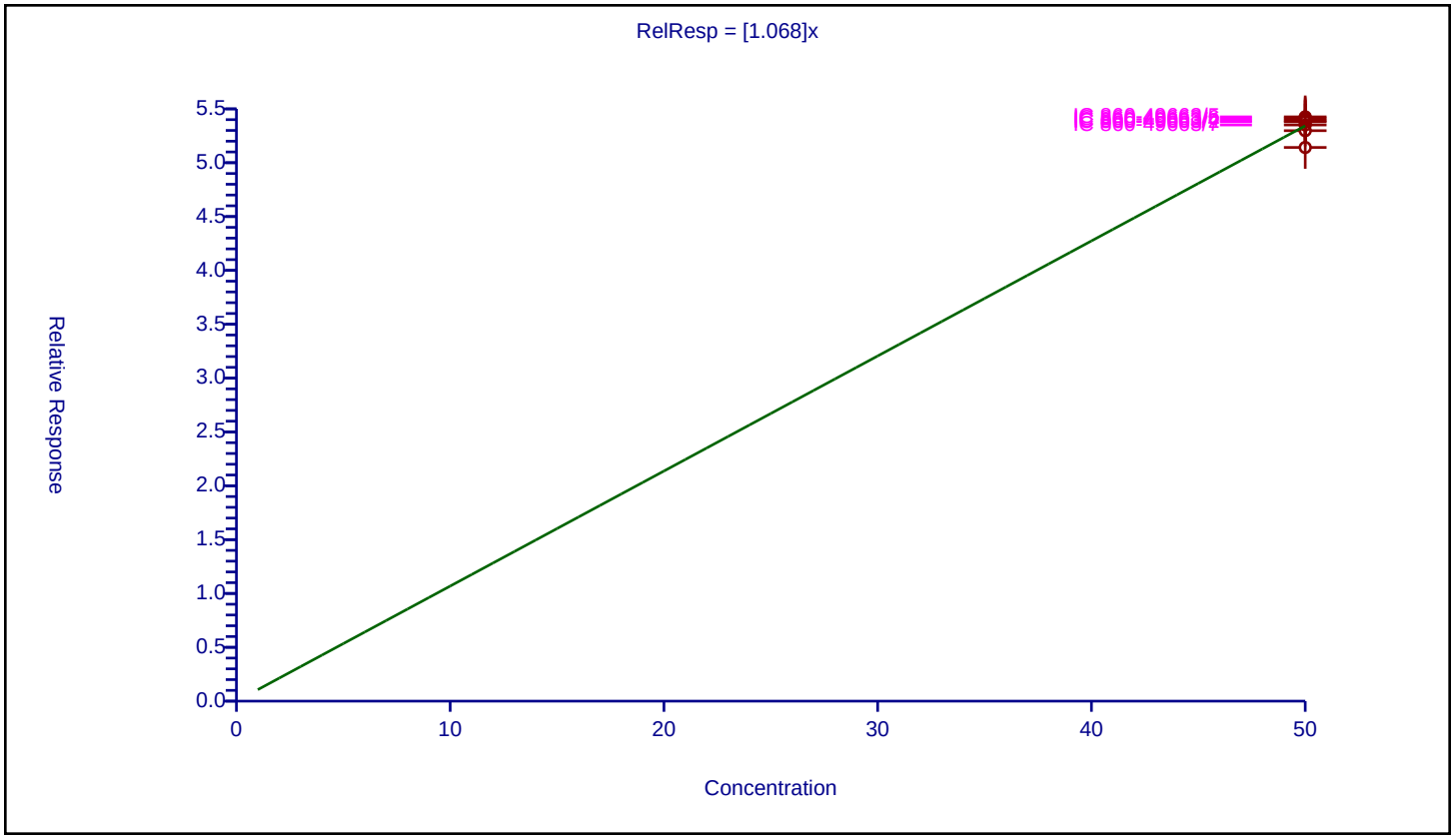
Curve Coefficients

Intercept:	0
Slope:	1.068

Error Coefficients

Standard Error:	199000
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 860-49663/2	50.0	53.801905	50.0	165759.0	1.076038	Y
2	IC 860-49663/3	50.0	51.418935	50.0	175977.0	1.028379	Y
3	IC 860-49663/4	50.0	53.901854	50.0	174353.0	1.078037	Y
4	IC 860-49663/5	50.0	54.261534	50.0	168085.0	1.085231	Y
5	IC 860-49663/6	50.0	54.097057	50.0	168560.0	1.081941	Y
6	IC 860-49663/7	50.0	53.506078	50.0	170618.0	1.070122	Y
7	IC 860-49663/8	50.0	52.977539	50.0	183205.0	1.059551	Y



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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Houston Job No.: 860-24865-1 Analy Batch No.: 47061

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2022 09:06 Calibration End Date: 03/31/2022 11:50 Calibration ID: 2817

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-47061/2	E03312207.D
Level 2	IC 860-47061/3	E03312208.D
Level 3	IC 860-47061/4	E03312209.D
Level 4	IC 860-47061/5	E03312210.D
Level 5	ICIS 860-47061/6	E03312211.D
Level 6	IC 860-47061/7	E03312213.D
Level 7	IC 860-47061/8	E03312215.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	+++++ 0.0479	0.1150 0.0415	0.0755	0.0517	0.0521	Lin1	0.3586	0.0415				8.4			0.9940		0.9900
Dichlorodifluoromethane	0.3282 0.3956	0.3667 0.3740	0.3330	0.3914	0.4024	Ave		0.3702				8.0		20.0			
Chloromethane	0.5181 0.6243	0.5684 0.5937	0.5637	0.5873	0.6127	Ave		0.5812				6.1		20.0			
Vinyl chloride	0.4011 0.4892	0.4714 0.4727	0.4589	0.4821	0.4864	Ave		0.4660				6.5		20.0			
1,3-Butadiene	0.2921 0.4094	0.4163 0.3915	0.3699	0.4066	0.4101	Ave		0.3851				11.4		20.0			
Ethylene oxide	0.1190 0.1139	0.1330 0.0942	0.1341	0.1456	0.1187	Ave		0.1227				13.7		20.0			
Bromomethane	0.2838 0.2362	0.3236 0.2126	0.3121	0.3035	0.2681	Ave		0.2771				14.8		20.0			
Chloroethane	0.2239 0.2670	0.2543 0.2468	0.2764	0.2800	0.2789	Ave		0.2610				7.9		20.0			
Dichlorofluoromethane	0.5918 0.7243	0.7190 0.6935	0.7158	0.7453	0.7413	Lin1	-0.055	0.7152				5.3			0.9990		0.9900
Trichlorofluoromethane	0.4872 0.5391	0.5266 0.5176	0.4866	0.5462	0.5485	Ave		0.5217				5.0		20.0			
Diethyl ether	0.3196 0.3730	0.3212 0.3507	0.3459	0.3566	0.3672	Ave		0.3477				6.0		20.0			
Acrolein	0.0455 0.0560	0.0483 0.0525	0.0515	0.0559	0.0546	Ave		0.0520				7.6		20.0			
1,1-Dichloroethene	0.2796 0.3150	0.2948 0.2911	0.3004	0.2942	0.3078	Ave		0.2976				3.9		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 Houston Job No.: 860-24865-1 Analy Batch No.: 47061

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2022 09:06 Calibration End Date: 03/31/2022 11:50 Calibration ID: 2817

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								
1,1,2-Trichloro-1,2,2-trifluoroethane	0.2043 0.2447	0.2252 0.2195	0.2341	0.2286	0.2458	Ave		0.2289				6.4		20.0			
Acetone	0.0465 0.0407	0.0414 0.0385	0.0385	0.0427	0.0417	Ave		0.0414				6.6		20.0			
Iodomethane (Methyl Iodide)	0.3159 0.3877	0.3373 0.3520	0.3461	0.3627	0.3695	Ave		0.3530				6.6		20.0			
Carbon disulfide	0.9859 1.1028	1.0615 1.0165	1.0623	1.0561	1.0949	Ave		1.0543				3.9		20.0			
Isopropyl alcohol	0.0296 0.0275	0.0267 0.0260	0.0246	0.0300	0.0306	Ave		0.0279				8.1		20.0			
Acetonitrile	0.0368 0.0399	0.0374 0.0380	0.0369	0.0405	0.0409	Ave		0.0386				4.5		20.0			
Allyl Chloride (3-Chloropropene)	0.1899 0.2317	0.2120 0.2153	0.2022	0.2191	0.2227	Ave		0.2133				6.5		20.0			
Methyl acetate	0.3342 0.3898	0.3574 0.3676	0.3548	0.3949	0.3868	Ave		0.3694				6.0		20.0			
Methylene Chloride	0.4346 0.4300	0.4261 0.3952	0.4205	0.4110	0.4247	Ave		0.4203				3.2		20.0			
tert-Butyl alcohol	0.0473 0.0445	0.0433 0.0435	0.0393	0.0489	0.0492	Ave		0.0451				7.9		20.0			
Acrylonitrile	0.1673 0.1844	0.1733 0.1729	0.1710	0.1878	0.1852	Ave		0.1774				4.6		20.0			
trans-1,2-Dichloroethene	0.3023 0.3688	0.3411 0.3427	0.3402	0.3468	0.3643	Ave		0.3437				6.3		20.0			
MTBE	1.1816 1.2878	1.2211 1.2011	1.2333	1.2874	1.2886	Ave		1.2430				3.6		20.0			
n-Hexane	0.4029 0.4824	0.4465 0.4360	0.4546	0.4520	0.4780	Ave		0.4503				5.9		20.0			
1,1-Dichloroethane	0.6182 0.7971	0.7255 0.7402	0.7403	0.7605	0.7620	Ave		0.7348				7.7		20.0			
Vinyl acetate	1.2192 1.3238	1.3027 1.2134	1.3018	1.3703	1.3668	Ave		1.2997				4.9		20.0			
Isopropyl ether	1.2620 1.5106	1.4821 1.4177	1.4774	1.5045	1.5344	Ave		1.4555				6.4		20.0			
Chloroprene	0.5467 0.6123	0.5911 0.5666	0.5835	0.5856	0.6200	Ave		0.5865				4.3		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
CURVE EVALUATION

Lab Name: Eurofins Houston Job No.: 860-24865-1 Analy Batch No.: 47061

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2022 09:06 Calibration End Date: 03/31/2022 11:50 Calibration ID: 2817

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								
Ethyl tert-butyl ether	1.2911 1.4141	1.3487 1.3354	1.3490	1.3829	1.4222	Ave		1.3633				3.4		20.0			
2,2-Dichloropropane	0.5210 0.6212	0.6210 0.5771	0.5977	0.6073	0.6232	Ave		0.5955				6.2		20.0			
cis-1,2-Dichloroethene	0.6167 0.7282	0.6947 0.6806	0.6975	0.6958	0.7221	Ave		0.6908				5.3		20.0			
2-Butanone	0.0578 0.0547	0.0538 0.0517	0.0516	0.0571	0.0564	Ave		0.0547				4.6		20.0			
Propane Nitrile (Propionitrile)	0.0606 0.0678	0.0638 0.0642	0.0627	0.0701	0.0695	Ave		0.0655				5.5		20.0			
Ethyl acetate	0.5505 0.5460	0.5107 0.5155	0.5128	0.5716	0.5554	Ave		0.5375				4.5		20.0			
Bromochloromethane	0.2796 0.3089	0.3032 0.2763	0.2973	0.3012	0.3061	Ave		0.2961				4.4		20.0			
Methacrylonitrile	0.1919 0.2051	0.1959 0.1916	0.1956	0.2116	0.2094	Ave		0.2002				4.2		20.0			
Tetrahydrofuran	0.2007 0.1597	0.1435 0.1497	0.1404	0.1669	0.1633	Ave		0.1606				12.6		20.0			
Chloroform	0.5950 0.7613	0.7383 0.7105	0.7373	0.7367	0.7648	Ave		0.7205				8.1		20.0			
1,1,1-Trichloroethane	0.5206 0.6159	0.5818 0.5754	0.5858	0.5828	0.6121	Ave		0.5821				5.4		20.0			
Cyclohexane	+++++ 0.4859	0.7351 0.4469	0.6094	0.5047	0.5005	Ave		0.5471				19.5		20.0			
1,1-Dichloropropene	0.4706 0.5405	0.5029 0.5086	0.5027	0.5103	0.5337	Ave		0.5099				4.5		20.0			
Carbon tetrachloride	0.2807 0.4506	0.3667 0.4288	0.3811	0.3965	0.4348	Ave		0.3913				14.7		20.0			
Isobutanol	0.0148 0.0144	0.0139 0.0143	0.0126	0.0155	0.0157	Ave		0.0145				7.2		20.0			
Benzene	0.9986 1.1210	1.0793 1.0482	1.0753	1.0734	1.1128	Ave		1.0727				3.8		20.0			
1,2-Dichloroethane	0.3732 0.4229	0.4028 0.3968	0.3996	0.4118	0.4222	Ave		0.4042				4.3		20.0			
2,2,4-Trimethylpentane	0.5810 0.7028	0.6742 0.6492	0.6855	0.6747	0.7108	Ave		0.6683				6.5		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 Houston Job No.: 860-24865-1 Analy Batch No.: 47061

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2022 09:06 Calibration End Date: 03/31/2022 11:50 Calibration ID: 2817

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								
Tert-amyl methyl ether	0.6853 0.8170	0.7752 0.7749	0.7857	0.8211	0.8196	Ave		0.7827				6.1		20.0			
n-Butanol	0.0204 0.0183	0.0178 0.0183	0.0155	0.0193	0.0206	Ave		0.0186				9.2		20.0			
Trichloroethene	0.2345 0.2676	0.2521 0.2511	0.2448	0.2513	0.2608	Ave		0.2518				4.2		20.0			
Methylcyclohexane	0.3585 0.3909	0.3650 0.3618	0.3653	0.3712	0.3913	Ave		0.3720				3.7		20.0			
1,2-Dichloropropane	0.2990 0.3472	0.3321 0.3263	0.3318	0.3324	0.3423	Ave		0.3301				4.7		20.0			
Dibromomethane	0.1999 0.2008	0.1949 0.1925	0.1879	0.1946	0.1996	Ave		0.1958				2.4		20.0			
Methyl methacrylate	0.1956 0.2389	0.2175 0.2266	0.2174	0.2432	0.2422	Ave		0.2259				7.6		20.0			
1,4-Dioxane (P-Dioxane)	+++++ 0.0028	0.0023 0.0029	0.0025	0.0030	0.0033	Ave		0.0028				13.0		20.0			
Bromodichloromethane	0.3499 0.4048	0.3786 0.3809	0.3725	0.3830	0.3994	Ave		0.3813				4.7		20.0			
2-Chloroethyl vinyl ether	0.2040 0.2184	0.2055 0.2090	0.2015	0.2128	0.2174	Ave		0.2098				3.1		20.0			
Epichlorohydrin	0.0276 0.0321	0.0287 0.0307	0.0283	0.0322	0.0321	Ave		0.0302				6.6		20.0			
cis-1,3-Dichloropropene	0.4199 0.5300	0.4974 0.5006	0.4868	0.5042	0.5264	Ave		0.4950				7.4		20.0			
4-Methyl-2-pentanone	0.3256 0.3271	0.3204 0.3052	0.3158	0.3518	0.3424	Ave		0.3269				4.8		20.0			
Toluene	0.6753 0.7593	0.7369 0.7145	0.7368	0.7306	0.7555	Ave		0.7298				3.9		20.0			
trans-1,3-Dichloropropene	0.4624 0.5505	0.5068 0.5225	0.5155	0.5282	0.5378	Ave		0.5177				5.5		20.0			
Ethyl methacrylate	0.4609 0.4892	0.4688 0.4628	0.4701	0.4950	0.4893	Ave		0.4766				3.0		20.0			
1,1,2-Trichloroethane	0.2492 0.2759	0.2599 0.2619	0.2635	0.2742	0.2738	Ave		0.2655				3.7		20.0			
Tetrachloroethene	0.2052 0.2374	0.2213 0.2225	0.2261	0.2238	0.2297	Ave		0.2237				4.4		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 Houston Job No.: 860-24865-1 Analy Batch No.: 47061

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2022 09:06 Calibration End Date: 03/31/2022 11:50 Calibration ID: 2817

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-Dichloropropane	0.4695 0.5217	0.5032 0.4952	0.4953	0.5155	0.5161	Ave		0.5023				3.6		20.0			
2-Hexanone	0.2556 0.2561	0.2562 0.2400	0.2455	0.2775	0.2651	Ave		0.2566				4.8		20.0			
Dibromochloromethane	0.3120 0.3490	0.3264 0.3323	0.3300	0.3372	0.3447	Ave		0.3331				3.7		20.0			
1,2-Dibromoethane	0.3066 0.3241	0.3166 0.3094	0.3078	0.3177	0.3196	Ave		0.3146				2.1		20.0			
1-Chlorohexane	0.7968 0.2936	0.3710 0.2717	0.3185	0.2911	0.2903	Lin1	0.5082	0.2762				3.7			0.9990		0.9900
Chlorobenzene	0.7241 0.8494	0.8241 0.7981	0.8219	0.8283	0.8376	Ave		0.8119				5.1		20.0			
1,1,1,2-Tetrachloroethane	0.2711 0.3183	0.2963 0.3036	0.3012	0.3088	0.3163	Ave		0.3022				5.2		20.0			
Ethylbenzene	1.2114 1.4273	1.3563 1.3388	1.3747	1.3852	1.4154	Ave		1.3585				5.3		20.0			
m,p-Xylenes	0.9831 1.1321	1.0780 1.0562	1.0732	1.0983	1.1202	Ave		1.0773				4.6		20.0			
o-Xylene	1.0033 1.1955	1.1370 1.1170	1.1546	1.1506	1.1733	Ave		1.1330				5.5		20.0			
Styrene	0.8355 0.9497	0.9074 0.8869	0.9175	0.9150	0.9390	Ave		0.9073				4.2		20.0			
Bromoform	0.1944 0.2430	0.2246 0.2354	0.2230	0.2365	0.2406	Ave		0.2282				7.3		20.0			
Isopropylbenzene	1.1569 1.3275	1.2759 1.2454	1.2790	1.2826	1.3141	Ave		1.2688				4.4		20.0			
cis-1,4-Dichloro-2-butene	0.1340 0.1347	0.1130 0.1280	0.1156	0.1348	0.1313	Ave		0.1273				7.3		20.0			
Cyclohexanone	0.0199 0.0178	0.0185 0.0174	0.0167	0.0200	0.0199	Ave		0.0186				7.3		20.0			
1,1,2,2-Tetrachloroethane	0.7318 0.7929	0.8191 0.7344	0.7932	0.8288	0.8109	Ave		0.7873				5.0		20.0			
Bromobenzene	0.6627 0.7368	0.7219 0.6868	0.7411	0.7298	0.7389	Ave		0.7169				4.2		20.0			
1,2,3-Trichloropropane	0.8423 0.9759	0.9112 0.9182	0.9569	1.0872	1.0634	Ave		0.9650				9.0		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

Released to Imaging: 3/4/2024 2:02:33 PM

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Houston Job No.: 860-24865-1 Analy Batch No.: 47061

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2022 09:06 Calibration End Date: 03/31/2022 11:50 Calibration ID: 2817

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-1,4-Dichloro-2-butene	0.2007 0.2350	0.2230 0.2196	0.2158	0.2362	0.2380	Ave		0.2240				6.0		20.0			
N-Propylbenzene	2.7745 3.1247	3.1391 2.8938	3.2013	3.1303	3.1510	Ave		3.0593				5.2		20.0			
2-Chlorotoluene	2.0960 2.2397	2.2012 2.0702	2.2794	2.2445	2.2440	Ave		2.1964				3.7		20.0			
4-Ethyltoluene	2.3198 2.5247	2.5168 2.3315	2.5775	2.5047	2.5368	Ave		2.4731				4.2		20.0			
1,3,5-Trimethylbenzene	2.0996 2.2724	2.3292 2.1140	2.3632	2.2986	2.2967	Ave		2.2534				4.6		20.0			
4-Chlorotoluene	2.0975 2.2749	2.2139 2.0991	2.2984	2.2848	2.2889	Ave		2.2225				4.0		20.0			
Alpha Methyl Styrene	0.3791 0.6257	0.5276 0.5689	0.6057	0.5303	0.5665	Ave		0.5434				14.9		20.0			
tert-Butylbenzene	1.6189 1.8120	1.8330 1.6949	1.8704	1.8249	1.8278	Ave		1.7831				5.1		20.0			
1,2,4-Trimethylbenzene	1.9744 2.3249	2.3477 2.1687	2.3888	2.3459	2.3435	Ave		2.2705				6.5		20.0			
sec-Butylbenzene	2.3591 2.5894	2.5979 2.4174	2.6210	2.5921	2.6134	Ave		2.5415				4.2		20.0			
1,3-Dichlorobenzene	1.1782 1.2849	1.3007 1.2019	1.2992	1.2709	1.2930	Ave		1.2613				4.0		20.0			
p-Cymene (p-Isopropyltoluene)	2.1573 2.2341	2.2399 2.0948	2.2912	2.2449	2.2544	Ave		2.2167				3.0		20.0			
1,4-Dichlorobenzene	1.1932 1.2929	1.3151 1.2145	1.3206	1.2936	1.3062	Ave		1.2766				4.0		20.0			
Dicyclopentadiene	2.7366 2.9019	3.0791 2.6949	3.0830	2.9989	2.9770	Ave		2.9245				5.3		20.0			
Benzyl chloride	0.2426 0.2604	0.2573 0.2423	0.2457	0.2704	0.2584	Ave		0.2538				4.2		20.0			
n-Butylbenzene	1.8801 2.1161	2.0540 1.9762	2.1187	2.0816	2.1070	Ave		2.0477				4.4		20.0			
1,2-Dichlorobenzene	1.0954 1.2244	1.2349 1.1599	1.2303	1.2260	1.2349	Ave		1.2008				4.5		20.0			
1,2-Dibromo-3-Chloropropane	0.1331 0.1443	0.1432 0.1431	0.1318	0.1500	0.1478	Ave		0.1419				4.9		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

Received by OCD: 3/30/2023 11:30:39 AM

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Houston Job No.: 860-24865-1 Analy Batch No.: 47061

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2022 09:06 Calibration End Date: 03/31/2022 11:50 Calibration ID: 2817

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	0.6623 0.7655	0.6978 0.7421	0.6888	0.7476	0.7741	Ave		0.7254				5.9		20.0			
Hexachlorobutadiene	0.2886 0.3398	0.3245 0.3242	0.3330	0.3356	0.3448	Ave		0.3272				5.7		20.0			
Naphthalene	1.4930 1.5183	1.4880 1.5394	1.3941	1.6181	1.6813	Ave		1.5332				6.1		20.0			
1,2,3-Trichlorobenzene	0.5576 0.5869	0.5592 0.5902	0.5407	0.5992	0.6306	Ave		0.5806				5.2		20.0			
2-Methylnaphthalene	0.4269 0.4137	0.4076 0.4773	0.3493	0.4699	0.5442	Ave		0.4413				14.1		20.0			
1-Methylnaphthalene	0.3411 0.3107	0.3229 0.3634	0.2628	0.3730	0.4275	Ave		0.3431				15.2		20.0			
Dibromofluoromethane (Surr)	0.4763 0.4776	0.4819 0.4773	0.4796	0.4809	0.4800	Ave		0.4791				0.4		20.0			
1,2-Dichloroethane-d4 (Surr)	0.3803 0.3762	0.3878 0.3723	0.3835	0.3842	0.3793	Ave		0.3805				1.4		20.0			
Toluene-d8 (Surr)	1.3787 1.3643	1.3846 1.3549	1.3823	1.3768	1.3501	Ave		1.3703				1.0		20.0			
4-Bromofluorobenzene (Surr)	1.0820 1.0322	1.0787 1.0123	1.0872	1.0704	1.0504	Ave		1.0590				2.7		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
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Houston Job No.: 860-24865-1 Analy Batch No.: 47061

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2022 09:06 Calibration End Date: 03/31/2022 11:50 Calibration ID: 2817

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-47061/2	E03312207.D
Level 2	IC 860-47061/3	E03312208.D
Level 3	IC 860-47061/4	E03312209.D
Level 4	IC 860-47061/5	E03312210.D
Level 5	ICIS 860-47061/6	E03312211.D
Level 6	IC 860-47061/7	E03312213.D
Level 7	IC 860-47061/8	E03312215.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	+++++ 67252	8174 86472	10707	17927	35982	+++++ 100	5.00 150	10.0	25.0	50.0
Dichlorodifluoromethane	PFB	Ave	4804 555460	26054 778948	47224	135612	277836	1.00 100	5.00 150	10.0	25.0	50.0
Chloromethane	PFB	Ave	7583 876558	40384 1236524	79938	203504	423041	1.00 100	5.00 150	10.0	25.0	50.0
Vinyl chloride	PFB	Ave	5870 686895	33493 984598	65069	167055	335807	1.00 100	5.00 150	10.0	25.0	50.0
1,3-Butadiene	PFB	Ave	4275 574779	29580 815340	52454	140888	283130	1.00 100	5.00 150	10.0	25.0	50.0
Ethylene oxide	PFB	Ave	8711 799594	47251 980934	95082	252341	409828	5.00 500	25.0 750	50.0	125	250
Bromomethane	PFB	Ave	4154 331701	22992 442828	44262	105161	185077	1.00 100	5.00 150	10.0	25.0	50.0
Chloroethane	PFB	Ave	3277 374859	18066 513991	39191	97024	192560	1.00 100	5.00 150	10.0	25.0	50.0
Dichlorofluoromethane	PFB	Lin1	8662 1017047	51085 1444332	101505	258271	511832	1.00 100	5.00 150	10.0	25.0	50.0
Trichlorofluoromethane	PFB	Ave	7130 757007	37418 1078119	69000	189281	378736	1.00 100	5.00 150	10.0	25.0	50.0
Diethyl ether	PFB	Ave	4678 523709	22821 730491	49051	123561	253533	1.00 100	5.00 150	10.0	25.0	50.0
Acrolein	PFB	Ave	3329 393041	17162 546799	36504	96928	188573	5.00 500	25.0 750	50.0	125	250
1,1-Dichloroethene	PFB	Ave	4092 442308	20949 606289	42600	101943	212525	1.00 100	5.00 150	10.0	25.0	50.0

Released to Imaging: 3/4/2024 2:02:33 PM

Received by OCD: 3/30/2023 11:30:39 AM

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RESPONSE AND CONCENTRATION

Lab Name: Eurofins Houston Job No.: 860-24865-1 Analy Batch No.: 47061

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2022 09:06 Calibration End Date: 03/31/2022 11:50 Calibration ID: 2817

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
1,1,2-Trichloro-1,2,2-trifluoroethane	PFB	Ave	2990 343595	16001 457153	33192	79222	169705	1.00 100	5.00 150	10.0	25.0	50.0
Acetone	PFB	Ave	3406 285846	14693 401404	27302	74036	143875	5.00 500	25.0 750	50.0	125	250
Iodomethane (Methyl Iodide)	PFB	Ave	4624 544391	23965 733116	49083	125695	255115	1.00 100	5.00 150	10.0	25.0	50.0
Carbon disulfide	PFB	Ave	14430 1548516	75421 2117109	150642	365952	755967	1.00 100	5.00 150	10.0	25.0	50.0
Isopropyl alcohol	PFB	Ave	4328 386328	18974 541615	34911	104043	211335	10.0 1000	50.0 1500	100	250	500
Acetonitrile	PFB	Ave	5384 560686	26589 790551	52380	140332	282151	10.0 1000	50.0 1500	100	250	500
Allyl Chloride (3-Chloropropene)	PFB	Ave	2779 325339	15065 448372	28675	75910	153788	1.00 100	5.00 150	10.0	25.0	50.0
Methyl acetate	PFB	Ave	9783 1094756	50786 1531117	100633	273692	534188	2.00 200	10.0 300	20.0	50.0	100
Methylene Chloride	PFB	Ave	6361 603714	30272 823176	59624	142404	293197	1.00 100	5.00 150	10.0	25.0	50.0
tert-Butyl alcohol	PFB	Ave	6923 624230	30790 905837	55687	169316	339679	10.0 1000	50.0 1500	100	250	500
Acrylonitrile	PFB	Ave	24484 2589695	123156 3600684	242487	650836	1279030	10.0 1000	50.0 1500	100	250	500
trans-1,2-Dichloroethene	PFB	Ave	4425 517850	24236 713745	48244	120169	251507	1.00 100	5.00 150	10.0	25.0	50.0
MTBE	PFB	Ave	17294 1808265	86760 2501643	174893	446097	889733	1.00 100	5.00 150	10.0	25.0	50.0
n-Hexane	PFB	Ave	5897 677312	31723 908102	64471	156611	330060	1.00 100	5.00 150	10.0	25.0	50.0
1,1-Dichloroethane	PFB	Ave	9048 1119155	51549 1541695	104982	263512	526127	1.00 100	5.00 150	10.0	25.0	50.0
Vinyl acetate	PFB	Ave	89220 9294216	462792 12635988	923044	2374136	4718377	5.00 500	25.0 750	50.0	125	250
Isopropyl ether	PFB	Ave	18471 2121103	105301 2952721	209502	521332	1059394	1.00 100	5.00 150	10.0	25.0	50.0
Chloroprene	PFB	Ave	8001	41996	82743	202912	428092	1.00	5.00	10.0	25.0	50.0

Released to Imaging: 3/4/2024 2:02:33 PM

Received by OCD: 3/30/2023 11:30:39 AM

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RESPONSE AND CONCENTRATION

Lab Name: Eurofins Houston Job No.: 860-24865-1 Analy Batch No.: 47061

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2022 09:06 Calibration End Date: 03/31/2022 11:50 Calibration ID: 2817

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
			859793	1180021				100	150			
Ethyl tert-butyl ether	PFB	Ave	18896 1985512	95824 2781227	191300	479187	981970	1.00 100	5.00 150	10.0	25.0	50.0
2,2-Dichloropropane	PFB	Ave	7625 872262	44123 1201890	84758	210429	430283	1.00 100	5.00 150	10.0	25.0	50.0
cis-1,2-Dichloroethene	PFB	Ave	9026 1022453	49360 1417537	98909	241117	498584	1.00 100	5.00 150	10.0	25.0	50.0
2-Butanone	PFB	Ave	4230 384335	19098 538657	36579	98991	194785	5.00 500	25.0 750	50.0	125	250
Propane Nitrile (Propionitrile)	PFB	Ave	8868 951486	45313 1338068	88949	242949	480102	10.0 1000	50.0 1500	100	250	500
Ethyl acetate	PFB	Ave	16114 1533296	72565 2147498	145431	396109	766896	2.00 200	10.0 300	20.0	50.0	100
Bromochloromethane	PFB	Ave	4092 433763	21541 575497	42165	104377	211312	1.00 100	5.00 150	10.0	25.0	50.0
Methacrylonitrile	PFB	Ave	28084 2880250	139195 3990830	277426	733158	1445513	10.0 1000	50.0 1500	100	250	500
Tetrahydrofuran	PFB	Ave	5876 448562	20397 623544	39821	115663	225456	2.00 200	10.0 300	20.0	50.0	100
Chloroform	PFB	Ave	8708 1068986	52459 1479757	104549	255267	528021	1.00 100	5.00 150	10.0	25.0	50.0
1,1,1-Trichloroethane	PFB	Ave	7619 864860	41335 1198338	83066	201969	422625	1.00 100	5.00 150	10.0	25.0	50.0
Cyclohexane	PFB	Ave	+++++ 682244	52229 930777	86416	174903	345581	+++++ 100	5.00 150	10.0	25.0	50.0
1,1-Dichloropropene	PFB	Ave	6888 758939	35733 1059274	71286	176825	368493	1.00 100	5.00 150	10.0	25.0	50.0
Carbon tetrachloride	PFB	Ave	4108 632718	26056 893101	54039	137401	300169	1.00 100	5.00 150	10.0	25.0	50.0
Isobutanol	DFBZ	Ave	8245 770683	37581 1130924	68063	203972	412747	25.0 2500	125 3750	250	625	1250
Benzene	DFBZ	Ave	22251 2398101	116415 3324375	232500	564560	1171708	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dichloroethane	DFBZ	Ave	8315 904779	43442 1258532	86398	216609	444538	1.00 100	5.00 150	10.0	25.0	50.0
2,2,4-Trimethylpentane	DFBZ	Ave	12945	72719	148232	354891	748390	1.00	5.00	10.0	25.0	50.0

Released to Imaging: 3/4/2024 2:02:33 PM

Received by OCD: 3/30/2023 11:30:39 AM

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RESPONSE AND CONCENTRATION

Lab Name: Eurofins Houston Job No.: 860-24865-1 Analy Batch No.: 47061

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2022 09:06 Calibration End Date: 03/31/2022 11:50 Calibration ID: 2817

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
			1503508	2058924				100	150			
Tert-amyl methyl ether	DFBZ	Ave	15271 1747706	83614 2457744	169897	431856	862943	1.00 100	5.00 150	10.0	25.0	50.0
n-Butanol	DCBd 4	Ave	4687 432264	20020 650974	34537	108334	238170	24.8 2480	124 3720	248	620	1240
Trichloroethene	DFBZ	Ave	5225 572570	27193 796239	52936	132176	274620	1.00 100	5.00 150	10.0	25.0	50.0
Methylcyclohexane	DFBZ	Ave	7989 836183	39366 1147566	78976	195254	411996	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dichloropropane	DFBZ	Ave	6663 742723	35817 1034883	71747	174809	360364	1.00 100	5.00 150	10.0	25.0	50.0
Dibromomethane	DFBZ	Ave	4455 429647	21019 610450	40626	102368	210173	1.00 100	5.00 150	10.0	25.0	50.0
Methyl methacrylate	DFBZ	Ave	8719 1022298	46912 1437562	94000	255784	509933	2.00 200	10.0 300	20.0	50.0	100
1,4-Dioxane (P-Dioxane)	DFBZ	Ave	+++++ 119517	4896 183639	10836	31441	69313	+++++ 2000	100 3000	200	500	1000
Bromodichloromethane	DFBZ	Ave	7797 866029	40838 1207935	80538	201446	420570	1.00 100	5.00 150	10.0	25.0	50.0
2-Chloroethyl vinyl ether	DFBZ	Ave	4546 467110	22169 662805	43568	111943	228929	1.00 100	5.00 150	10.0	25.0	50.0
Epichlorohydrin	DFBZ	Ave	6145 687602	30969 975561	61297	169543	337860	10.0 1001	50.0 1501	100	250	500
cis-1,3-Dichloropropene	DFBZ	Ave	9356 1133787	53649 1587653	105247	265206	554304	1.00 100	5.00 150	10.0	25.0	50.0
4-Methyl-2-pentanone	DFBZ	Ave	36275 3499258	172818 4840510	341438	925175	1802611	5.00 500	25.0 750	50.0	125	250
Toluene	CBNZ d5	Ave	13136 1448438	69944 2025660	139599	340086	717143	1.00 100	5.00 150	10.0	25.0	50.0
trans-1,3-Dichloropropene	CBNZ d5	Ave	8996 1050148	48106 1481283	97664	245866	510447	1.00 100	5.00 150	10.0	25.0	50.0
Ethyl methacrylate	CBNZ d5	Ave	8966	44501	89065	230397	464437	1.00	5.00	10.0	25.0	50.0

Released to Imaging: 3/4/2024 2:02:33 PM

Received by OCD: 3/30/2023 11:30:39 AM

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Houston Job No.: 860-24865-1 Analy Batch No.: 47061

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2022 09:06 Calibration End Date: 03/31/2022 11:50 Calibration ID: 2817

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
			933091	1312108				100	150			
1,1,2-Trichloroethane	CBNZ d5	Ave	4847 526253	24673 742377	49928	127613	259926	1.00 100	5.00 150	10.0	25.0	50.0
Tetrachloroethene	CBNZ d5	Ave	3992 452843	21006 630895	42833	104188	218068	1.00 100	5.00 150	10.0	25.0	50.0
1,3-Dichloropropane	CBNZ d5	Ave	9134 995147	47765 1403826	93845	239930	489824	1.00 100	5.00 150	10.0	25.0	50.0
2-Hexanone	CBNZ d5	Ave	24864 2442808	121587 3401635	232601	645851	1258267	5.00 500	25.0 750	50.0	125	250
Dibromochloromethane	CBNZ d5	Ave	6070 665652	30983 942175	62519	156944	327146	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dibromoethane	CBNZ d5	Ave	5964 618328	30049 877217	58320	147891	303398	1.00 100	5.00 150	10.0	25.0	50.0
1-Chlorohexane	CBNZ d5	Lin1	15501 560009	35211 770267	60340	135512	275552	1.00 100	5.00 150	10.0	25.0	50.0
Chlorobenzene	CBNZ d5	Ave	14086 1620175	78216 2262724	155730	385552	795013	1.00 100	5.00 150	10.0	25.0	50.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	5274 607226	28123 860799	57059	143750	300218	1.00 100	5.00 150	10.0	25.0	50.0
Ethylbenzene	CBNZ d5	Ave	23566 2722679	128736 3795591	260466	644786	1343494	1.00 100	5.00 150	10.0	25.0	50.0
m,p-Xylenes	CBNZ d5	Ave	19125 2159591	102319 2994329	203337	511224	1063235	1.00 100	5.00 150	10.0	25.0	50.0
o-Xylene	CBNZ d5	Ave	19517	107920	218751	535593	1113646	1.00	5.00	10.0	25.0	50.0

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Lab Name: Eurofins Houston Job No.: 860-24865-1 Analy Batch No.: 47061

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2022 09:06 Calibration End Date: 03/31/2022 11:50 Calibration ID: 2817

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
			2280549	3166895				100	150			
Styrene	CBNZ d5	Ave	16253 1811652	86123 2514394	173828	425904	891319	1.00 100	5.00 150	10.0	25.0	50.0
Bromoform	CBNZ d5	Ave	3781 463626	21314 667258	42246	110102	228374	1.00 100	5.00 150	10.0	25.0	50.0
Isopropylbenzene	CBNZ d5	Ave	22505 2532258	121103 3530767	242327	597015	1247311	1.00 100	5.00 150	10.0	25.0	50.0
cis-1,4-Dichloro-2-butene	CBNZ d5	Ave	2607 256877	10721 362972	21905	62763	124649	1.00 100	5.00 150	10.0	25.0	50.0
Cyclohexanone	CBNZ d5	Ave	19323 1695400	87690 2463279	158087	464704	943657	50.0 5000	250 7500	500	1250	2500
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	6788 754380	37080 1050921	71097	187573	378351	1.00 100	5.00 150	10.0	25.0	50.0
Bromobenzene	DCBd 4	Ave	6147 701055	32679 982773	66428	165168	344736	1.00 100	5.00 150	10.0	25.0	50.0
1,2,3-Trichloropropane	DCBd 4	Ave	7813 928451	41246 1313935	85765	246045	496172	1.00 100	5.00 150	10.0	25.0	50.0
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	1862 223610	10093 314247	19340	53454	111032	1.00 100	5.00 150	10.0	25.0	50.0
N-Propylbenzene	DCBd 4	Ave	25736 2972887	142098 4141069	286940	708443	1470211	1.00 100	5.00 150	10.0	25.0	50.0
2-Chlorotoluene	DCBd 4	Ave	19442 2130901	99642 2962520	204302	507960	1047013	1.00 100	5.00 150	10.0	25.0	50.0
4-Ethyltoluene	DCBd 4	Ave	21518	113930	231020	566861	1183626	1.00	5.00	10.0	25.0	50.0

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Lab Name: Eurofins Houston Job No.: 860-24865-1 Analy Batch No.: 47061

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2022 09:06 Calibration End Date: 03/31/2022 11:50 Calibration ID: 2817

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
			2402028	3336363				100	150			
1,3,5-Trimethylbenzene	DCBd 4	Ave	19476 2161993	105436 3025197	211814	520220	1071605	1.00 100	5.00 150	10.0	25.0	50.0
4-Chlorotoluene	DCBd 4	Ave	19456 2164374	100216 3003743	206006	517086	1067944	1.00 100	5.00 150	10.0	25.0	50.0
Alpha Methyl Styrene	CBNZ d5	Ave	7374 1193359	50076 1612792	114756	246833	537619	1.000 100.0	5.00 150	10.00	25.0	50.0
tert-Butylbenzene	DCBd 4	Ave	15017 1724012	82976 2425441	167647	413004	852824	1.00 100	5.00 150	10.0	25.0	50.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	18314 2211939	106273 3103468	214107	530910	1093434	1.00 100	5.00 150	10.0	25.0	50.0
sec-Butylbenzene	DCBd 4	Ave	21883 2463640	117602 3459243	234925	586646	1219360	1.00 100	5.00 150	10.0	25.0	50.0
1,3-Dichlorobenzene	DCBd 4	Ave	10929 1222517	58881 1719940	116447	287626	603279	1.00 100	5.00 150	10.0	25.0	50.0
p-Cymene (p-Isopropyltoluene)	DCBd 4	Ave	20011 2125615	101396 2997635	205360	508053	1051856	1.00 100	5.00 150	10.0	25.0	50.0
1,4-Dichlorobenzene	DCBd 4	Ave	11068 1230135	59531 1737889	118364	292771	609427	1.00 100	5.00 150	10.0	25.0	50.0
Dicyclopentadiene	DCBd 4	Ave	25385 2760900	139384 3856431	276333	678706	1388997	1.00 100	5.00 150	10.0	25.0	50.0
Benzyl chloride	DCBd 4	Ave	2250 247712	11649 346682	22020	61186	120548	1.00 100	5.00 150	10.0	25.0	50.0
n-Butylbenzene	DCBd 4	Ave	17440	92981	189899	471108	983079	1.00	5.00	10.0	25.0	50.0

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Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2022 09:06 Calibration End Date: 03/31/2022 11:50 Calibration ID: 2817

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
			2013277	2827932				100	150			
1,2-Dichlorobenzene	DCBd 4	Ave	10161 1164884	55899 1659812	110271	277456	576200	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	1235 137333	6482 204826	11813	33950	68982	1.00 100	5.00 150	10.0	25.0	50.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	6143 728333	31588 1061879	61735	169199	361175	1.00 100	5.00 150	10.0	25.0	50.0
Hexachlorobutadiene	DCBd 4	Ave	2677 323291	14690 463953	29849	75952	160869	1.00 100	5.00 150	10.0	25.0	50.0
Naphthalene	DCBd 4	Ave	13849 1444525	67358 2202837	124951	366208	784446	1.00 100	5.00 150	10.0	25.0	50.0
1,2,3-Trichlorobenzene	DCBd 4	Ave	5172 558391	25313 844517	48464	135607	294222	1.00 100	5.00 150	10.0	25.0	50.0
2-Methylnaphthalene	DCBd 4	Ave	3960 393588	18450 682956	31310	106339	253893	1.00 100	5.00 150	10.0	25.0	50.0
1-Methylnaphthalene	DCBd 4	Ave	3164 295651	14618 520079	23553	84422	199474	1.00 100	5.00 150	10.0	25.0	50.0
Dibromofluoromethane (Surr)	PFB	Ave	348550 335323	342413 331348	340037	333263	331443	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	DFBZ	Ave	423702 402375	418329 393583	414633	404105	399365	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	1341043 1301244	1314186 1280431	1309515	1281765	1281519	50.0 50.0	50.0 50.0	50.0	50.0	50.0
4-Bromofluorobenzene (Surr)	DCBd 4	Ave	501809 491038	488312 482870	487233	484509	490097	50.0 50.0	50.0 50.0	50.0	50.0	50.0

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Calibration Start Date: 03/31/2022 09:06 Calibration End Date: 03/31/2022 11:50 Calibration ID: 2817

Curve Type Legend

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD

Calibration / Propene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

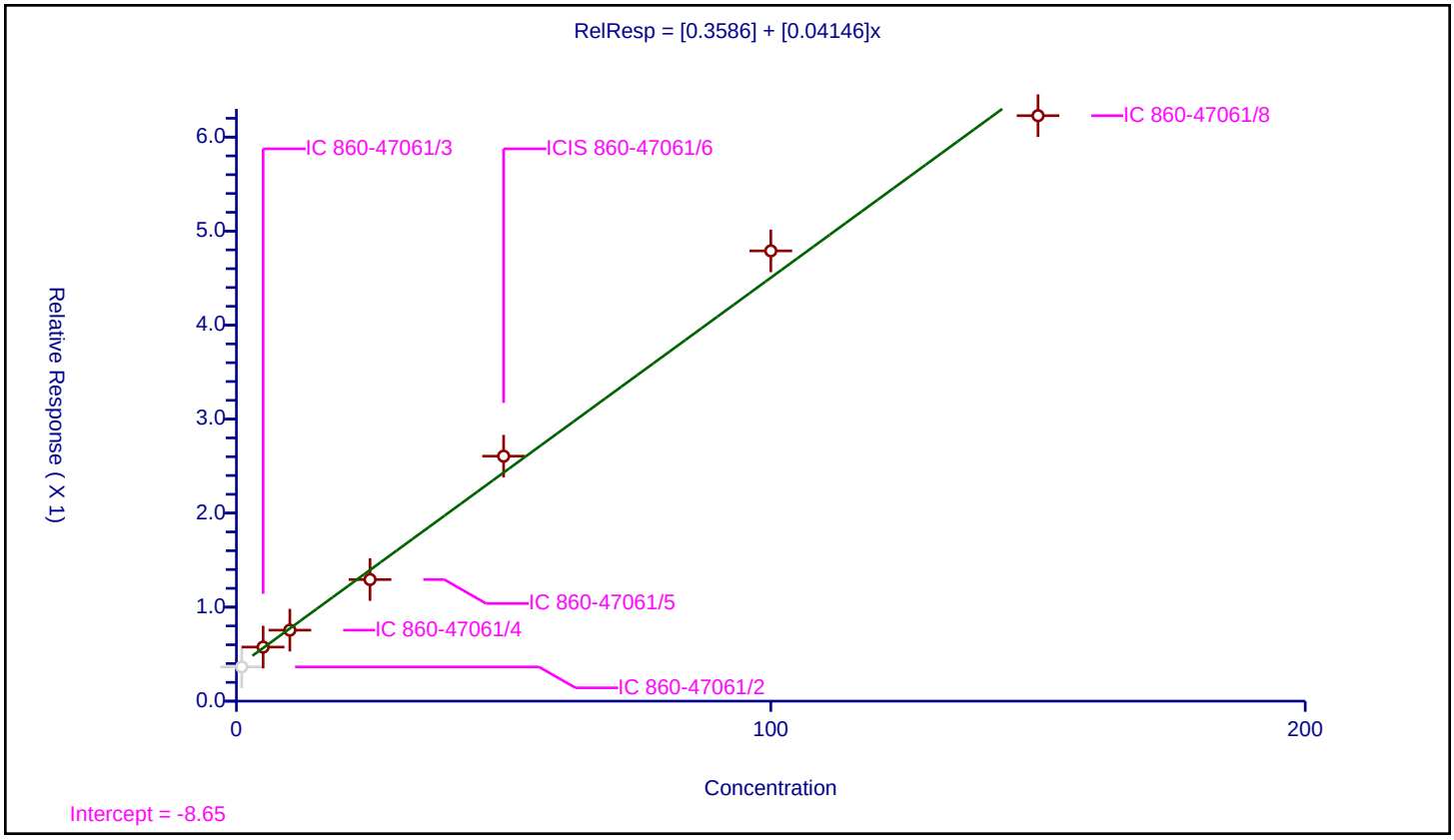
Curve Coefficients

Intercept:	0.3586
Slope:	0.04146

Error Coefficients

Standard Error:	58700
Relative Standard Error:	8.4
Correlation Coefficient:	0.991
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-47061/2	1.0	0.36451	50.0	731805.0	0.36451	N
2	IC 860-47061/3	5.0	0.575231	50.0	710497.0	0.115046	Y
3	IC 860-47061/4	10.0	0.755046	50.0	709030.0	0.075505	Y
4	IC 860-47061/5	25.0	1.293358	50.0	693041.0	0.051734	Y
5	ICIS 860-47061/6	50.0	2.605733	50.0	690439.0	0.052115	Y
6	IC 860-47061/7	100.0	4.789619	50.0	702060.0	0.047896	Y
7	IC 860-47061/8	150.0	6.227773	50.0	694245.0	0.041518	Y



Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

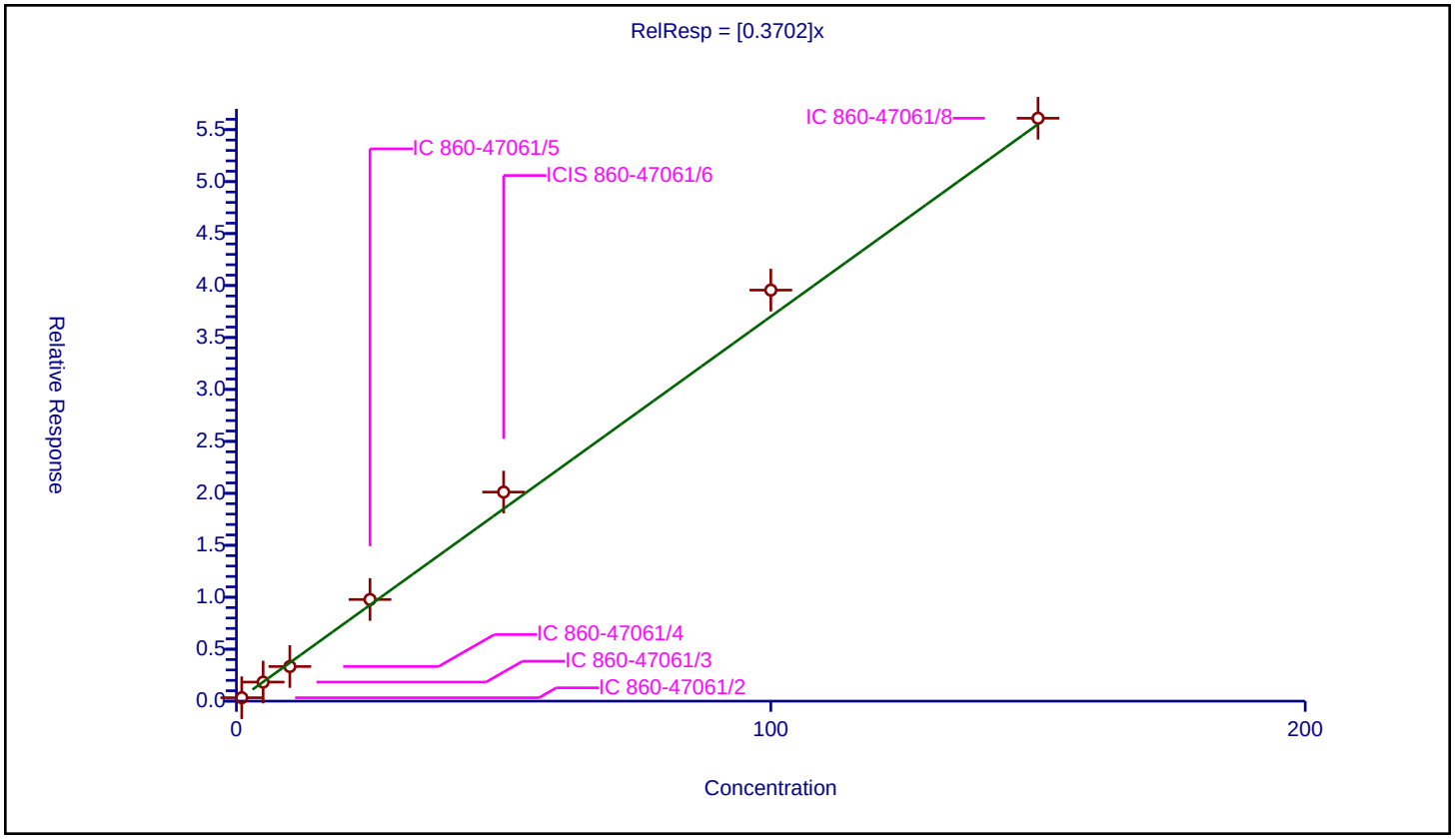
Curve Coefficients

Intercept:	0
Slope:	0.3702

Error Coefficients

Standard Error:	411000
Relative Standard Error:	8.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-47061/2	1.0	0.32823	50.0	731805.0	0.32823	Y
2	IC 860-47061/3	5.0	1.833505	50.0	710497.0	0.366701	Y
3	IC 860-47061/4	10.0	3.330183	50.0	709030.0	0.333018	Y
4	IC 860-47061/5	25.0	9.783837	50.0	693041.0	0.391353	Y
5	ICIS 860-47061/6	50.0	20.120242	50.0	690439.0	0.402405	Y
6	IC 860-47061/7	100.0	39.559297	50.0	702060.0	0.395593	Y
7	IC 860-47061/8	150.0	56.100368	50.0	694245.0	0.374002	Y



Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

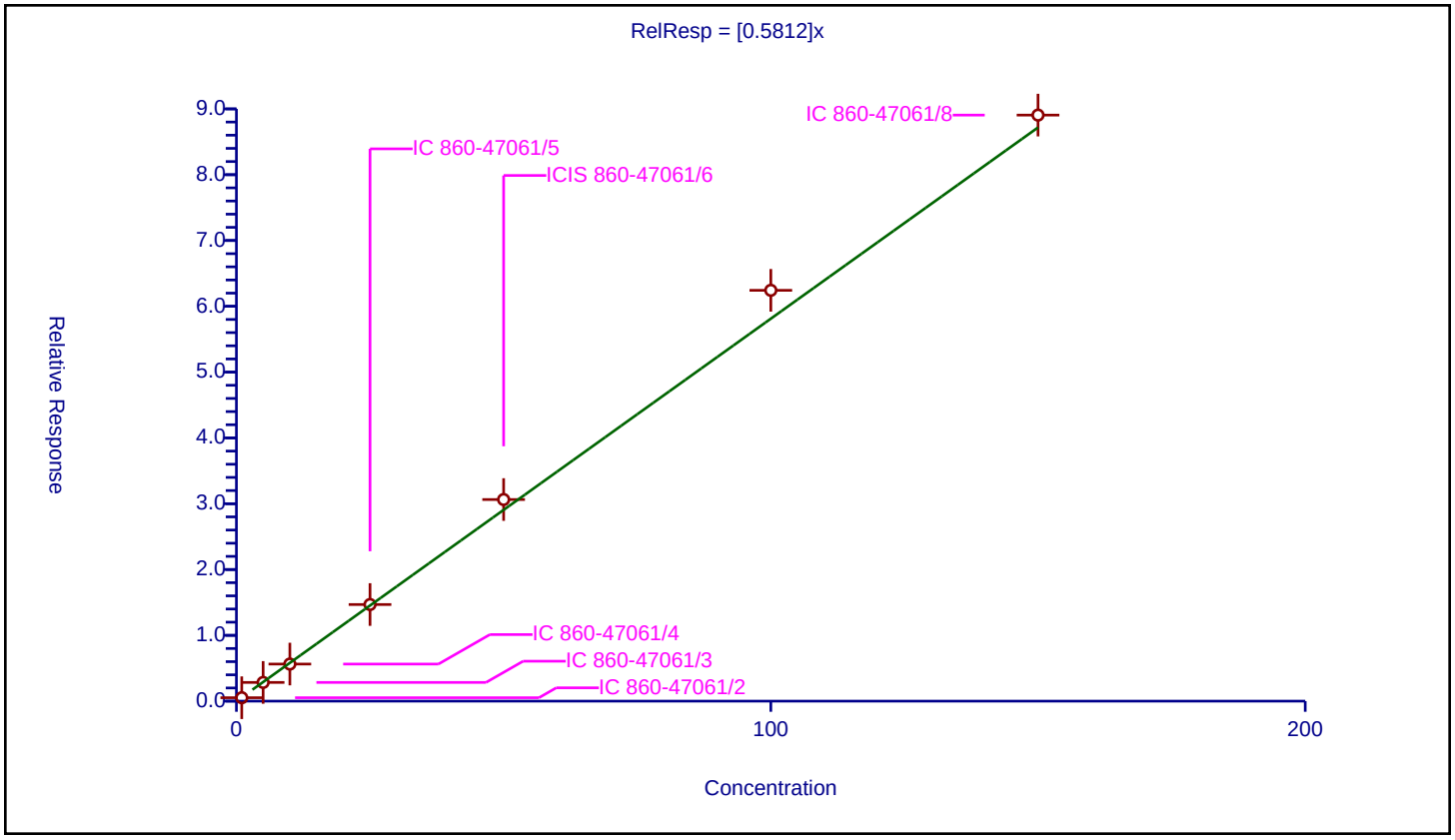
Curve Coefficients

Intercept:	0
Slope:	0.5812

Error Coefficients

Standard Error:	649000
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 860-47061/2	1.0	0.518102	50.0	731805.0	0.518102	Y
2	IC 860-47061/3	5.0	2.841954	50.0	710497.0	0.568391	Y
3	IC 860-47061/4	10.0	5.637138	50.0	709030.0	0.563714	Y
4	IC 860-47061/5	25.0	14.68196	50.0	693041.0	0.587278	Y
5	ICIS 860-47061/6	50.0	30.635654	50.0	690439.0	0.612713	Y
6	IC 860-47061/7	100.0	62.42757	50.0	702060.0	0.624276	Y
7	IC 860-47061/8	150.0	89.055305	50.0	694245.0	0.593702	Y



Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

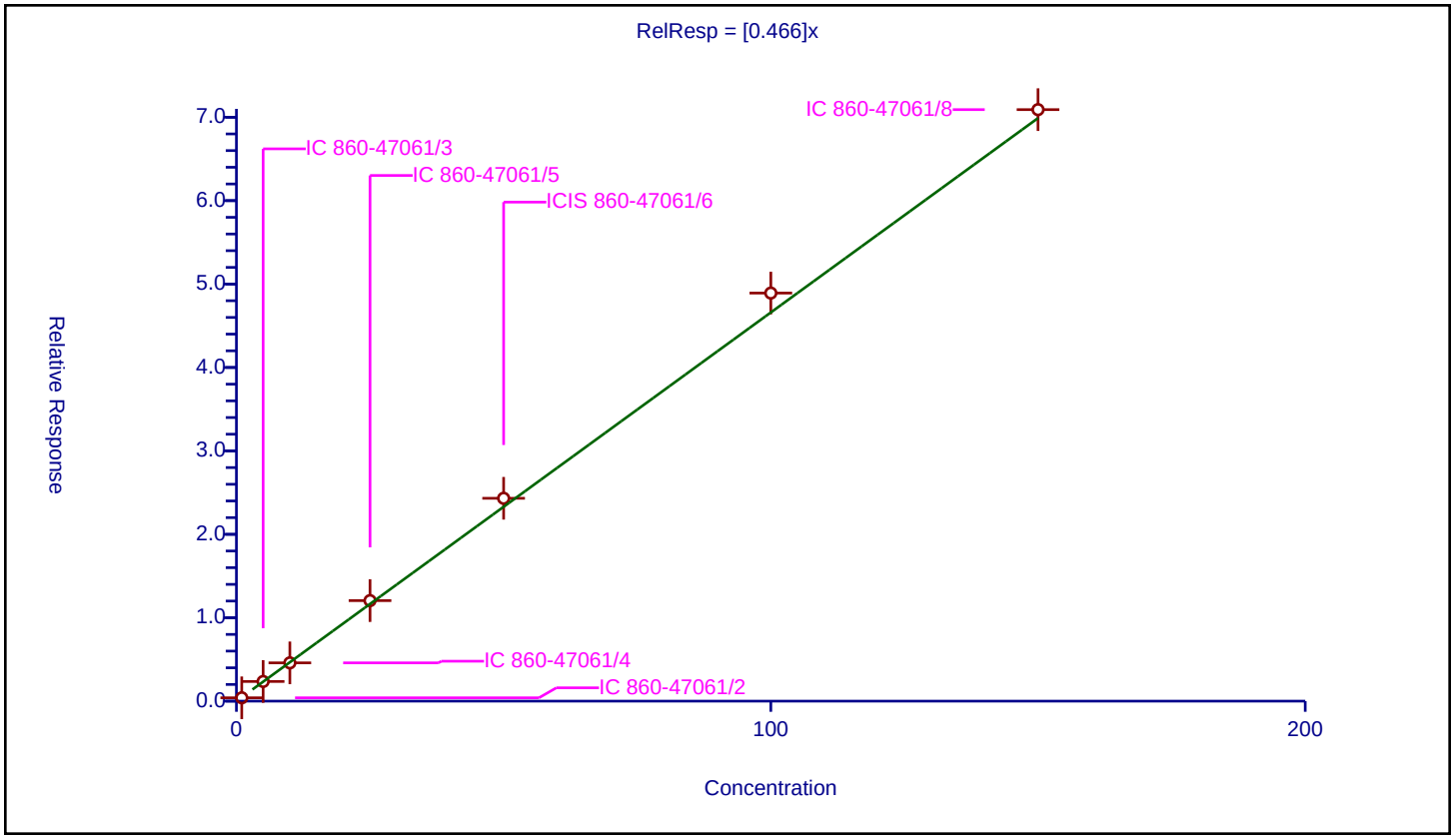
Curve Coefficients

Intercept:	0
Slope:	0.466

Error Coefficients

Standard Error:	514000
Relative Standard Error:	6.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-47061/2	1.0	0.401063	50.0	731805.0	0.401063	Y
2	IC 860-47061/3	5.0	2.357012	50.0	710497.0	0.471402	Y
3	IC 860-47061/4	10.0	4.588593	50.0	709030.0	0.458859	Y
4	IC 860-47061/5	25.0	12.052317	50.0	693041.0	0.482093	Y
5	ICIS 860-47061/6	50.0	24.318368	50.0	690439.0	0.486367	Y
6	IC 860-47061/7	100.0	48.919964	50.0	702060.0	0.4892	Y
7	IC 860-47061/8	150.0	70.911422	50.0	694245.0	0.472743	Y



Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

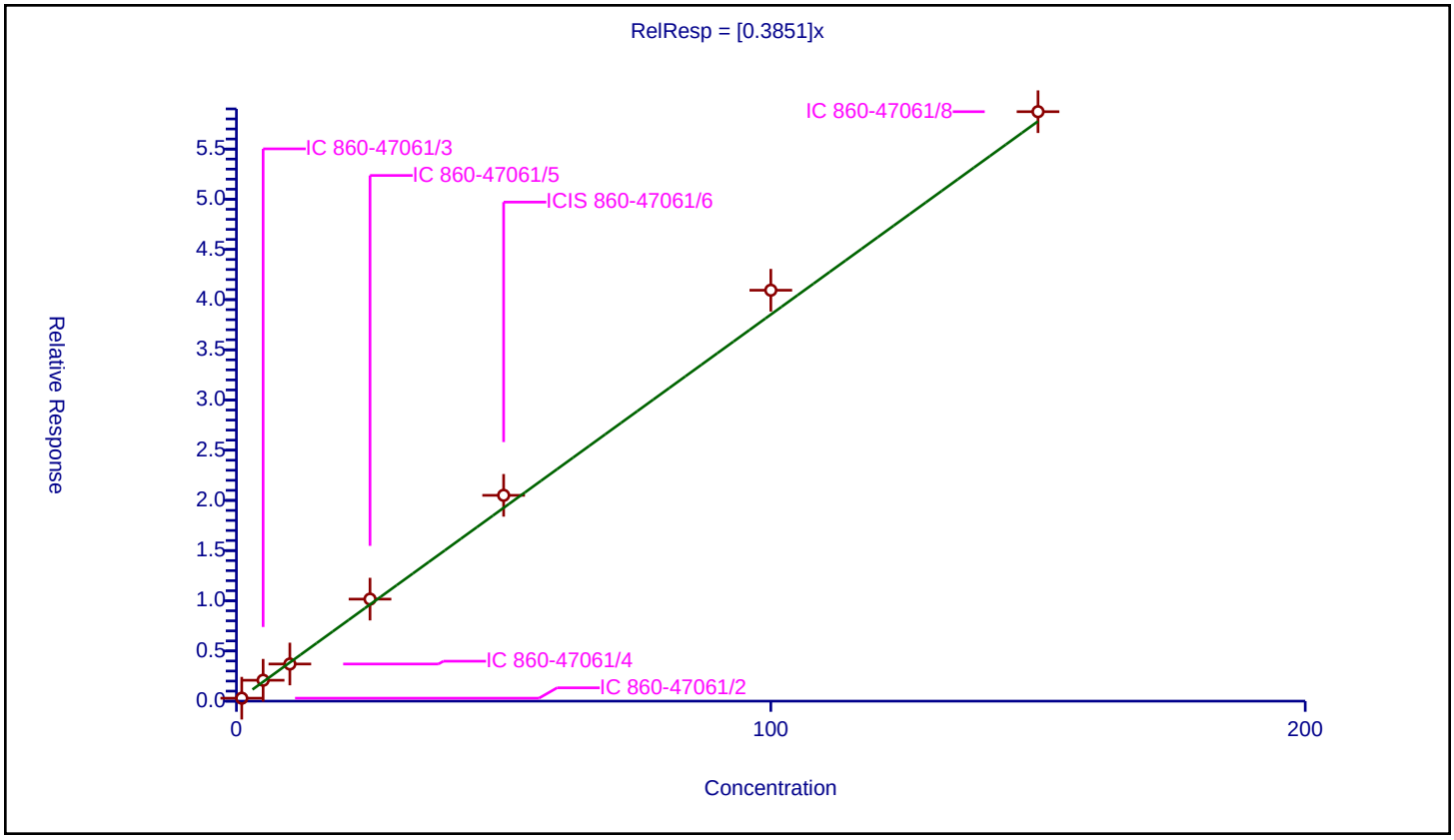
Curve Coefficients

Intercept:	0
Slope:	0.3851

Error Coefficients

Standard Error:	428000
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 860-47061/2	1.0	0.292086	50.0	731805.0	0.292086	Y
2	IC 860-47061/3	5.0	2.081641	50.0	710497.0	0.416328	Y
3	IC 860-47061/4	10.0	3.698997	50.0	709030.0	0.3699	Y
4	IC 860-47061/5	25.0	10.164478	50.0	693041.0	0.406579	Y
5	ICIS 860-47061/6	50.0	20.503622	50.0	690439.0	0.410072	Y
6	IC 860-47061/7	100.0	40.935176	50.0	702060.0	0.409352	Y
7	IC 860-47061/8	150.0	58.721345	50.0	694245.0	0.391476	Y



Calibration / Ethylene oxide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

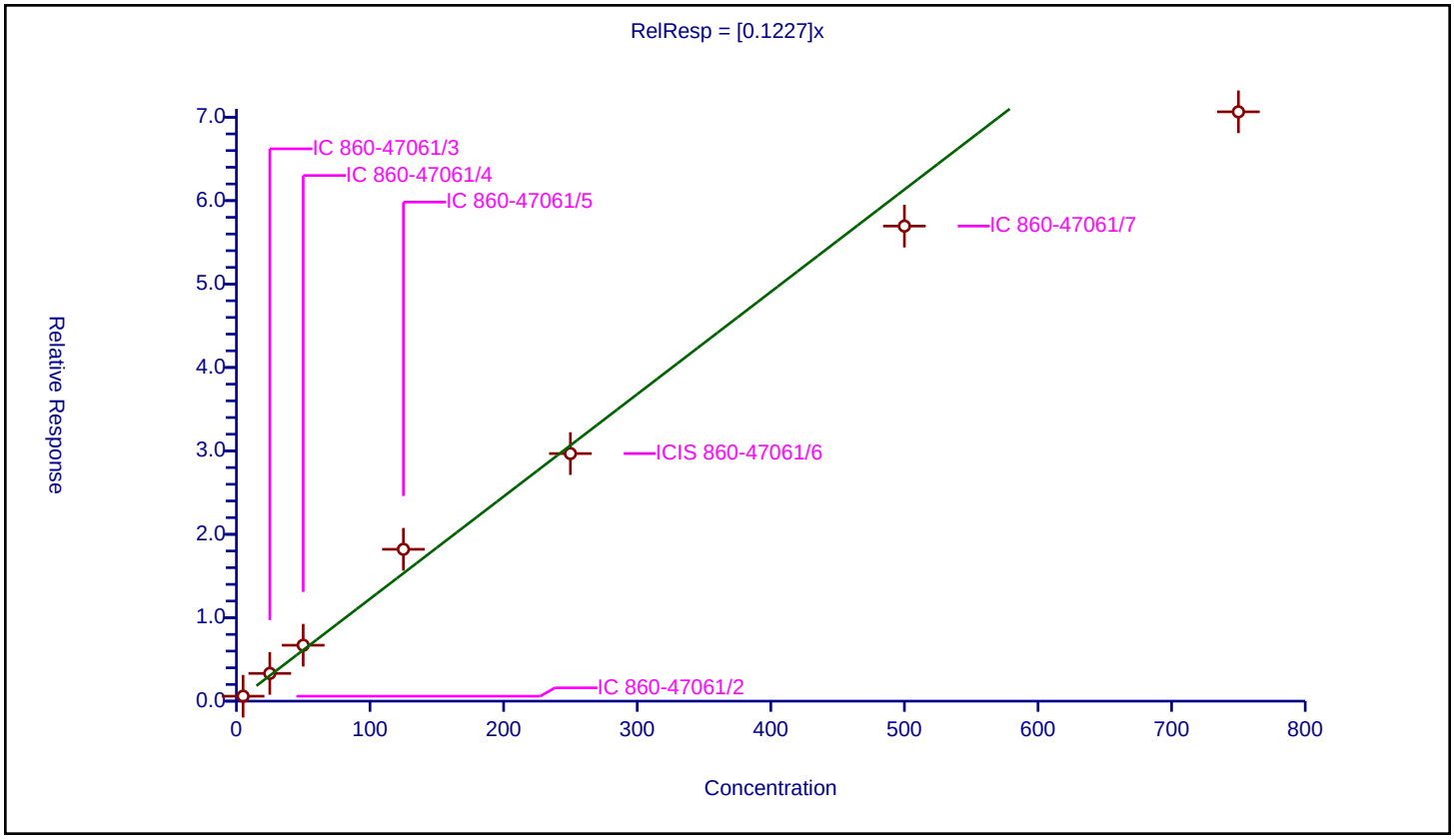
Curve Coefficients

Intercept:	0
Slope:	0.1227

Error Coefficients

Standard Error:	554000
Relative Standard Error:	13.7
Correlation Coefficient:	0.980
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-47061/2	5.0	0.595172	50.0	731805.0	0.119034	Y
2	IC 860-47061/3	25.0	3.325208	50.0	710497.0	0.133008	Y
3	IC 860-47061/4	50.0	6.705076	50.0	709030.0	0.134102	Y
4	IC 860-47061/5	125.0	18.205344	50.0	693041.0	0.145643	Y
5	ICIS 860-47061/6	250.0	29.678799	50.0	690439.0	0.118715	Y
6	IC 860-47061/7	500.0	56.946272	50.0	702060.0	0.113893	Y
7	IC 860-47061/8	750.0	70.647538	50.0	694245.0	0.094197	Y



Calibration / Bromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

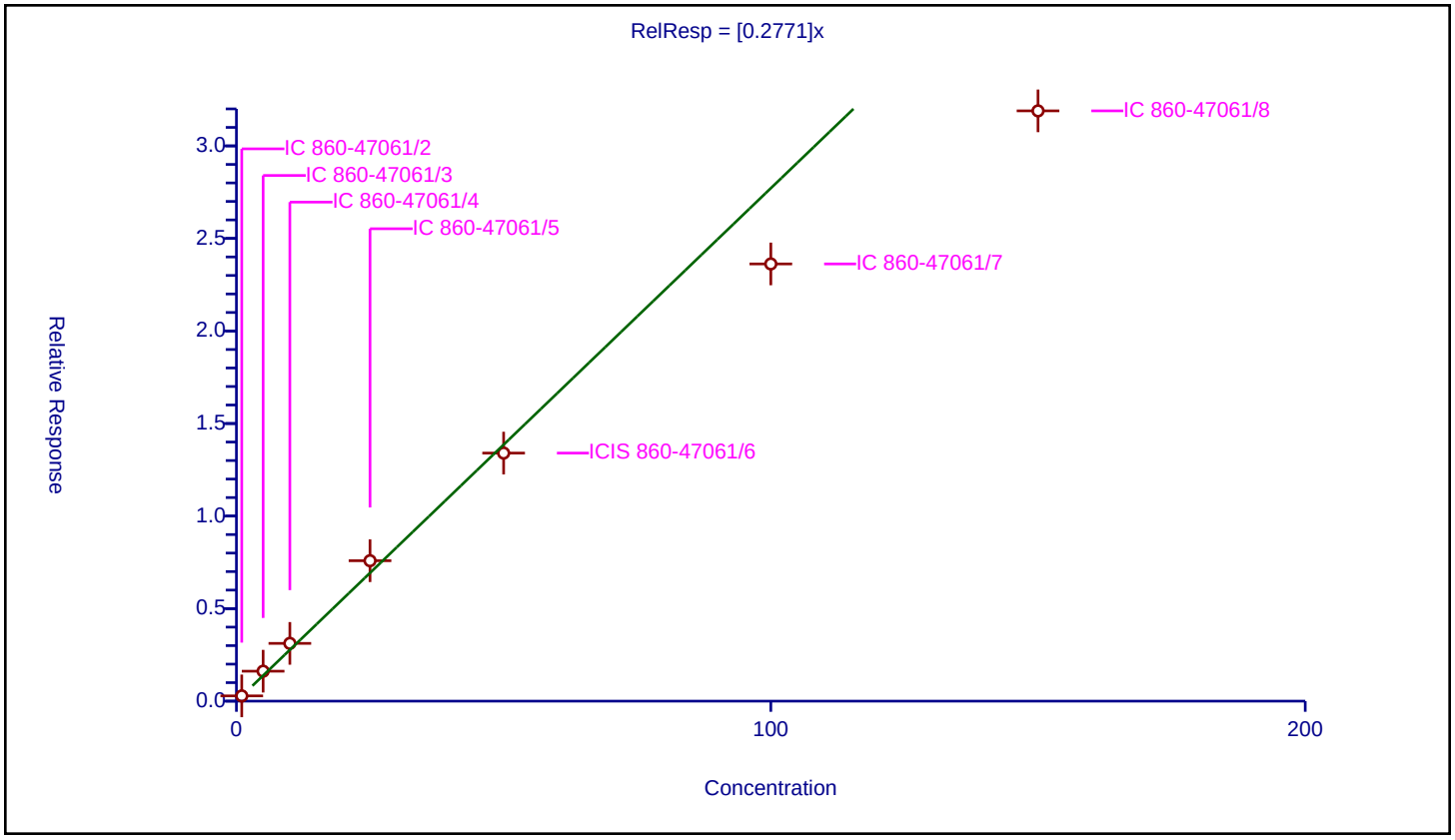
Curve Coefficients

Intercept:	0
Slope:	0.2771

Error Coefficients

Standard Error:	243000
Relative Standard Error:	14.8
Correlation Coefficient:	0.991
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-47061/2	1.0	0.283819	50.0	731805.0	0.283819	Y
2	IC 860-47061/3	5.0	1.618022	50.0	710497.0	0.323604	Y
3	IC 860-47061/4	10.0	3.121307	50.0	709030.0	0.312131	Y
4	IC 860-47061/5	25.0	7.586925	50.0	693041.0	0.303477	Y
5	ICIS 860-47061/6	50.0	13.402849	50.0	690439.0	0.268057	Y
6	IC 860-47061/7	100.0	23.623408	50.0	702060.0	0.236234	Y
7	IC 860-47061/8	150.0	31.892776	50.0	694245.0	0.212619	Y



Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

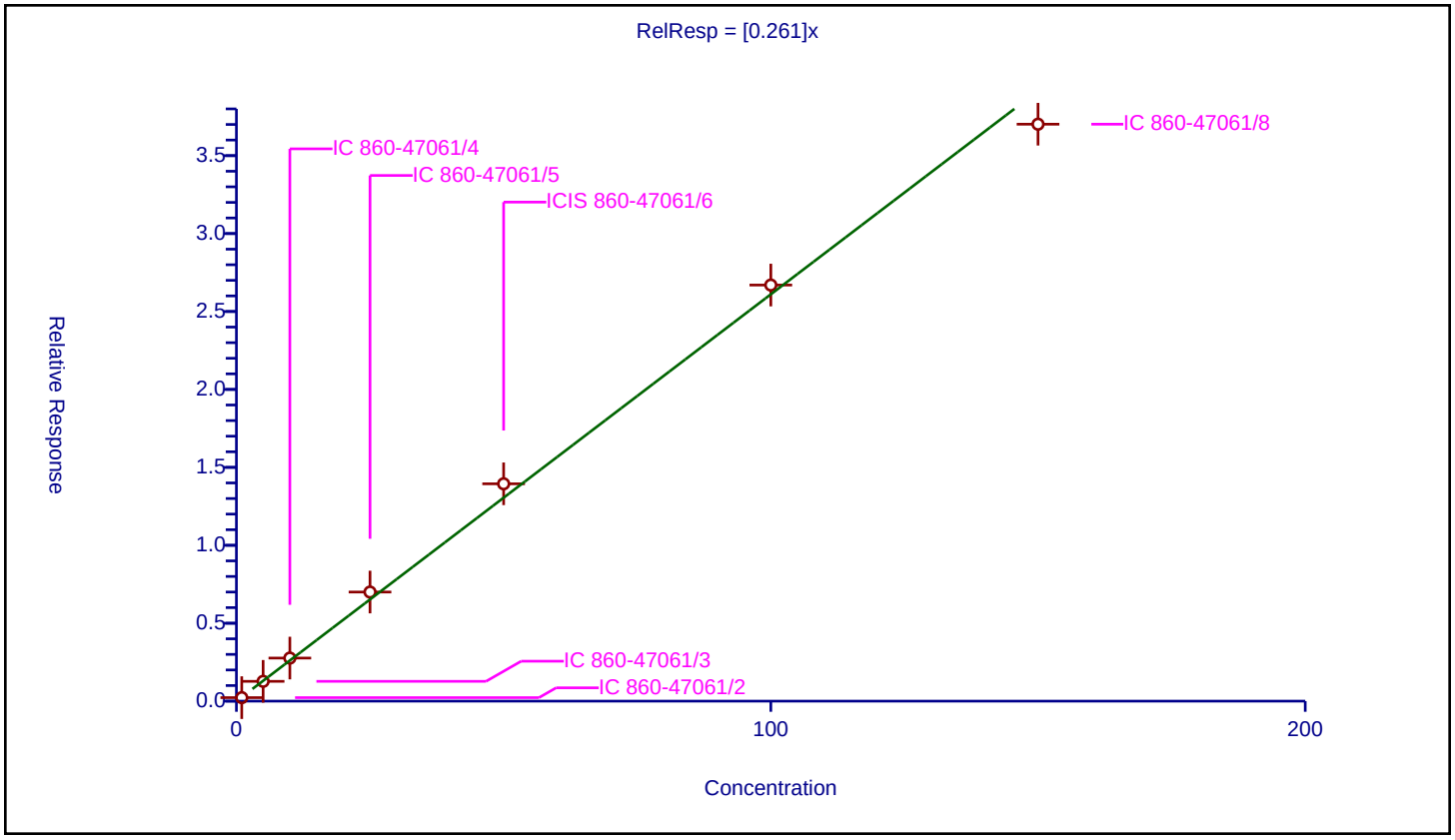
Curve Coefficients

Intercept:	0
Slope:	0.261

Error Coefficients

Standard Error:	275000
Relative Standard Error:	7.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-47061/2	1.0	0.223898	50.0	731805.0	0.223898	Y
2	IC 860-47061/3	5.0	1.271364	50.0	710497.0	0.254273	Y
3	IC 860-47061/4	10.0	2.763705	50.0	709030.0	0.276371	Y
4	IC 860-47061/5	25.0	6.999874	50.0	693041.0	0.279995	Y
5	ICIS 860-47061/6	50.0	13.944751	50.0	690439.0	0.278895	Y
6	IC 860-47061/7	100.0	26.697077	50.0	702060.0	0.266971	Y
7	IC 860-47061/8	150.0	37.017984	50.0	694245.0	0.246787	Y



Calibration / Dichlorofluoromethane

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

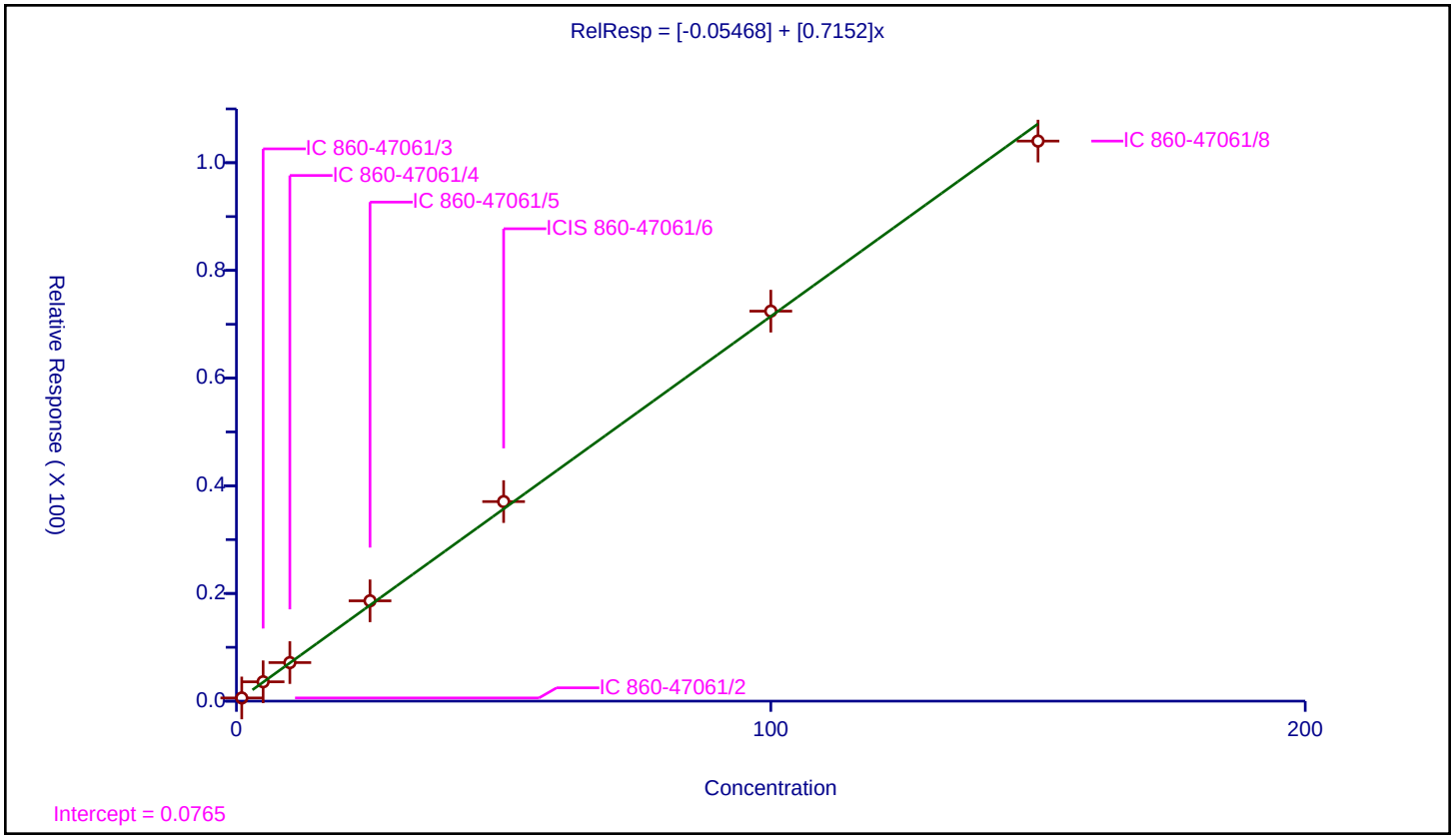
Curve Coefficients

Intercept:	-0.05468
Slope:	0.7152

Error Coefficients

Standard Error:	832000
Relative Standard Error:	5.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-47061/2	1.0	0.591824	50.0	731805.0	0.591824	Y
2	IC 860-47061/3	5.0	3.595019	50.0	710497.0	0.719004	Y
3	IC 860-47061/4	10.0	7.158019	50.0	709030.0	0.715802	Y
4	IC 860-47061/5	25.0	18.633169	50.0	693041.0	0.745327	Y
5	ICIS 860-47061/6	50.0	37.065693	50.0	690439.0	0.741314	Y
6	IC 860-47061/7	100.0	72.433054	50.0	702060.0	0.724331	Y
7	IC 860-47061/8	150.0	104.021779	50.0	694245.0	0.693479	Y



Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

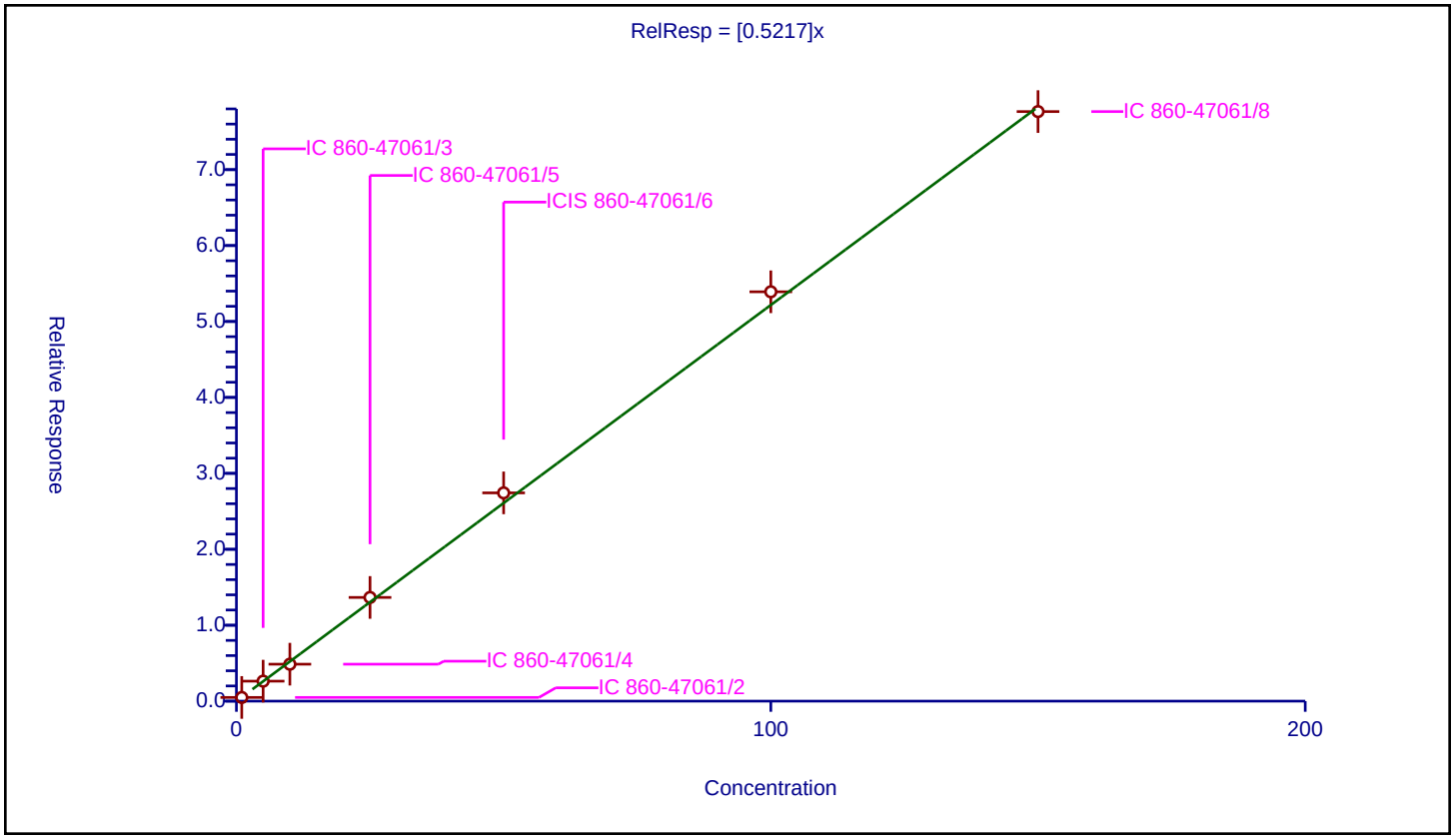
Curve Coefficients

Intercept:	0
Slope:	0.5217

Error Coefficients

Standard Error:	566000
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 860-47061/2	1.0	0.487152	50.0	731805.0	0.487152	Y
2	IC 860-47061/3	5.0	2.633227	50.0	710497.0	0.526645	Y
3	IC 860-47061/4	10.0	4.865803	50.0	709030.0	0.48658	Y
4	IC 860-47061/5	25.0	13.65583	50.0	693041.0	0.546233	Y
5	ICIS 860-47061/6	50.0	27.427188	50.0	690439.0	0.548544	Y
6	IC 860-47061/7	100.0	53.91327	50.0	702060.0	0.539133	Y
7	IC 860-47061/8	150.0	77.646868	50.0	694245.0	0.517646	Y



Calibration / Ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

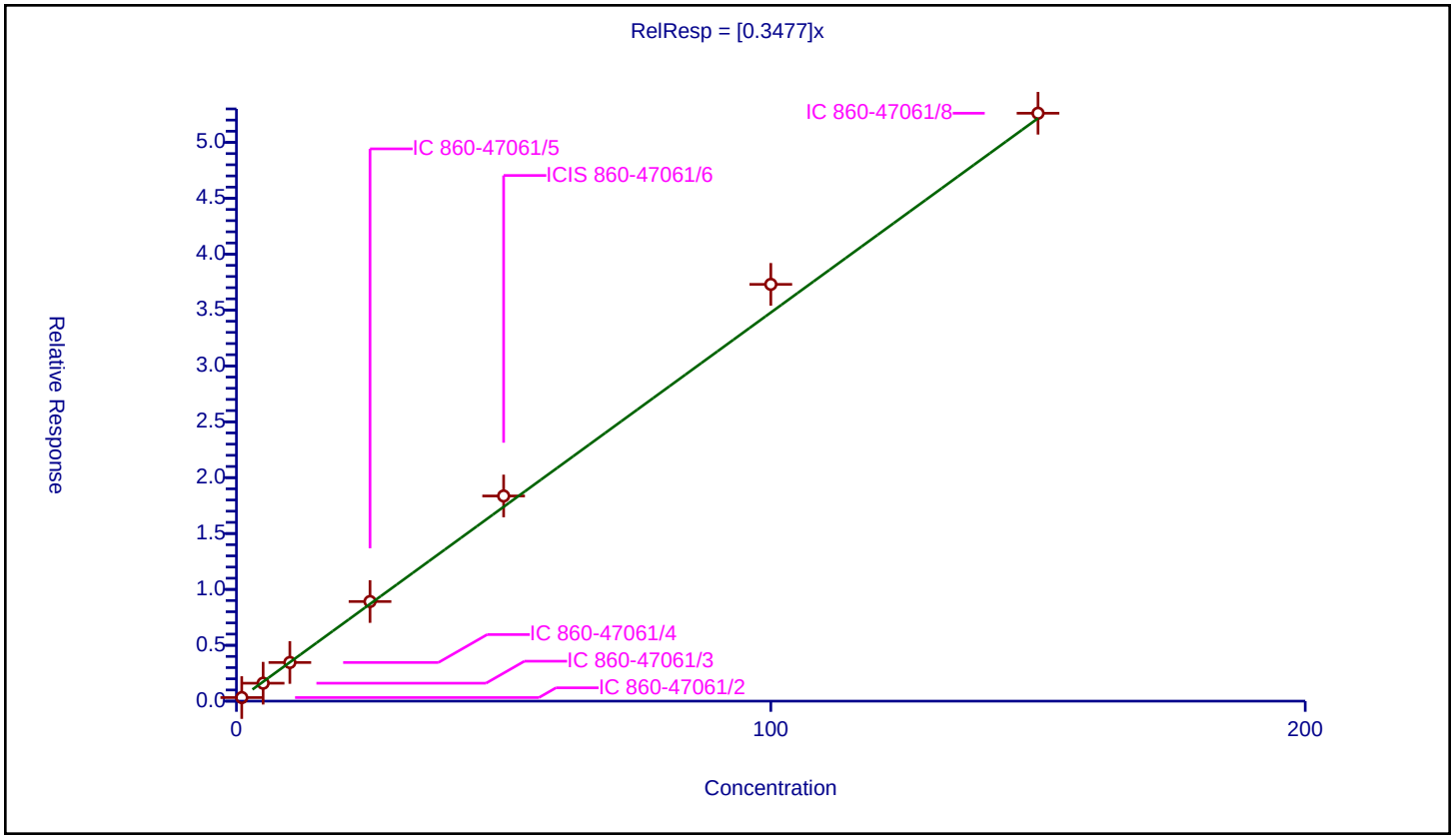
Curve Coefficients

Intercept:	0
Slope:	0.3477

Error Coefficients

Standard Error:	385000
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 860-47061/2	1.0	0.319621	50.0	731805.0	0.319621	Y
2	IC 860-47061/3	5.0	1.605988	50.0	710497.0	0.321198	Y
3	IC 860-47061/4	10.0	3.459021	50.0	709030.0	0.345902	Y
4	IC 860-47061/5	25.0	8.914408	50.0	693041.0	0.356576	Y
5	ICIS 860-47061/6	50.0	18.360275	50.0	690439.0	0.367206	Y
6	IC 860-47061/7	100.0	37.298023	50.0	702060.0	0.37298	Y
7	IC 860-47061/8	150.0	52.610462	50.0	694245.0	0.350736	Y



Calibration / Acrolein

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

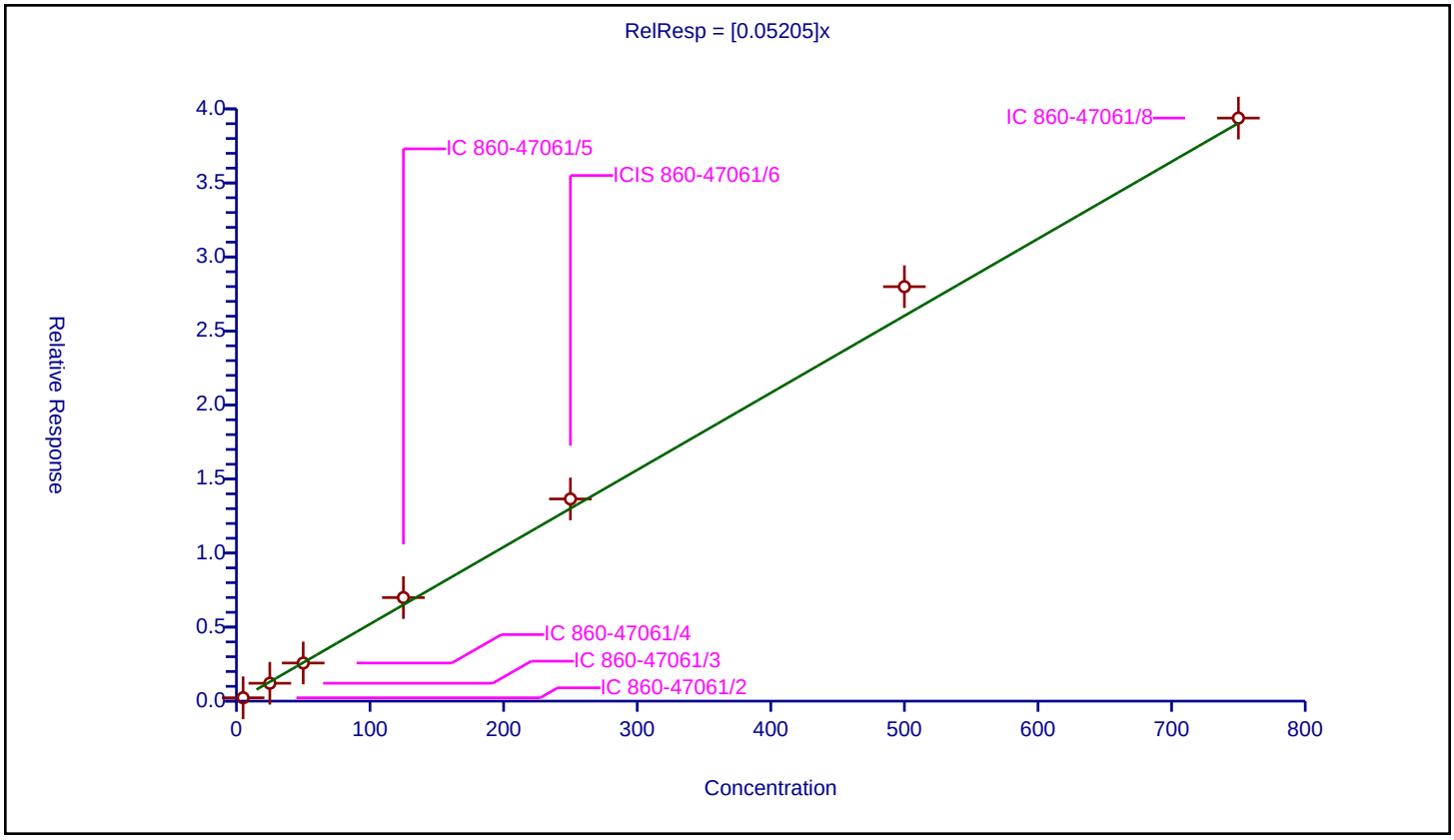
Curve Coefficients

Intercept:	0
Slope:	0.05205

Error Coefficients

Standard Error:	289000
Relative Standard Error:	7.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-47061/2	5.0	0.227451	50.0	731805.0	0.04549	Y
2	IC 860-47061/3	25.0	1.207746	50.0	710497.0	0.04831	Y
3	IC 860-47061/4	50.0	2.574221	50.0	709030.0	0.051484	Y
4	IC 860-47061/5	125.0	6.992948	50.0	693041.0	0.055944	Y
5	ICIS 860-47061/6	250.0	13.656022	50.0	690439.0	0.054624	Y
6	IC 860-47061/7	500.0	27.991981	50.0	702060.0	0.055984	Y
7	IC 860-47061/8	750.0	39.380838	50.0	694245.0	0.052508	Y



Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

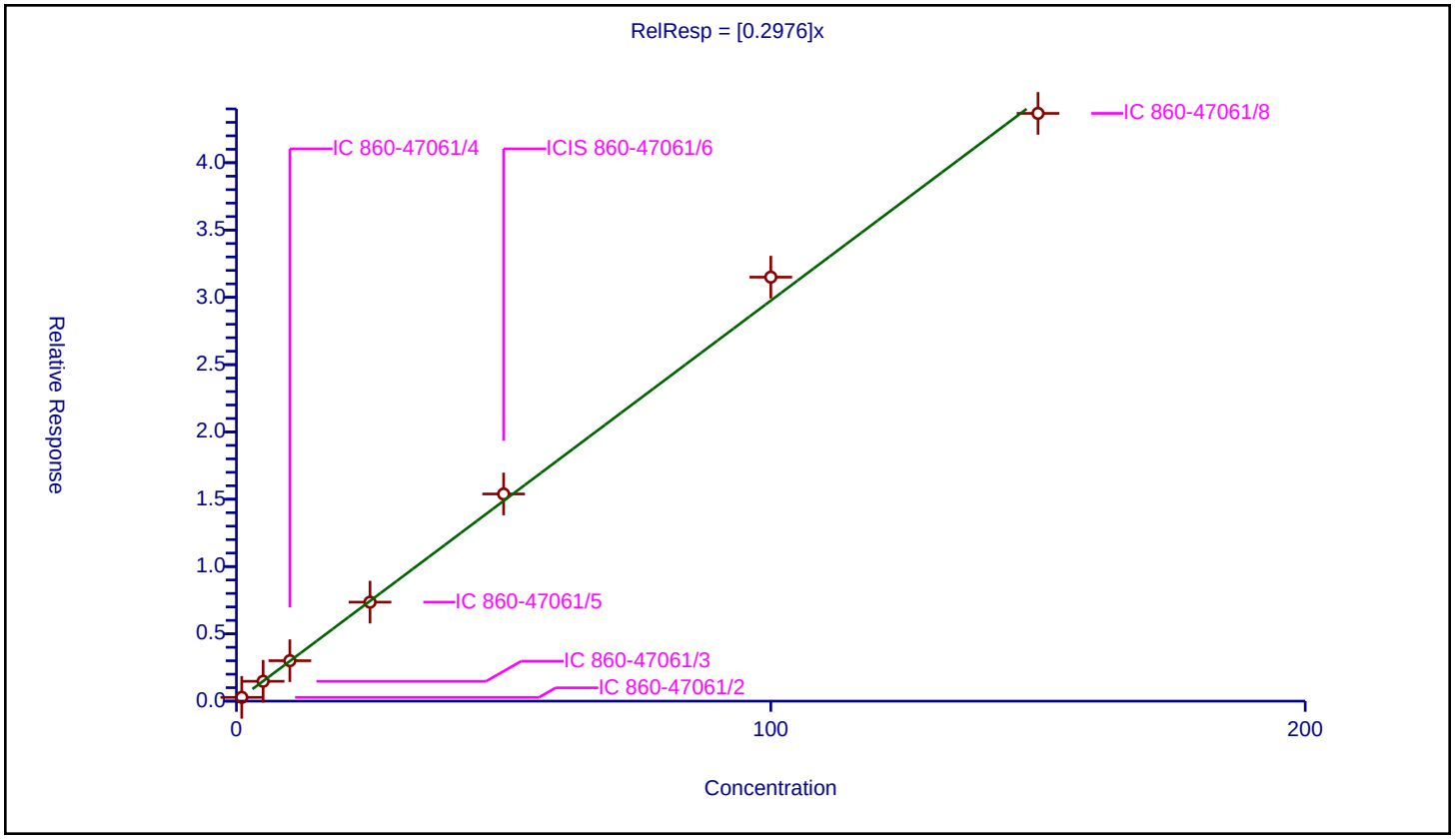
Curve Coefficients

Intercept:	0
Slope:	0.2976

Error Coefficients

Standard Error:	322000
Relative Standard Error:	3.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-47061/2	1.0	0.279583	50.0	731805.0	0.279583	Y
2	IC 860-47061/3	5.0	1.47425	50.0	710497.0	0.29485	Y
3	IC 860-47061/4	10.0	3.004104	50.0	709030.0	0.30041	Y
4	IC 860-47061/5	25.0	7.35476	50.0	693041.0	0.29419	Y
5	ICIS 860-47061/6	50.0	15.39057	50.0	690439.0	0.307811	Y
6	IC 860-47061/7	100.0	31.500726	50.0	702060.0	0.315007	Y
7	IC 860-47061/8	150.0	43.665349	50.0	694245.0	0.291102	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

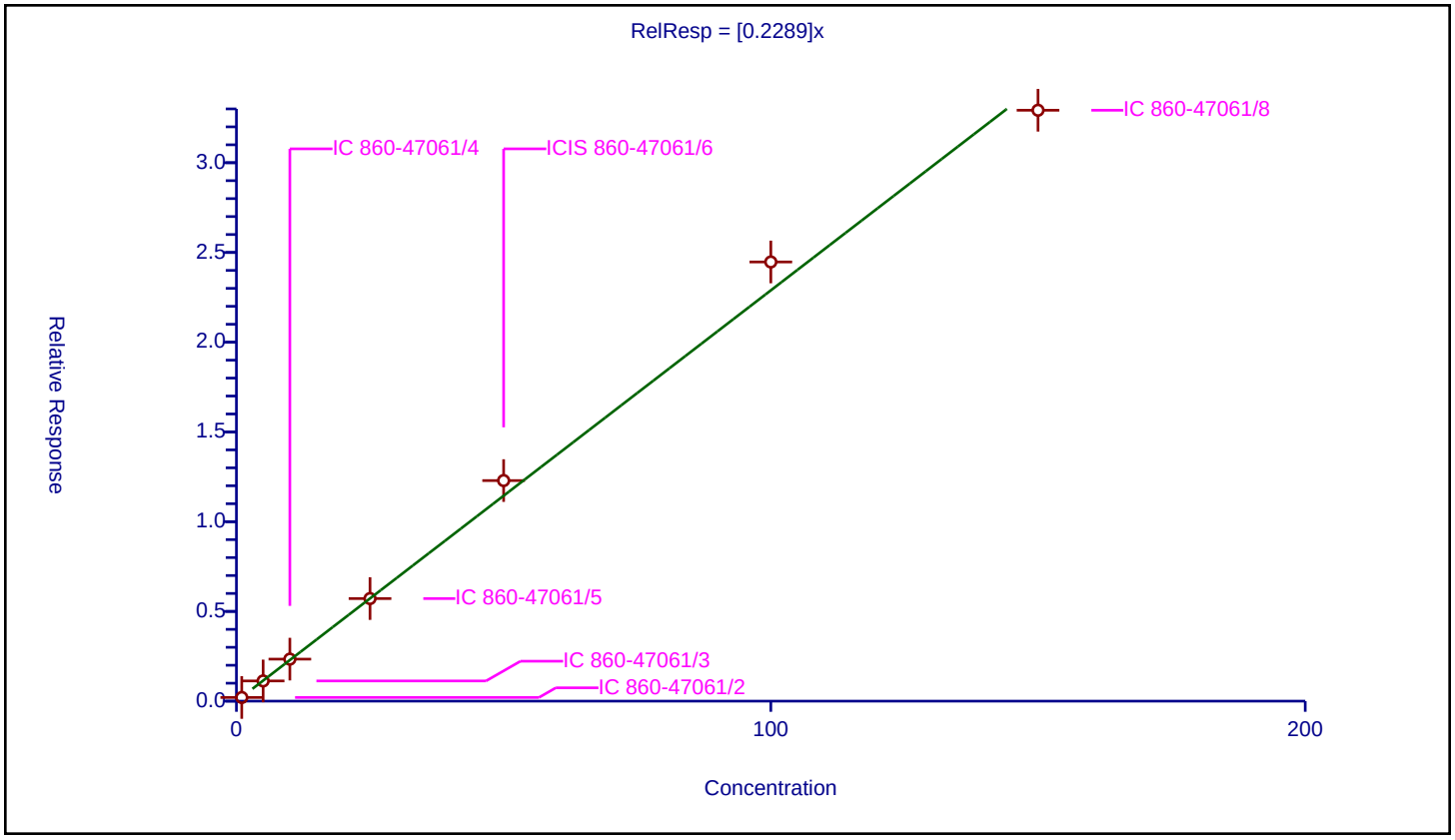
Curve Coefficients

Intercept:	0
Slope:	0.2289

Error Coefficients

Standard Error:	246000
Relative Standard Error:	6.4
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-47061/2	1.0	0.204289	50.0	731805.0	0.204289	Y
2	IC 860-47061/3	5.0	1.126043	50.0	710497.0	0.225209	Y
3	IC 860-47061/4	10.0	2.340663	50.0	709030.0	0.234066	Y
4	IC 860-47061/5	25.0	5.715535	50.0	693041.0	0.228621	Y
5	ICIS 860-47061/6	50.0	12.289645	50.0	690439.0	0.245793	Y
6	IC 860-47061/7	100.0	24.470487	50.0	702060.0	0.244705	Y
7	IC 860-47061/8	150.0	32.924472	50.0	694245.0	0.219496	Y



Calibration / Acetone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

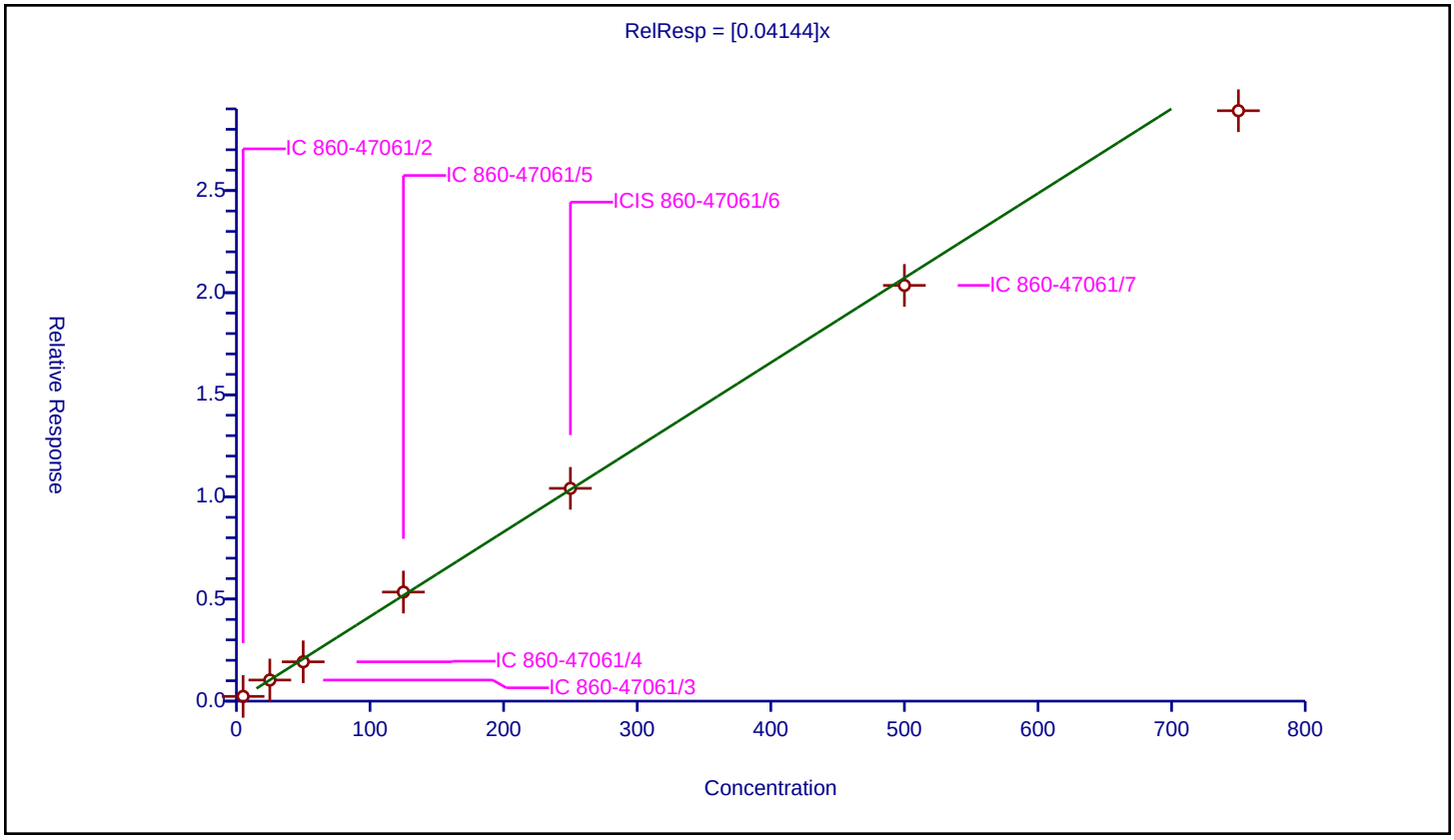
Curve Coefficients

Intercept:	0
Slope:	0.04144

Error Coefficients

Standard Error:	212000
Relative Standard Error:	6.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-47061/2	5.0	0.232712	50.0	731805.0	0.046542	Y
2	IC 860-47061/3	25.0	1.033995	50.0	710497.0	0.04136	Y
3	IC 860-47061/4	50.0	1.925306	50.0	709030.0	0.038506	Y
4	IC 860-47061/5	125.0	5.341387	50.0	693041.0	0.042731	Y
5	ICIS 860-47061/6	250.0	10.419096	50.0	690439.0	0.041676	Y
6	IC 860-47061/7	500.0	20.357662	50.0	702060.0	0.040715	Y
7	IC 860-47061/8	750.0	28.909391	50.0	694245.0	0.038546	Y



Calibration / Iodomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

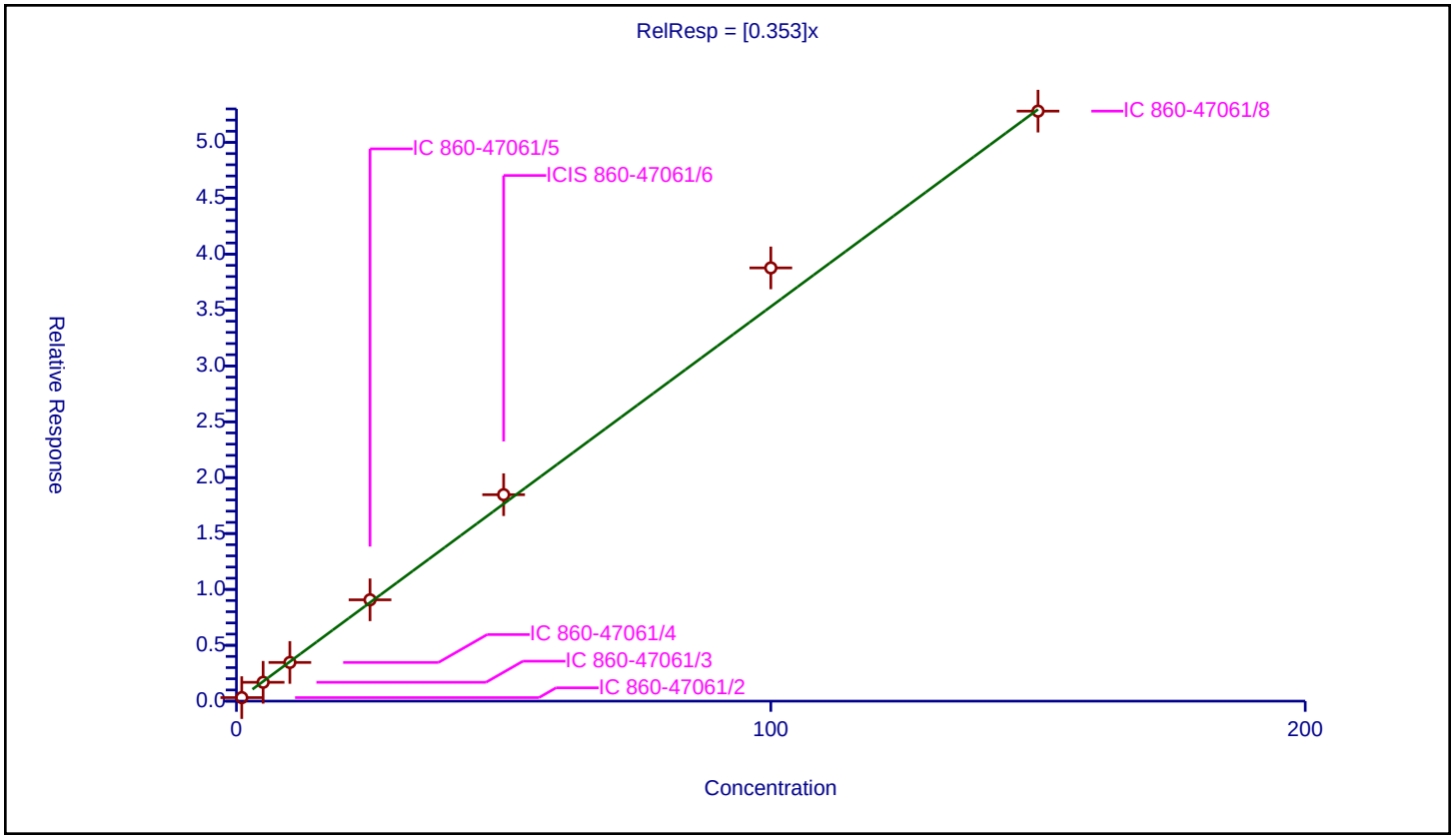
Curve Coefficients

Intercept:	0
Slope:	0.353

Error Coefficients

Standard Error:	391000
Relative Standard Error:	6.6
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-47061/2	1.0	0.315931	50.0	731805.0	0.315931	Y
2	IC 860-47061/3	5.0	1.686496	50.0	710497.0	0.337299	Y
3	IC 860-47061/4	10.0	3.461278	50.0	709030.0	0.346128	Y
4	IC 860-47061/5	25.0	9.068367	50.0	693041.0	0.362735	Y
5	ICIS 860-47061/6	50.0	18.47484	50.0	690439.0	0.369497	Y
6	IC 860-47061/7	100.0	38.770974	50.0	702060.0	0.38771	Y
7	IC 860-47061/8	150.0	52.799516	50.0	694245.0	0.351997	Y



Calibration / Carbon disulfide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

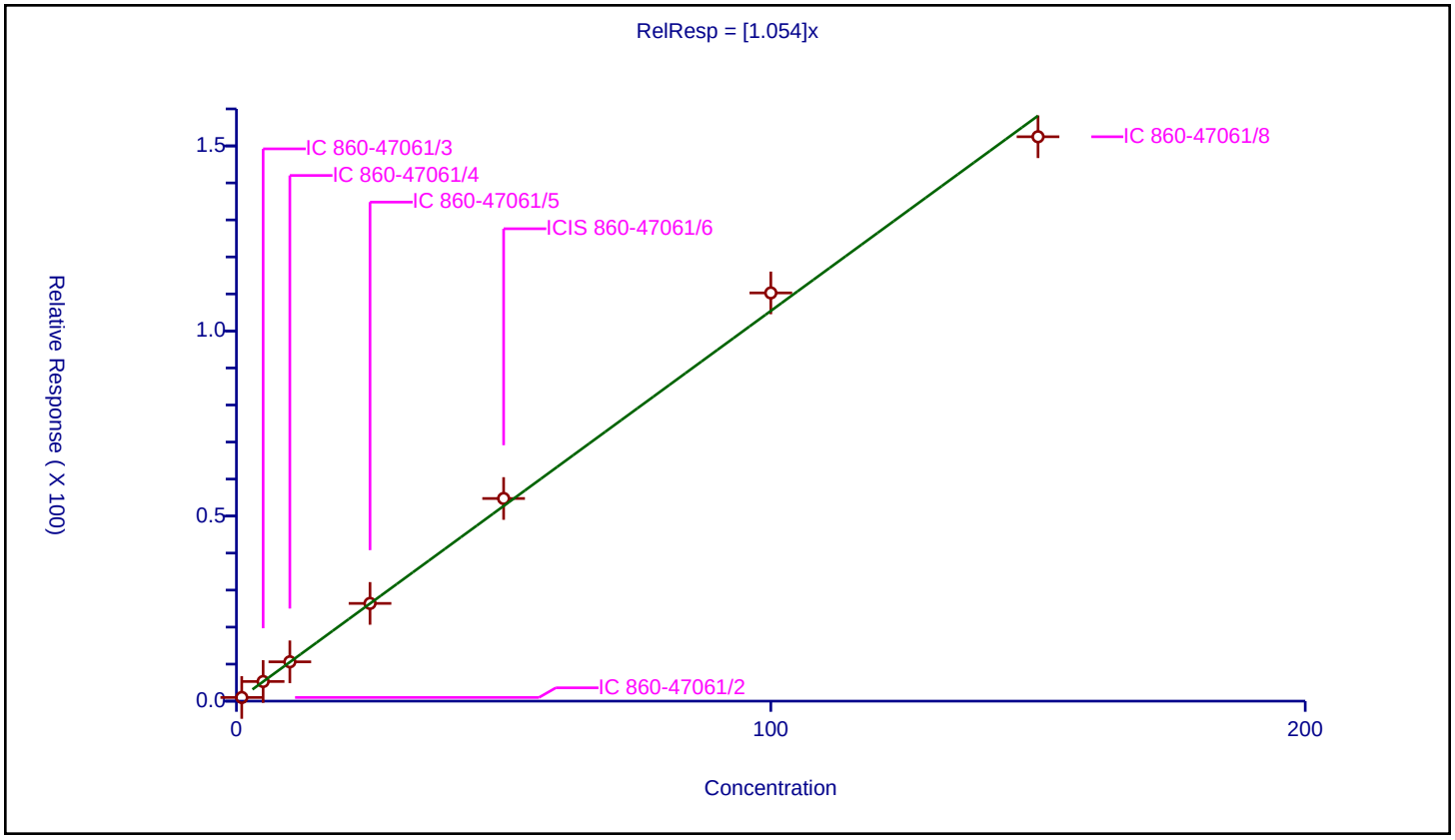
Curve Coefficients

Intercept:	0
Slope:	1.054

Error Coefficients

Standard Error:	1130000
Relative Standard Error:	3.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-47061/2	1.0	0.985918	50.0	731805.0	0.985918	Y
2	IC 860-47061/3	5.0	5.307623	50.0	710497.0	1.061525	Y
3	IC 860-47061/4	10.0	10.623105	50.0	709030.0	1.06231	Y
4	IC 860-47061/5	25.0	26.401901	50.0	693041.0	1.056076	Y
5	ICIS 860-47061/6	50.0	54.745387	50.0	690439.0	1.094908	Y
6	IC 860-47061/7	100.0	110.283736	50.0	702060.0	1.102837	Y
7	IC 860-47061/8	150.0	152.475639	50.0	694245.0	1.016504	Y



Calibration / Isopropyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

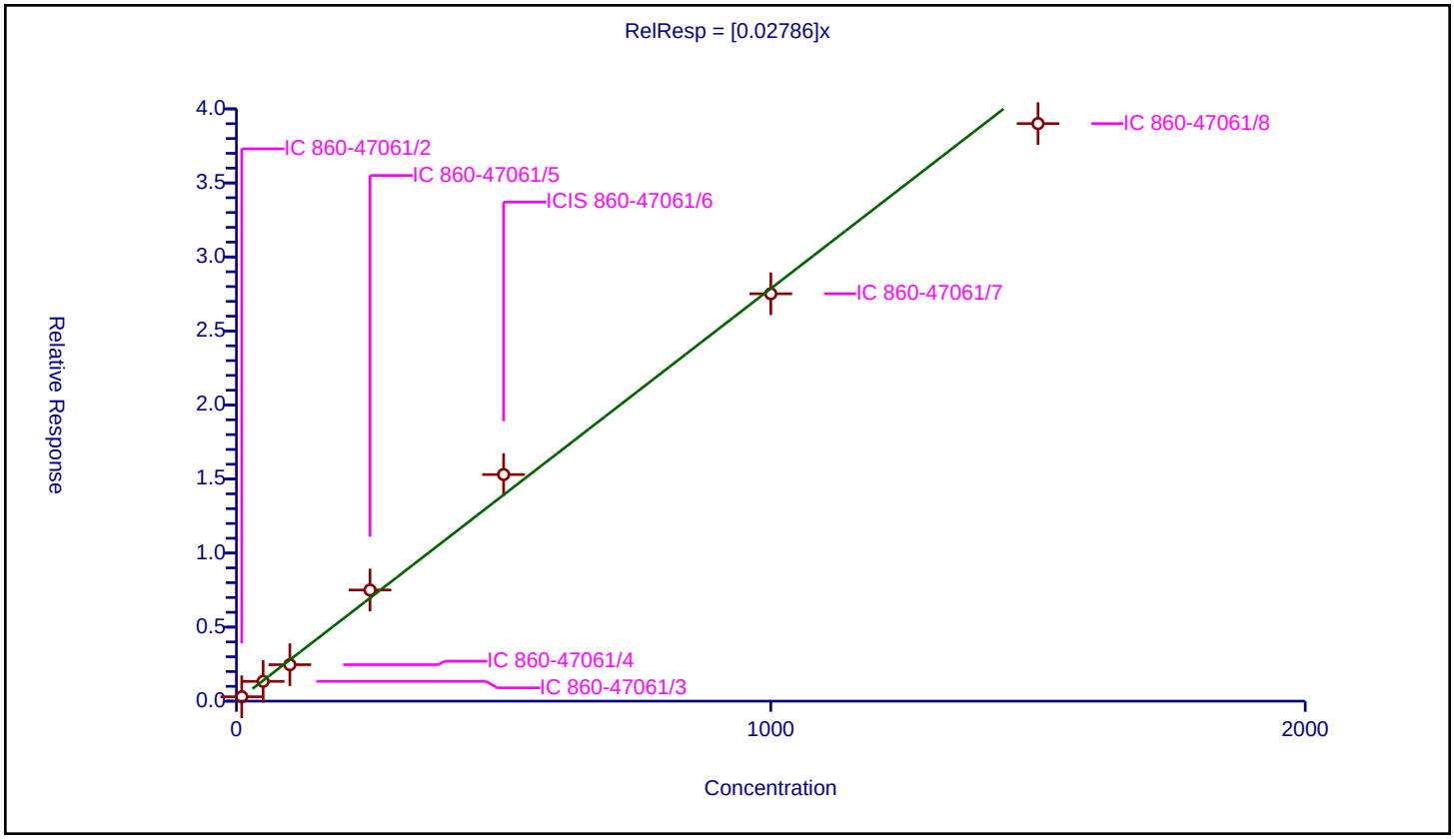
Curve Coefficients

Intercept:	0
Slope:	0.02786

Error Coefficients

Standard Error:	289000
Relative Standard Error:	8.1
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-47061/2	10.0	0.295707	50.0	731805.0	0.029571	Y
2	IC 860-47061/3	50.0	1.335262	50.0	710497.0	0.026705	Y
3	IC 860-47061/4	100.0	2.461885	50.0	709030.0	0.024619	Y
4	IC 860-47061/5	250.0	7.506266	50.0	693041.0	0.030025	Y
5	ICIS 860-47061/6	500.0	15.304393	50.0	690439.0	0.030609	Y
6	IC 860-47061/7	1000.0	27.513888	50.0	702060.0	0.027514	Y
7	IC 860-47061/8	1500.0	39.007483	50.0	694245.0	0.026005	Y



Calibration / Acetonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

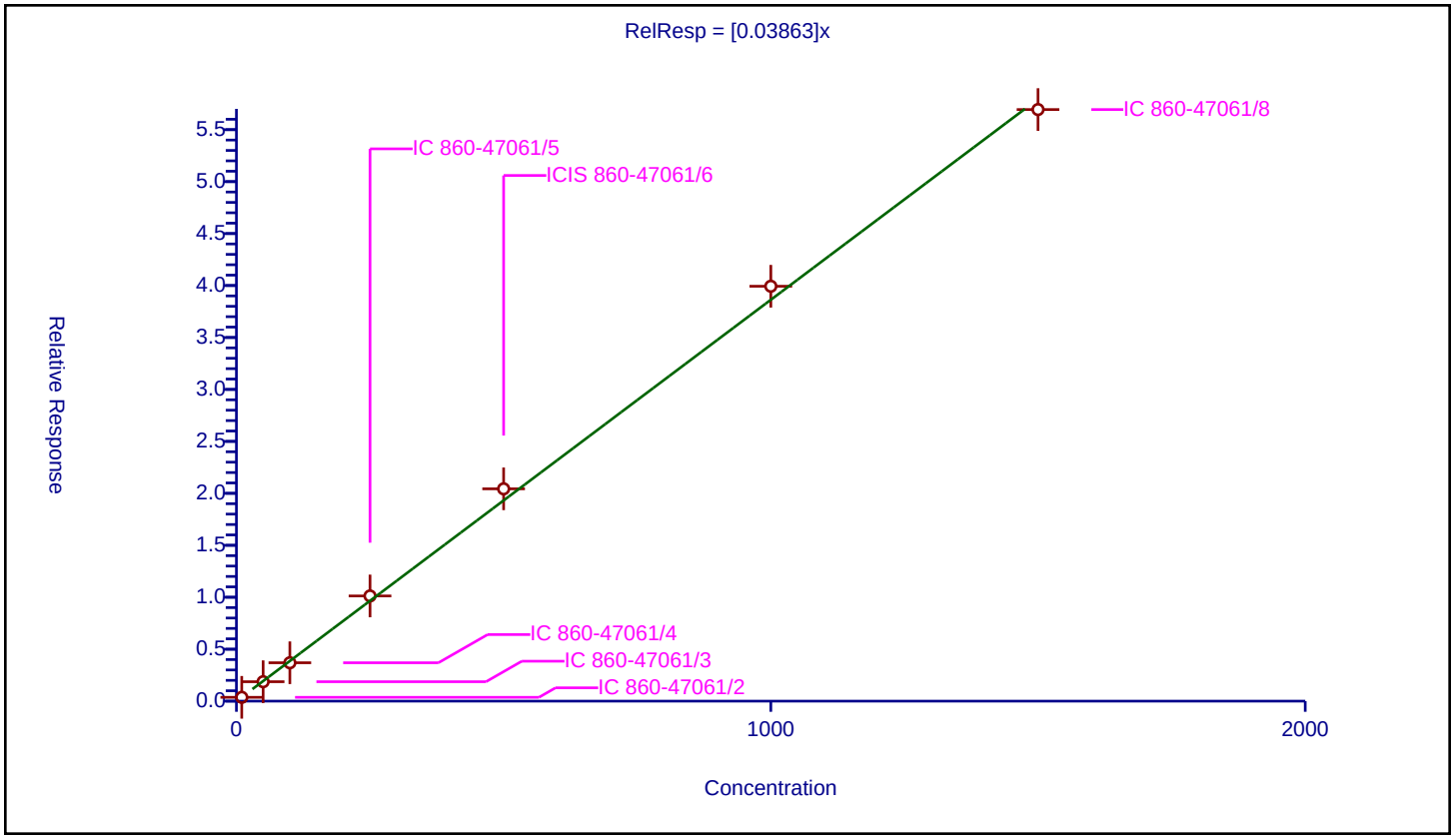
Curve Coefficients

Intercept:	0
Slope:	0.03863

Error Coefficients

Standard Error:	417000
Relative Standard Error:	4.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-47061/2	10.0	0.367858	50.0	731805.0	0.036786	Y
2	IC 860-47061/3	50.0	1.871155	50.0	710497.0	0.037423	Y
3	IC 860-47061/4	100.0	3.693779	50.0	709030.0	0.036938	Y
4	IC 860-47061/5	250.0	10.124365	50.0	693041.0	0.040497	Y
5	ICIS 860-47061/6	500.0	20.432725	50.0	690439.0	0.040865	Y
6	IC 860-47061/7	1000.0	39.931487	50.0	702060.0	0.039931	Y
7	IC 860-47061/8	1500.0	56.936024	50.0	694245.0	0.037957	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

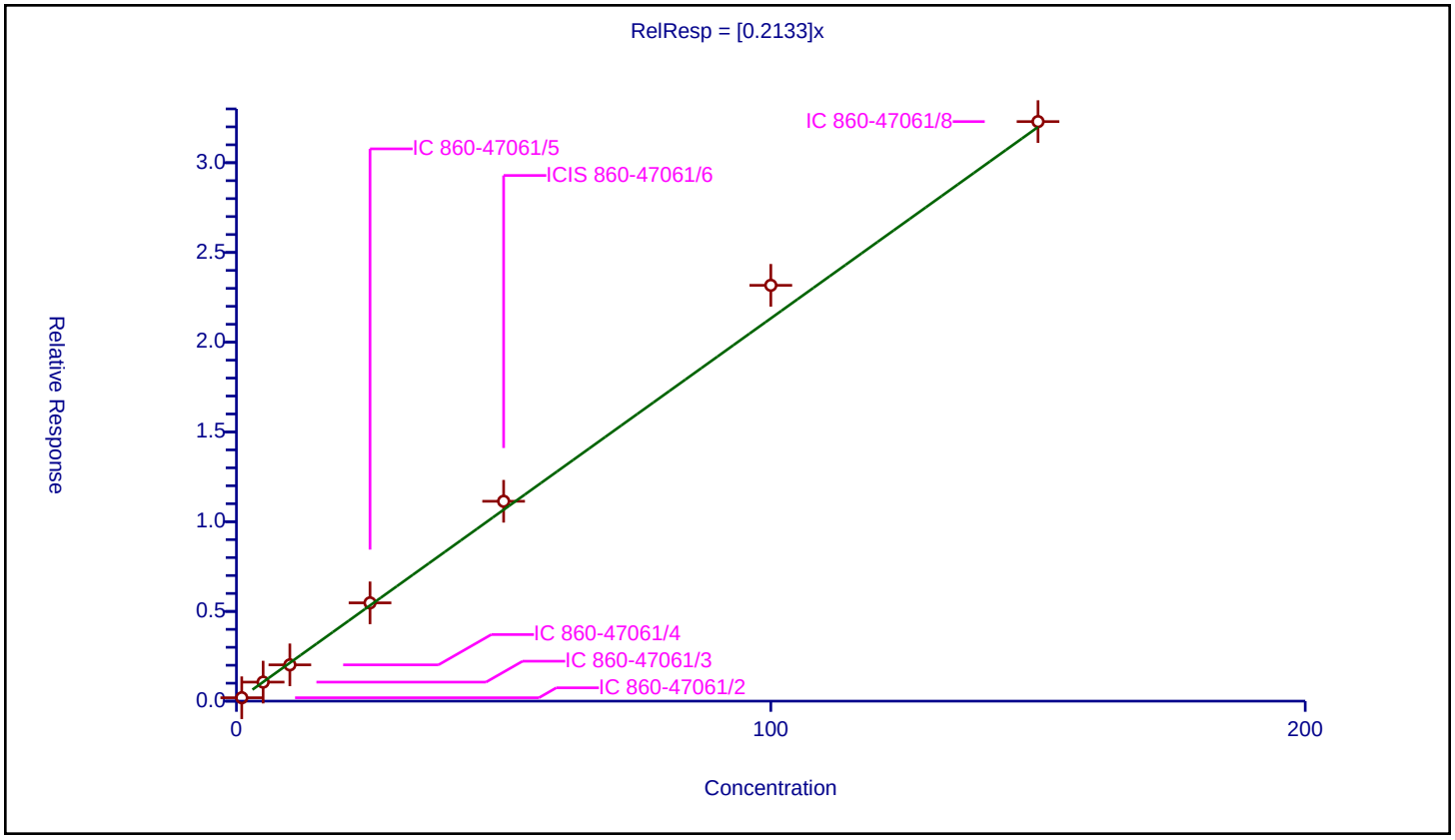
Curve Coefficients

Intercept:	0
Slope:	0.2133

Error Coefficients

Standard Error:	237000
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 860-47061/2	1.0	0.189873	50.0	731805.0	0.189873	Y
2	IC 860-47061/3	5.0	1.060173	50.0	710497.0	0.212035	Y
3	IC 860-47061/4	10.0	2.022129	50.0	709030.0	0.202213	Y
4	IC 860-47061/5	25.0	5.476588	50.0	693041.0	0.219064	Y
5	ICIS 860-47061/6	50.0	11.136972	50.0	690439.0	0.222739	Y
6	IC 860-47061/7	100.0	23.170313	50.0	702060.0	0.231703	Y
7	IC 860-47061/8	150.0	32.292058	50.0	694245.0	0.21528	Y



Calibration / Methyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

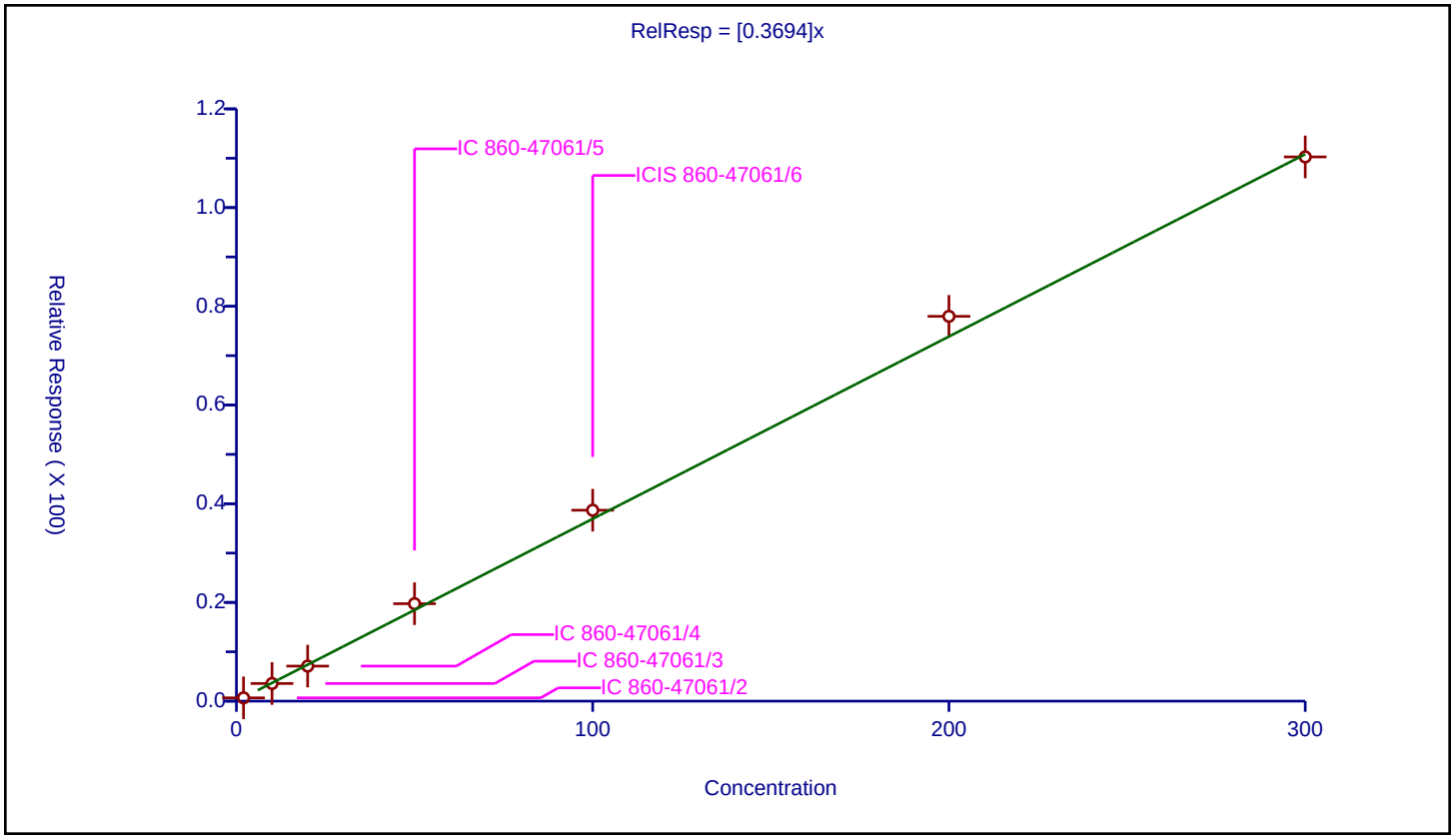
Curve Coefficients

Intercept:	0
Slope:	0.3694

Error Coefficients

Standard Error:	808000
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 860-47061/2	2.0	0.668416	50.0	731805.0	0.334208	Y
2	IC 860-47061/3	10.0	3.573977	50.0	710497.0	0.357398	Y
3	IC 860-47061/4	20.0	7.096526	50.0	709030.0	0.354826	Y
4	IC 860-47061/5	50.0	19.745729	50.0	693041.0	0.394915	Y
5	ICIS 860-47061/6	100.0	38.684663	50.0	690439.0	0.386847	Y
6	IC 860-47061/7	200.0	77.96741	50.0	702060.0	0.389837	Y
7	IC 860-47061/8	300.0	110.272094	50.0	694245.0	0.367574	Y



Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

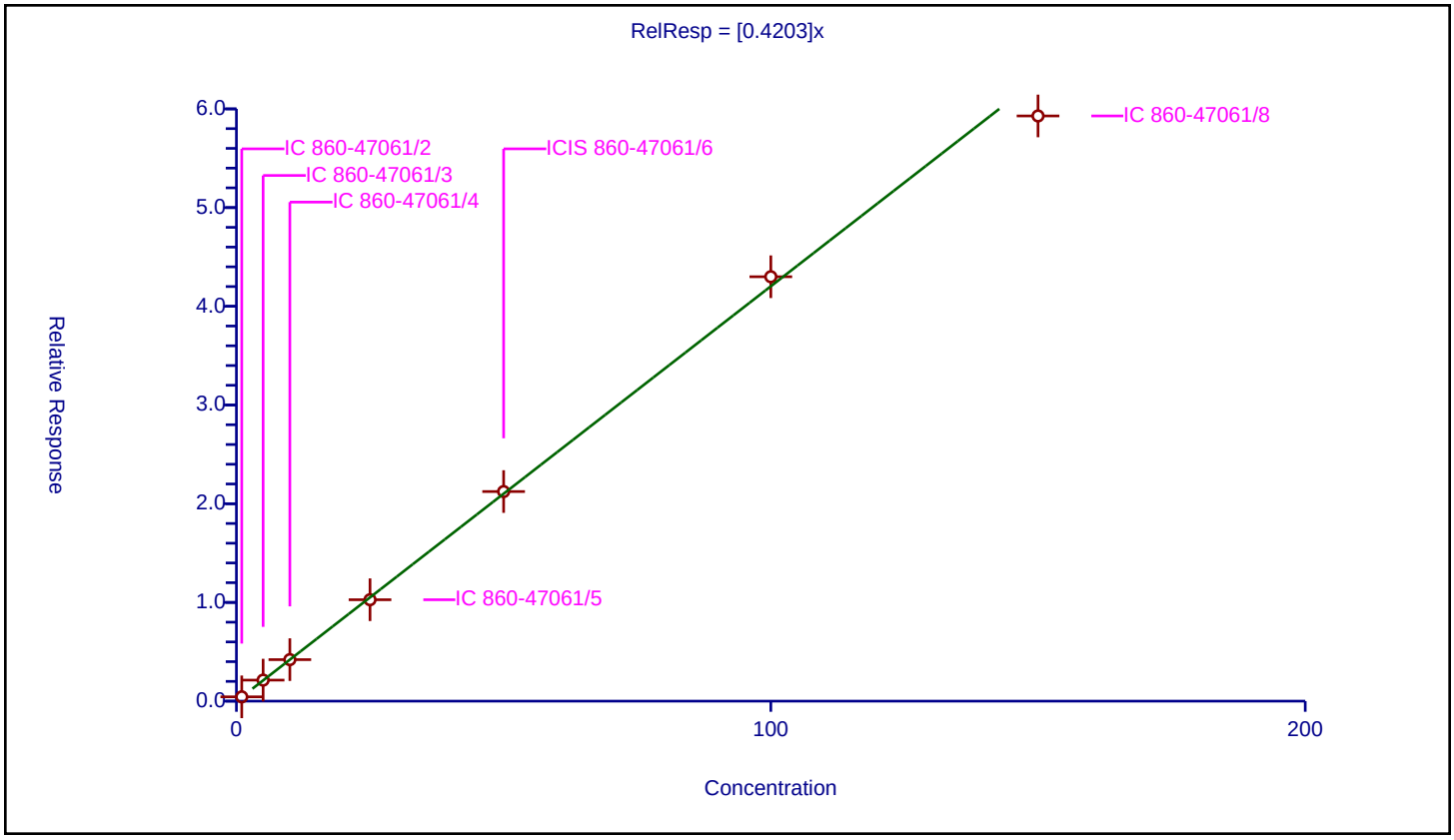
Curve Coefficients

Intercept:	0
Slope:	0.4203

Error Coefficients

Standard Error:	438000
Relative Standard Error:	3.2
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-47061/2	1.0	0.43461	50.0	731805.0	0.43461	Y
2	IC 860-47061/3	5.0	2.13034	50.0	710497.0	0.426068	Y
3	IC 860-47061/4	10.0	4.204618	50.0	709030.0	0.420462	Y
4	IC 860-47061/5	25.0	10.273851	50.0	693041.0	0.410954	Y
5	ICIS 860-47061/6	50.0	21.232651	50.0	690439.0	0.424653	Y
6	IC 860-47061/7	100.0	42.995898	50.0	702060.0	0.429959	Y
7	IC 860-47061/8	150.0	59.285699	50.0	694245.0	0.395238	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

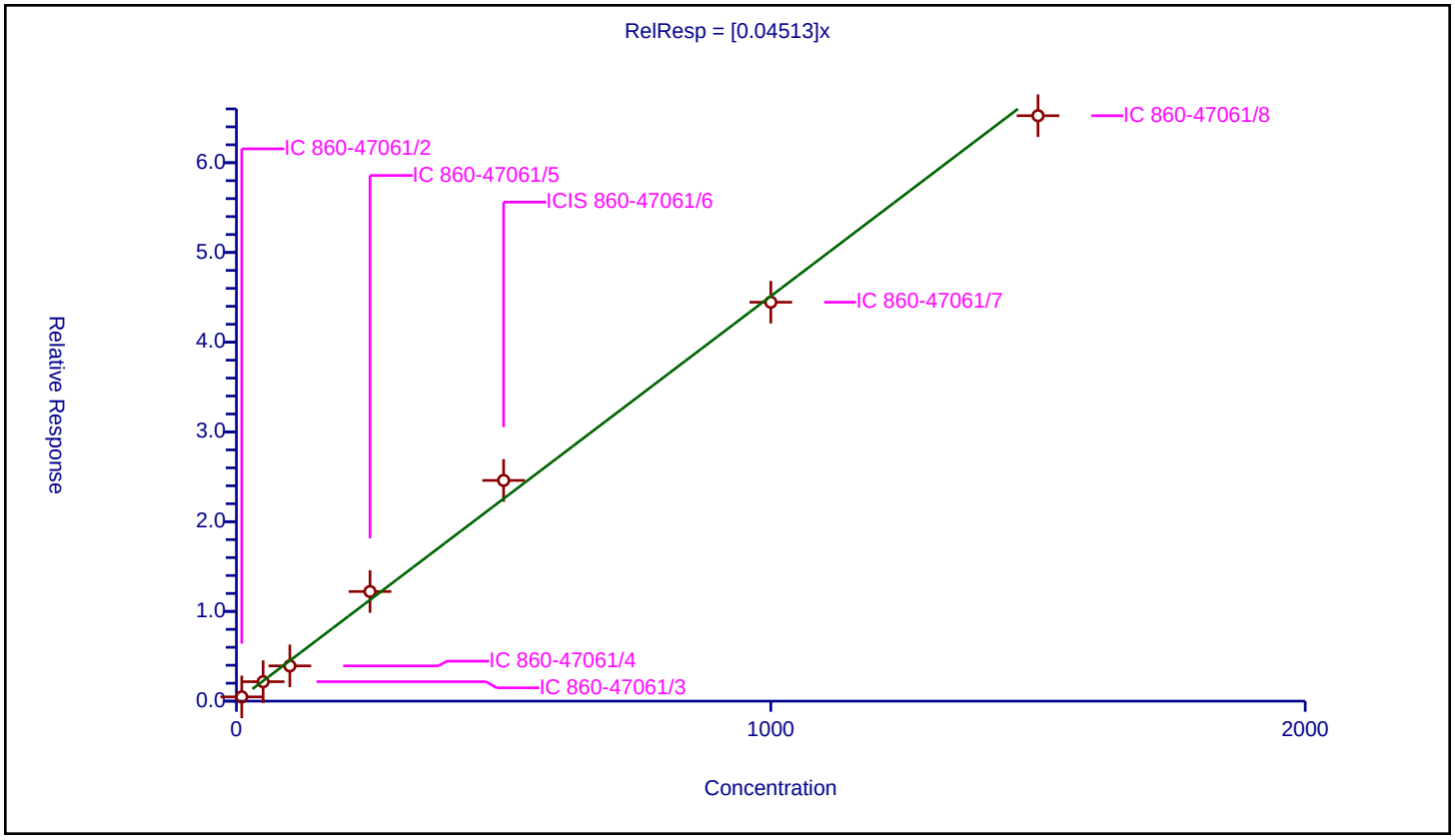
Curve Coefficients

Intercept:	0
Slope:	0.04513

Error Coefficients

Standard Error:	476000
Relative Standard Error:	7.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-47061/2	10.0	0.473009	50.0	731805.0	0.047301	Y
2	IC 860-47061/3	50.0	2.166793	50.0	710497.0	0.043336	Y
3	IC 860-47061/4	100.0	3.926985	50.0	709030.0	0.03927	Y
4	IC 860-47061/5	250.0	12.215439	50.0	693041.0	0.048862	Y
5	ICIS 860-47061/6	500.0	24.59877	50.0	690439.0	0.049198	Y
6	IC 860-47061/7	1000.0	44.457026	50.0	702060.0	0.044457	Y
7	IC 860-47061/8	1500.0	65.239001	50.0	694245.0	0.043493	Y



Calibration / Acrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

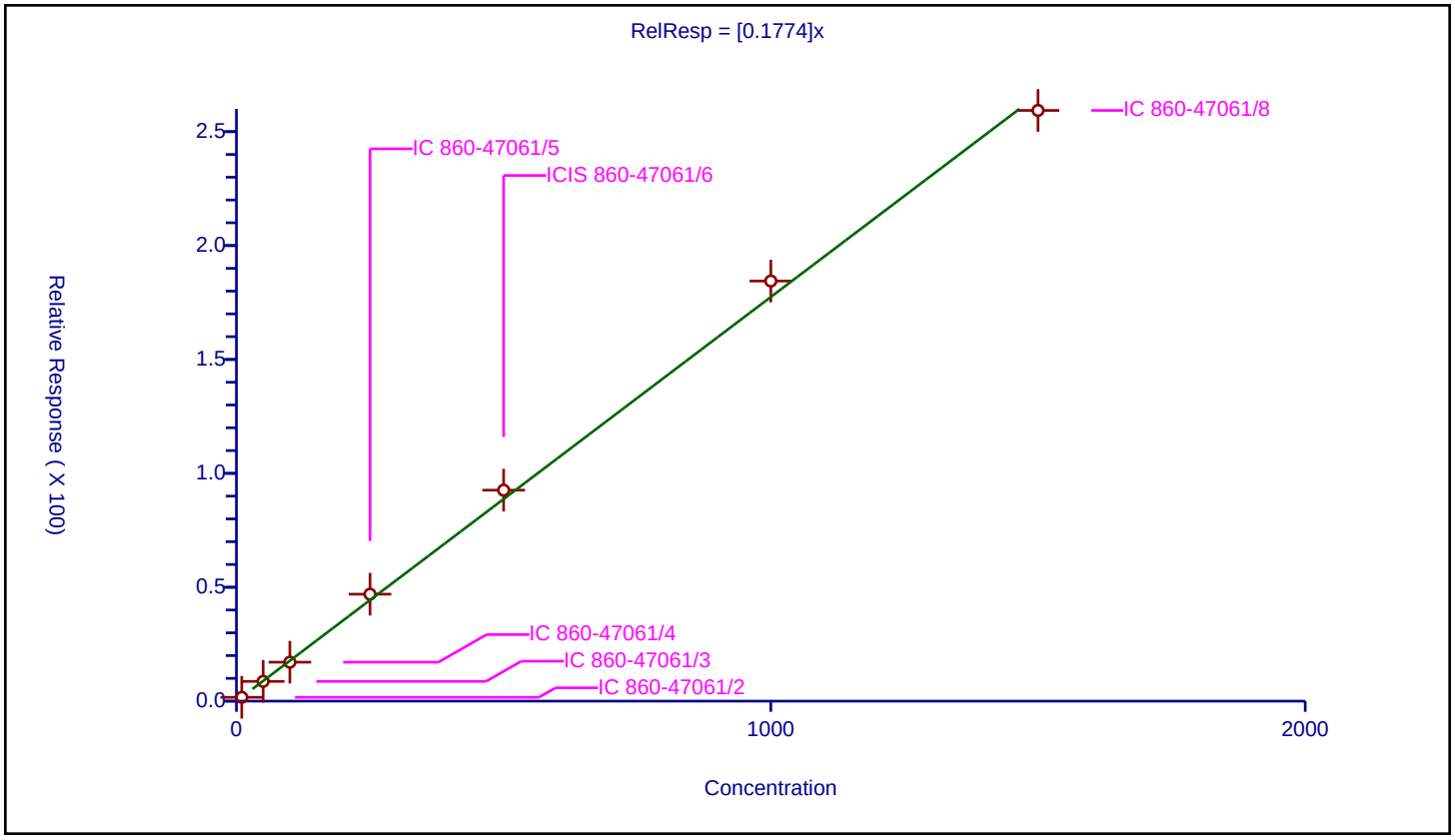
Curve Coefficients

Intercept:	0
Slope:	0.1774

Error Coefficients

Standard Error:	1910000
Relative Standard Error:	4.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-47061/2	10.0	1.67285	50.0	731805.0	0.167285	Y
2	IC 860-47061/3	50.0	8.666891	50.0	710497.0	0.173338	Y
3	IC 860-47061/4	100.0	17.099911	50.0	709030.0	0.170999	Y
4	IC 860-47061/5	250.0	46.955086	50.0	693041.0	0.18782	Y
5	ICIS 860-47061/6	500.0	92.624403	50.0	690439.0	0.185249	Y
6	IC 860-47061/7	1000.0	184.435447	50.0	702060.0	0.184435	Y
7	IC 860-47061/8	1500.0	259.323726	50.0	694245.0	0.172882	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

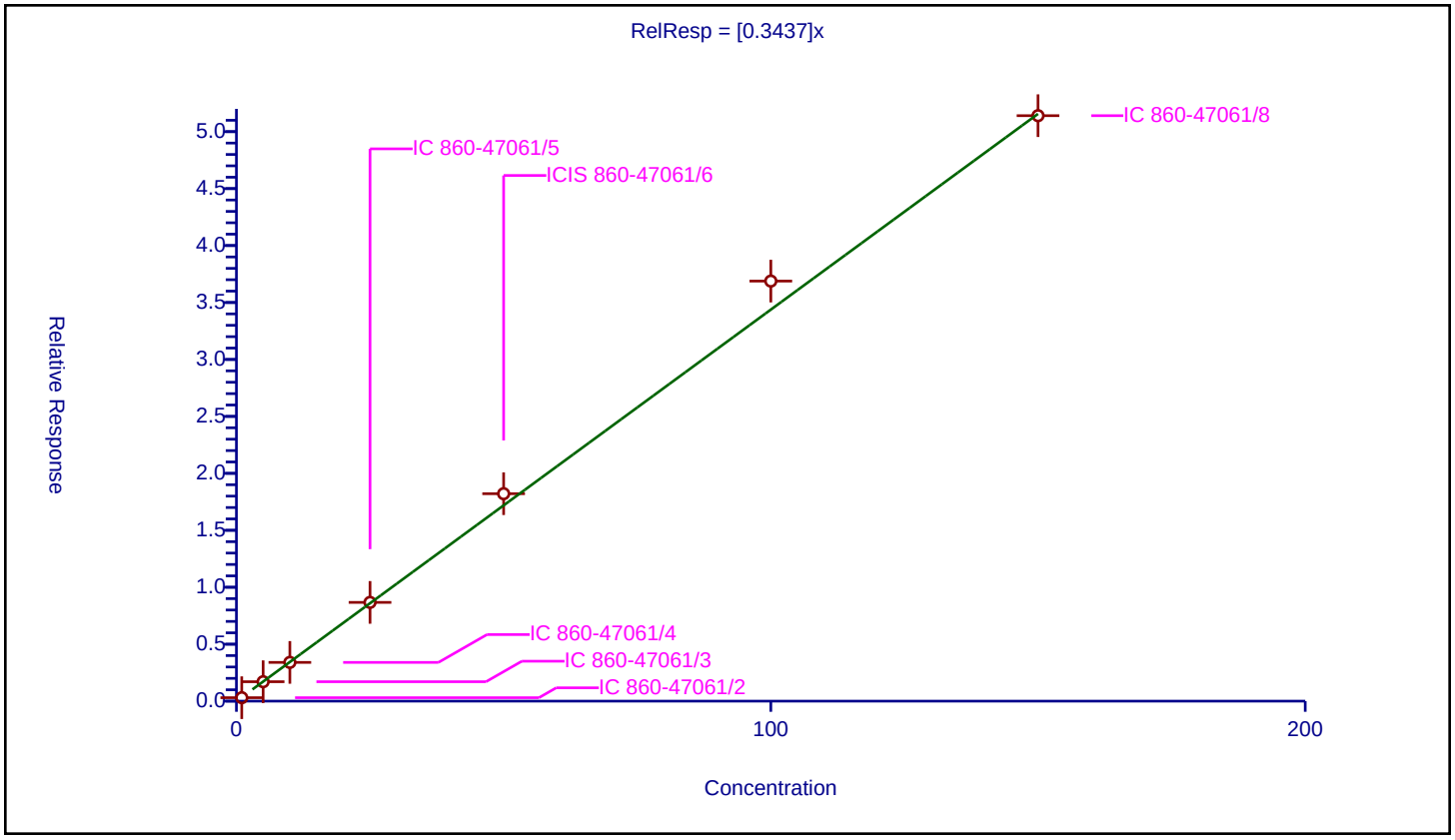
Curve Coefficients

Intercept:	0
Slope:	0.3437

Error Coefficients

Standard Error:	378000
Relative Standard Error:	6.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-47061/2	1.0	0.302335	50.0	731805.0	0.302335	Y
2	IC 860-47061/3	5.0	1.705567	50.0	710497.0	0.341113	Y
3	IC 860-47061/4	10.0	3.402113	50.0	709030.0	0.340211	Y
4	IC 860-47061/5	25.0	8.669689	50.0	693041.0	0.346788	Y
5	ICIS 860-47061/6	50.0	18.213557	50.0	690439.0	0.364271	Y
6	IC 860-47061/7	100.0	36.880751	50.0	702060.0	0.368808	Y
7	IC 860-47061/8	150.0	51.404403	50.0	694245.0	0.342696	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

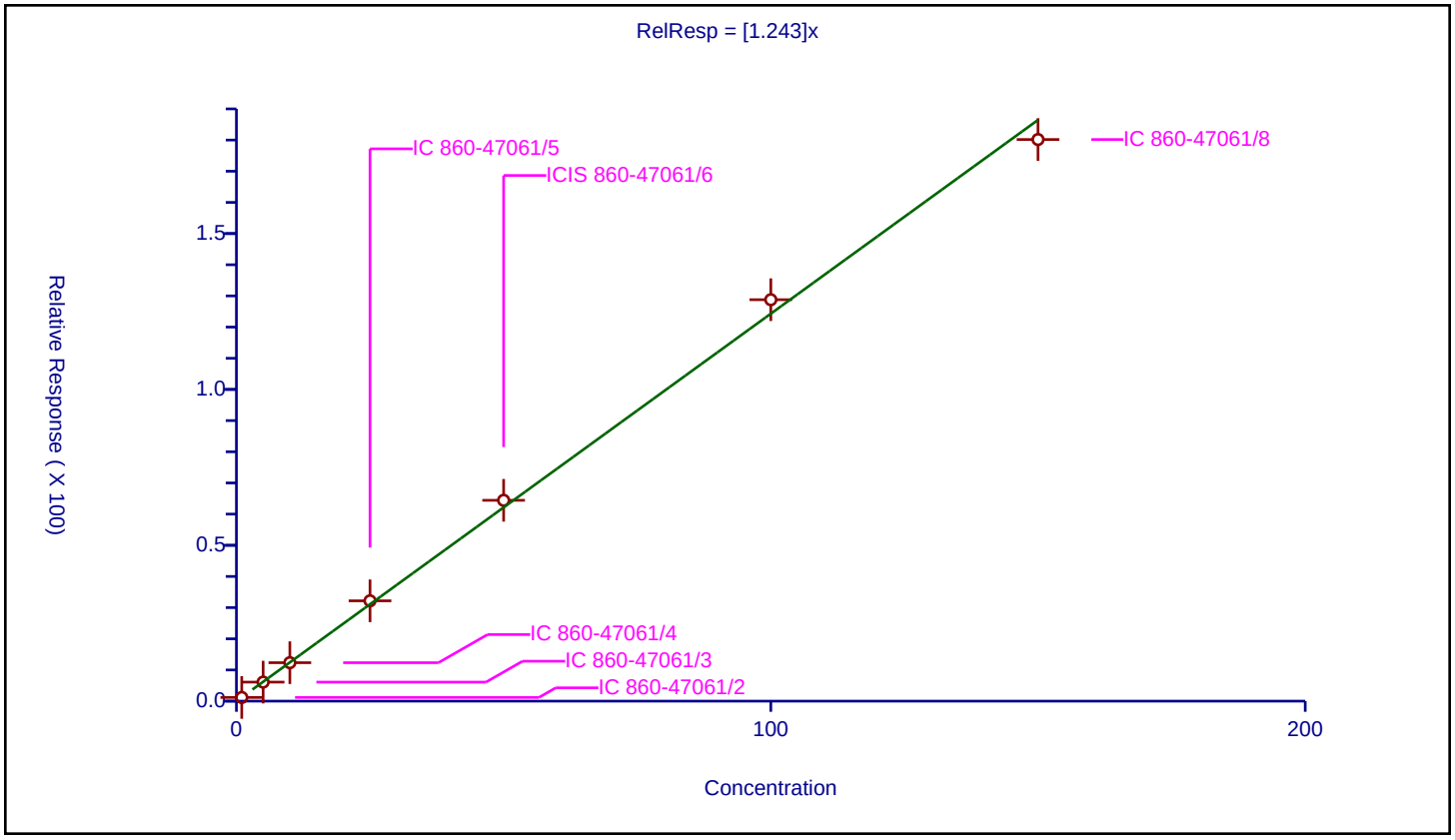
Curve Coefficients

Intercept:	0
Slope:	1.243

Error Coefficients

Standard Error:	1330000
Relative Standard Error:	3.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-47061/2	1.0	1.181599	50.0	731805.0	1.181599	Y
2	IC 860-47061/3	5.0	6.105585	50.0	710497.0	1.221117	Y
3	IC 860-47061/4	10.0	12.333258	50.0	709030.0	1.233326	Y
4	IC 860-47061/5	25.0	32.184027	50.0	693041.0	1.287361	Y
5	ICIS 860-47061/6	50.0	64.432412	50.0	690439.0	1.288648	Y
6	IC 860-47061/7	100.0	128.782796	50.0	702060.0	1.287828	Y
7	IC 860-47061/8	150.0	180.170041	50.0	694245.0	1.201134	Y



Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

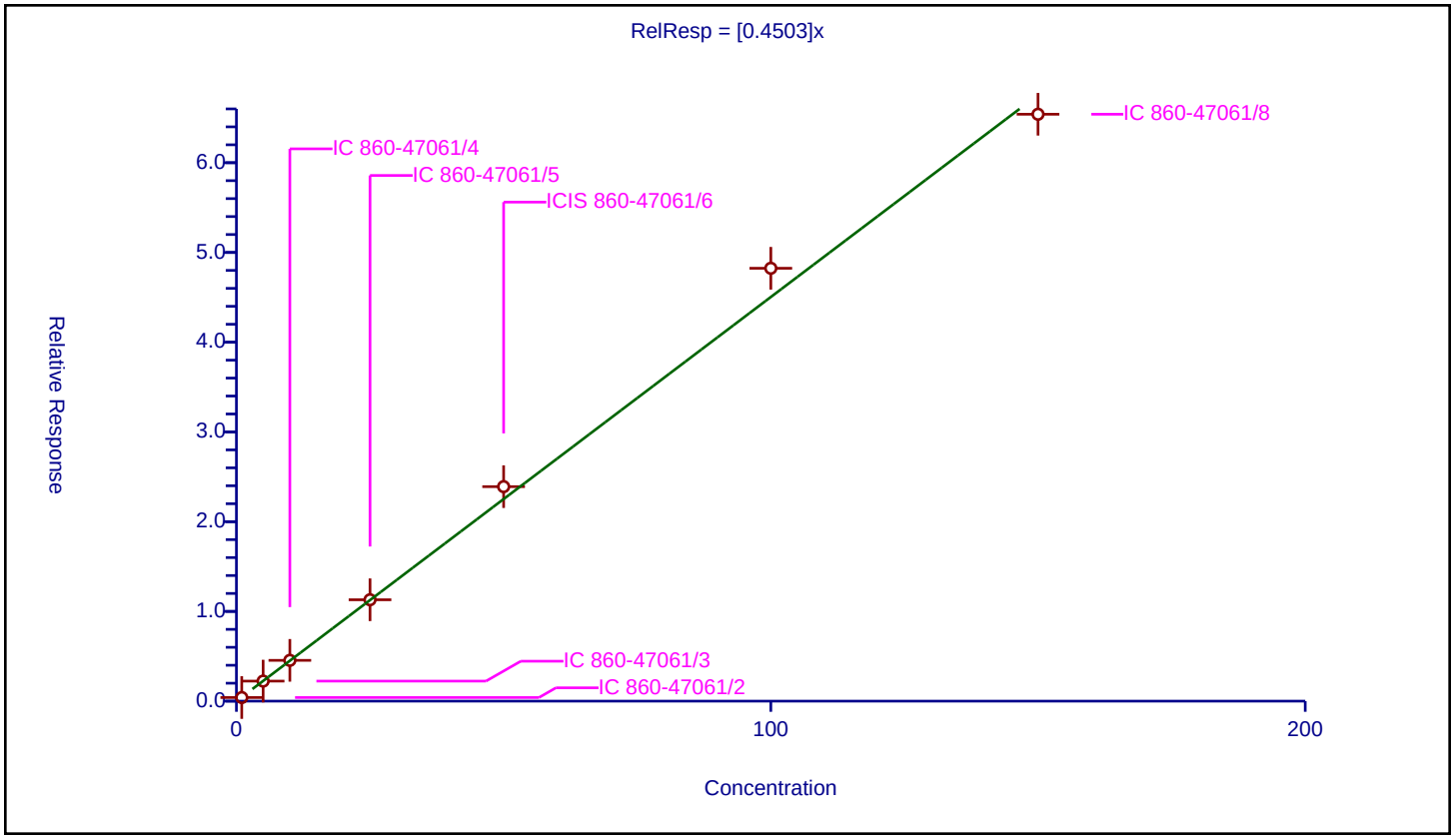
Curve Coefficients

Intercept:	0
Slope:	0.4503

Error Coefficients

Standard Error:	487000
Relative Standard Error:	5.9
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-47061/2	1.0	0.402908	50.0	731805.0	0.402908	Y
2	IC 860-47061/3	5.0	2.232451	50.0	710497.0	0.44649	Y
3	IC 860-47061/4	10.0	4.546423	50.0	709030.0	0.454642	Y
4	IC 860-47061/5	25.0	11.298826	50.0	693041.0	0.451953	Y
5	ICIS 860-47061/6	50.0	23.902184	50.0	690439.0	0.478044	Y
6	IC 860-47061/7	100.0	48.237473	50.0	702060.0	0.482375	Y
7	IC 860-47061/8	150.0	65.402127	50.0	694245.0	0.436014	Y



Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

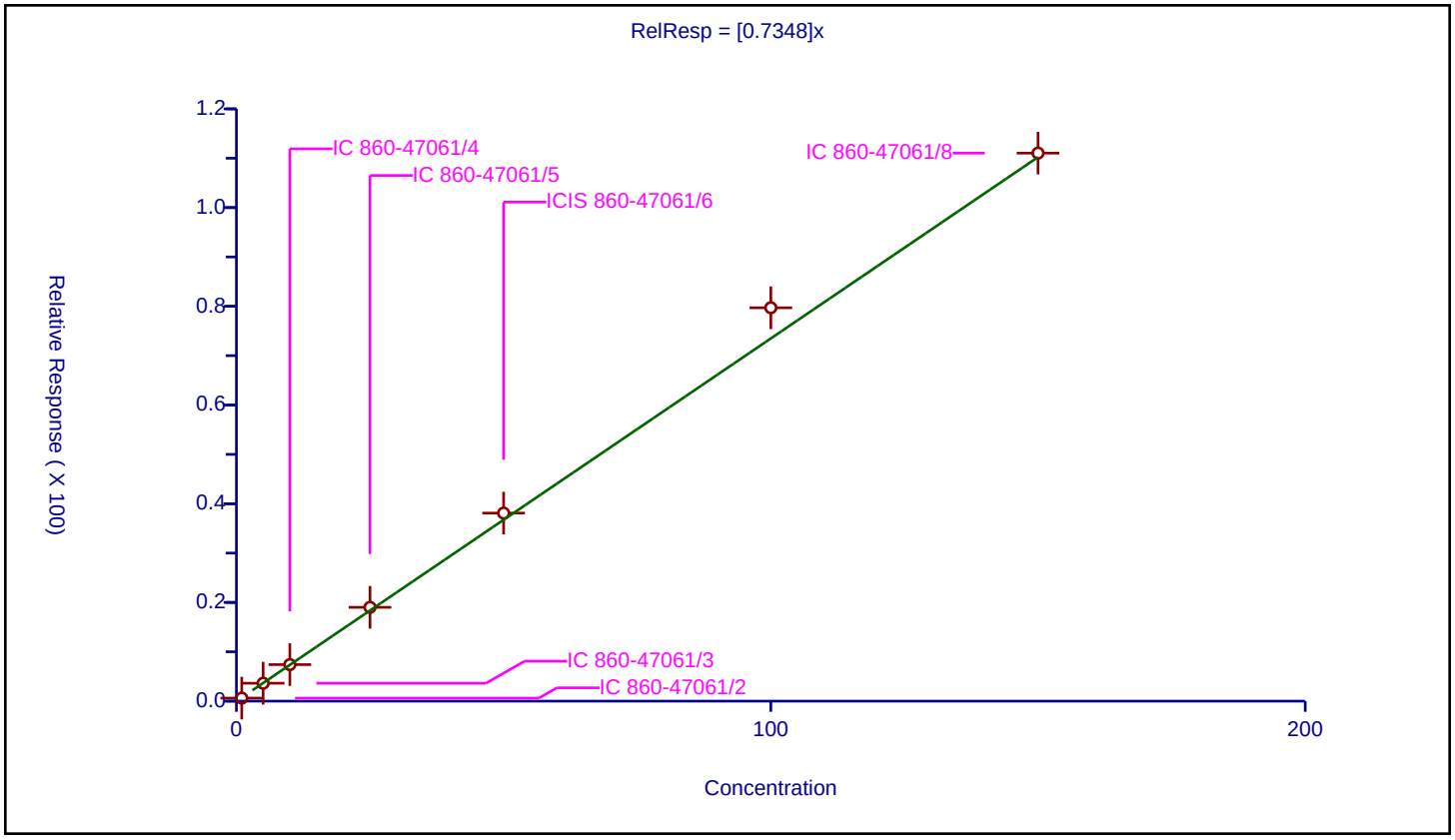
Curve Coefficients

Intercept:	0
Slope:	0.7348

Error Coefficients

Standard Error:	815000
Relative Standard Error:	7.7
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-47061/2	1.0	0.618197	50.0	731805.0	0.618197	Y
2	IC 860-47061/3	5.0	3.627672	50.0	710497.0	0.725534	Y
3	IC 860-47061/4	10.0	7.403213	50.0	709030.0	0.740321	Y
4	IC 860-47061/5	25.0	19.011285	50.0	693041.0	0.760451	Y
5	ICIS 860-47061/6	50.0	38.100904	50.0	690439.0	0.762018	Y
6	IC 860-47061/7	100.0	79.705082	50.0	702060.0	0.797051	Y
7	IC 860-47061/8	150.0	111.033929	50.0	694245.0	0.740226	Y



Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

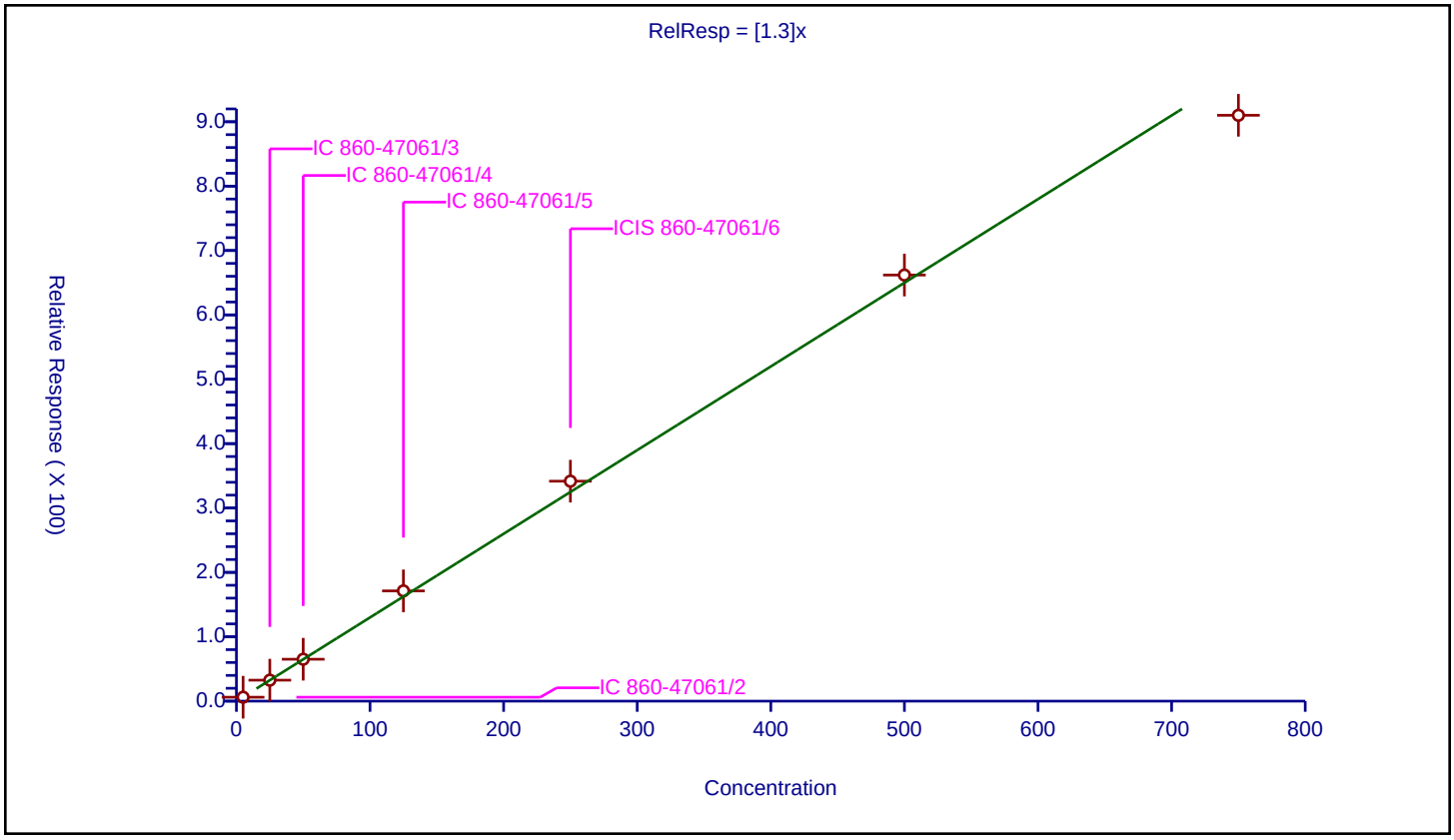
Curve Coefficients

Intercept:	0
Slope:	1.3

Error Coefficients

Standard Error:	6770000
Relative Standard Error:	4.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-47061/2	5.0	6.095886	50.0	731805.0	1.219177	Y
2	IC 860-47061/3	25.0	32.568188	50.0	710497.0	1.302728	Y
3	IC 860-47061/4	50.0	65.092027	50.0	709030.0	1.301841	Y
4	IC 860-47061/5	125.0	171.28395	50.0	693041.0	1.370272	Y
5	ICIS 860-47061/6	250.0	341.69398	50.0	690439.0	1.366776	Y
6	IC 860-47061/7	500.0	661.924622	50.0	702060.0	1.323849	Y
7	IC 860-47061/8	750.0	910.052503	50.0	694245.0	1.213403	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

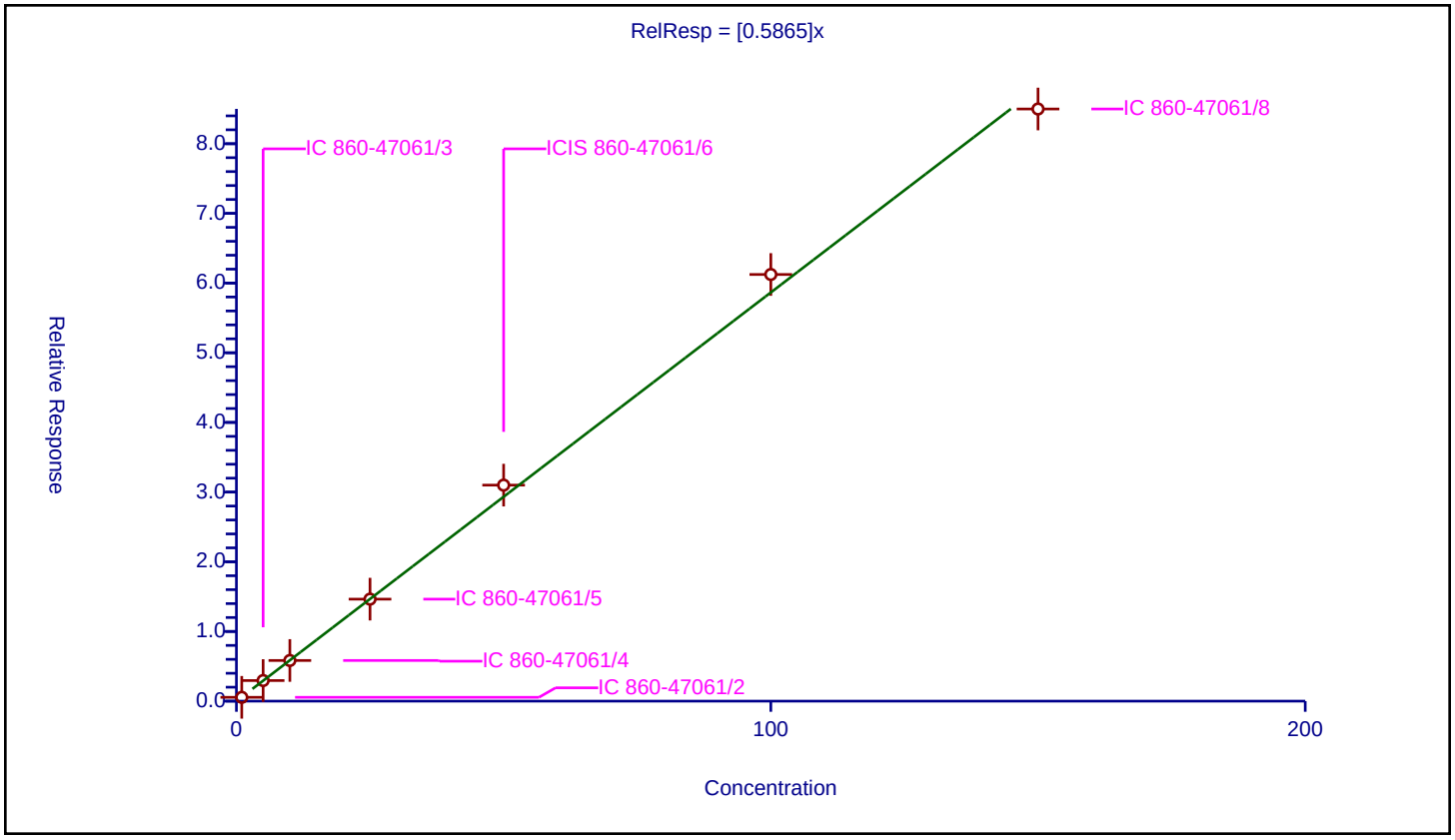
Curve Coefficients

Intercept:	0
Slope:	0.5865

Error Coefficients

Standard Error:	628000
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 860-47061/2	1.0	0.546662	50.0	731805.0	0.546662	Y
2	IC 860-47061/3	5.0	2.955396	50.0	710497.0	0.591079	Y
3	IC 860-47061/4	10.0	5.834944	50.0	709030.0	0.583494	Y
4	IC 860-47061/5	25.0	14.639249	50.0	693041.0	0.58557	Y
5	ICIS 860-47061/6	50.0	31.001435	50.0	690439.0	0.620029	Y
6	IC 860-47061/7	100.0	61.233584	50.0	702060.0	0.612336	Y
7	IC 860-47061/8	150.0	84.98592	50.0	694245.0	0.566573	Y



Calibration / Isopropyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

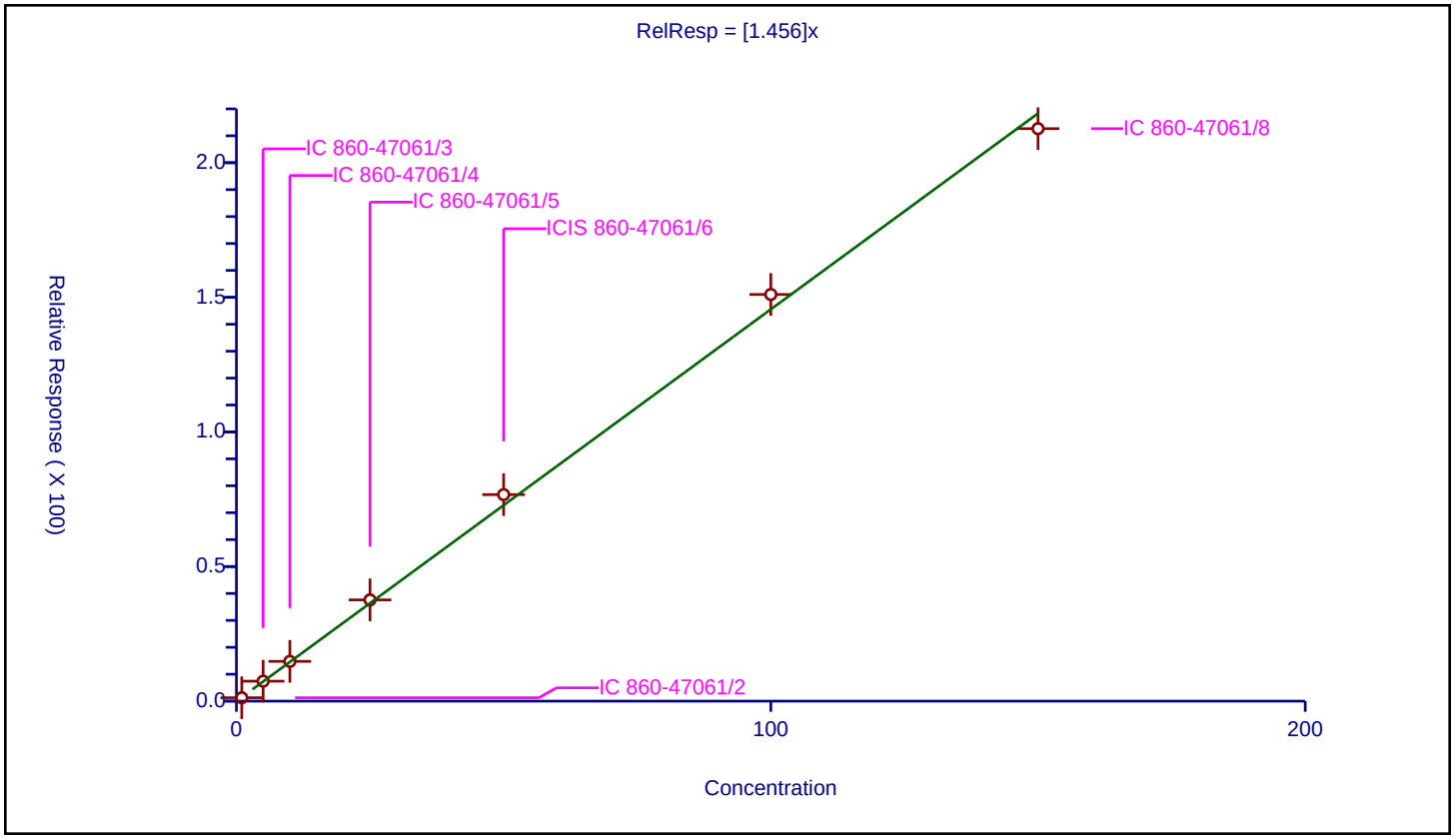
Curve Coefficients

Intercept:	0
Slope:	1.456

Error Coefficients

Standard Error:	1560000
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 860-47061/2	1.0	1.262017	50.0	731805.0	1.262017	Y
2	IC 860-47061/3	5.0	7.410376	50.0	710497.0	1.482075	Y
3	IC 860-47061/4	10.0	14.773846	50.0	709030.0	1.477385	Y
4	IC 860-47061/5	25.0	37.611916	50.0	693041.0	1.504477	Y
5	ICIS 860-47061/6	50.0	76.71887	50.0	690439.0	1.534377	Y
6	IC 860-47061/7	100.0	151.062801	50.0	702060.0	1.510628	Y
7	IC 860-47061/8	150.0	212.656987	50.0	694245.0	1.417713	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

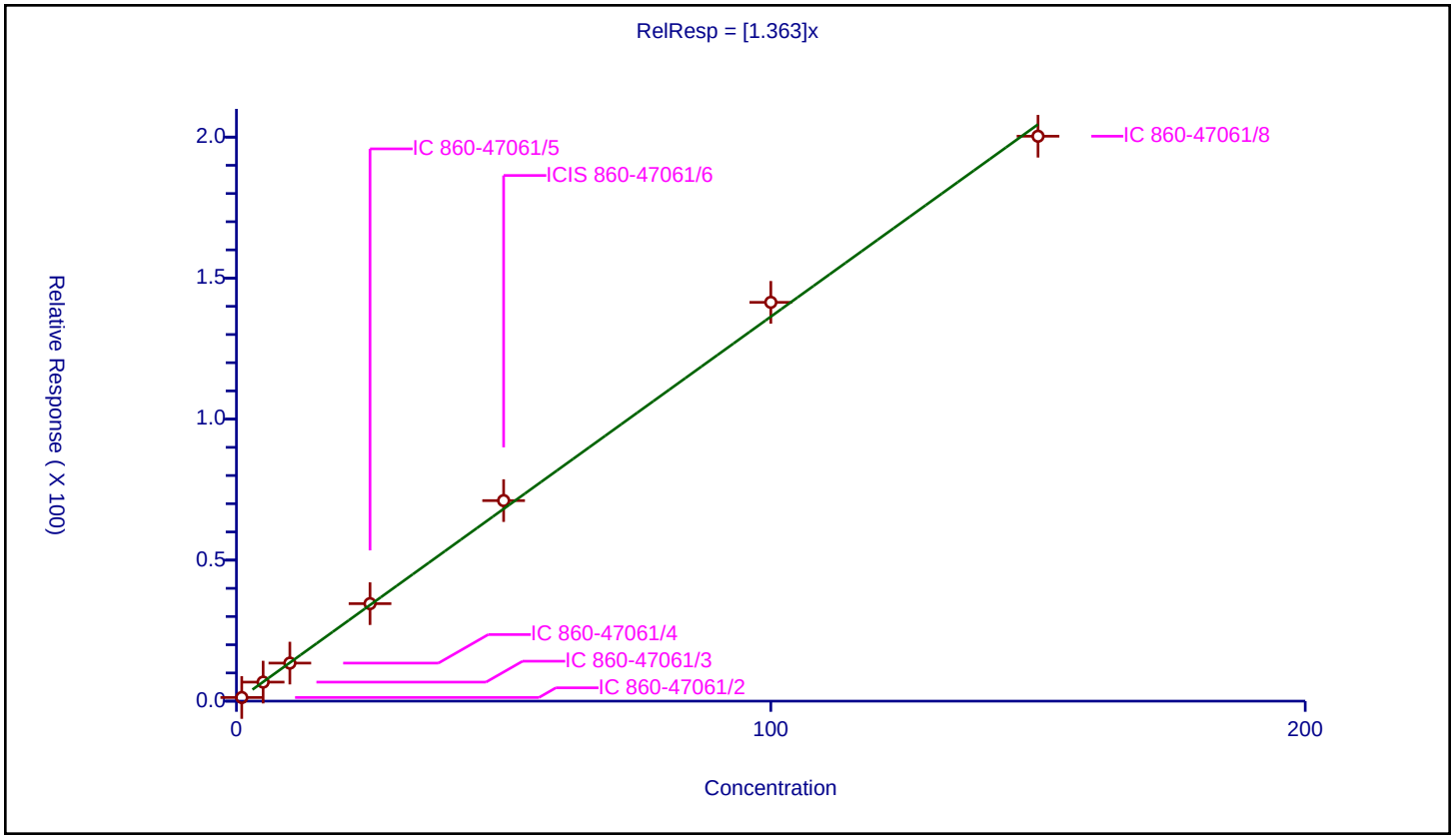
Curve Coefficients

Intercept:	0
Slope:	1.363

Error Coefficients

Standard Error:	1470000
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 860-47061/2	1.0	1.291054	50.0	731805.0	1.291054	Y
2	IC 860-47061/3	5.0	6.743449	50.0	710497.0	1.34869	Y
3	IC 860-47061/4	10.0	13.490261	50.0	709030.0	1.349026	Y
4	IC 860-47061/5	25.0	34.571331	50.0	693041.0	1.382853	Y
5	ICIS 860-47061/6	50.0	71.112003	50.0	690439.0	1.42224	Y
6	IC 860-47061/7	100.0	141.406148	50.0	702060.0	1.414061	Y
7	IC 860-47061/8	150.0	200.305872	50.0	694245.0	1.335372	Y



Calibration / 2,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

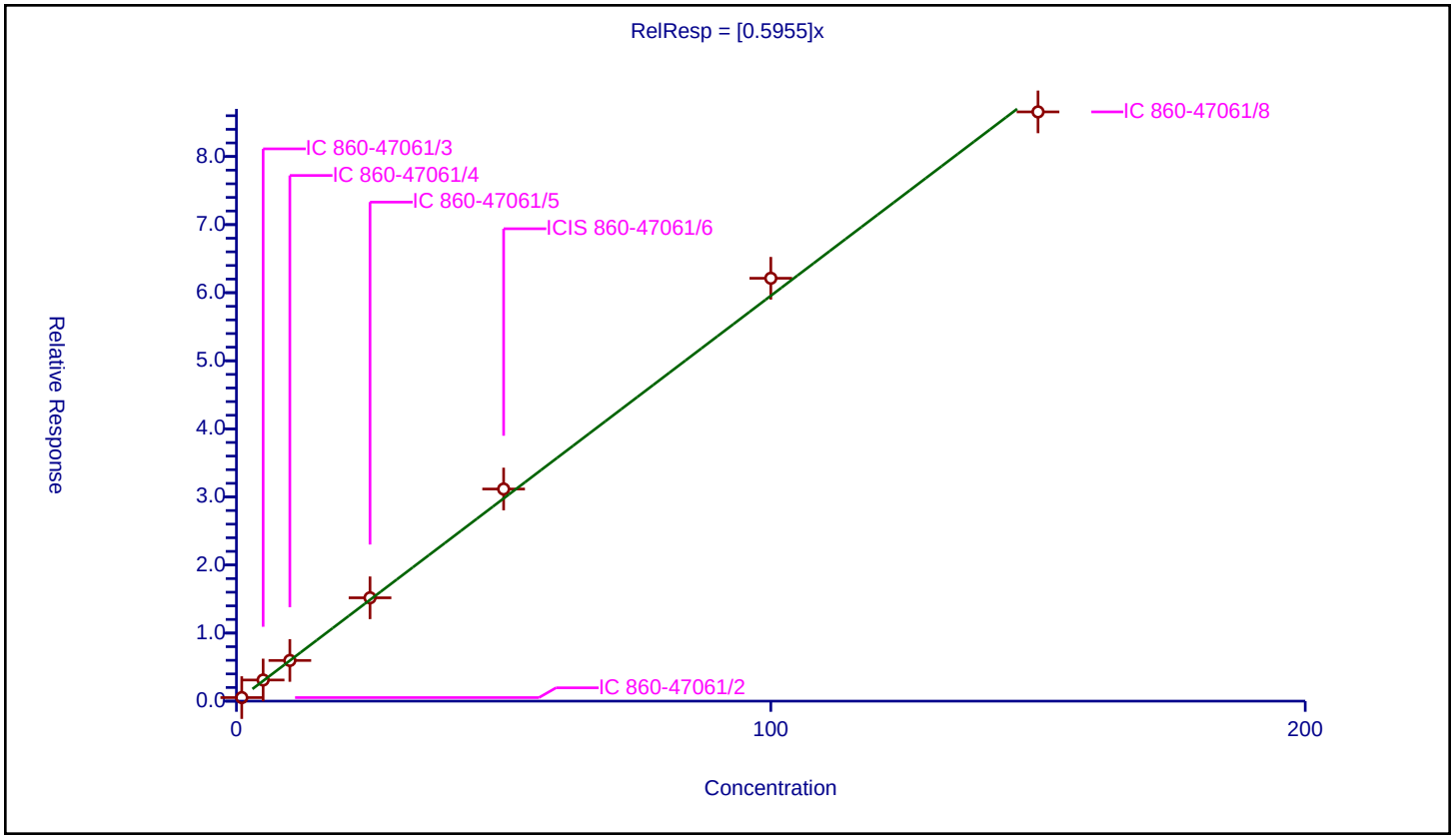
Curve Coefficients

Intercept:	0
Slope:	0.5955

Error Coefficients

Standard Error:	638000
Relative Standard Error:	6.2
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-47061/2	1.0	0.520972	50.0	731805.0	0.520972	Y
2	IC 860-47061/3	5.0	3.10508	50.0	710497.0	0.621016	Y
3	IC 860-47061/4	10.0	5.977039	50.0	709030.0	0.597704	Y
4	IC 860-47061/5	25.0	15.181569	50.0	693041.0	0.607263	Y
5	ICIS 860-47061/6	50.0	31.160102	50.0	690439.0	0.623202	Y
6	IC 860-47061/7	100.0	62.121614	50.0	702060.0	0.621216	Y
7	IC 860-47061/8	150.0	86.56094	50.0	694245.0	0.577073	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

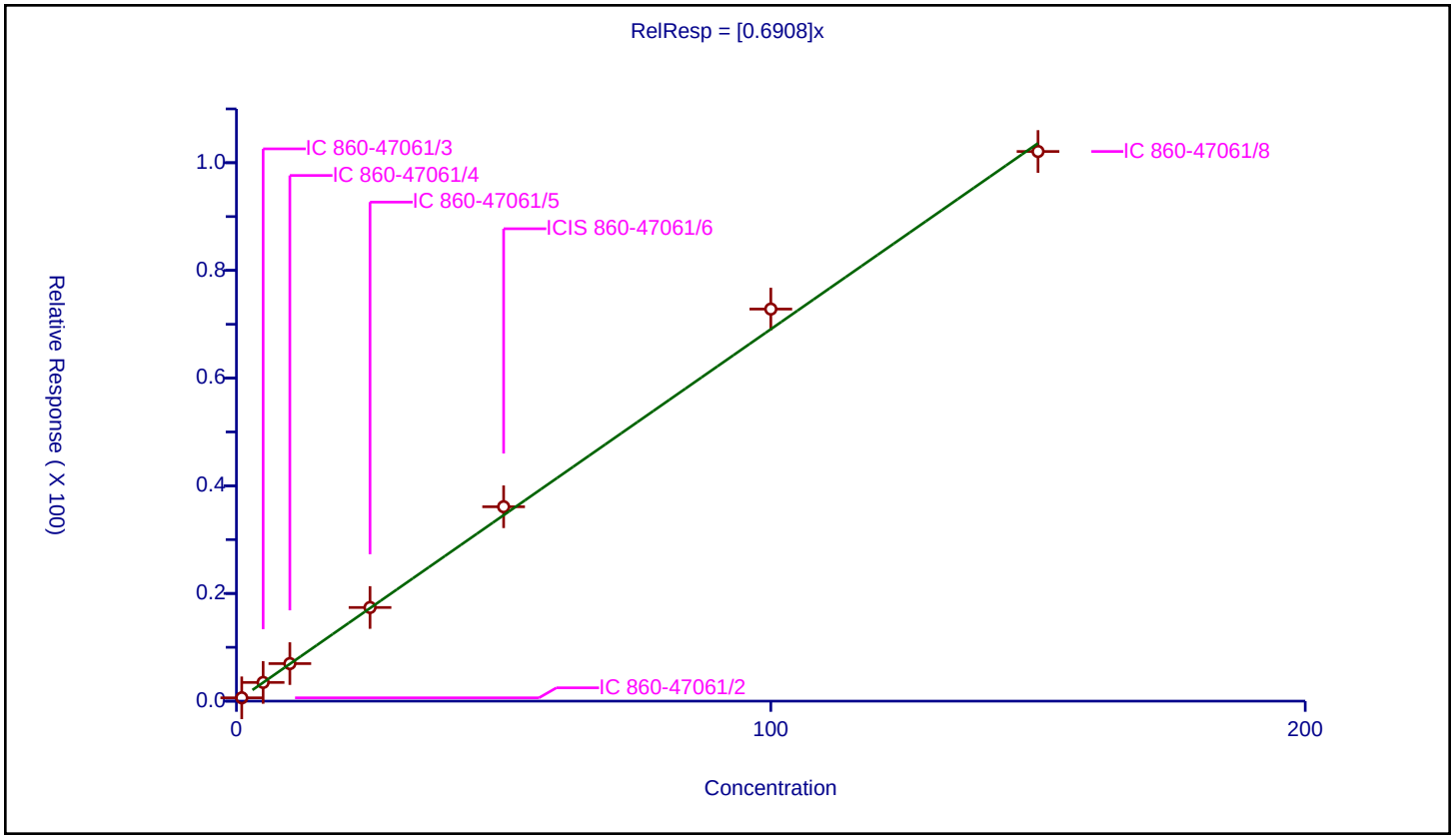
Curve Coefficients

Intercept:	0
Slope:	0.6908

Error Coefficients

Standard Error:	750000
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 860-47061/2	1.0	0.616694	50.0	731805.0	0.616694	Y
2	IC 860-47061/3	5.0	3.473625	50.0	710497.0	0.694725	Y
3	IC 860-47061/4	10.0	6.974952	50.0	709030.0	0.697495	Y
4	IC 860-47061/5	25.0	17.39558	50.0	693041.0	0.695823	Y
5	ICIS 860-47061/6	50.0	36.106303	50.0	690439.0	0.722126	Y
6	IC 860-47061/7	100.0	72.818064	50.0	702060.0	0.728181	Y
7	IC 860-47061/8	150.0	102.091985	50.0	694245.0	0.680613	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

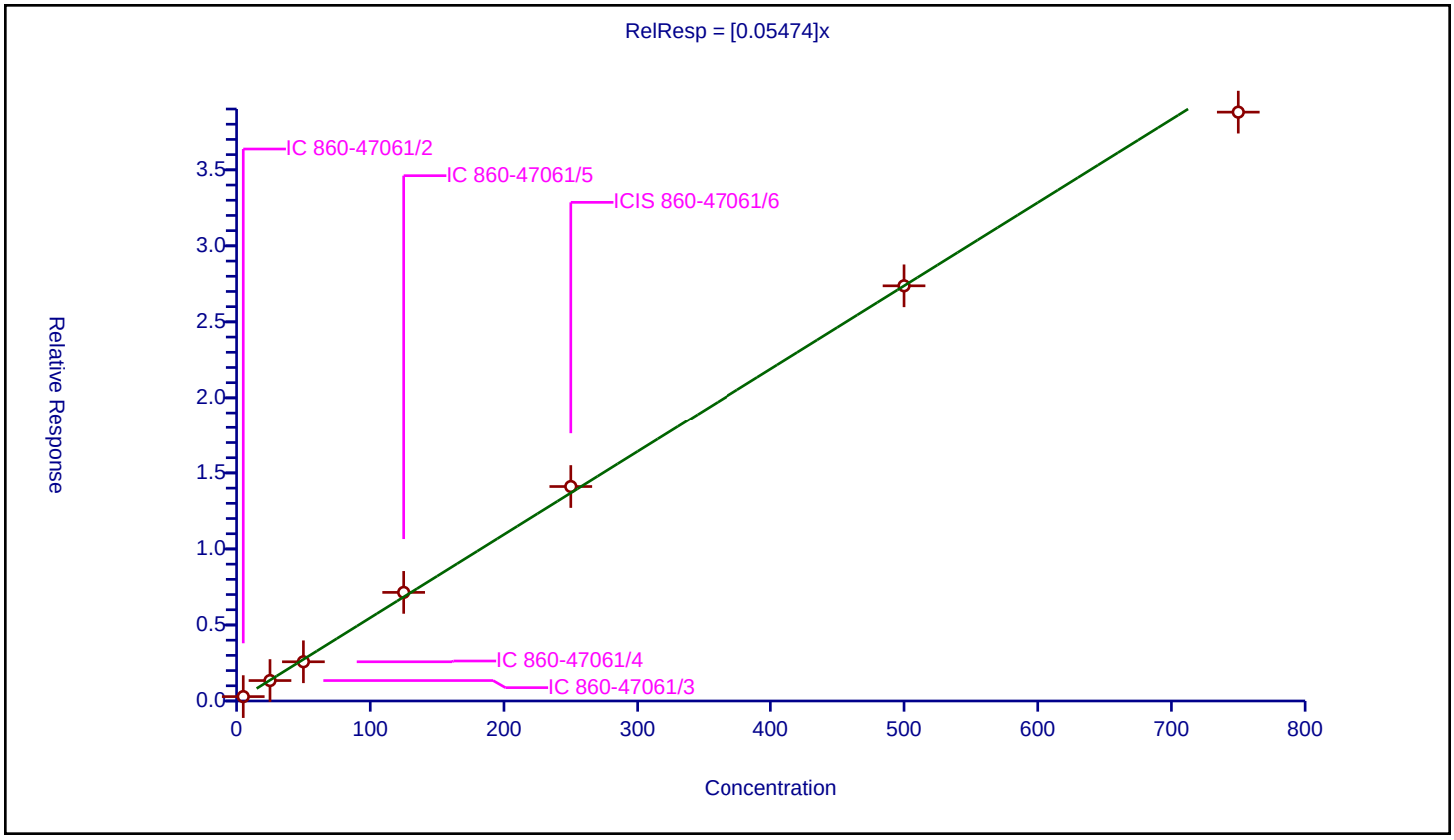
Curve Coefficients

Intercept:	0
Slope:	0.05474

Error Coefficients

Standard Error:	285000
Relative Standard Error:	4.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-47061/2	5.0	0.289011	50.0	731805.0	0.057802	Y
2	IC 860-47061/3	25.0	1.343989	50.0	710497.0	0.05376	Y
3	IC 860-47061/4	50.0	2.57951	50.0	709030.0	0.05159	Y
4	IC 860-47061/5	125.0	7.141785	50.0	693041.0	0.057134	Y
5	ICIS 860-47061/6	250.0	14.10588	50.0	690439.0	0.056424	Y
6	IC 860-47061/7	500.0	27.371948	50.0	702060.0	0.054744	Y
7	IC 860-47061/8	750.0	38.794446	50.0	694245.0	0.051726	Y



Calibration / Propionitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

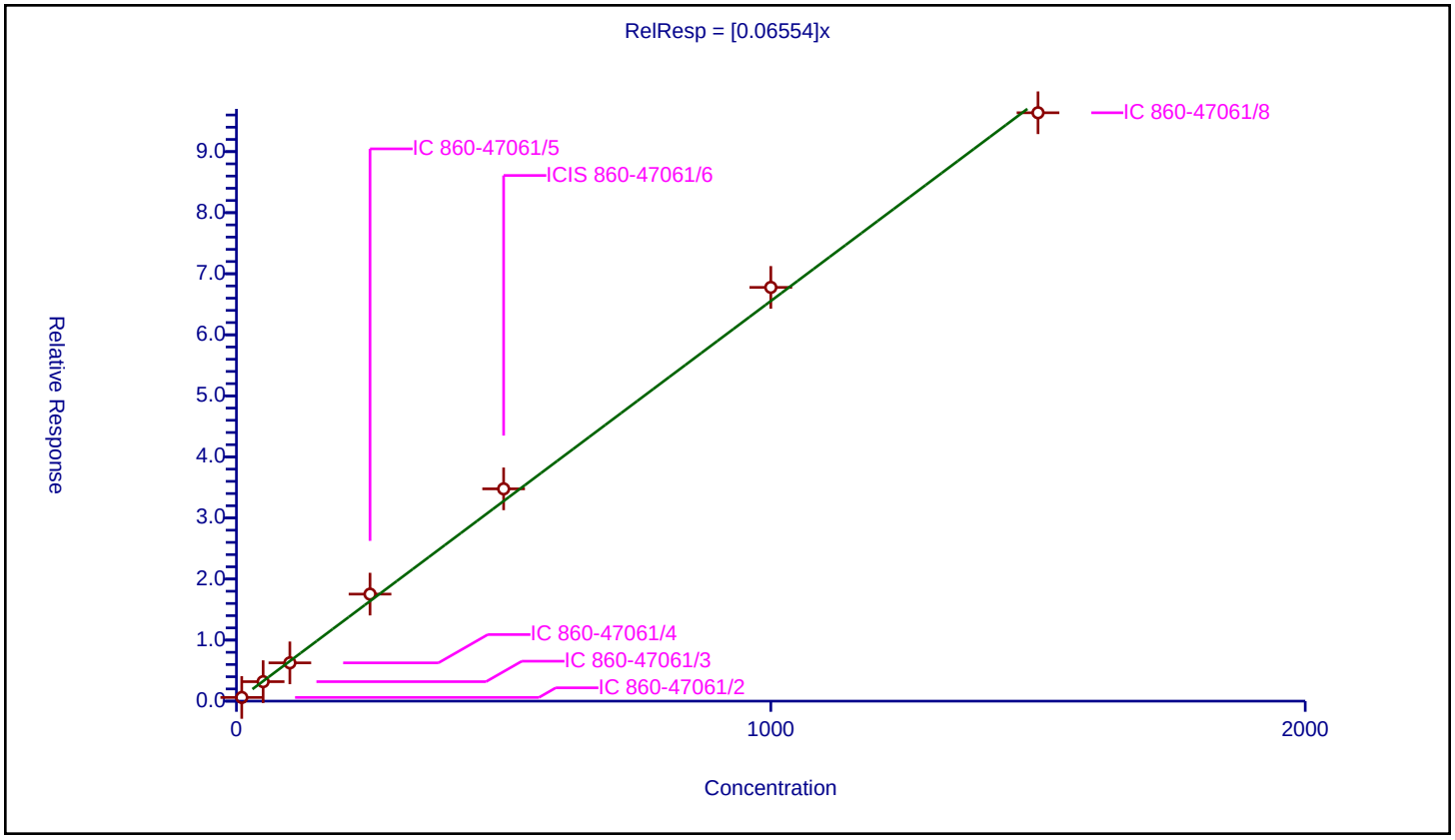
Curve Coefficients

Intercept:	0
Slope:	0.06554

Error Coefficients

Standard Error:	707000
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 860-47061/2	10.0	0.605899	50.0	731805.0	0.06059	Y
2	IC 860-47061/3	50.0	3.188824	50.0	710497.0	0.063776	Y
3	IC 860-47061/4	100.0	6.272584	50.0	709030.0	0.062726	Y
4	IC 860-47061/5	250.0	17.527751	50.0	693041.0	0.070111	Y
5	ICIS 860-47061/6	500.0	34.76788	50.0	690439.0	0.069536	Y
6	IC 860-47061/7	1000.0	67.763866	50.0	702060.0	0.067764	Y
7	IC 860-47061/8	1500.0	96.368573	50.0	694245.0	0.064246	Y



Calibration / Ethyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

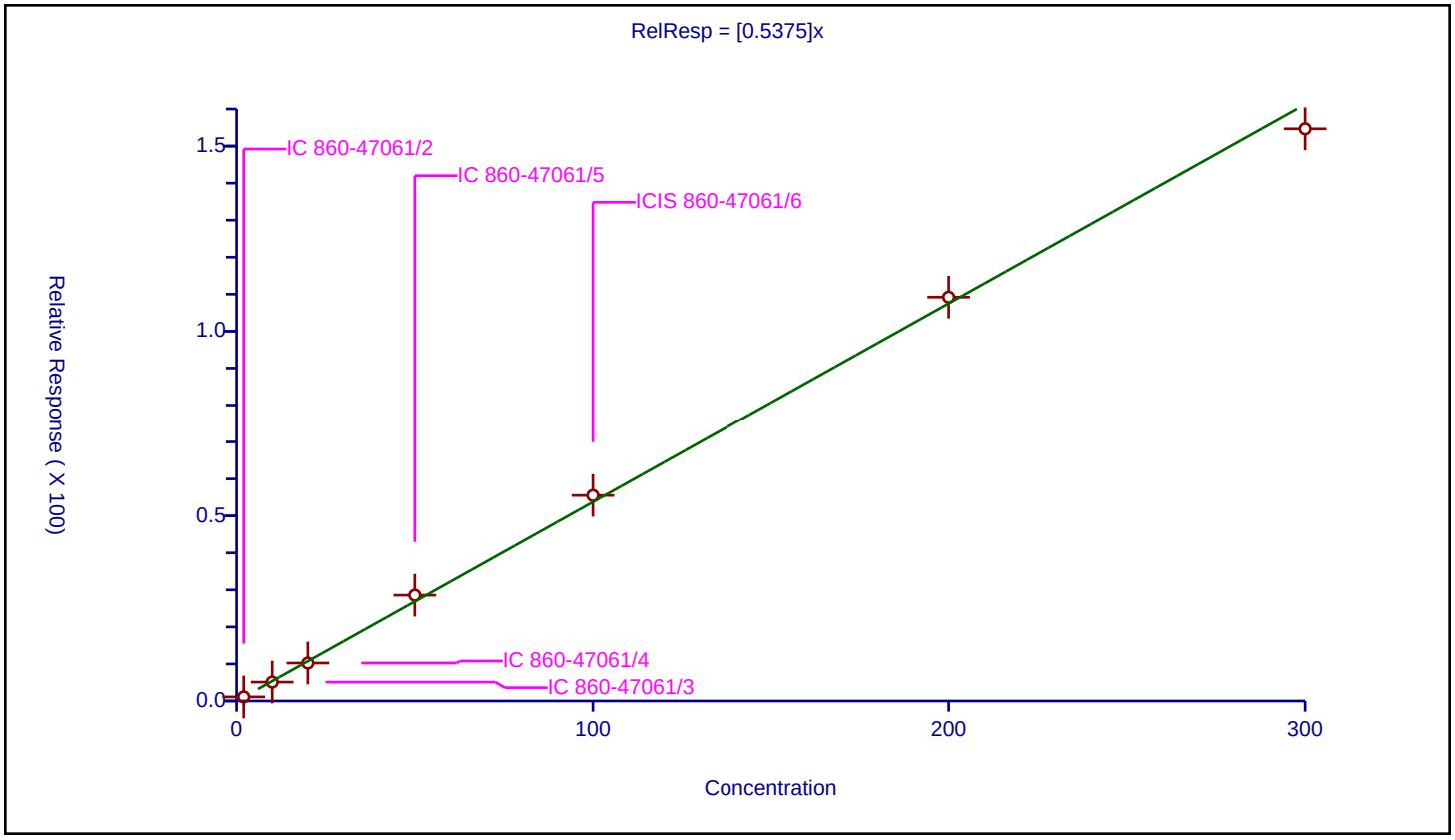
Curve Coefficients

Intercept:	0
Slope:	0.5375

Error Coefficients

Standard Error:	1140000
Relative Standard Error:	4.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-47061/2	2.0	1.100976	50.0	731805.0	0.550488	Y
2	IC 860-47061/3	10.0	5.106637	50.0	710497.0	0.510664	Y
3	IC 860-47061/4	20.0	10.255631	50.0	709030.0	0.512782	Y
4	IC 860-47061/5	50.0	28.577602	50.0	693041.0	0.571552	Y
5	ICIS 860-47061/6	100.0	55.53684	50.0	690439.0	0.555368	Y
6	IC 860-47061/7	200.0	109.199783	50.0	702060.0	0.545999	Y
7	IC 860-47061/8	300.0	154.664276	50.0	694245.0	0.515548	Y



Calibration / Chlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

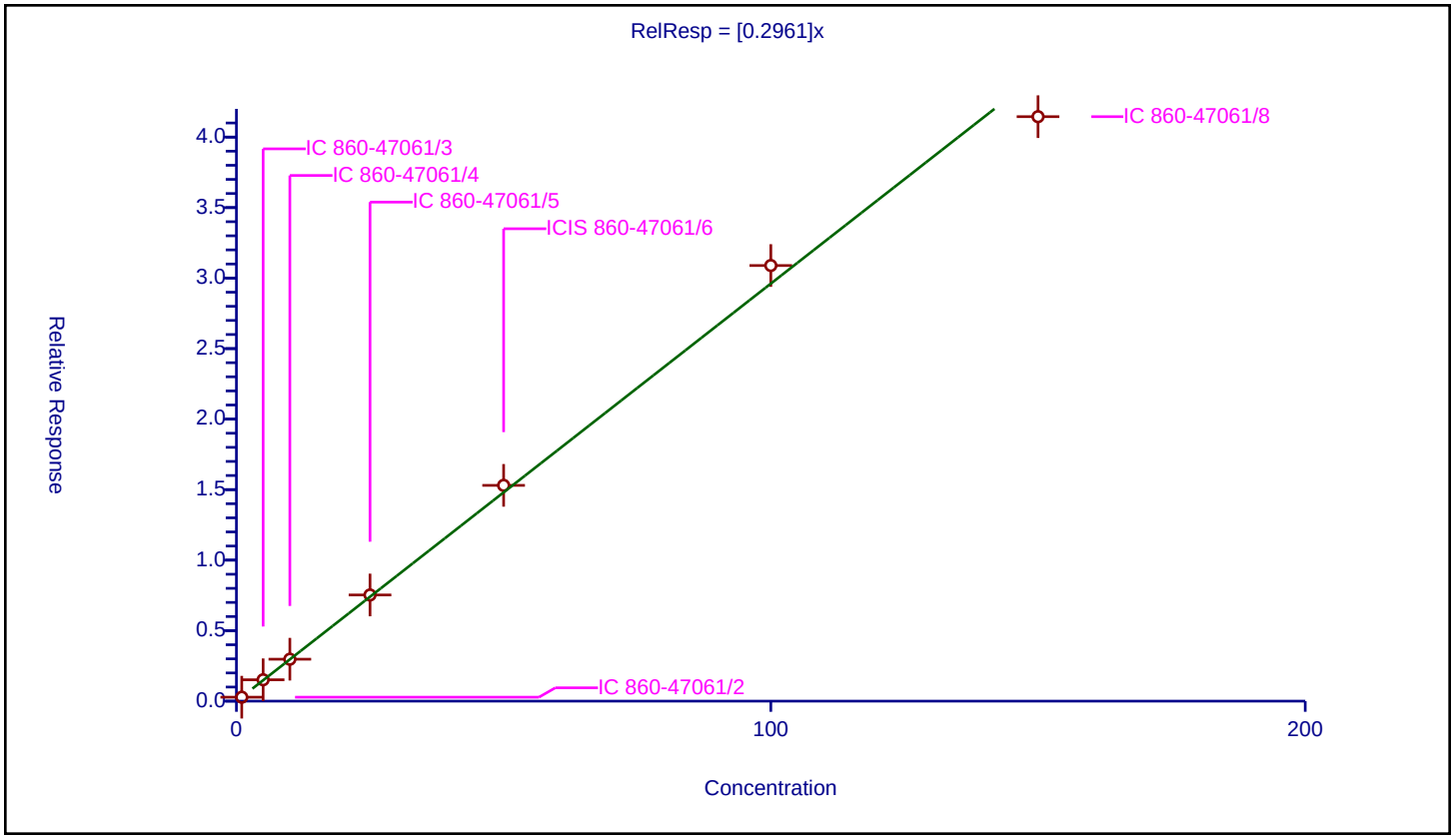
Curve Coefficients

Intercept:	0
Slope:	0.2961

Error Coefficients

Standard Error:	310000
Relative Standard Error:	4.4
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-47061/2	1.0	0.279583	50.0	731805.0	0.279583	Y
2	IC 860-47061/3	5.0	1.515911	50.0	710497.0	0.303182	Y
3	IC 860-47061/4	10.0	2.973428	50.0	709030.0	0.297343	Y
4	IC 860-47061/5	25.0	7.530363	50.0	693041.0	0.301215	Y
5	ICIS 860-47061/6	50.0	15.302728	50.0	690439.0	0.306055	Y
6	IC 860-47061/7	100.0	30.89216	50.0	702060.0	0.308922	Y
7	IC 860-47061/8	150.0	41.447688	50.0	694245.0	0.276318	Y



Calibration / Methacrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

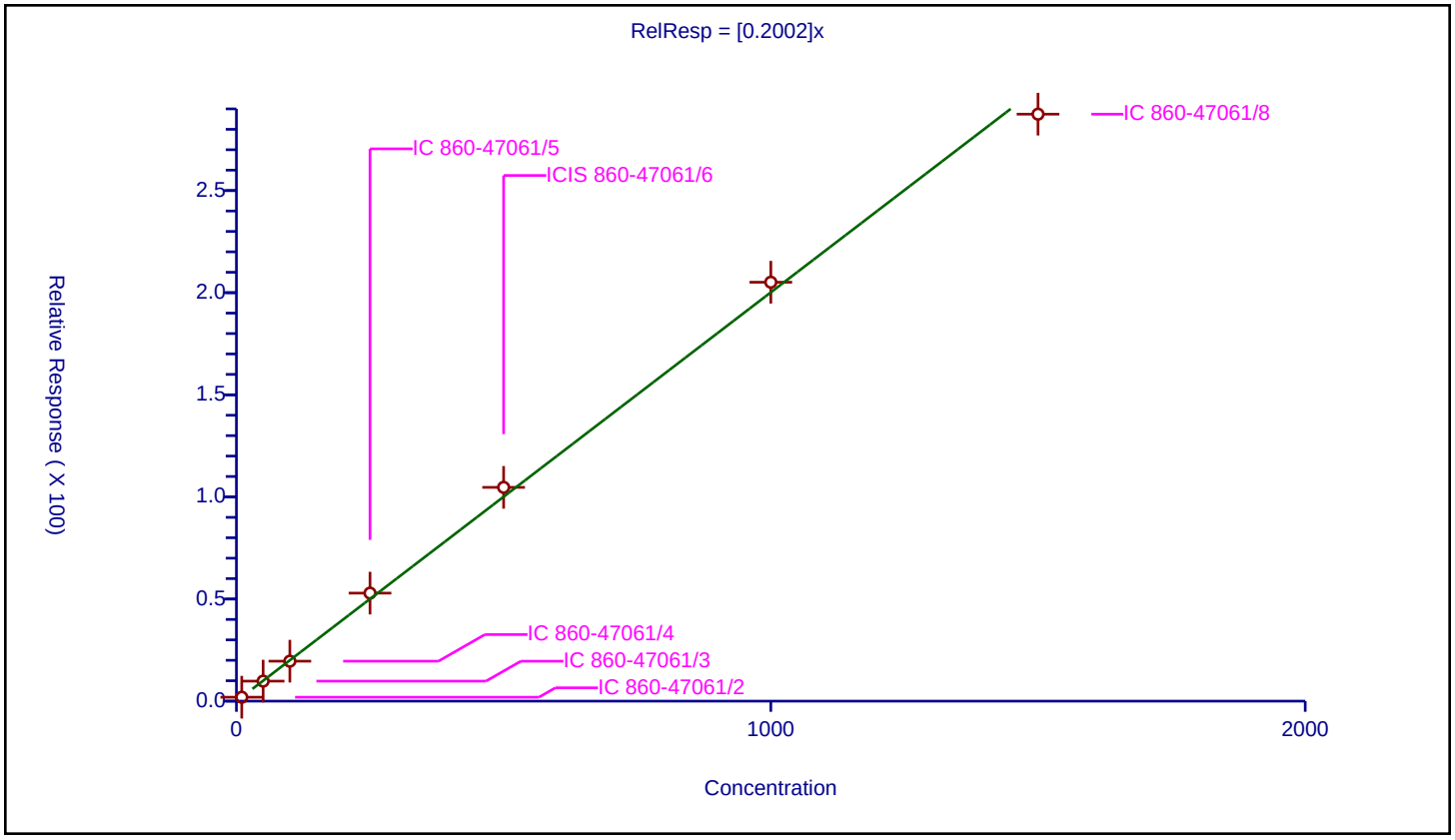
Curve Coefficients

Intercept:	0
Slope:	0.2002

Error Coefficients

Standard Error:	2120000
Relative Standard Error:	4.2
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-47061/2	10.0	1.918817	50.0	731805.0	0.191882	Y
2	IC 860-47061/3	50.0	9.795608	50.0	710497.0	0.195912	Y
3	IC 860-47061/4	100.0	19.56377	50.0	709030.0	0.195638	Y
4	IC 860-47061/5	250.0	52.894273	50.0	693041.0	0.211577	Y
5	ICIS 860-47061/6	500.0	104.680718	50.0	690439.0	0.209361	Y
6	IC 860-47061/7	1000.0	205.128479	50.0	702060.0	0.205128	Y
7	IC 860-47061/8	1500.0	287.422308	50.0	694245.0	0.191615	Y



Calibration / Tetrahydrofuran

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

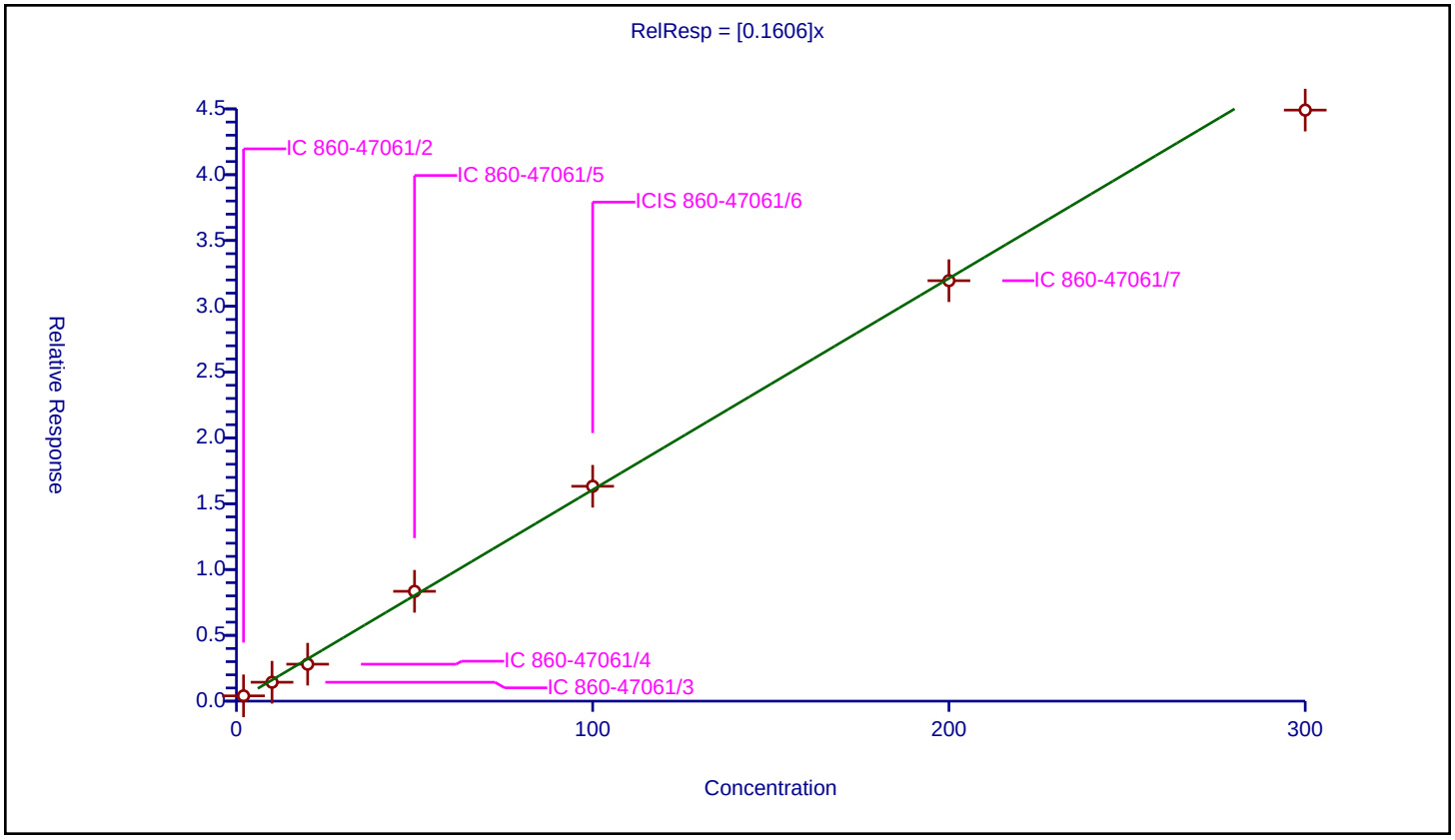
Curve Coefficients

Intercept:	0
Slope:	0.1606

Error Coefficients

Standard Error:	331000
Relative Standard Error:	12.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-47061/2	2.0	0.401473	50.0	731805.0	0.200737	Y
2	IC 860-47061/3	10.0	1.435404	50.0	710497.0	0.14354	Y
3	IC 860-47061/4	20.0	2.808132	50.0	709030.0	0.140407	Y
4	IC 860-47061/5	50.0	8.3446	50.0	693041.0	0.166892	Y
5	ICIS 860-47061/6	100.0	16.327004	50.0	690439.0	0.16327	Y
6	IC 860-47061/7	200.0	31.94613	50.0	702060.0	0.159731	Y
7	IC 860-47061/8	300.0	44.908066	50.0	694245.0	0.149694	Y



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

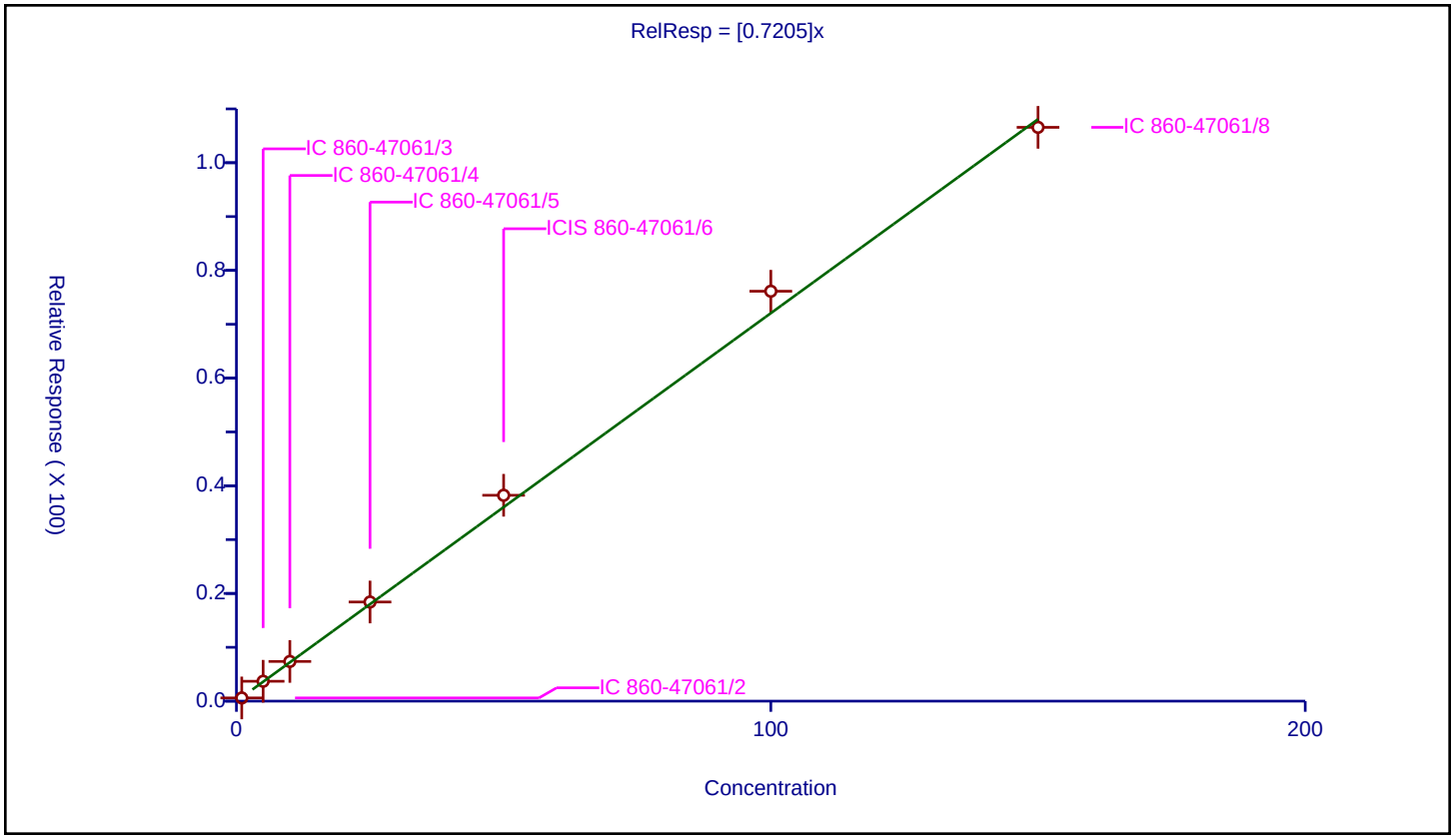
Curve Coefficients

Intercept:	0
Slope:	0.7205

Error Coefficients

Standard Error:	784000
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 860-47061/2	1.0	0.594967	50.0	731805.0	0.594967	Y
2	IC 860-47061/3	5.0	3.691712	50.0	710497.0	0.738342	Y
3	IC 860-47061/4	10.0	7.372678	50.0	709030.0	0.737268	Y
4	IC 860-47061/5	25.0	18.416443	50.0	693041.0	0.736658	Y
5	ICIS 860-47061/6	50.0	38.238063	50.0	690439.0	0.764761	Y
6	IC 860-47061/7	100.0	76.132097	50.0	702060.0	0.761321	Y
7	IC 860-47061/8	150.0	106.573112	50.0	694245.0	0.710487	Y



Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

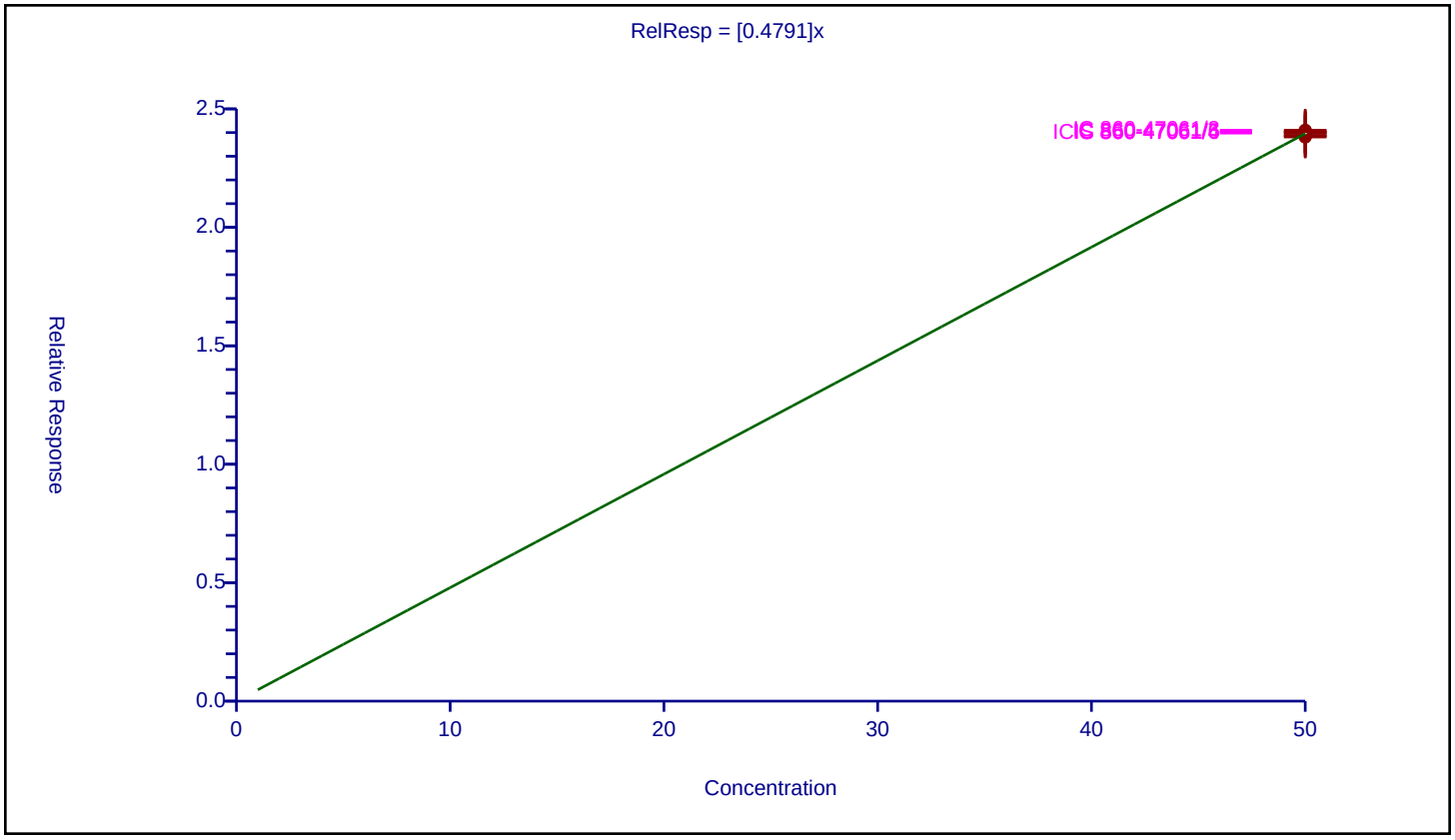
Curve Coefficients

Intercept:	0
Slope:	0.4791

Error Coefficients

Standard Error:	365000
Relative Standard Error:	0.4
Correlation Coefficient:	0.00000000000000000000
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-47061/2	50.0	23.814404	50.0	731805.0	0.476288	Y
2	IC 860-47061/3	50.0	24.096724	50.0	710497.0	0.481934	Y
3	IC 860-47061/4	50.0	23.979028	50.0	709030.0	0.479581	Y
4	IC 860-47061/5	50.0	24.043527	50.0	693041.0	0.480871	Y
5	ICIS 860-47061/6	50.0	24.002338	50.0	690439.0	0.480047	Y
6	IC 860-47061/7	50.0	23.881363	50.0	702060.0	0.477627	Y
7	IC 860-47061/8	50.0	23.86391	50.0	694245.0	0.477278	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

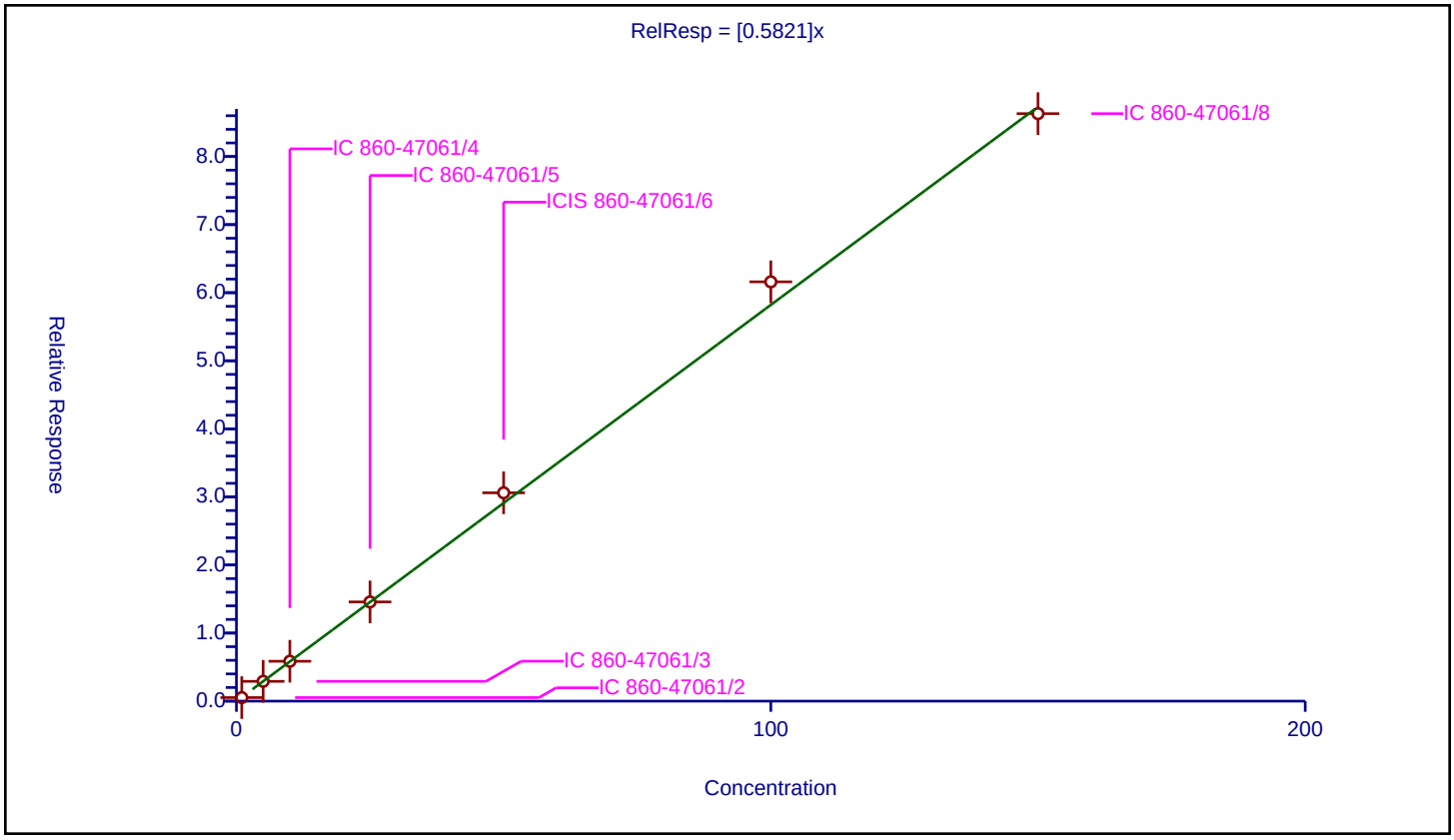
Curve Coefficients

Intercept:	0
Slope:	0.5821

Error Coefficients

Standard Error:	634000
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 860-47061/2	1.0	0.520562	50.0	731805.0	0.520562	Y
2	IC 860-47061/3	5.0	2.908879	50.0	710497.0	0.581776	Y
3	IC 860-47061/4	10.0	5.857721	50.0	709030.0	0.585772	Y
4	IC 860-47061/5	25.0	14.571216	50.0	693041.0	0.582849	Y
5	ICIS 860-47061/6	50.0	30.605528	50.0	690439.0	0.612111	Y
6	IC 860-47061/7	100.0	61.594451	50.0	702060.0	0.615945	Y
7	IC 860-47061/8	150.0	86.305123	50.0	694245.0	0.575367	Y



Calibration / Cyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

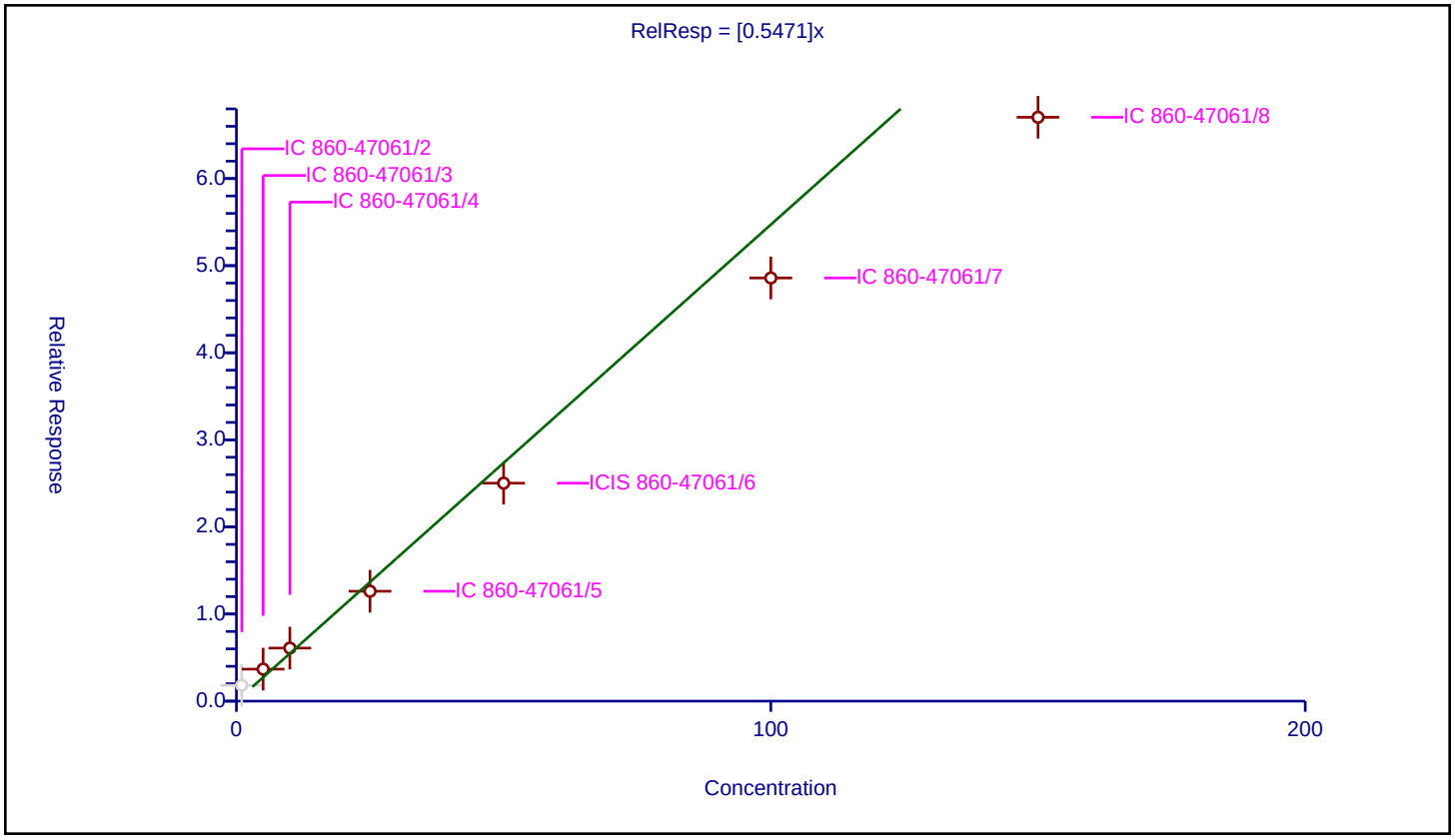
Curve Coefficients

Intercept:	0
Slope:	0.5471

Error Coefficients

Standard Error:	546000
Relative Standard Error:	19.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.918

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-47061/2	1.0	1.819405	50.0	731805.0	1.819405	N
2	IC 860-47061/3	5.0	3.675526	50.0	710497.0	0.735105	Y
3	IC 860-47061/4	10.0	6.093959	50.0	709030.0	0.609396	Y
4	IC 860-47061/5	25.0	12.618518	50.0	693041.0	0.504741	Y
5	ICIS 860-47061/6	50.0	25.026179	50.0	690439.0	0.500524	Y
6	IC 860-47061/7	100.0	48.588725	50.0	702060.0	0.485887	Y
7	IC 860-47061/8	150.0	67.035197	50.0	694245.0	0.446901	Y



Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

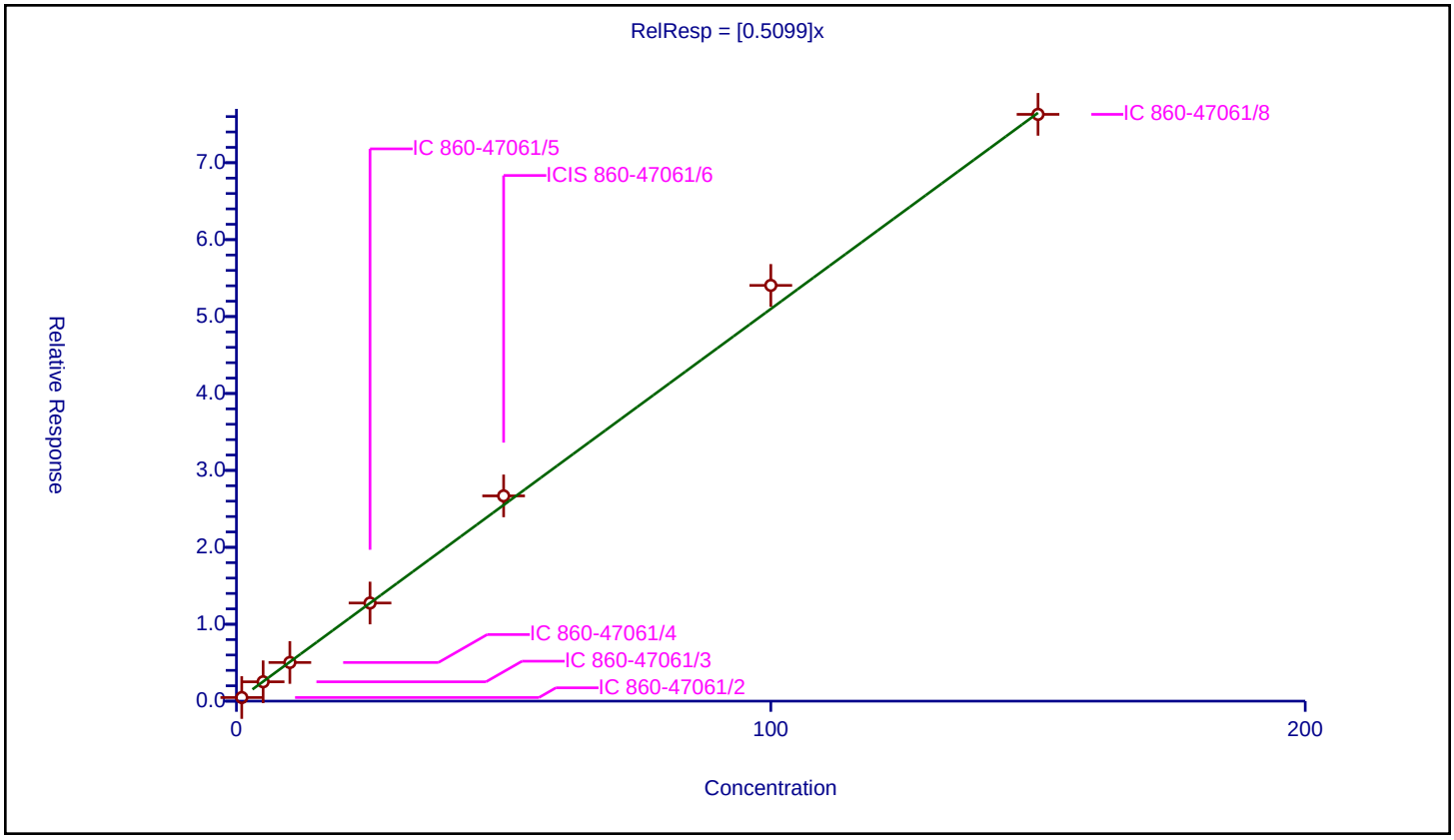
Curve Coefficients

Intercept:	0
Slope:	0.5099

Error Coefficients

Standard Error:	558000
Relative Standard Error:	4.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-47061/2	1.0	0.470617	50.0	731805.0	0.470617	Y
2	IC 860-47061/3	5.0	2.514648	50.0	710497.0	0.50293	Y
3	IC 860-47061/4	10.0	5.027009	50.0	709030.0	0.502701	Y
4	IC 860-47061/5	25.0	12.757182	50.0	693041.0	0.510287	Y
5	ICIS 860-47061/6	50.0	26.685413	50.0	690439.0	0.533708	Y
6	IC 860-47061/7	100.0	54.050865	50.0	702060.0	0.540509	Y
7	IC 860-47061/8	150.0	76.289638	50.0	694245.0	0.508598	Y



Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

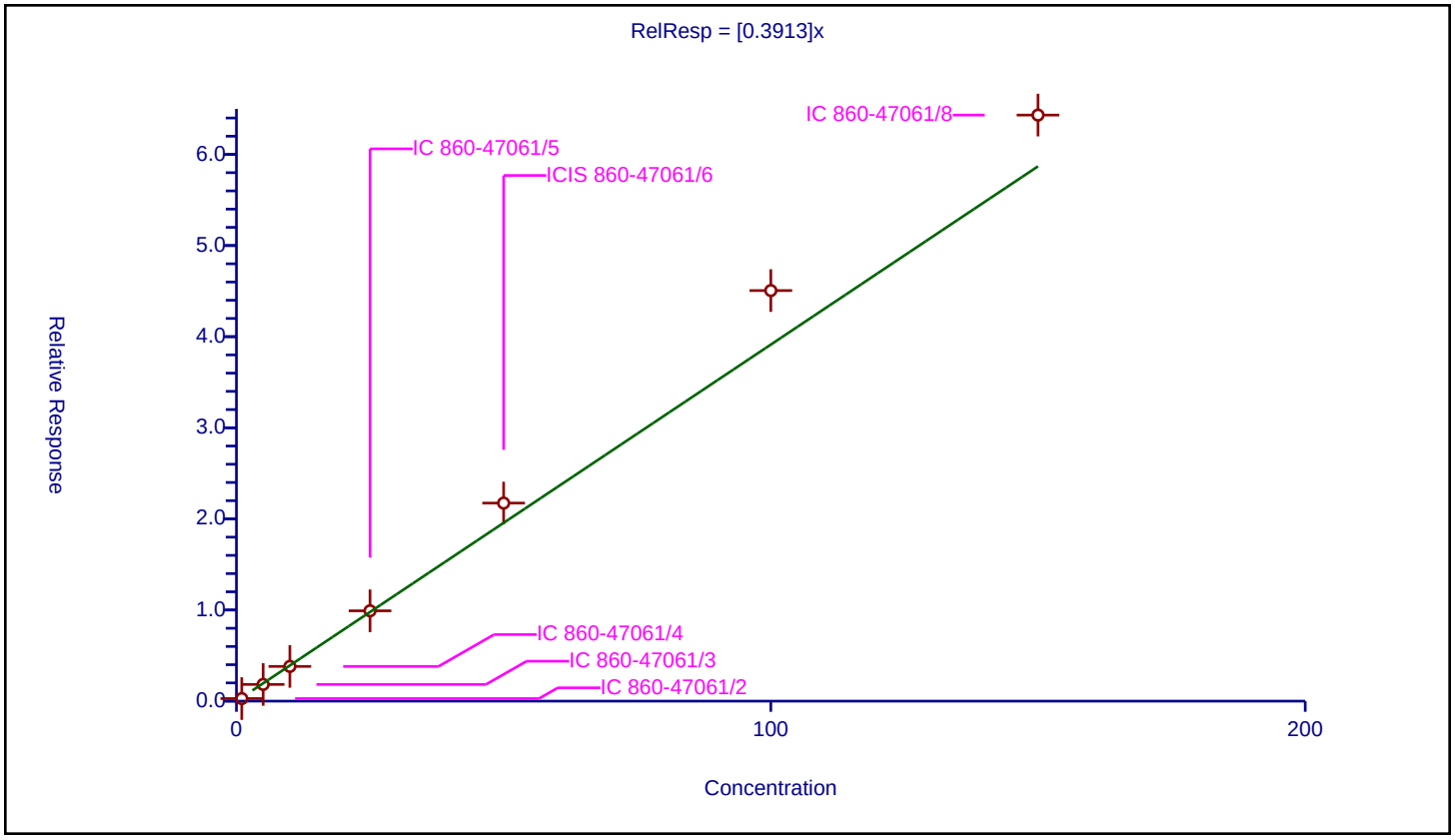
Curve Coefficients

Intercept:	0
Slope:	0.3913

Error Coefficients

Standard Error:	467000
Relative Standard Error:	14.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-47061/2	1.0	0.280676	50.0	731805.0	0.280676	Y
2	IC 860-47061/3	5.0	1.833646	50.0	710497.0	0.366729	Y
3	IC 860-47061/4	10.0	3.81077	50.0	709030.0	0.381077	Y
4	IC 860-47061/5	25.0	9.912906	50.0	693041.0	0.396516	Y
5	ICIS 860-47061/6	50.0	21.737547	50.0	690439.0	0.434751	Y
6	IC 860-47061/7	100.0	45.061533	50.0	702060.0	0.450615	Y
7	IC 860-47061/8	150.0	64.321745	50.0	694245.0	0.428812	Y



Calibration / Isobutyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

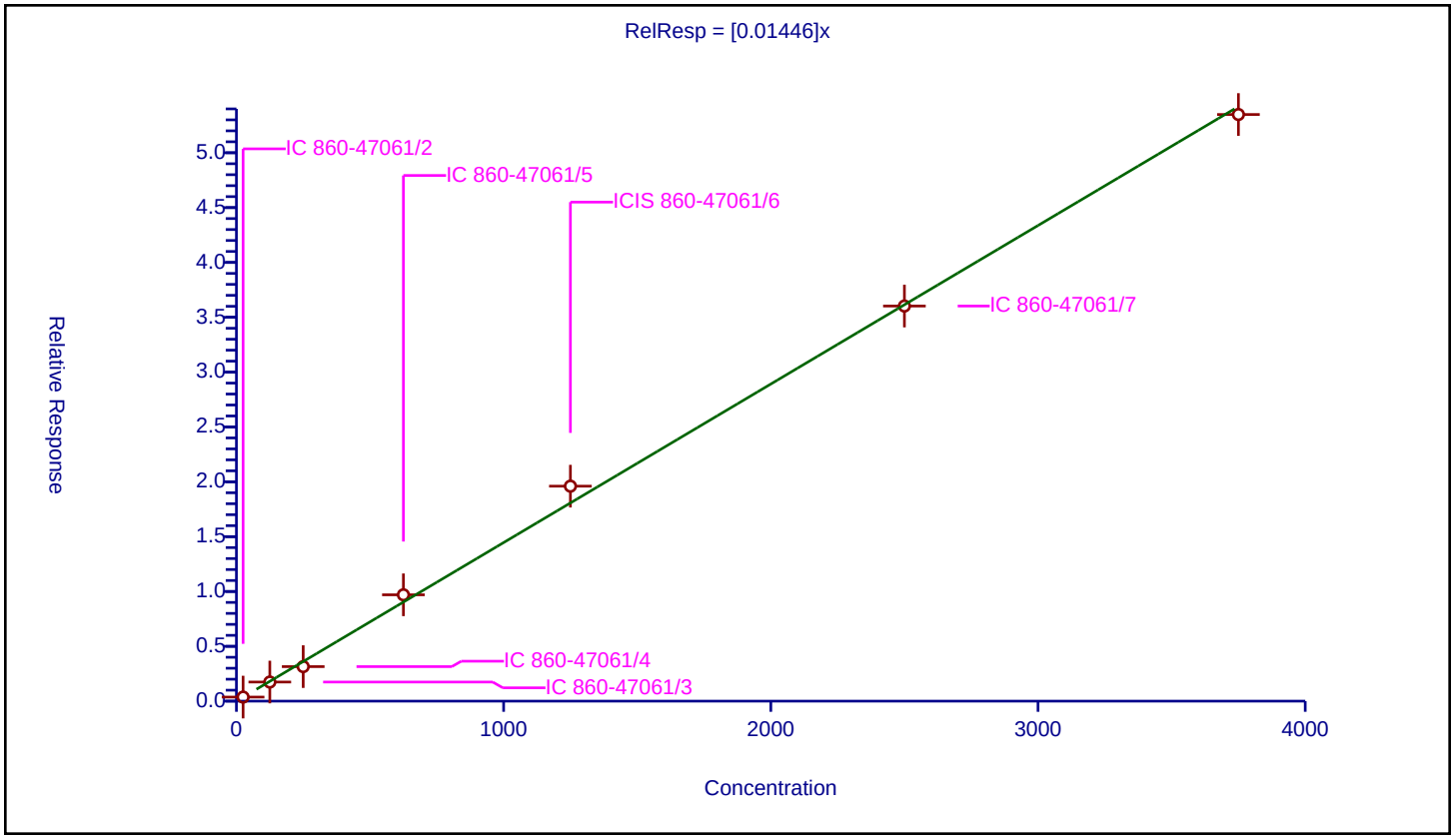
Curve Coefficients

Intercept:	0
Slope:	0.01446

Error Coefficients

Standard Error:	590000
Relative Standard Error:	7.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-47061/2	25.0	0.370025	50.0	1114115.0	0.014801	Y
2	IC 860-47061/3	125.0	1.7421	50.0	1078612.0	0.013937	Y
3	IC 860-47061/4	250.0	3.147806	50.0	1081118.0	0.012591	Y
4	IC 860-47061/5	625.0	9.695104	50.0	1051933.0	0.015512	Y
5	ICIS 860-47061/6	1250.0	19.600242	50.0	1052913.0	0.01568	Y
6	IC 860-47061/7	2500.0	36.025614	50.0	1069632.0	0.01441	Y
7	IC 860-47061/8	3750.0	53.488124	50.0	1057173.0	0.014263	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

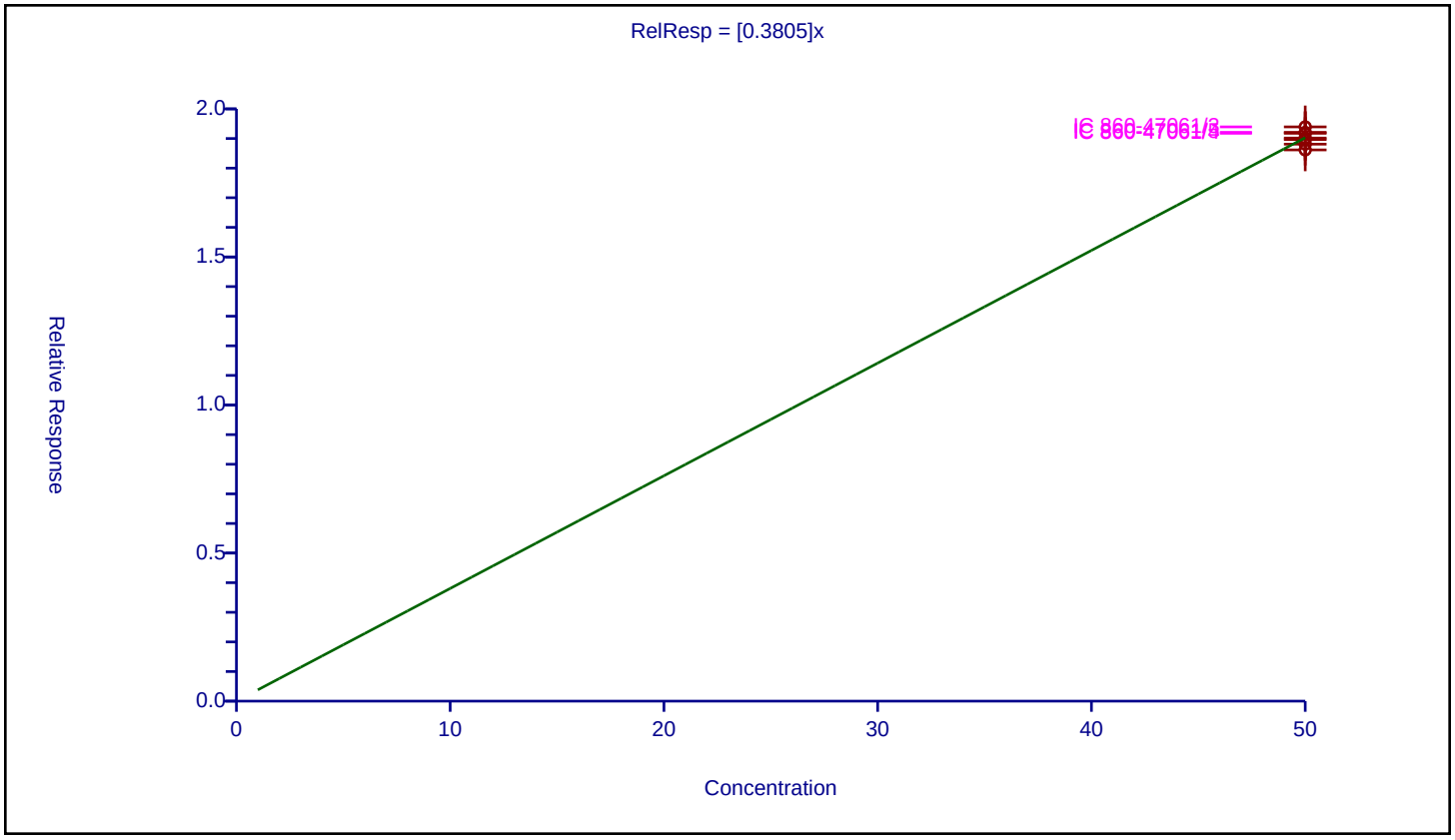
Curve Coefficients

Intercept:	0
Slope:	0.3805

Error Coefficients

Standard Error:	441000
Relative Standard Error:	1.4
Correlation Coefficient:	0.00000000000000000000
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-47061/2	50.0	19.015182	50.0	1114115.0	0.380304	Y
2	IC 860-47061/3	50.0	19.392006	50.0	1078612.0	0.38784	Y
3	IC 860-47061/4	50.0	19.176121	50.0	1081118.0	0.383522	Y
4	IC 860-47061/5	50.0	19.207735	50.0	1051933.0	0.384155	Y
5	ICIS 860-47061/6	50.0	18.964767	50.0	1052913.0	0.379295	Y
6	IC 860-47061/7	50.0	18.809039	50.0	1069632.0	0.376181	Y
7	IC 860-47061/8	50.0	18.614881	50.0	1057173.0	0.372298	Y



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

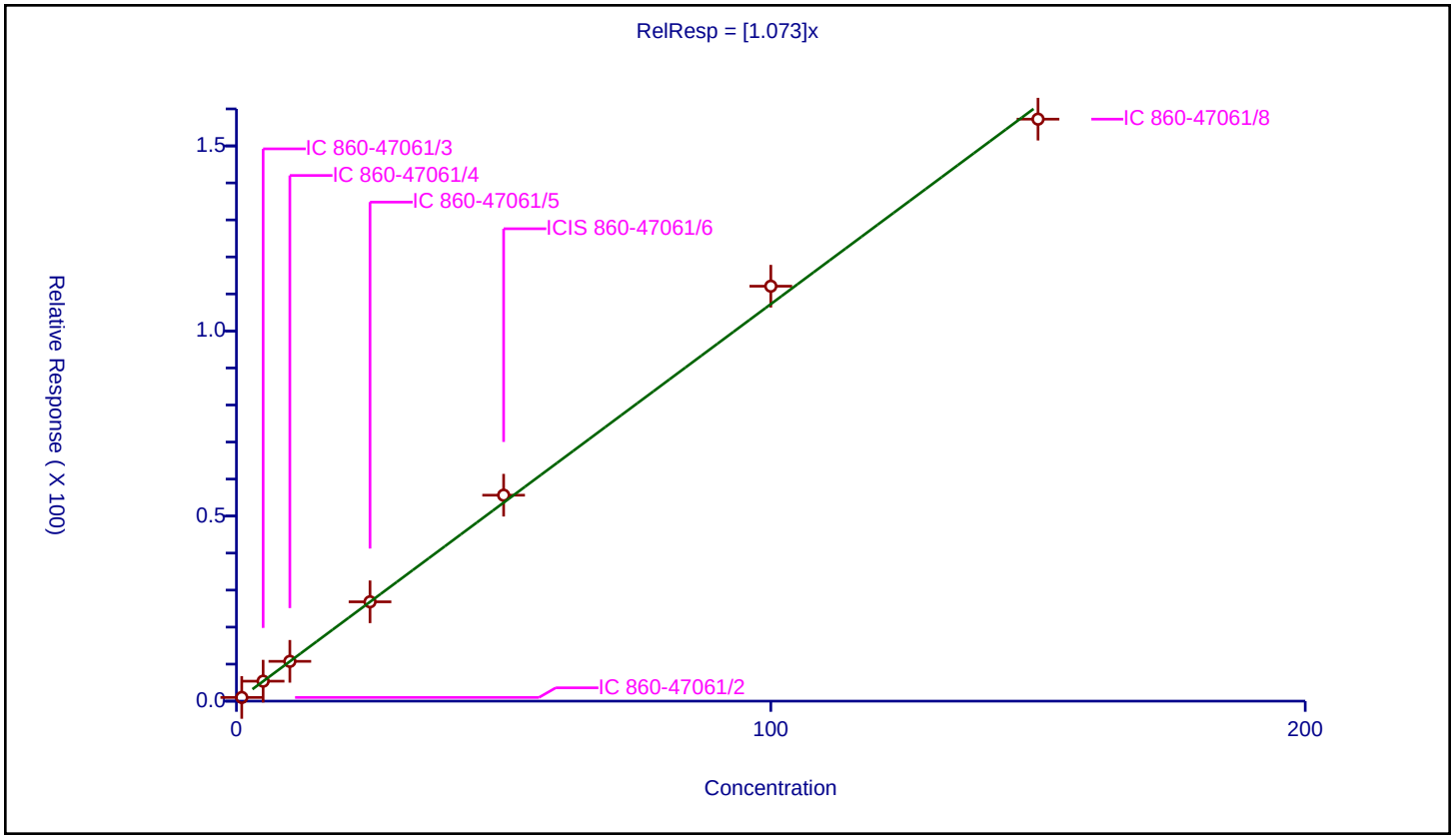
Curve Coefficients

Intercept:	0
Slope:	1.073

Error Coefficients

Standard Error:	1760000
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 860-47061/2	1.0	0.998595	50.0	1114115.0	0.998595	Y
2	IC 860-47061/3	5.0	5.396519	50.0	1078612.0	1.079304	Y
3	IC 860-47061/4	10.0	10.752758	50.0	1081118.0	1.075276	Y
4	IC 860-47061/5	25.0	26.834409	50.0	1051933.0	1.073376	Y
5	ICIS 860-47061/6	50.0	55.641254	50.0	1052913.0	1.112825	Y
6	IC 860-47061/7	100.0	112.099348	50.0	1069632.0	1.120993	Y
7	IC 860-47061/8	150.0	157.22947	50.0	1057173.0	1.048196	Y



Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

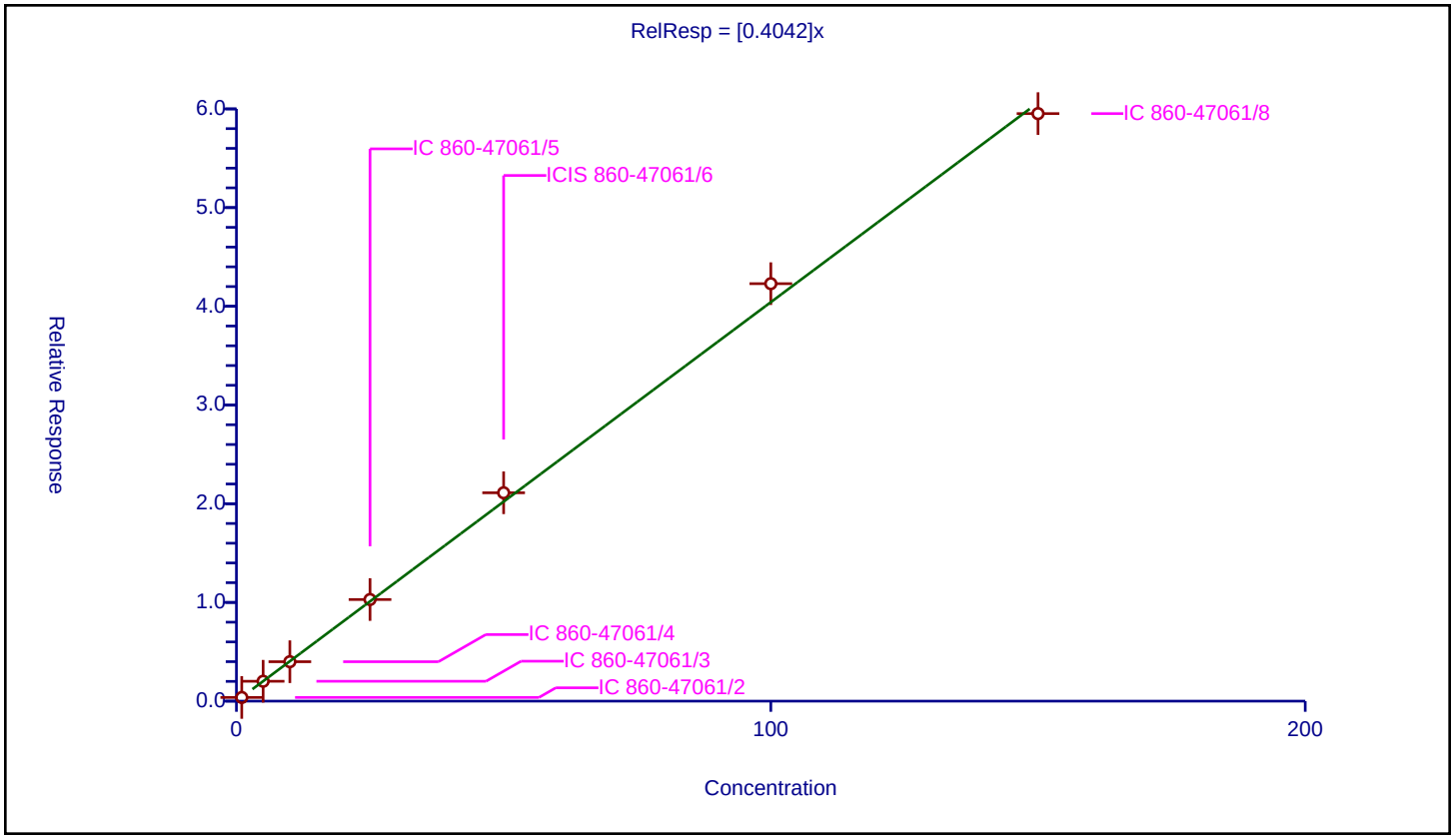
Curve Coefficients

Intercept:	0
Slope:	0.4042

Error Coefficients

Standard Error:	665000
Relative Standard Error:	4.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-47061/2	1.0	0.373166	50.0	1114115.0	0.373166	Y
2	IC 860-47061/3	5.0	2.013792	50.0	1078612.0	0.402758	Y
3	IC 860-47061/4	10.0	3.995771	50.0	1081118.0	0.399577	Y
4	IC 860-47061/5	25.0	10.29576	50.0	1051933.0	0.41183	Y
5	ICIS 860-47061/6	50.0	21.109911	50.0	1052913.0	0.422198	Y
6	IC 860-47061/7	100.0	42.293938	50.0	1069632.0	0.422939	Y
7	IC 860-47061/8	150.0	59.523465	50.0	1057173.0	0.396823	Y



Calibration / Isooctane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

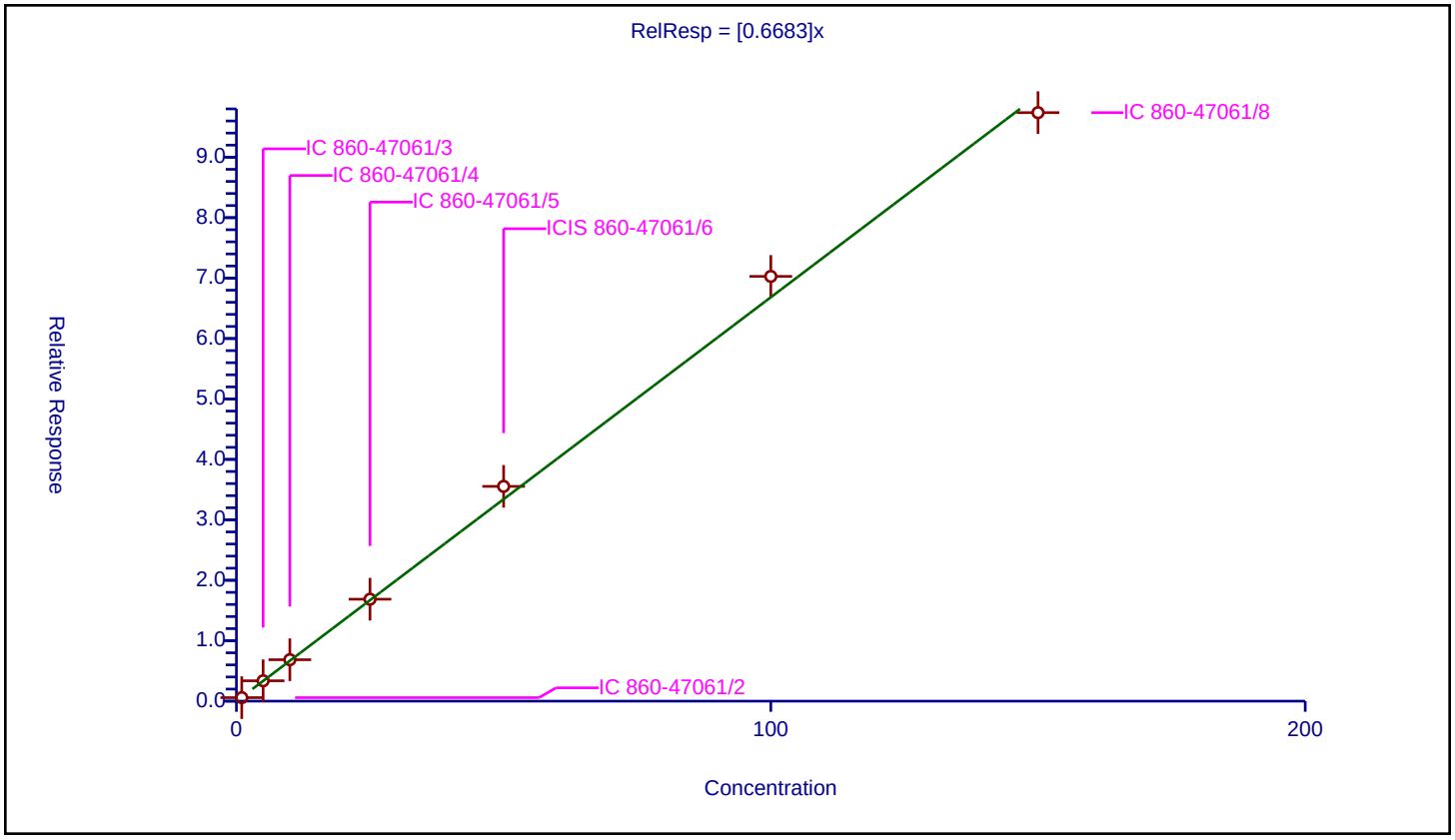
Curve Coefficients

Intercept:	0
Slope:	0.6683

Error Coefficients

Standard Error:	1100000
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 860-47061/2	1.0	0.580954	50.0	1114115.0	0.580954	Y
2	IC 860-47061/3	5.0	3.370953	50.0	1078612.0	0.674191	Y
3	IC 860-47061/4	10.0	6.855496	50.0	1081118.0	0.68555	Y
4	IC 860-47061/5	25.0	16.868517	50.0	1051933.0	0.674741	Y
5	ICIS 860-47061/6	50.0	35.539024	50.0	1052913.0	0.71078	Y
6	IC 860-47061/7	100.0	70.281555	50.0	1069632.0	0.702816	Y
7	IC 860-47061/8	150.0	97.378764	50.0	1057173.0	0.649192	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

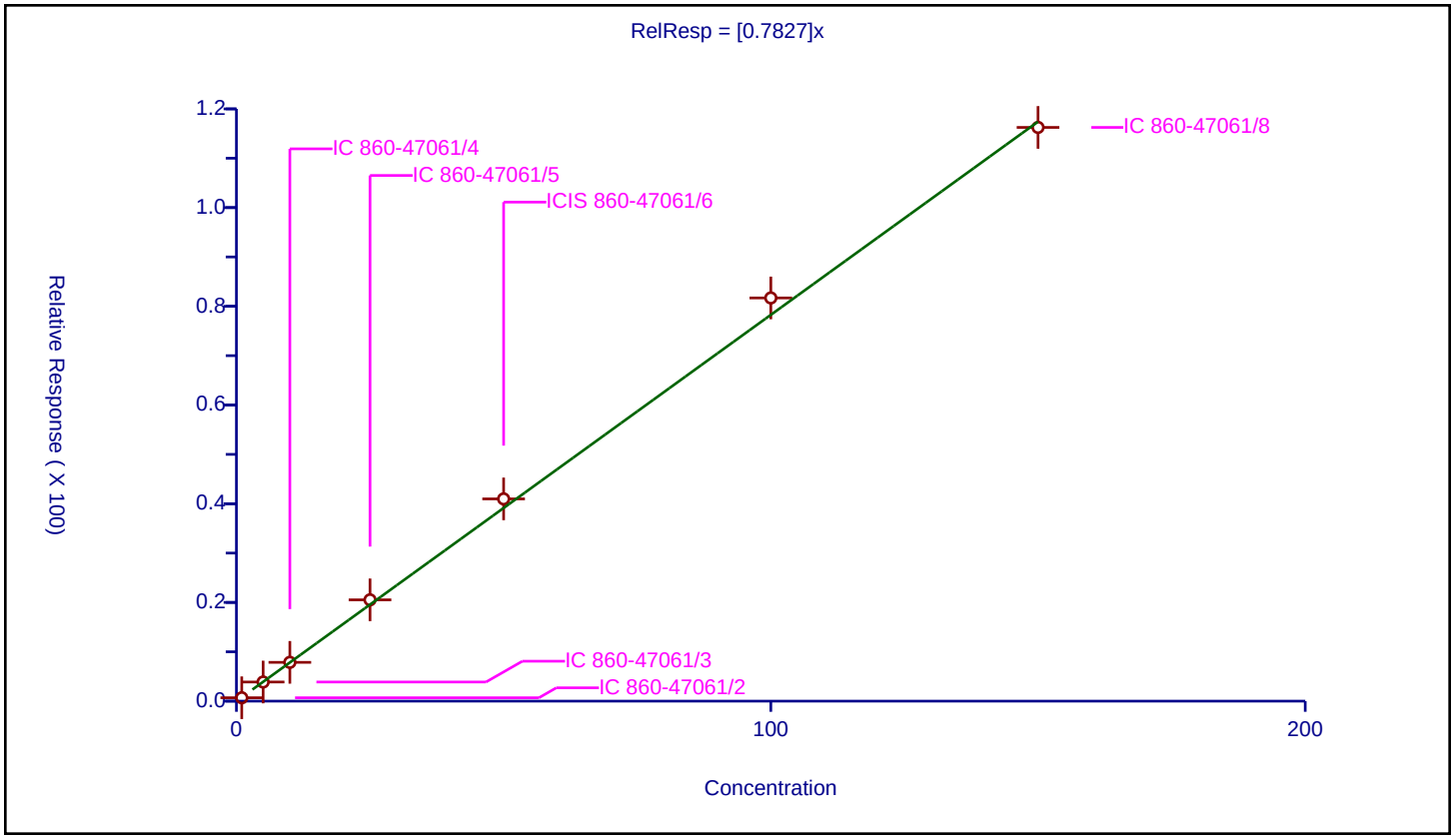
Curve Coefficients

Intercept:	0
Slope:	0.7827

Error Coefficients

Standard Error:	1290000
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 860-47061/2	1.0	0.685342	50.0	1114115.0	0.685342	Y
2	IC 860-47061/3	5.0	3.876	50.0	1078612.0	0.7752	Y
3	IC 860-47061/4	10.0	7.857468	50.0	1081118.0	0.785747	Y
4	IC 860-47061/5	25.0	20.526783	50.0	1051933.0	0.821071	Y
5	ICIS 860-47061/6	50.0	40.978837	50.0	1052913.0	0.819577	Y
6	IC 860-47061/7	100.0	81.696602	50.0	1069632.0	0.816966	Y
7	IC 860-47061/8	150.0	116.241334	50.0	1057173.0	0.774942	Y



Calibration / n-Butanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

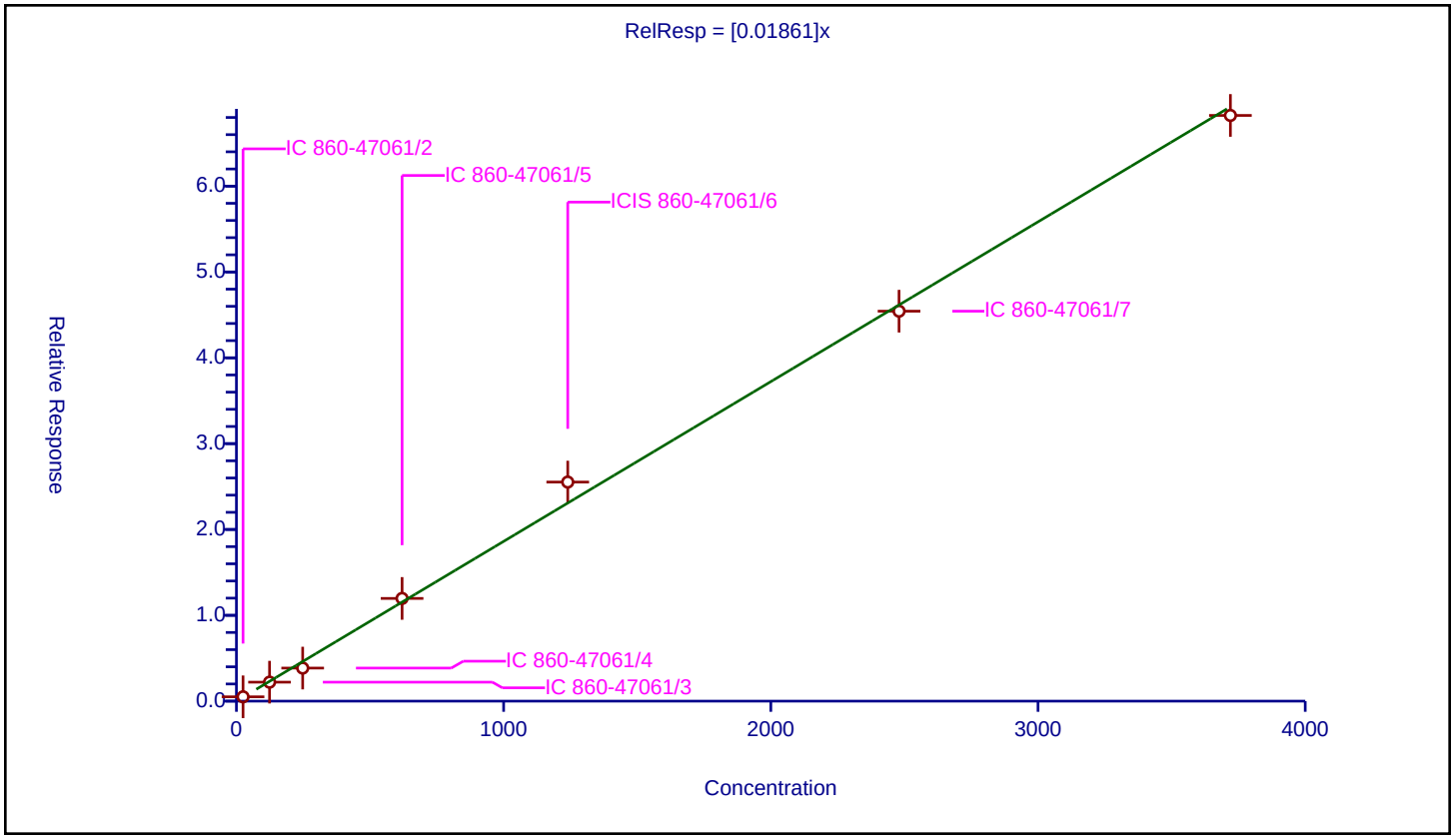
Curve Coefficients

Intercept:	0
Slope:	0.01861

Error Coefficients

Standard Error:	337000
Relative Standard Error:	9.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-47061/2	24.8	0.505286	50.0	463797.0	0.020374	Y
2	IC 860-47061/3	124.0	2.211304	50.0	452674.0	0.017833	Y
3	IC 860-47061/4	248.0	3.853243	50.0	448155.0	0.015537	Y
4	IC 860-47061/5	620.0	11.96709	50.0	452633.0	0.019302	Y
5	ICIS 860-47061/6	1240.0	25.522954	50.0	466580.0	0.020583	Y
6	IC 860-47061/7	2480.0	45.433276	50.0	475713.0	0.01832	Y
7	IC 860-47061/8	3720.0	68.236268	50.0	477000.0	0.018343	Y



Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

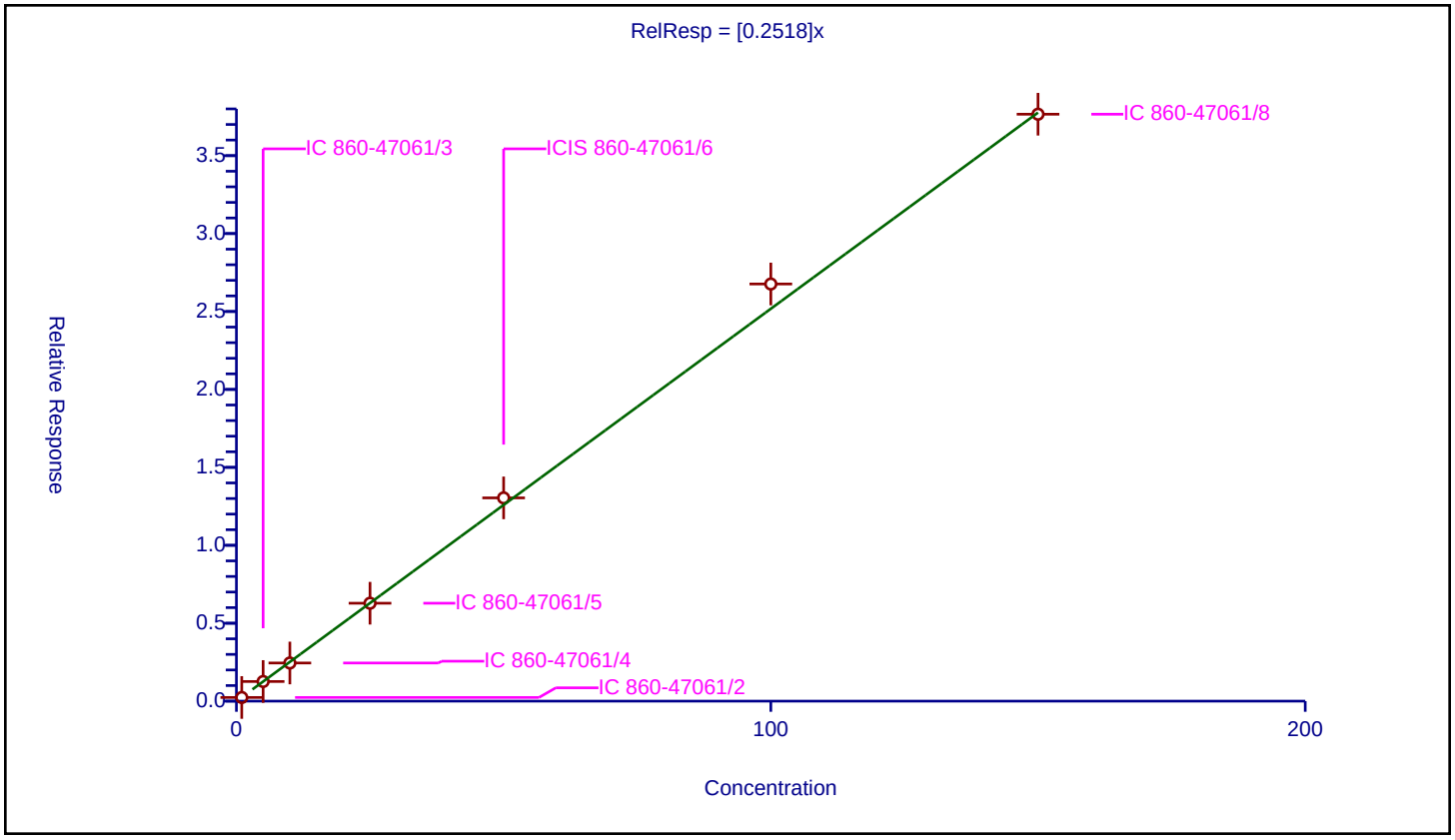
Curve Coefficients

Intercept:	0
Slope:	0.2518

Error Coefficients

Standard Error:	420000
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 860-47061/2	1.0	0.234491	50.0	1114115.0	0.234491	Y
2	IC 860-47061/3	5.0	1.260555	50.0	1078612.0	0.252111	Y
3	IC 860-47061/4	10.0	2.448206	50.0	1081118.0	0.244821	Y
4	IC 860-47061/5	25.0	6.282529	50.0	1051933.0	0.251301	Y
5	ICIS 860-47061/6	50.0	13.040963	50.0	1052913.0	0.260819	Y
6	IC 860-47061/7	100.0	26.764813	50.0	1069632.0	0.267648	Y
7	IC 860-47061/8	150.0	37.658879	50.0	1057173.0	0.251059	Y



Calibration / Methylcyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

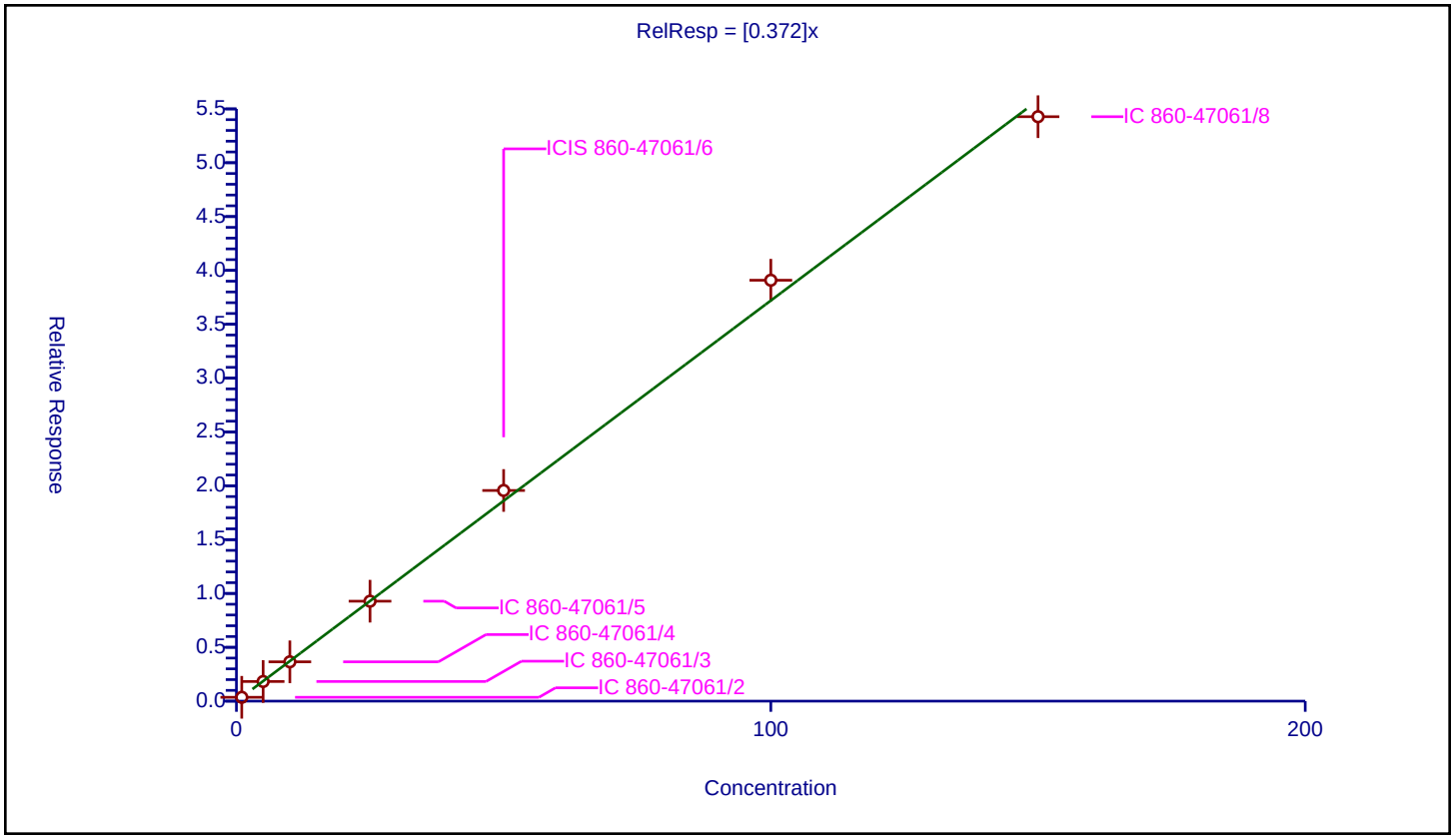
Curve Coefficients

Intercept:	0
Slope:	0.372

Error Coefficients

Standard Error:	610000
Relative Standard Error:	3.7
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-47061/2	1.0	0.358536	50.0	1114115.0	0.358536	Y
2	IC 860-47061/3	5.0	1.824845	50.0	1078612.0	0.364969	Y
3	IC 860-47061/4	10.0	3.652515	50.0	1081118.0	0.365252	Y
4	IC 860-47061/5	25.0	9.280724	50.0	1051933.0	0.371229	Y
5	ICIS 860-47061/6	50.0	19.564579	50.0	1052913.0	0.391292	Y
6	IC 860-47061/7	100.0	39.087415	50.0	1069632.0	0.390874	Y
7	IC 860-47061/8	150.0	54.275223	50.0	1057173.0	0.361835	Y



Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

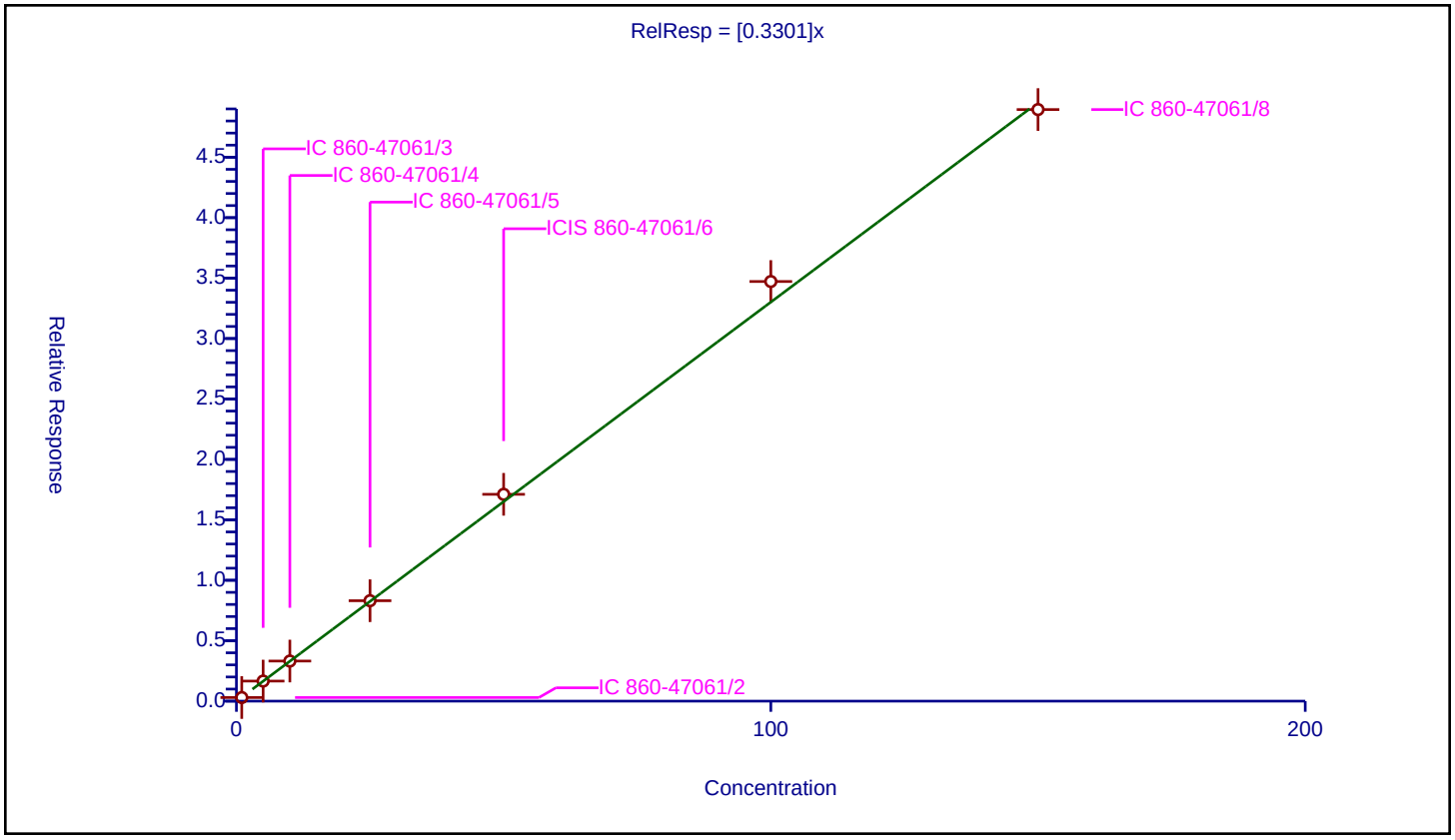
Curve Coefficients

Intercept:	0
Slope:	0.3301

Error Coefficients

Standard Error:	546000
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 860-47061/2	1.0	0.299027	50.0	1114115.0	0.299027	Y
2	IC 860-47061/3	5.0	1.660328	50.0	1078612.0	0.332066	Y
3	IC 860-47061/4	10.0	3.318185	50.0	1081118.0	0.331819	Y
4	IC 860-47061/5	25.0	8.308942	50.0	1051933.0	0.332358	Y
5	ICIS 860-47061/6	50.0	17.112715	50.0	1052913.0	0.342254	Y
6	IC 860-47061/7	100.0	34.718623	50.0	1069632.0	0.347186	Y
7	IC 860-47061/8	150.0	48.945773	50.0	1057173.0	0.326305	Y



Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

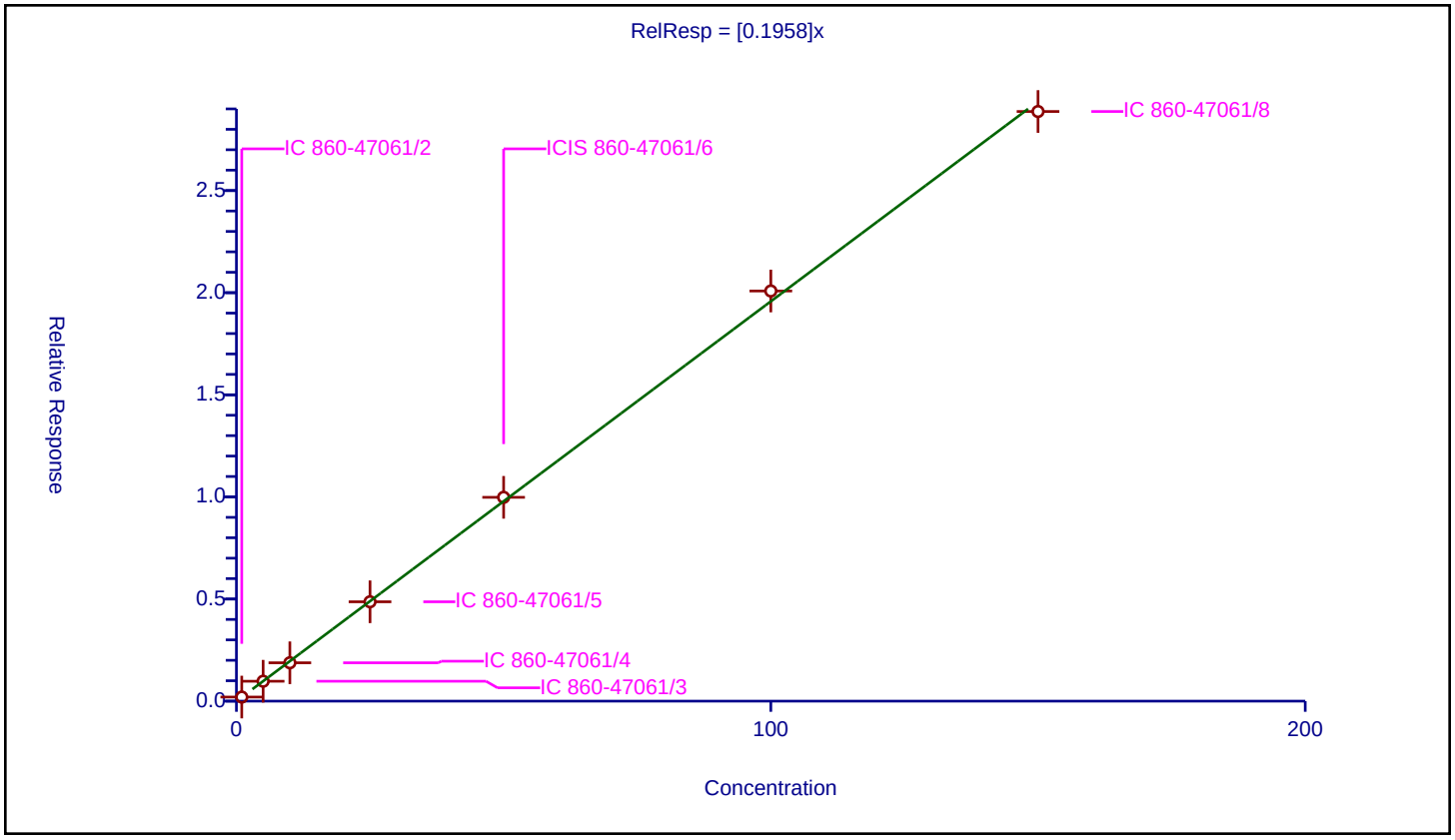
Curve Coefficients

Intercept:	0
Slope:	0.1958

Error Coefficients

Standard Error:	320000
Relative Standard Error:	2.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-47061/2	1.0	0.199934	50.0	1114115.0	0.199934	Y
2	IC 860-47061/3	5.0	0.974354	50.0	1078612.0	0.194871	Y
3	IC 860-47061/4	10.0	1.878888	50.0	1081118.0	0.187889	Y
4	IC 860-47061/5	25.0	4.865709	50.0	1051933.0	0.194628	Y
5	ICIS 860-47061/6	50.0	9.980549	50.0	1052913.0	0.199611	Y
6	IC 860-47061/7	100.0	20.08387	50.0	1069632.0	0.200839	Y
7	IC 860-47061/8	150.0	28.871812	50.0	1057173.0	0.192479	Y



Calibration / Methyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

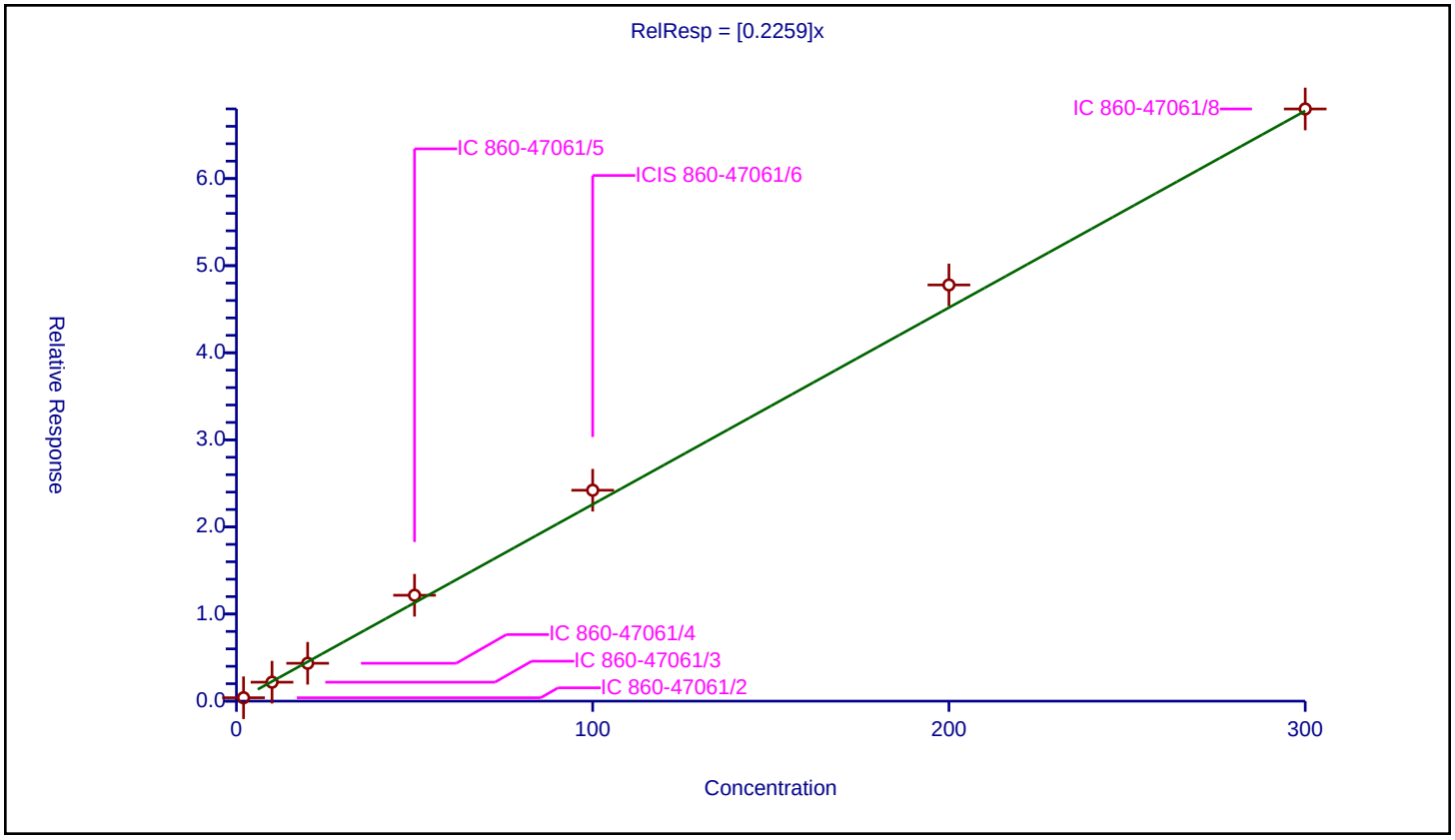
Curve Coefficients

Intercept:	0
Slope:	0.2259

Error Coefficients

Standard Error:	758000
Relative Standard Error:	7.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-47061/2	2.0	0.391297	50.0	1114115.0	0.195649	Y
2	IC 860-47061/3	10.0	2.174647	50.0	1078612.0	0.217465	Y
3	IC 860-47061/4	20.0	4.347352	50.0	1081118.0	0.217368	Y
4	IC 860-47061/5	50.0	12.157809	50.0	1051933.0	0.243156	Y
5	ICIS 860-47061/6	100.0	24.215344	50.0	1052913.0	0.242153	Y
6	IC 860-47061/7	200.0	47.78737	50.0	1069632.0	0.238937	Y
7	IC 860-47061/8	300.0	67.990859	50.0	1057173.0	0.226636	Y



Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

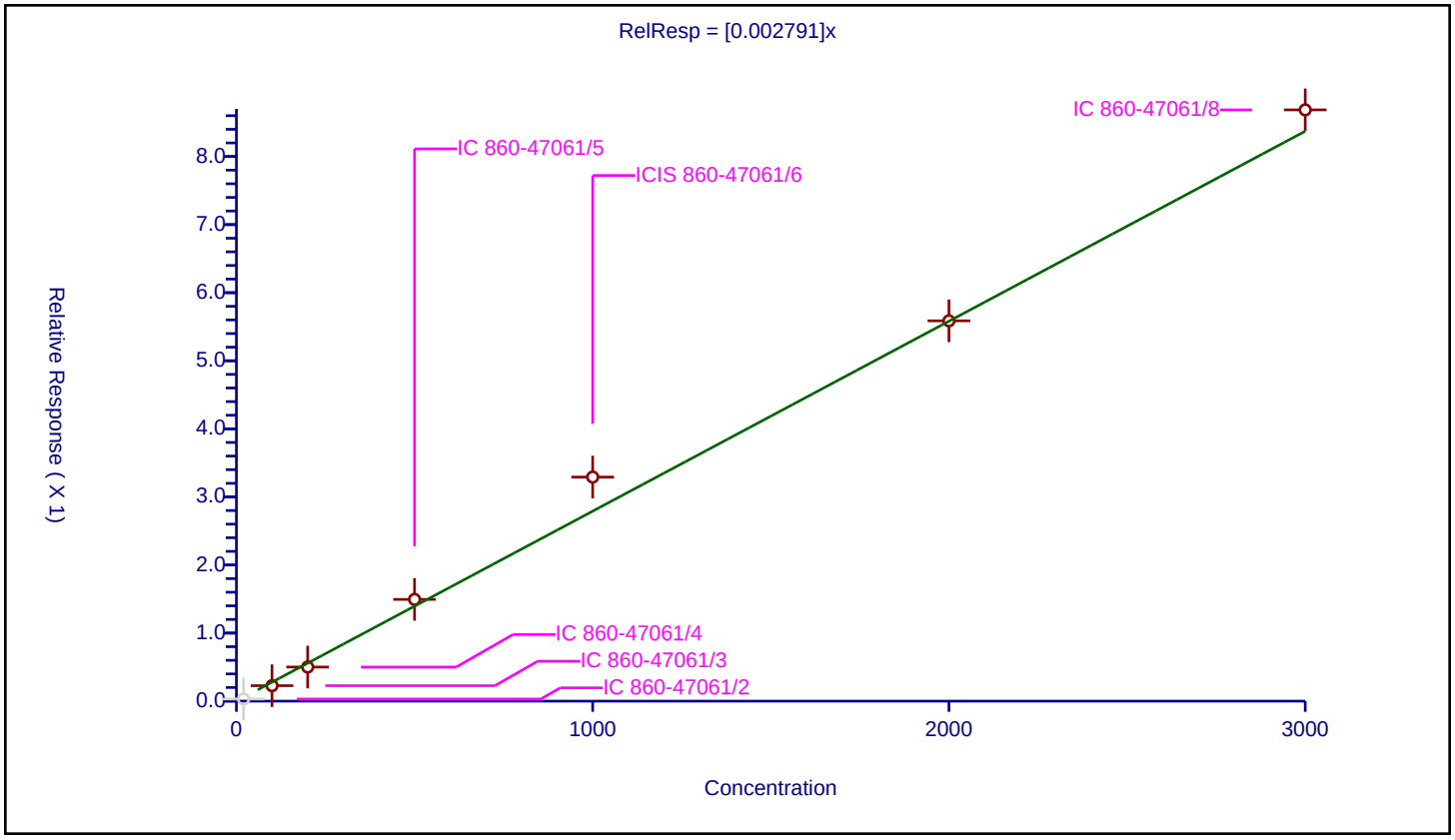
Curve Coefficients

Intercept:	0
Slope:	0.002791

Error Coefficients

Standard Error:	104000
Relative Standard Error:	13.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-47061/2	20.0	0.031146	50.0	1114115.0	0.001557	N
2	IC 860-47061/3	100.0	0.226958	50.0	1078612.0	0.00227	Y
3	IC 860-47061/4	200.0	0.501148	50.0	1081118.0	0.002506	Y
4	IC 860-47061/5	500.0	1.494439	50.0	1051933.0	0.002989	Y
5	ICIS 860-47061/6	1000.0	3.291488	50.0	1052913.0	0.003291	Y
6	IC 860-47061/7	2000.0	5.586828	50.0	1069632.0	0.002793	Y
7	IC 860-47061/8	3000.0	8.685381	50.0	1057173.0	0.002895	Y



Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

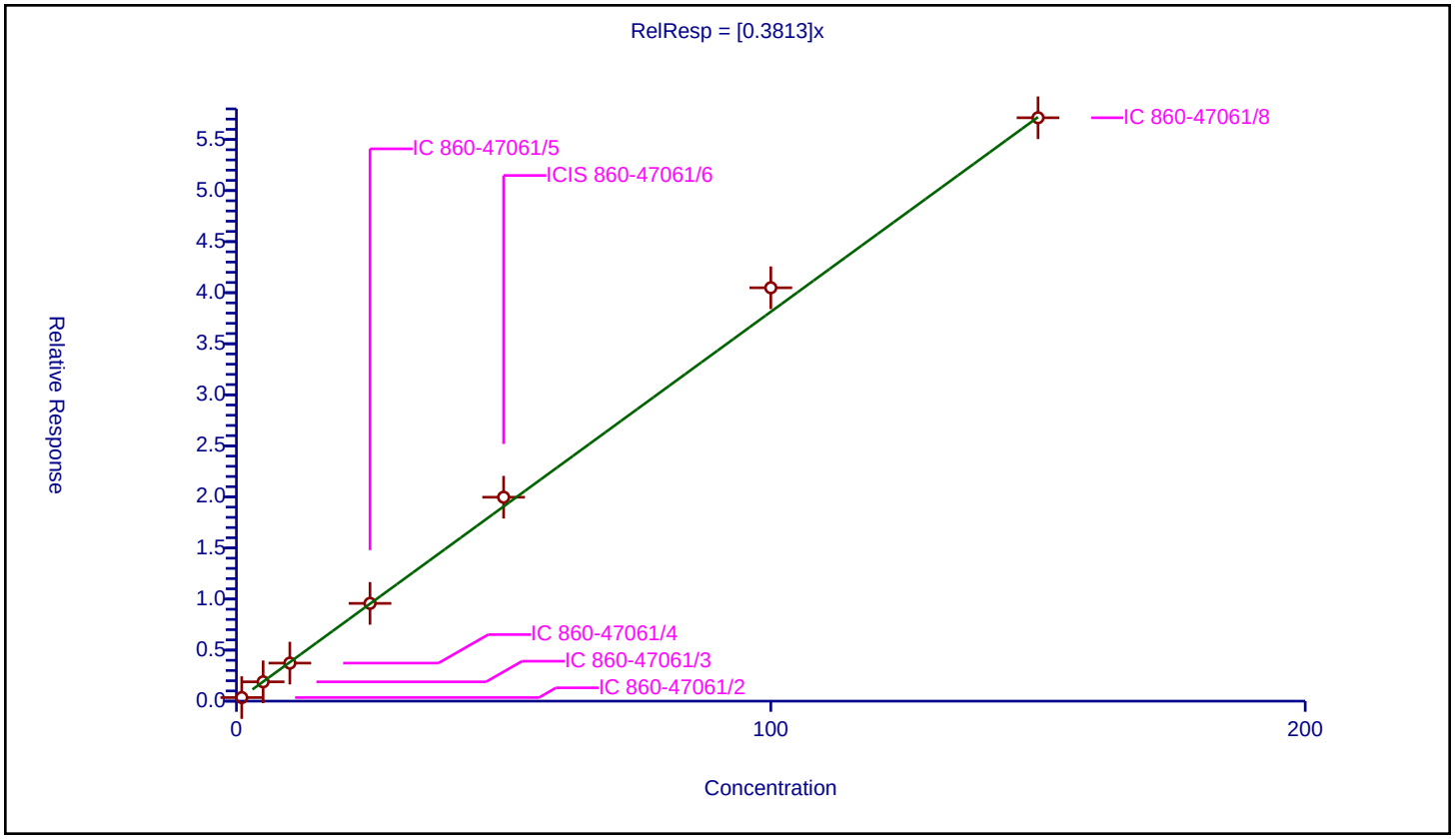
Curve Coefficients

Intercept:	0
Slope:	0.3813

Error Coefficients

Standard Error:	637000
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 860-47061/2	1.0	0.349919	50.0	1114115.0	0.349919	Y
2	IC 860-47061/3	5.0	1.893081	50.0	1078612.0	0.378616	Y
3	IC 860-47061/4	10.0	3.724755	50.0	1081118.0	0.372476	Y
4	IC 860-47061/5	25.0	9.575039	50.0	1051933.0	0.383002	Y
5	ICIS 860-47061/6	50.0	19.971736	50.0	1052913.0	0.399435	Y
6	IC 860-47061/7	100.0	40.482568	50.0	1069632.0	0.404826	Y
7	IC 860-47061/8	150.0	57.130432	50.0	1057173.0	0.38087	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

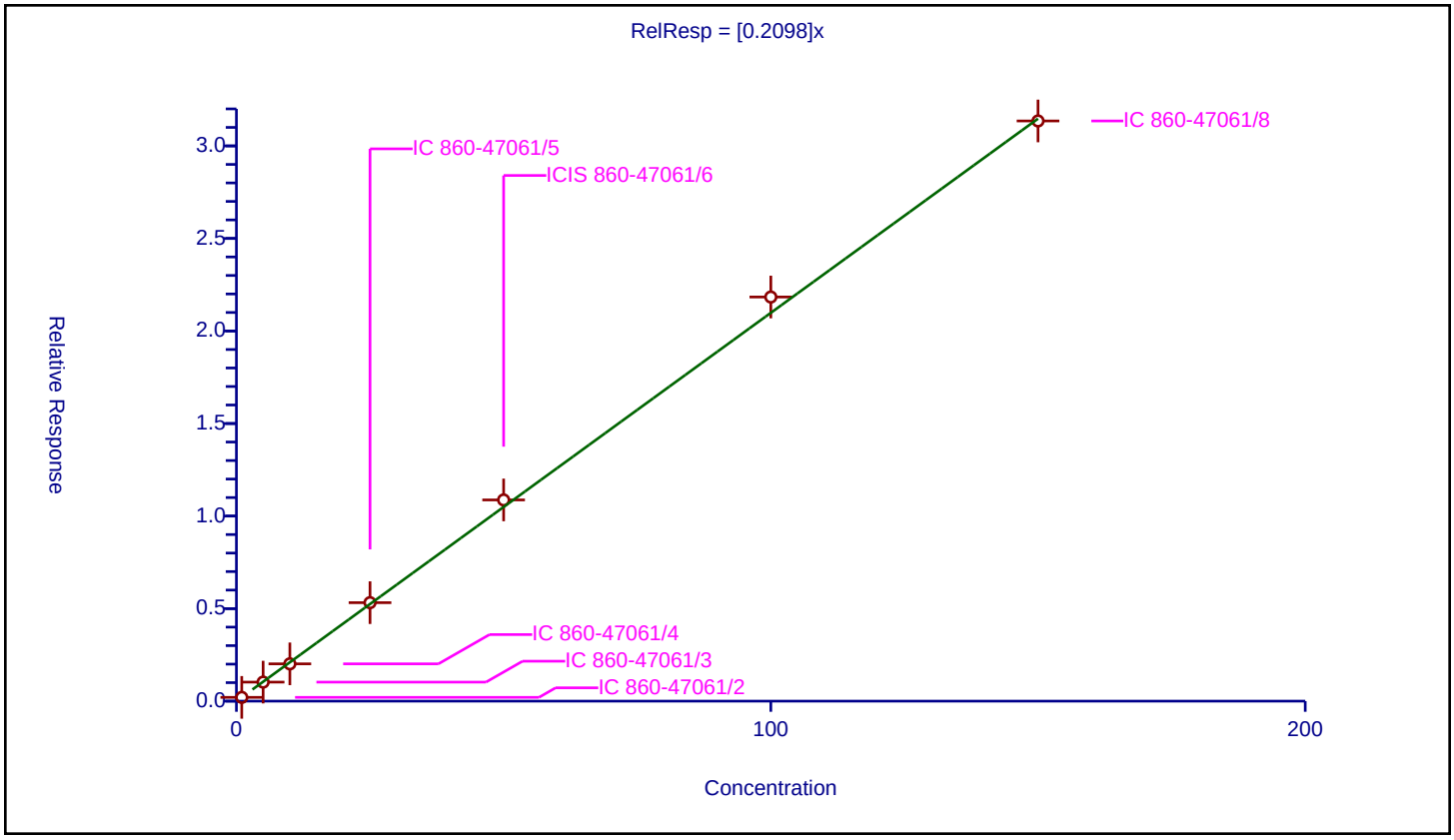
Curve Coefficients

Intercept:	0
Slope:	0.2098

Error Coefficients

Standard Error:	348000
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 860-47061/2	1.0	0.204018	50.0	1114115.0	0.204018	Y
2	IC 860-47061/3	5.0	1.027663	50.0	1078612.0	0.205533	Y
3	IC 860-47061/4	10.0	2.014951	50.0	1081118.0	0.201495	Y
4	IC 860-47061/5	25.0	5.320824	50.0	1051933.0	0.212833	Y
5	ICIS 860-47061/6	50.0	10.871221	50.0	1052913.0	0.217424	Y
6	IC 860-47061/7	100.0	21.83508	50.0	1069632.0	0.218351	Y
7	IC 860-47061/8	150.0	31.347991	50.0	1057173.0	0.208987	Y



Calibration / Epichlorohydrin

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

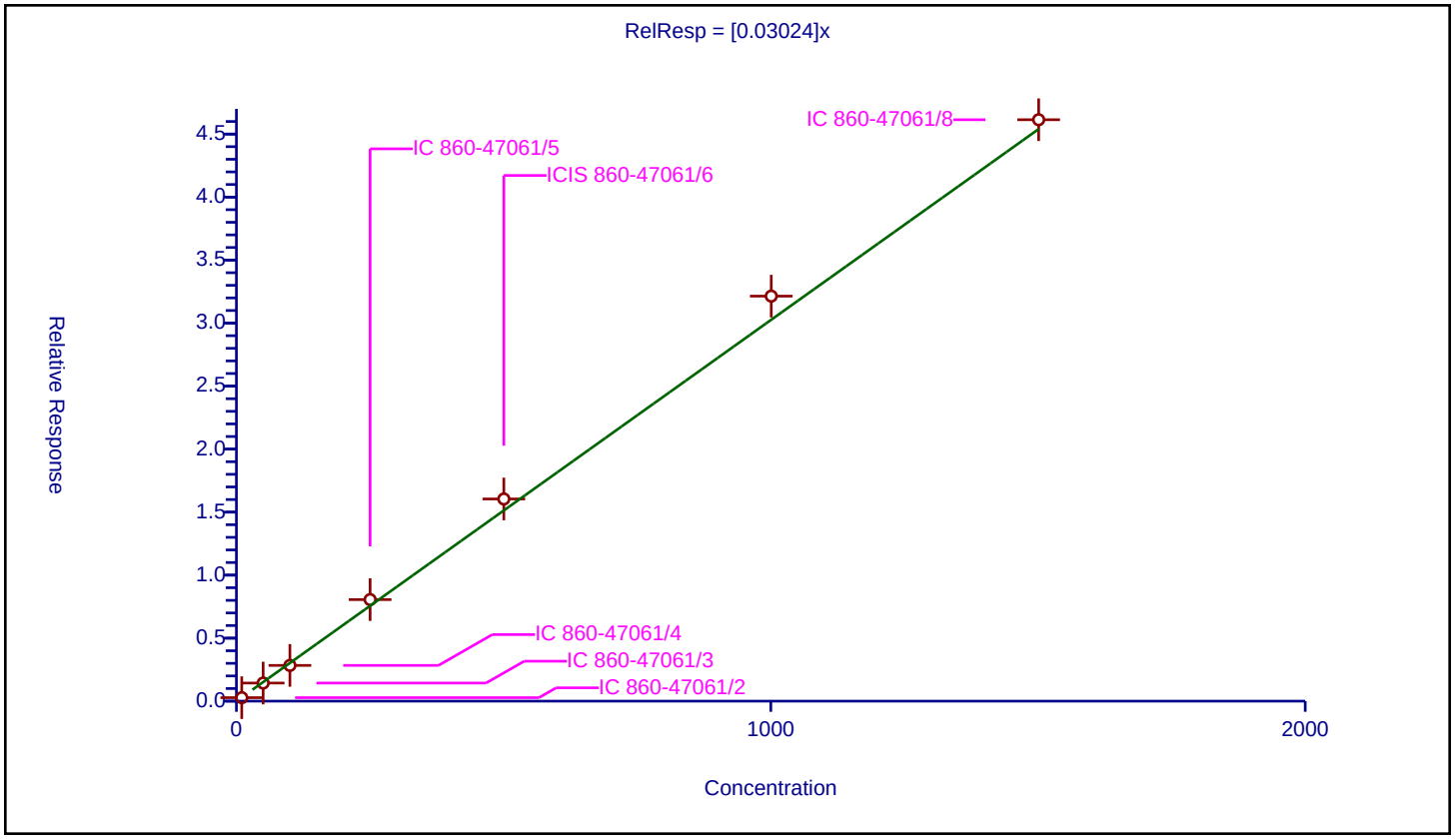
Curve Coefficients

Intercept:	0
Slope:	0.03024

Error Coefficients

Standard Error:	512000
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 860-47061/2	10.00818	0.275779	50.0	1114115.0	0.027555	Y
2	IC 860-47061/3	50.0409	1.435595	50.0	1078612.0	0.028688	Y
3	IC 860-47061/4	100.0818	2.834889	50.0	1081118.0	0.028326	Y
4	IC 860-47061/5	250.2045	8.058641	50.0	1051933.0	0.032208	Y
5	ICIS 860-47061/6	500.409	16.044061	50.0	1052913.0	0.032062	Y
6	IC 860-47061/7	1000.818	32.141989	50.0	1069632.0	0.032116	Y
7	IC 860-47061/8	1501.227	46.140083	50.0	1057173.0	0.030735	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

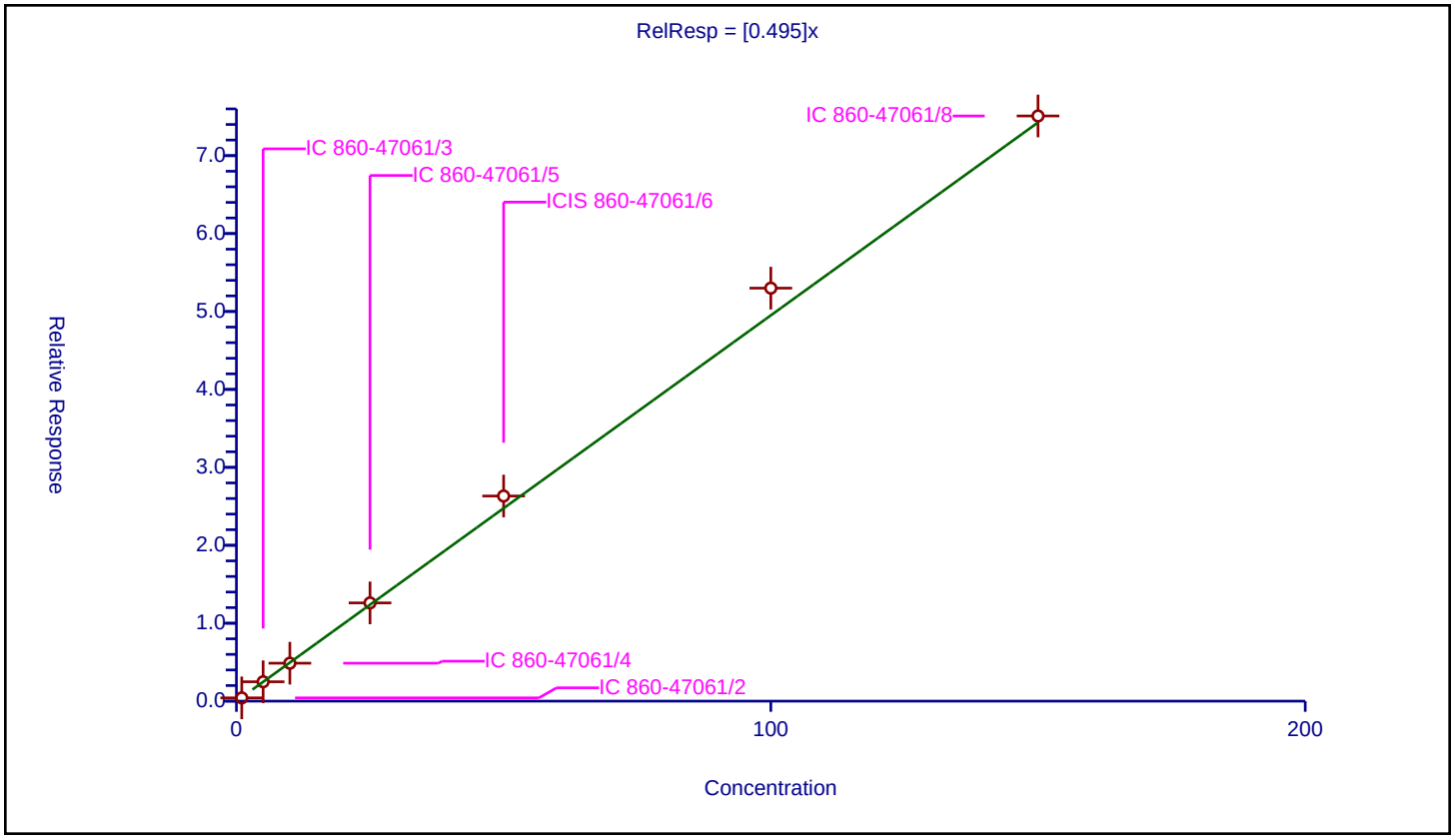
Curve Coefficients

Intercept:	0
Slope:	0.495

Error Coefficients

Standard Error:	836000
Relative Standard Error:	7.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-47061/2	1.0	0.419885	50.0	1114115.0	0.419885	Y
2	IC 860-47061/3	5.0	2.486946	50.0	1078612.0	0.497389	Y
3	IC 860-47061/4	10.0	4.867508	50.0	1081118.0	0.486751	Y
4	IC 860-47061/5	25.0	12.605651	50.0	1051933.0	0.504226	Y
5	ICIS 860-47061/6	50.0	26.322403	50.0	1052913.0	0.526448	Y
6	IC 860-47061/7	100.0	52.998929	50.0	1069632.0	0.529989	Y
7	IC 860-47061/8	150.0	75.089555	50.0	1057173.0	0.500597	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

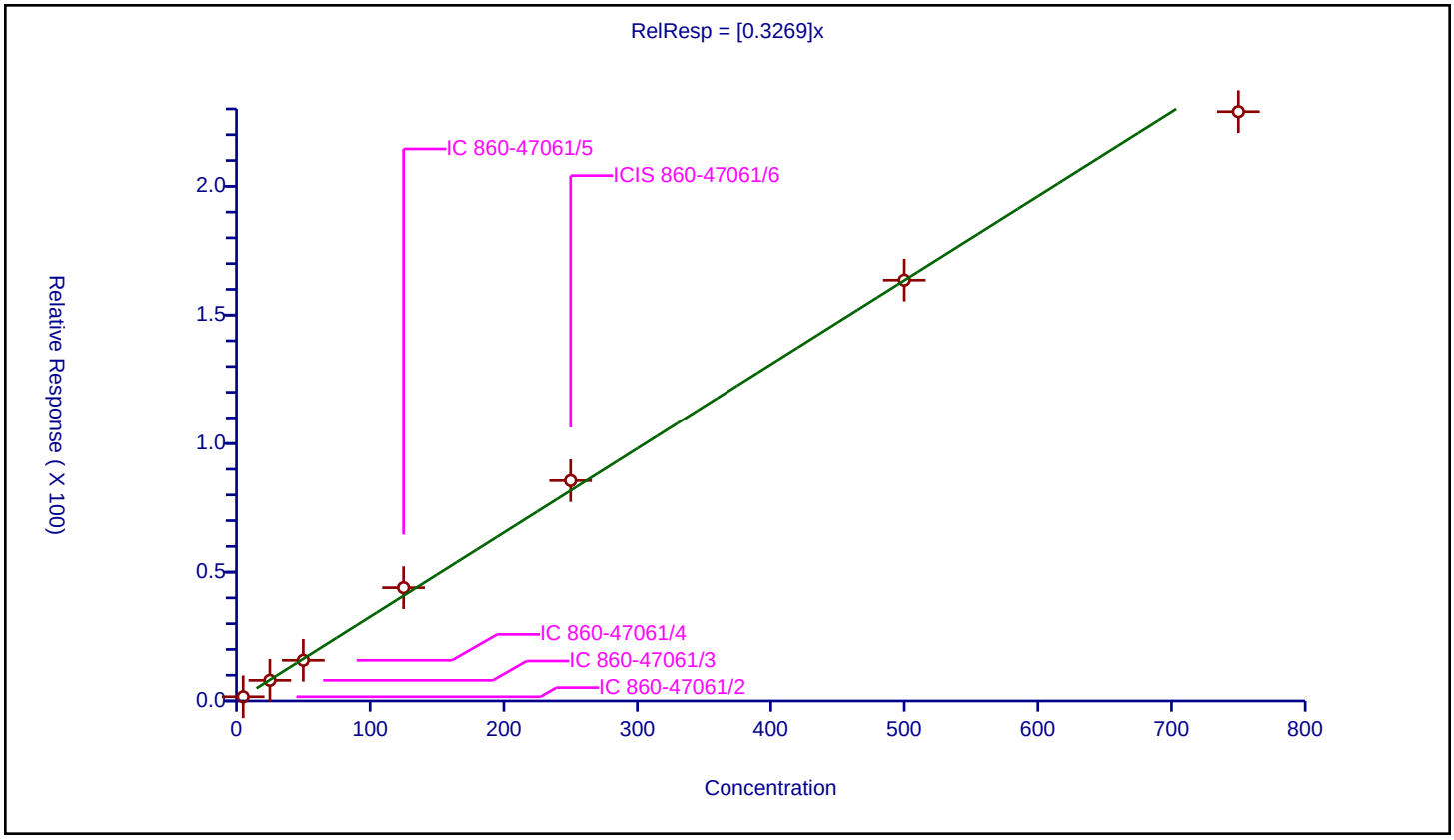
Curve Coefficients

Intercept:	0
Slope:	0.3269

Error Coefficients

Standard Error:	2580000
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 860-47061/2	5.0	1.627974	50.0	1114115.0	0.325595	Y
2	IC 860-47061/3	25.0	8.011129	50.0	1078612.0	0.320445	Y
3	IC 860-47061/4	50.0	15.790968	50.0	1081118.0	0.315819	Y
4	IC 860-47061/5	125.0	43.974997	50.0	1051933.0	0.3518	Y
5	ICIS 860-47061/6	250.0	85.601137	50.0	1052913.0	0.342405	Y
6	IC 860-47061/7	500.0	163.572986	50.0	1069632.0	0.327146	Y
7	IC 860-47061/8	750.0	228.936513	50.0	1057173.0	0.305249	Y



Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

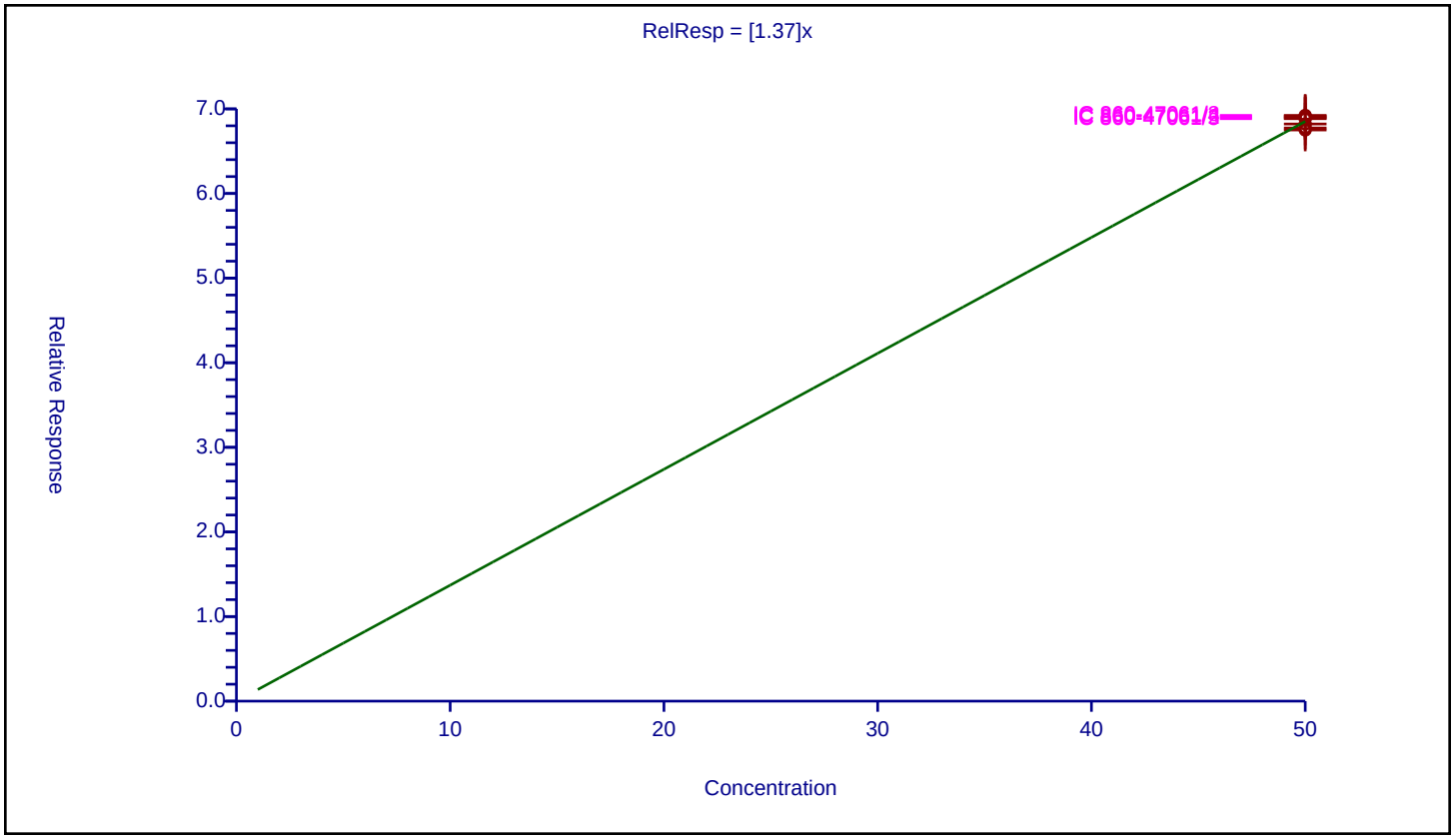
Curve Coefficients

Intercept:	0
Slope:	1.37

Error Coefficients

Standard Error:	1410000
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 860-47061/2	50.0	68.937168	50.0	972656.0	1.378743	Y
2	IC 860-47061/3	50.0	69.228532	50.0	949165.0	1.384571	Y
3	IC 860-47061/4	50.0	69.115438	50.0	947339.0	1.382309	Y
4	IC 860-47061/5	50.0	68.841996	50.0	930947.0	1.37684	Y
5	ICIS 860-47061/6	50.0	67.506851	50.0	949177.0	1.350137	Y
6	IC 860-47061/7	50.0	68.215674	50.0	953772.0	1.364313	Y
7	IC 860-47061/8	50.0	67.746095	50.0	945022.0	1.354922	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

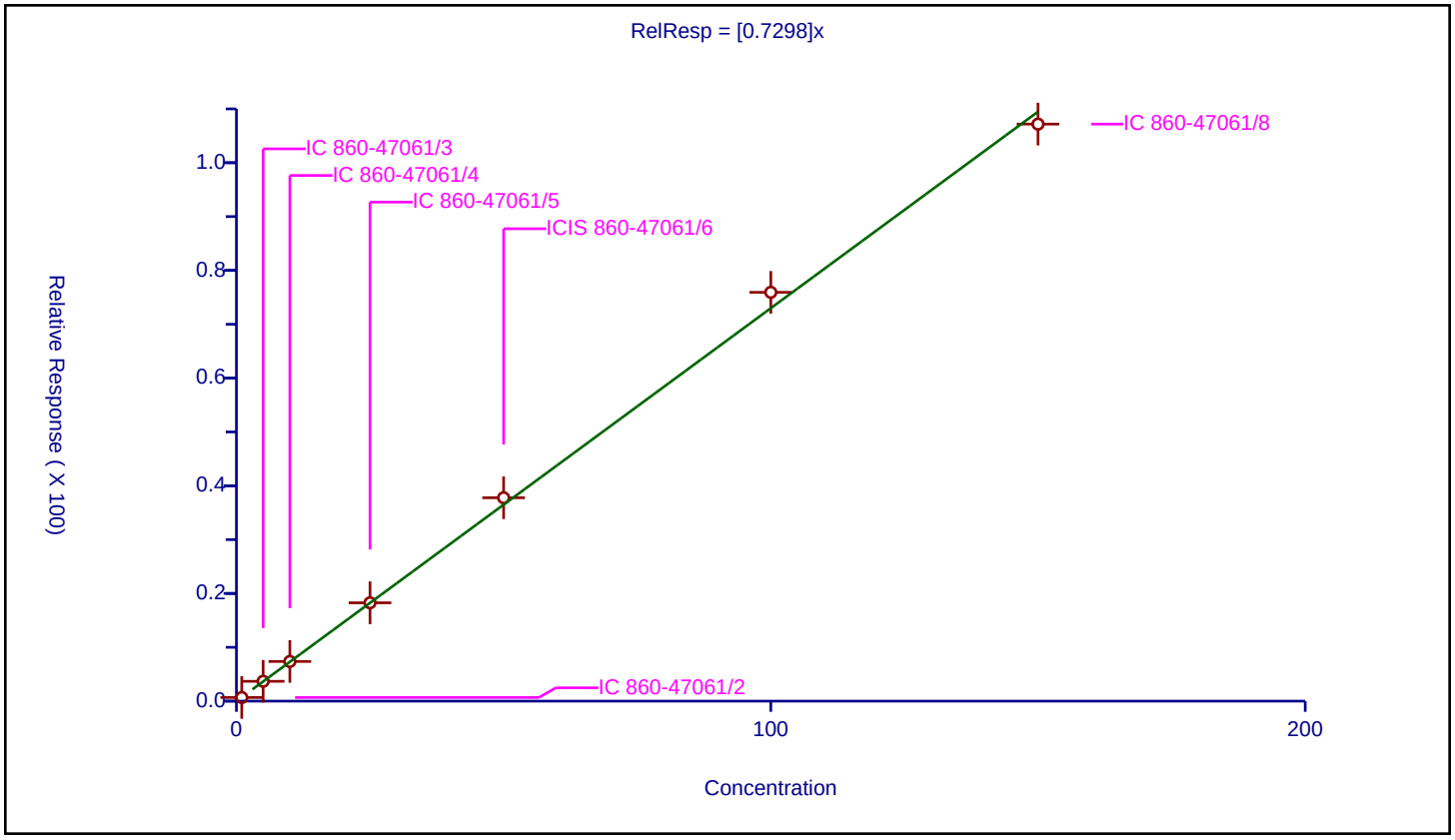
Curve Coefficients

Intercept:	0
Slope:	0.7298

Error Coefficients

Standard Error:	1070000
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 860-47061/2	1.0	0.675264	50.0	972656.0	0.675264	Y
2	IC 860-47061/3	5.0	3.684502	50.0	949165.0	0.7369	Y
3	IC 860-47061/4	10.0	7.367954	50.0	947339.0	0.736795	Y
4	IC 860-47061/5	25.0	18.265594	50.0	930947.0	0.730624	Y
5	ICIS 860-47061/6	50.0	37.777095	50.0	949177.0	0.755542	Y
6	IC 860-47061/7	100.0	75.932089	50.0	953772.0	0.759321	Y
7	IC 860-47061/8	150.0	107.175283	50.0	945022.0	0.714502	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

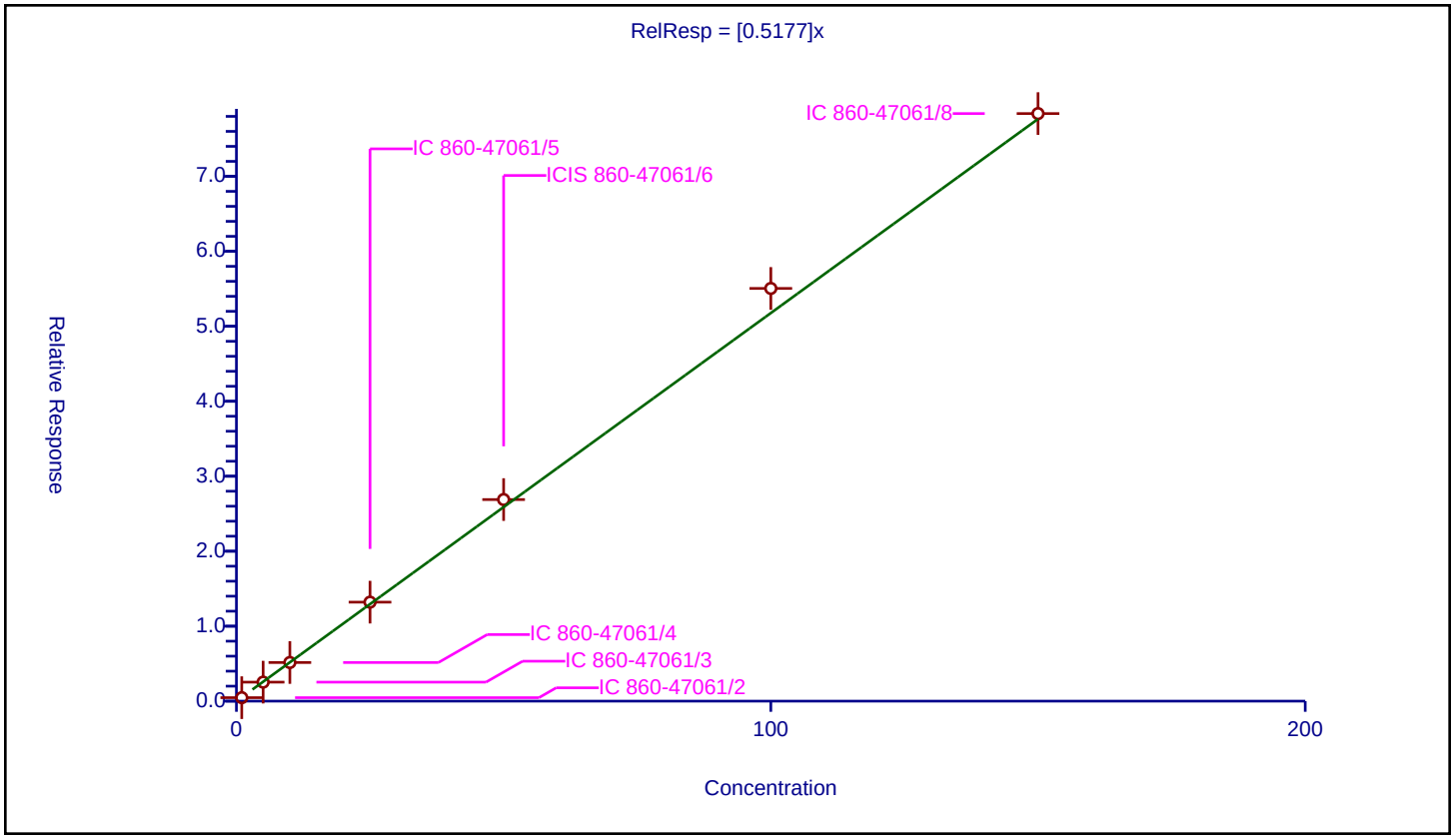
Curve Coefficients

Intercept:	0
Slope:	0.5177

Error Coefficients

Standard Error:	778000
Relative Standard Error:	5.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-47061/2	1.0	0.462445	50.0	972656.0	0.462445	Y
2	IC 860-47061/3	5.0	2.534122	50.0	949165.0	0.506824	Y
3	IC 860-47061/4	10.0	5.154649	50.0	947339.0	0.515465	Y
4	IC 860-47061/5	25.0	13.205156	50.0	930947.0	0.528206	Y
5	ICIS 860-47061/6	50.0	26.888926	50.0	949177.0	0.537779	Y
6	IC 860-47061/7	100.0	55.052361	50.0	953772.0	0.550524	Y
7	IC 860-47061/8	150.0	78.372937	50.0	945022.0	0.522486	Y



Calibration / Ethyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

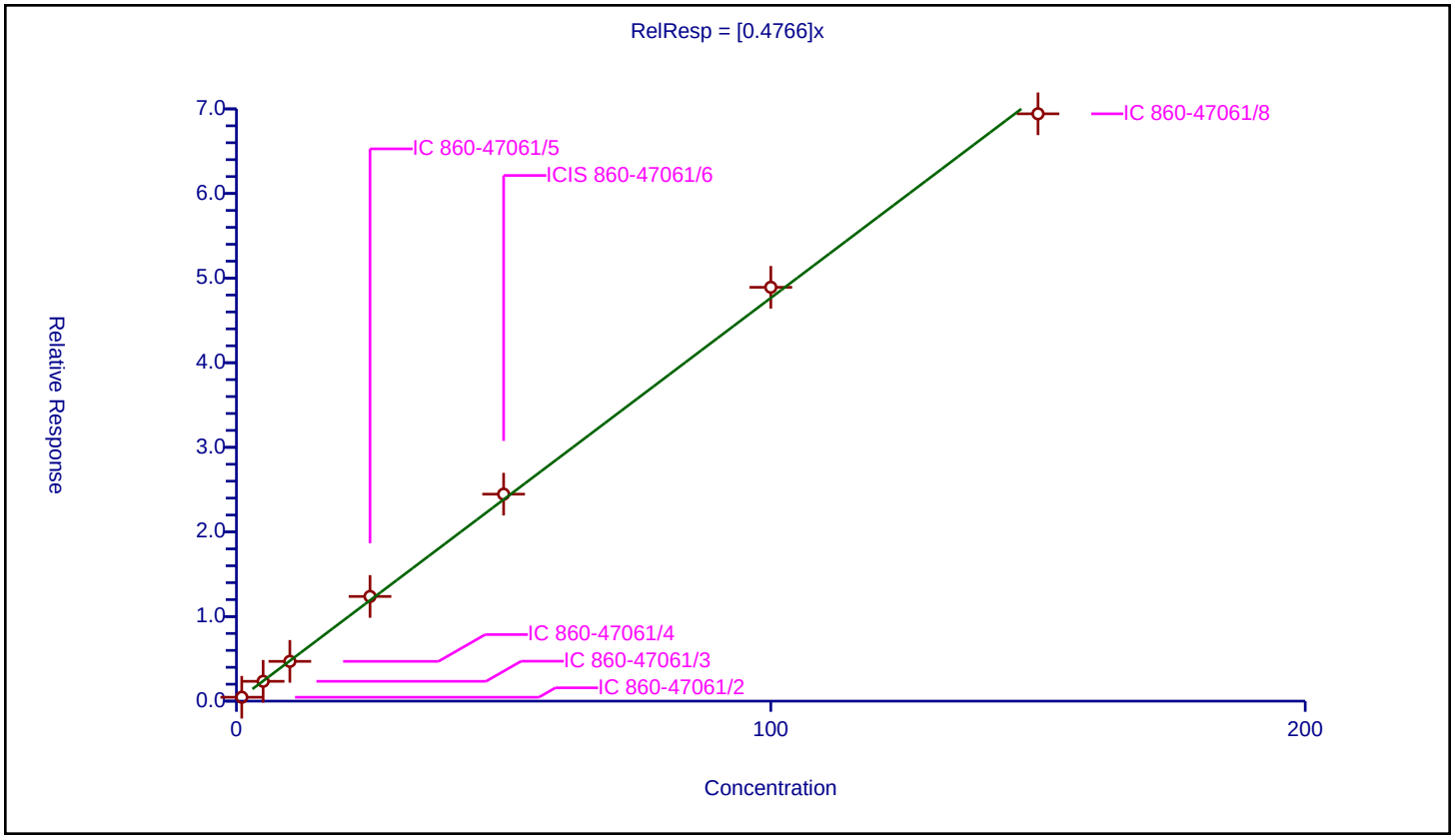
Curve Coefficients

Intercept:	0
Slope:	0.4766

Error Coefficients

Standard Error:	692000
Relative Standard Error:	3.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-47061/2	1.0	0.460903	50.0	972656.0	0.460903	Y
2	IC 860-47061/3	5.0	2.344218	50.0	949165.0	0.468844	Y
3	IC 860-47061/4	10.0	4.700799	50.0	947339.0	0.47008	Y
4	IC 860-47061/5	25.0	12.374335	50.0	930947.0	0.494973	Y
5	ICIS 860-47061/6	50.0	24.465247	50.0	949177.0	0.489305	Y
6	IC 860-47061/7	100.0	48.915831	50.0	953772.0	0.489158	Y
7	IC 860-47061/8	150.0	69.422088	50.0	945022.0	0.462814	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

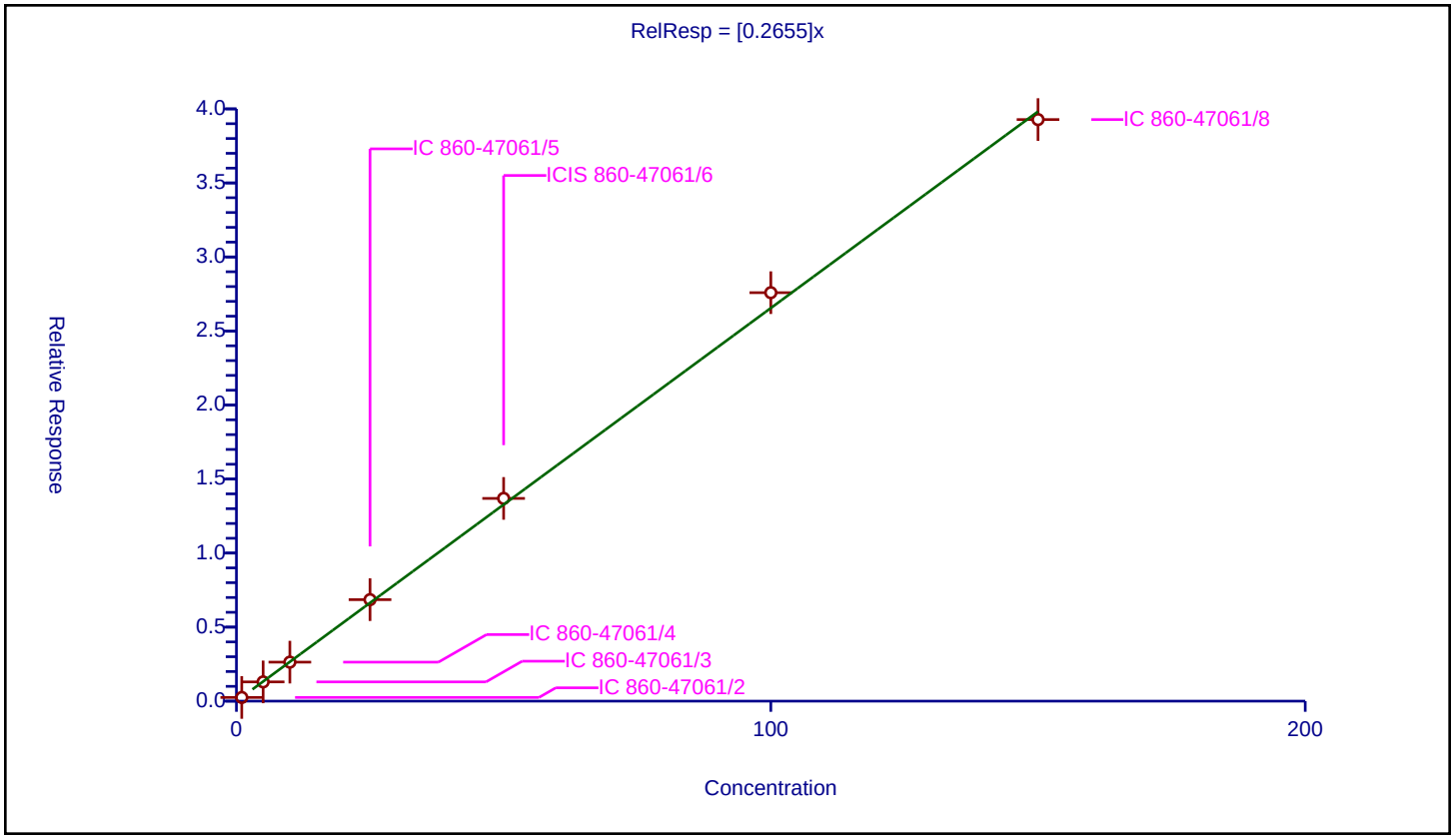
Curve Coefficients

Intercept:	0
Slope:	0.2655

Error Coefficients

Standard Error:	390000
Relative Standard Error:	3.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-47061/2	1.0	0.249163	50.0	972656.0	0.249163	Y
2	IC 860-47061/3	5.0	1.299721	50.0	949165.0	0.259944	Y
3	IC 860-47061/4	10.0	2.635171	50.0	947339.0	0.263517	Y
4	IC 860-47061/5	25.0	6.853935	50.0	930947.0	0.274157	Y
5	ICIS 860-47061/6	50.0	13.692178	50.0	949177.0	0.273844	Y
6	IC 860-47061/7	100.0	27.587987	50.0	953772.0	0.27588	Y
7	IC 860-47061/8	150.0	39.278292	50.0	945022.0	0.261855	Y



Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

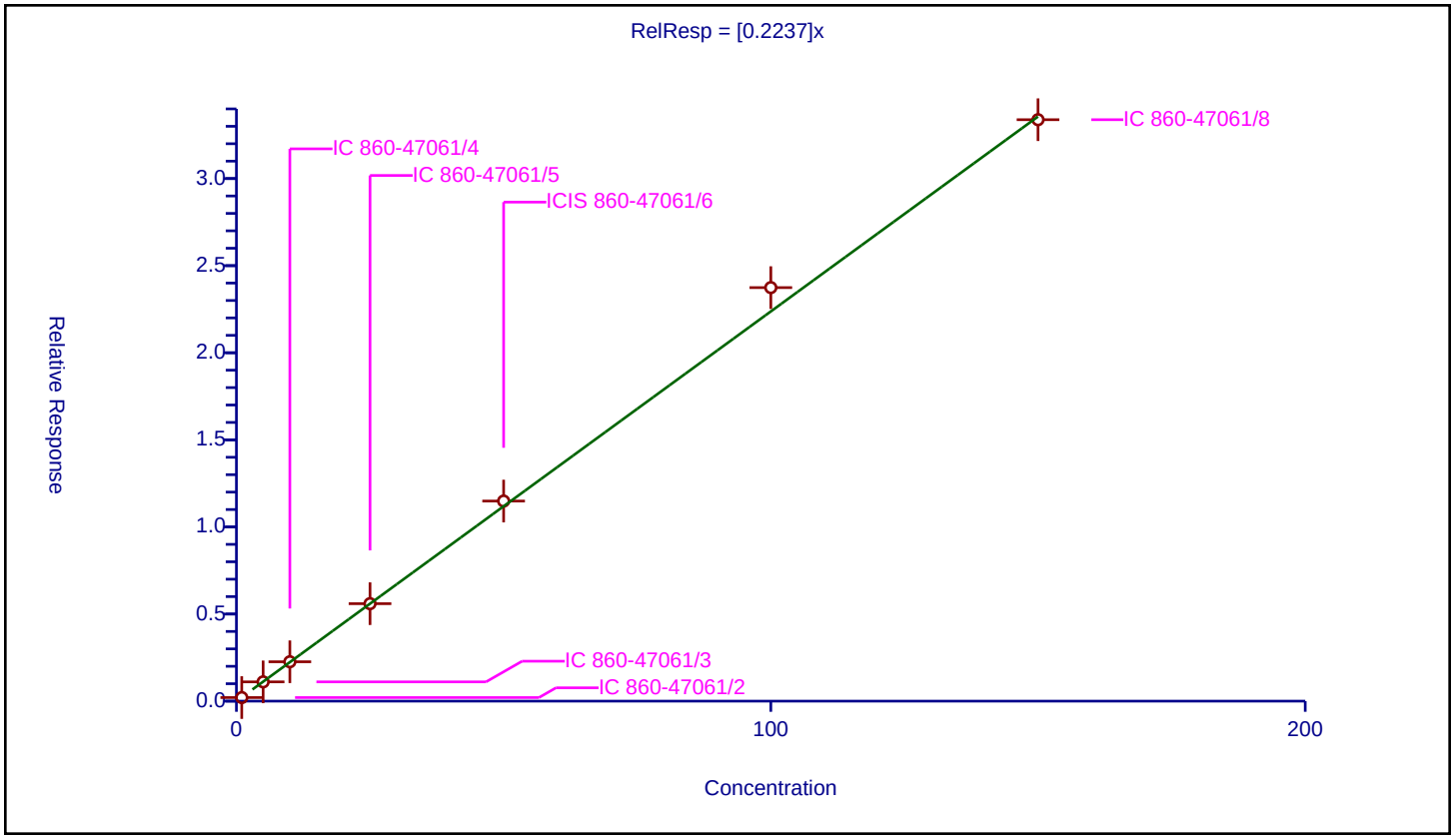
Curve Coefficients

Intercept:	0
Slope:	0.2237

Error Coefficients

Standard Error:	333000
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 860-47061/2	1.0	0.205211	50.0	972656.0	0.205211	Y
2	IC 860-47061/3	5.0	1.106552	50.0	949165.0	0.22131	Y
3	IC 860-47061/4	10.0	2.260701	50.0	947339.0	0.22607	Y
4	IC 860-47061/5	25.0	5.595807	50.0	930947.0	0.223832	Y
5	ICIS 860-47061/6	50.0	11.487215	50.0	949177.0	0.229744	Y
6	IC 860-47061/7	100.0	23.739583	50.0	953772.0	0.237396	Y
7	IC 860-47061/8	150.0	33.379911	50.0	945022.0	0.222533	Y



Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

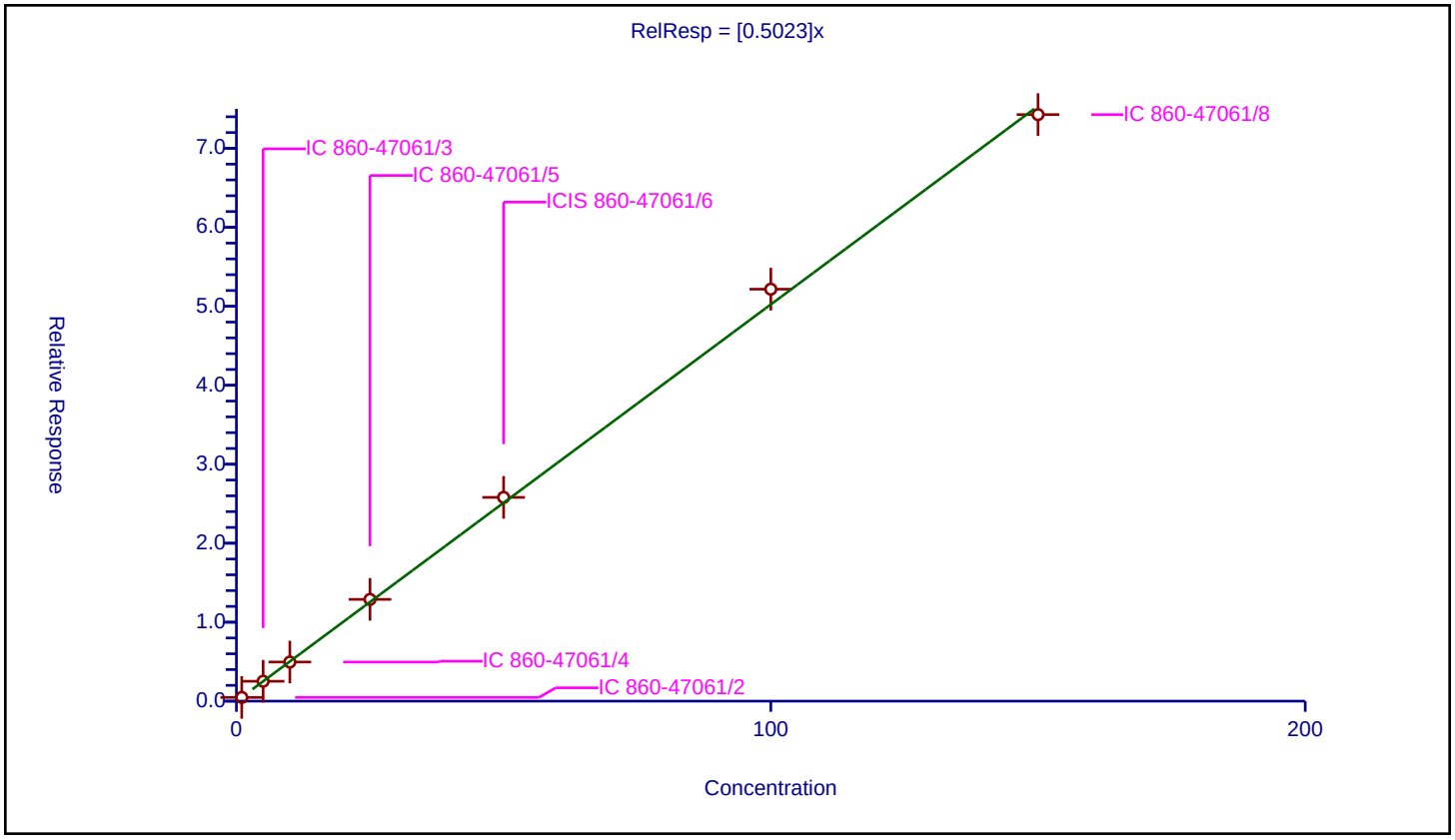
Curve Coefficients

Intercept:	0
Slope:	0.5023

Error Coefficients

Standard Error:	738000
Relative Standard Error:	3.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-47061/2	1.0	0.469539	50.0	972656.0	0.469539	Y
2	IC 860-47061/3	5.0	2.516159	50.0	949165.0	0.503232	Y
3	IC 860-47061/4	10.0	4.953084	50.0	947339.0	0.495308	Y
4	IC 860-47061/5	25.0	12.88634	50.0	930947.0	0.515454	Y
5	ICIS 860-47061/6	50.0	25.802564	50.0	949177.0	0.516051	Y
6	IC 860-47061/7	100.0	52.169019	50.0	953772.0	0.52169	Y
7	IC 860-47061/8	150.0	74.274779	50.0	945022.0	0.495165	Y



Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

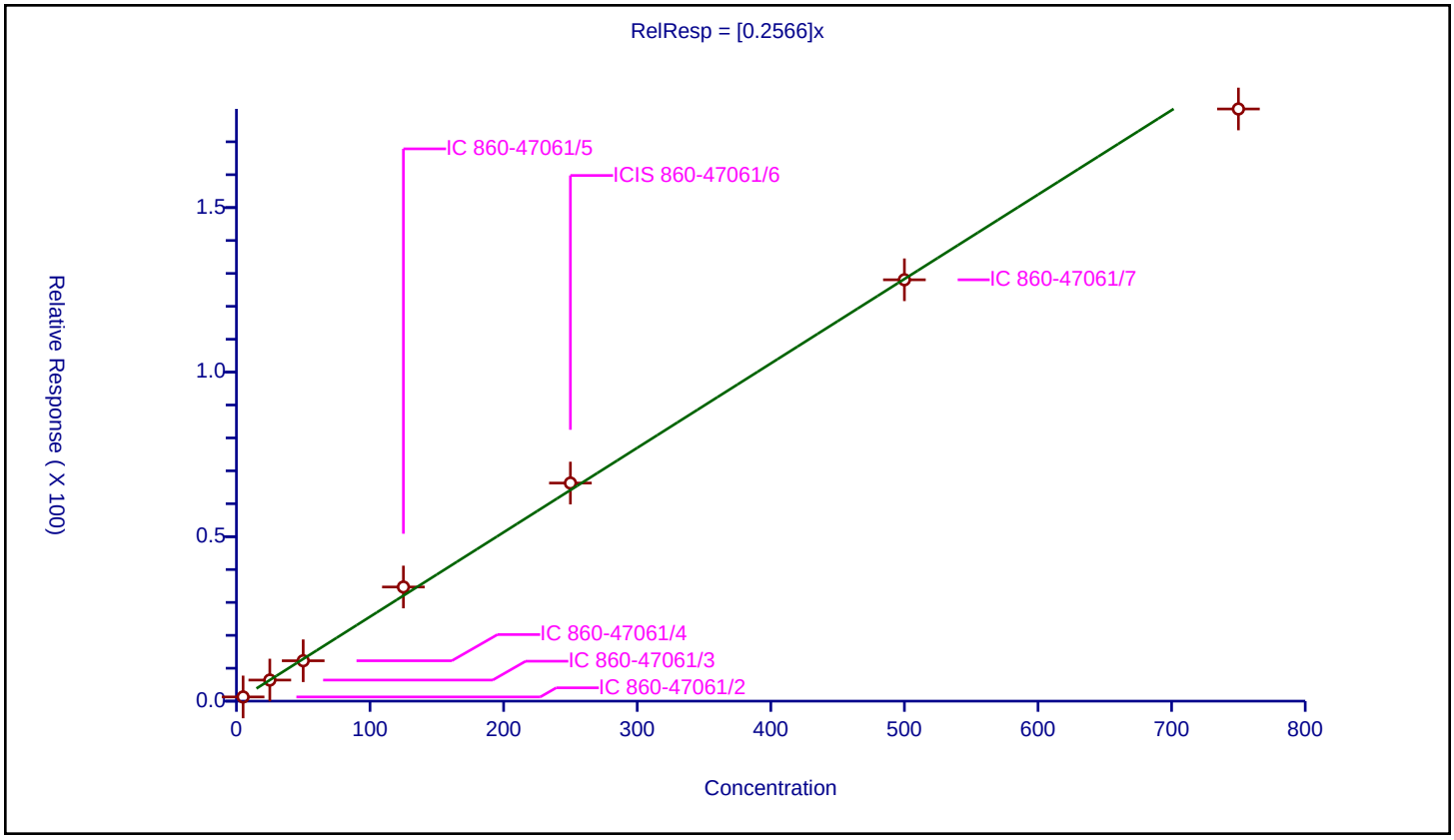
Curve Coefficients

Intercept:	0
Slope:	0.2566

Error Coefficients

Standard Error:	1810000
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 860-47061/2	5.0	1.27815	50.0	972656.0	0.25563	Y
2	IC 860-47061/3	25.0	6.404945	50.0	949165.0	0.256198	Y
3	IC 860-47061/4	50.0	12.276545	50.0	947339.0	0.245531	Y
4	IC 860-47061/5	125.0	34.68785	50.0	930947.0	0.277503	Y
5	ICIS 860-47061/6	250.0	66.282	50.0	949177.0	0.265128	Y
6	IC 860-47061/7	500.0	128.060375	50.0	953772.0	0.256121	Y
7	IC 860-47061/8	750.0	179.976498	50.0	945022.0	0.239969	Y



Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

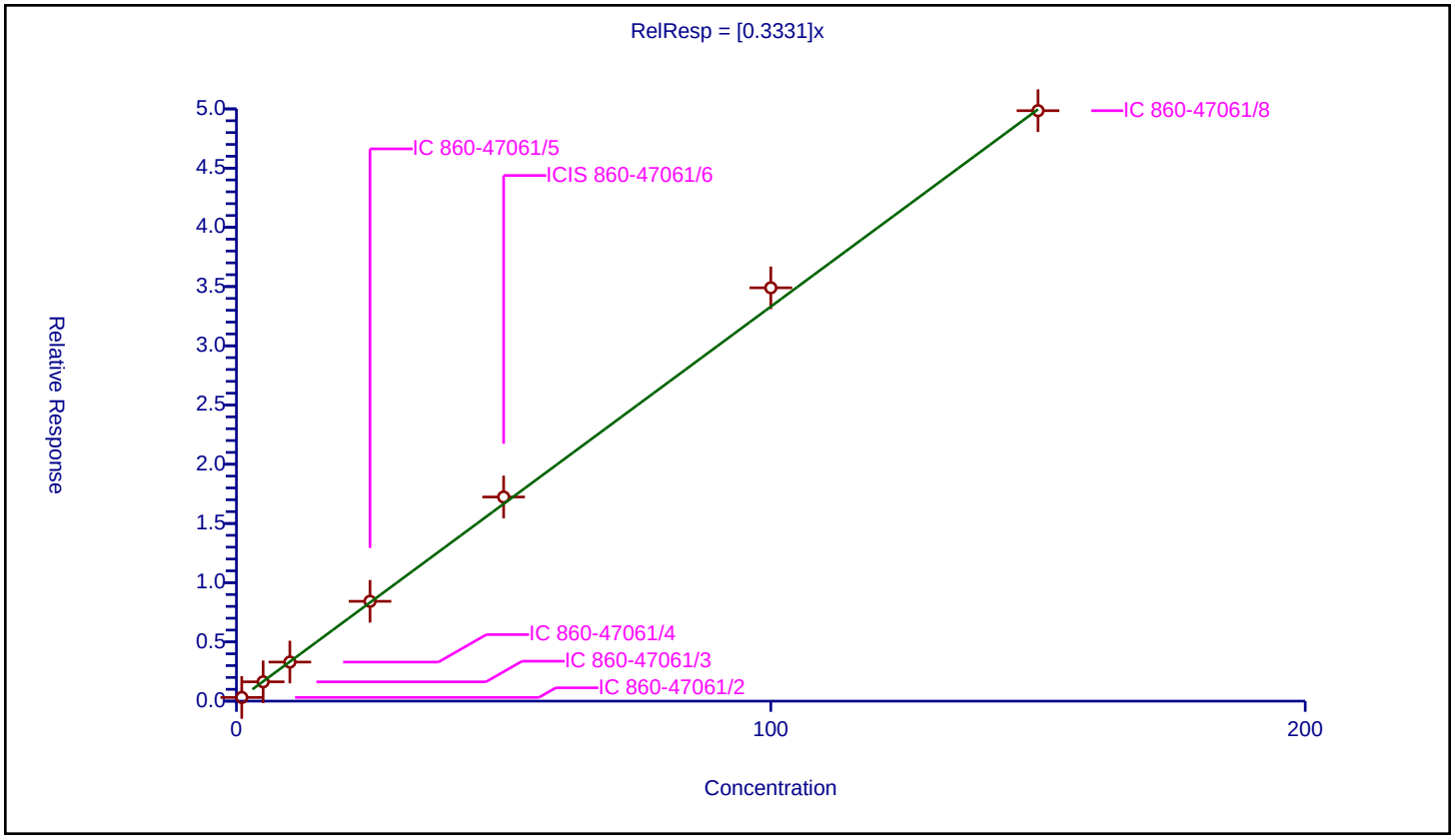
Curve Coefficients

Intercept:	0
Slope:	0.3331

Error Coefficients

Standard Error:	495000
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 860-47061/2	1.0	0.312032	50.0	972656.0	0.312032	Y
2	IC 860-47061/3	5.0	1.632119	50.0	949165.0	0.326424	Y
3	IC 860-47061/4	10.0	3.299716	50.0	947339.0	0.329972	Y
4	IC 860-47061/5	25.0	8.429266	50.0	930947.0	0.337171	Y
5	ICIS 860-47061/6	50.0	17.23314	50.0	949177.0	0.344663	Y
6	IC 860-47061/7	100.0	34.895761	50.0	953772.0	0.348958	Y
7	IC 860-47061/8	150.0	49.849369	50.0	945022.0	0.332329	Y



Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

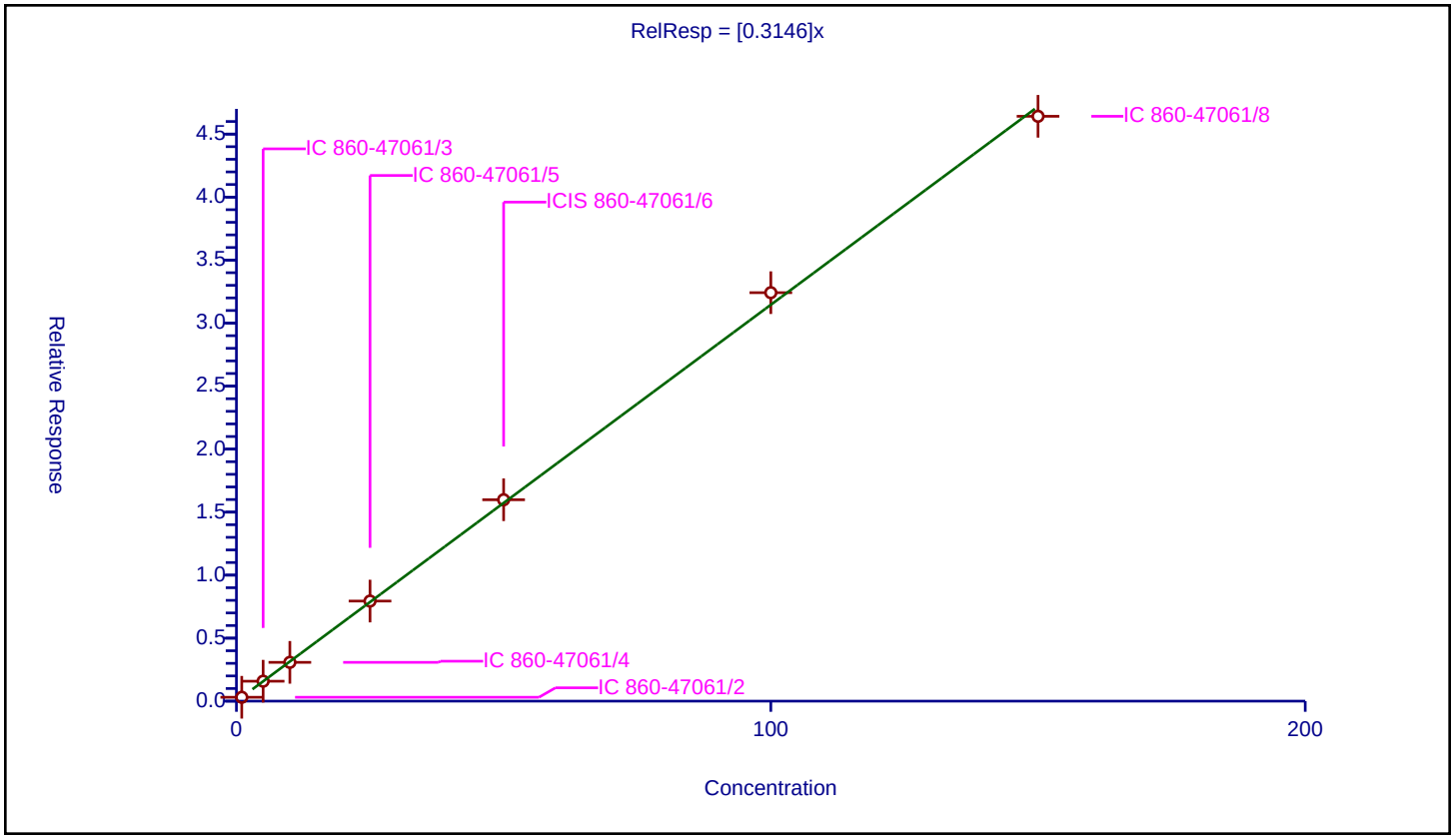
Curve Coefficients

Intercept:	0
Slope:	0.3146

Error Coefficients

Standard Error:	460000
Relative Standard Error:	2.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-47061/2	1.0	0.306583	50.0	972656.0	0.306583	Y
2	IC 860-47061/3	5.0	1.582918	50.0	949165.0	0.316584	Y
3	IC 860-47061/4	10.0	3.078096	50.0	947339.0	0.30781	Y
4	IC 860-47061/5	25.0	7.943041	50.0	930947.0	0.317722	Y
5	ICIS 860-47061/6	50.0	15.982161	50.0	949177.0	0.319643	Y
6	IC 860-47061/7	100.0	32.414875	50.0	953772.0	0.324149	Y
7	IC 860-47061/8	150.0	46.412517	50.0	945022.0	0.309417	Y



Calibration / 1-Chlorohexane

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

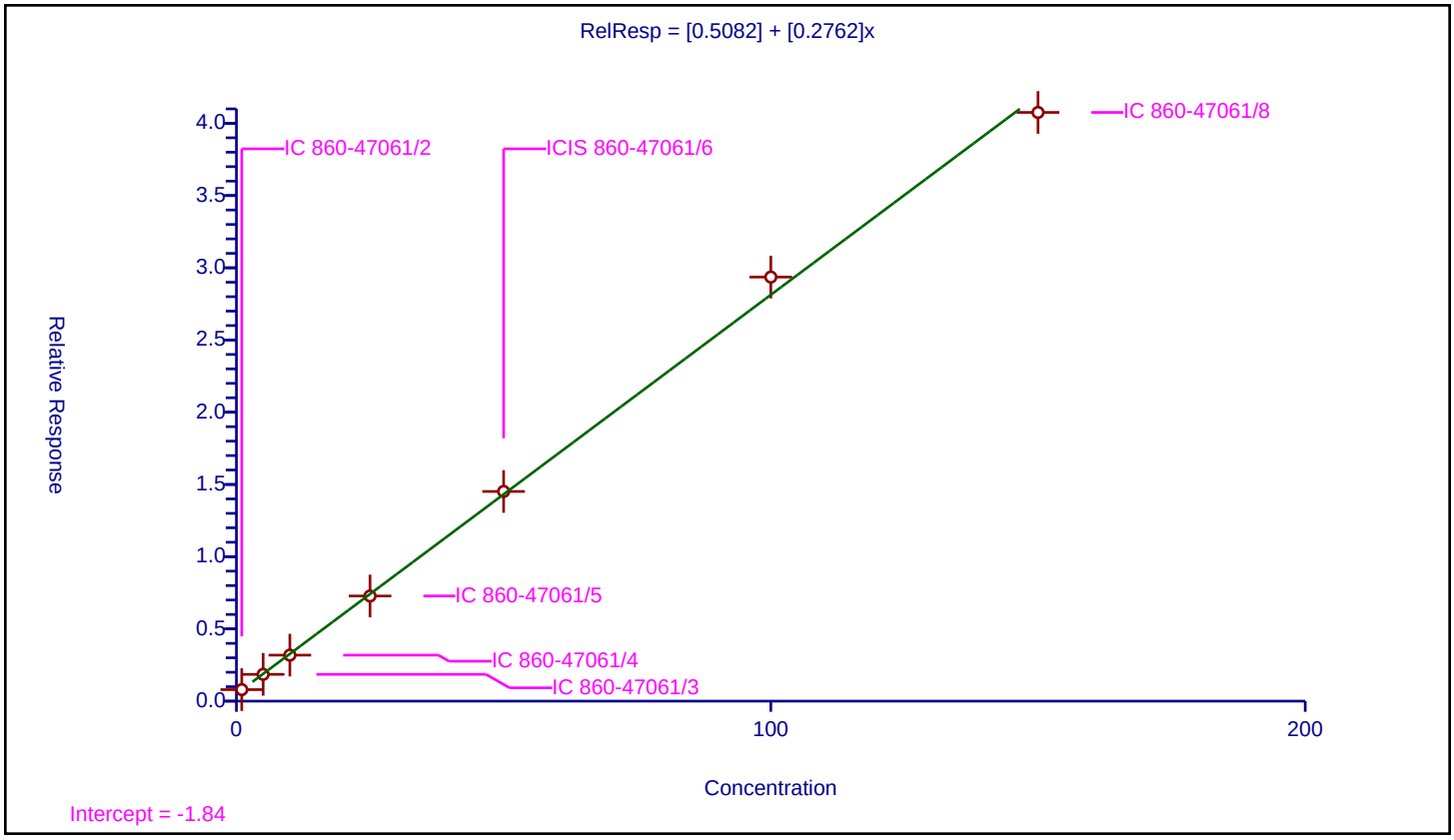
Curve Coefficients

Intercept:	0.5082
Slope:	0.2762

Error Coefficients

Standard Error:	449000
Relative Standard Error:	3.7
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-47061/2	1.0	0.796839	50.0	972656.0	0.796839	Y
2	IC 860-47061/3	5.0	1.854841	50.0	949165.0	0.370968	Y
3	IC 860-47061/4	10.0	3.18471	50.0	947339.0	0.318471	Y
4	IC 860-47061/5	25.0	7.27818	50.0	930947.0	0.291127	Y
5	ICIS 860-47061/6	50.0	14.515312	50.0	949177.0	0.290306	Y
6	IC 860-47061/7	100.0	29.357593	50.0	953772.0	0.293576	Y
7	IC 860-47061/8	150.0	40.753919	50.0	945022.0	0.271693	Y



Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

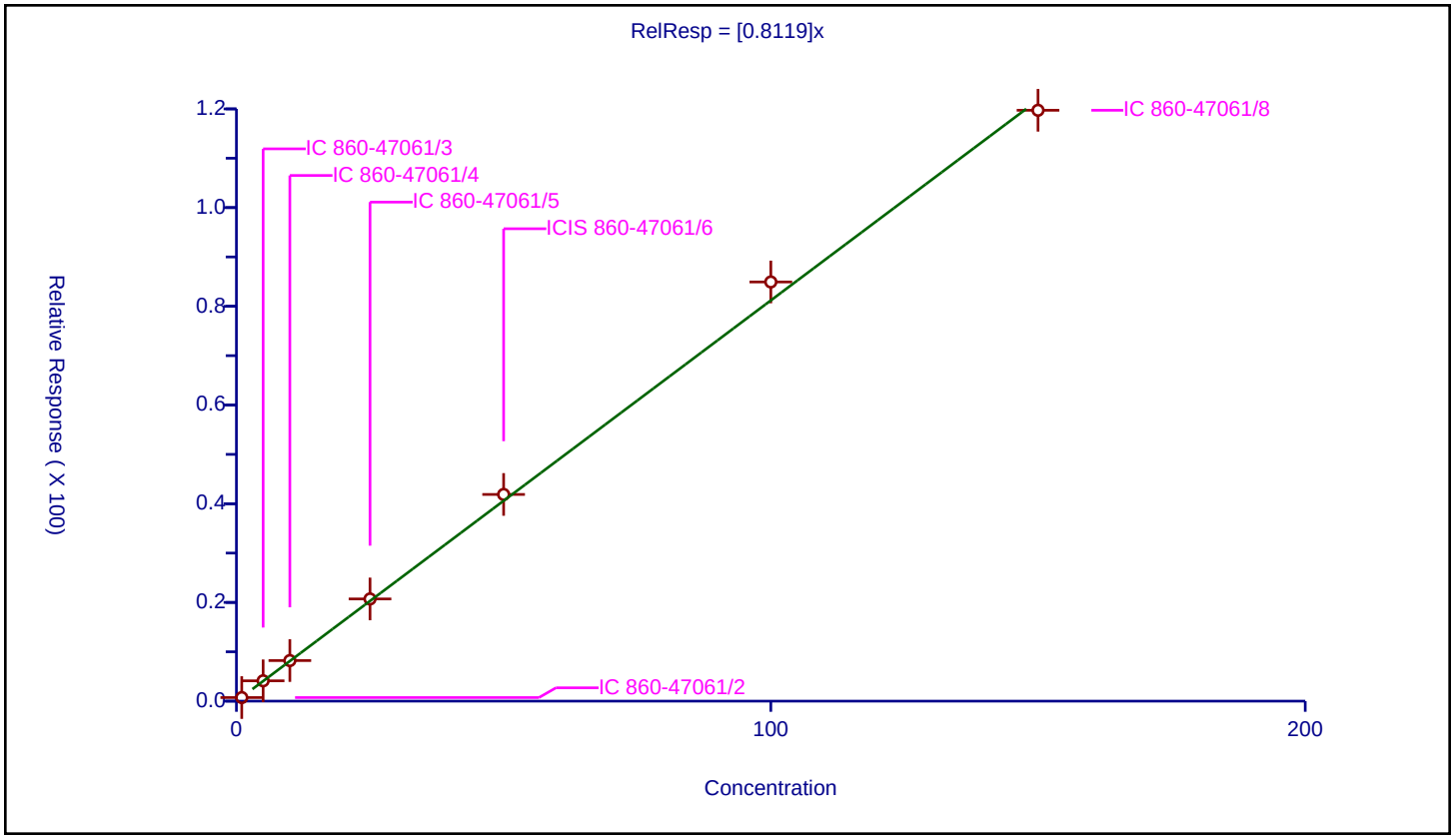
Curve Coefficients

Intercept:	0
Slope:	0.8119

Error Coefficients

Standard Error:	1190000
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 860-47061/2	1.0	0.7241	50.0	972656.0	0.7241	Y
2	IC 860-47061/3	5.0	4.120253	50.0	949165.0	0.824051	Y
3	IC 860-47061/4	10.0	8.219339	50.0	947339.0	0.821934	Y
4	IC 860-47061/5	25.0	20.707516	50.0	930947.0	0.828301	Y
5	ICIS 860-47061/6	50.0	41.87907	50.0	949177.0	0.837581	Y
6	IC 860-47061/7	100.0	84.935131	50.0	953772.0	0.849351	Y
7	IC 860-47061/8	150.0	119.718059	50.0	945022.0	0.79812	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

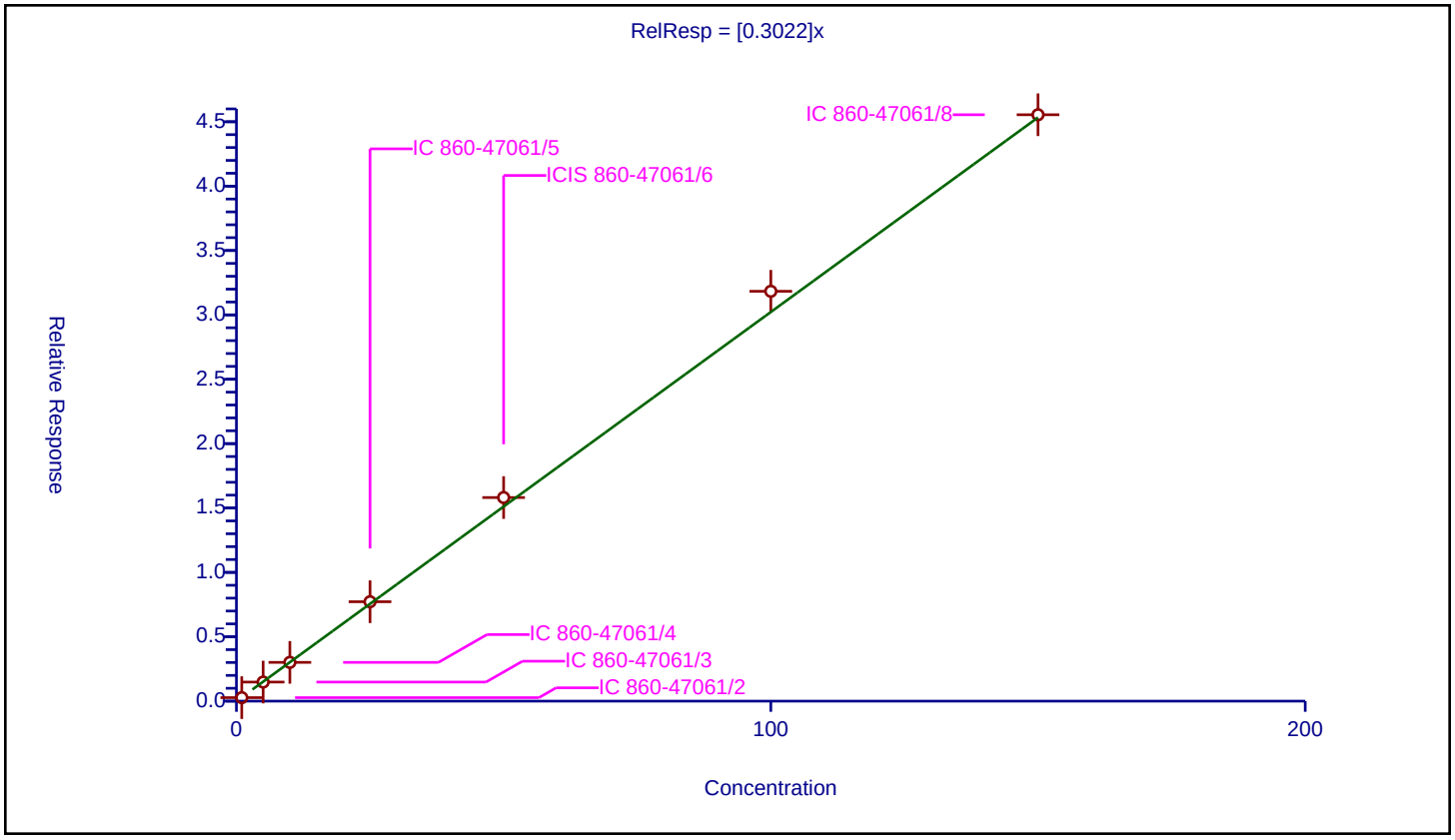
Curve Coefficients

Intercept:	0
Slope:	0.3022

Error Coefficients

Standard Error:	452000
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 860-47061/2	1.0	0.271113	50.0	972656.0	0.271113	Y
2	IC 860-47061/3	5.0	1.48146	50.0	949165.0	0.296292	Y
3	IC 860-47061/4	10.0	3.011541	50.0	947339.0	0.301154	Y
4	IC 860-47061/5	25.0	7.720633	50.0	930947.0	0.308825	Y
5	ICIS 860-47061/6	50.0	15.814648	50.0	949177.0	0.316293	Y
6	IC 860-47061/7	100.0	31.83287	50.0	953772.0	0.318329	Y
7	IC 860-47061/8	150.0	45.54386	50.0	945022.0	0.303626	Y



Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

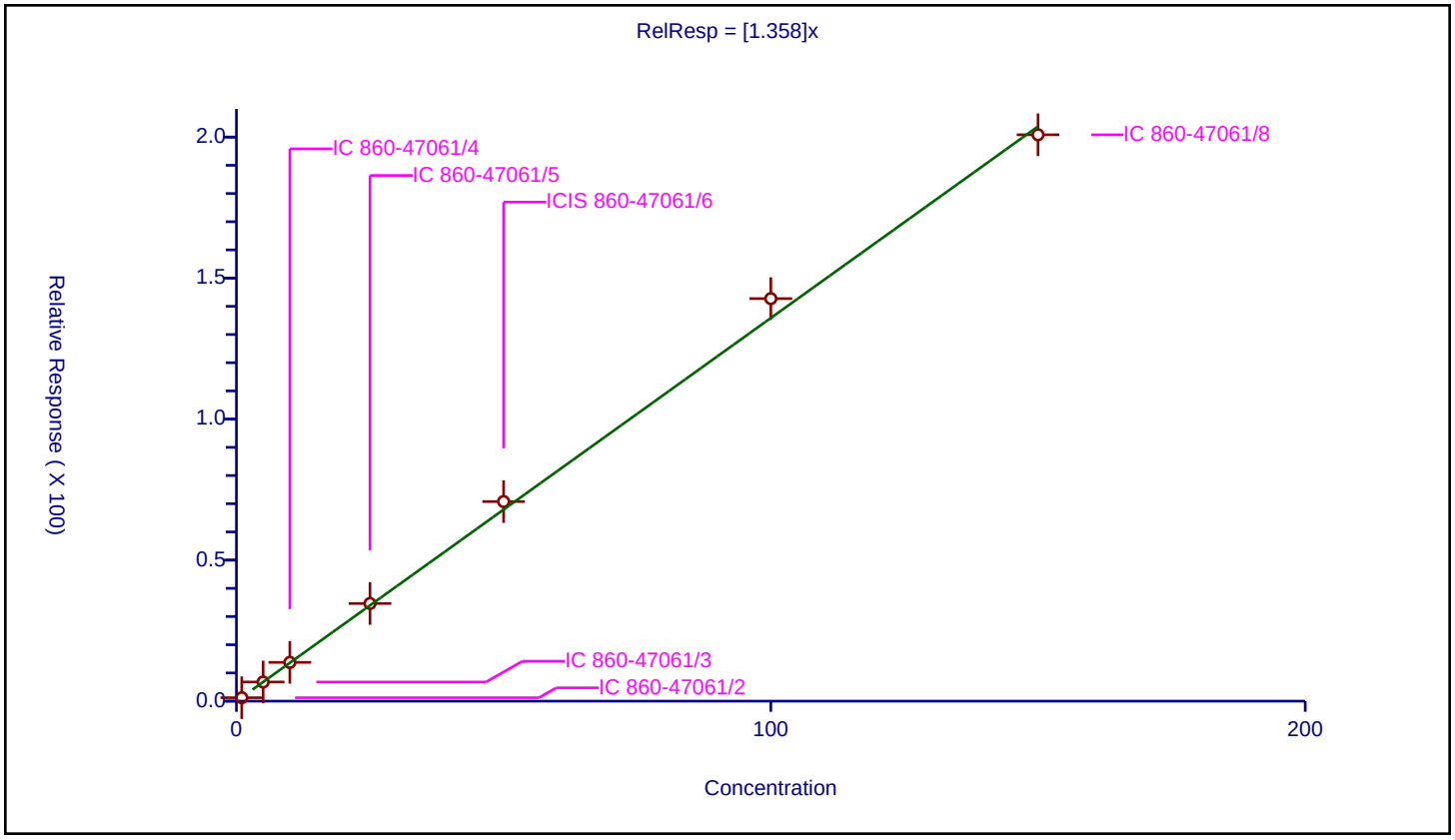
Curve Coefficients

Intercept:	0
Slope:	1.358

Error Coefficients

Standard Error:	2010000
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 860-47061/2	1.0	1.211425	50.0	972656.0	1.211425	Y
2	IC 860-47061/3	5.0	6.78154	50.0	949165.0	1.356308	Y
3	IC 860-47061/4	10.0	13.747244	50.0	947339.0	1.374724	Y
4	IC 860-47061/5	25.0	34.63065	50.0	930947.0	1.385226	Y
5	ICIS 860-47061/6	50.0	70.771521	50.0	949177.0	1.41543	Y
6	IC 860-47061/7	100.0	142.732173	50.0	953772.0	1.427322	Y
7	IC 860-47061/8	150.0	200.820245	50.0	945022.0	1.338802	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

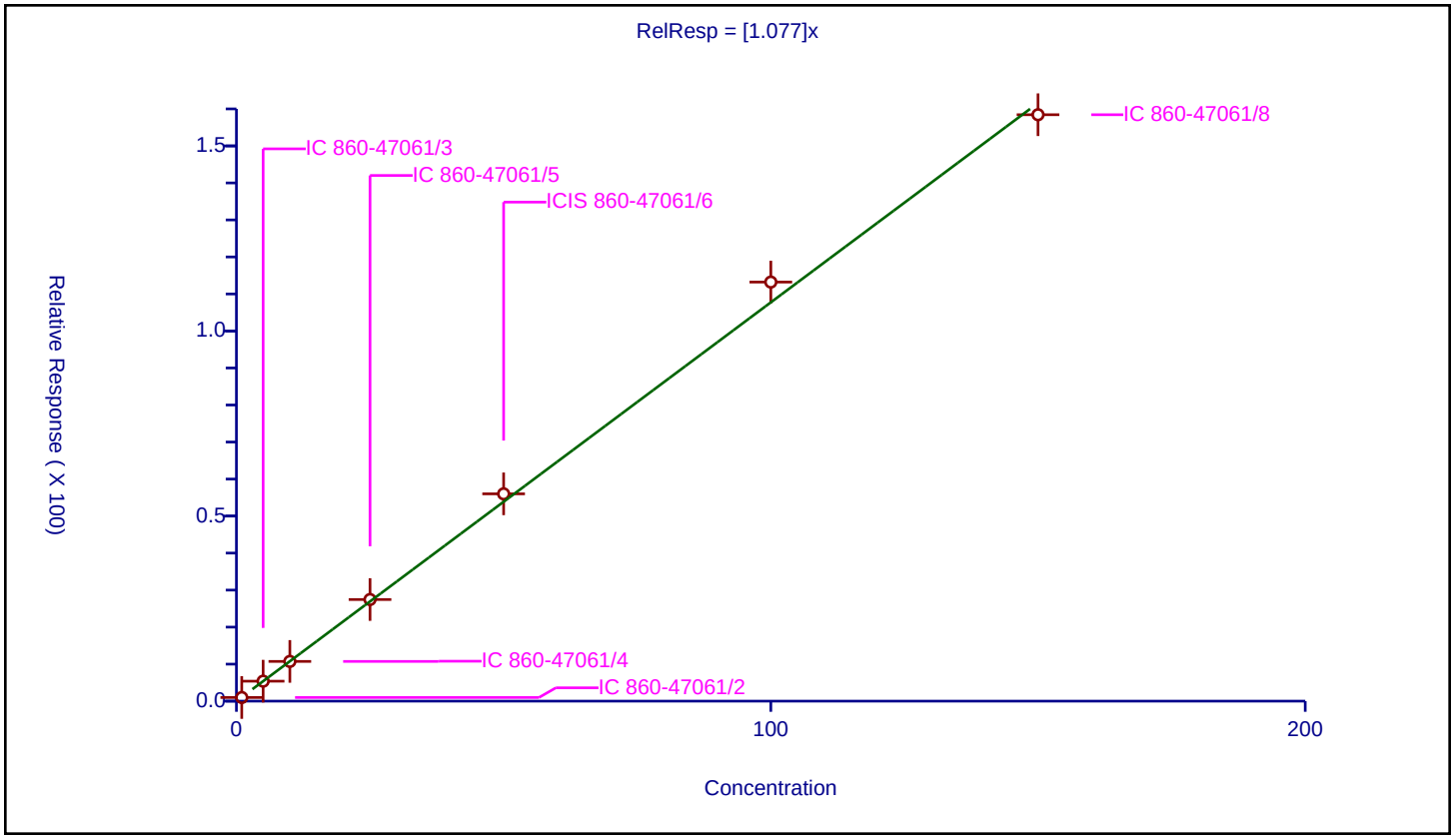
Curve Coefficients

Intercept:	0
Slope:	1.077

Error Coefficients

Standard Error:	1580000
Relative Standard Error:	4.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-47061/2	1.0	0.983133	50.0	972656.0	0.983133	Y
2	IC 860-47061/3	5.0	5.389948	50.0	949165.0	1.07799	Y
3	IC 860-47061/4	10.0	10.732008	50.0	947339.0	1.073201	Y
4	IC 860-47061/5	25.0	27.457202	50.0	930947.0	1.098288	Y
5	ICIS 860-47061/6	50.0	56.008258	50.0	949177.0	1.120165	Y
6	IC 860-47061/7	100.0	113.213168	50.0	953772.0	1.132132	Y
7	IC 860-47061/8	150.0	158.426418	50.0	945022.0	1.056176	Y



Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

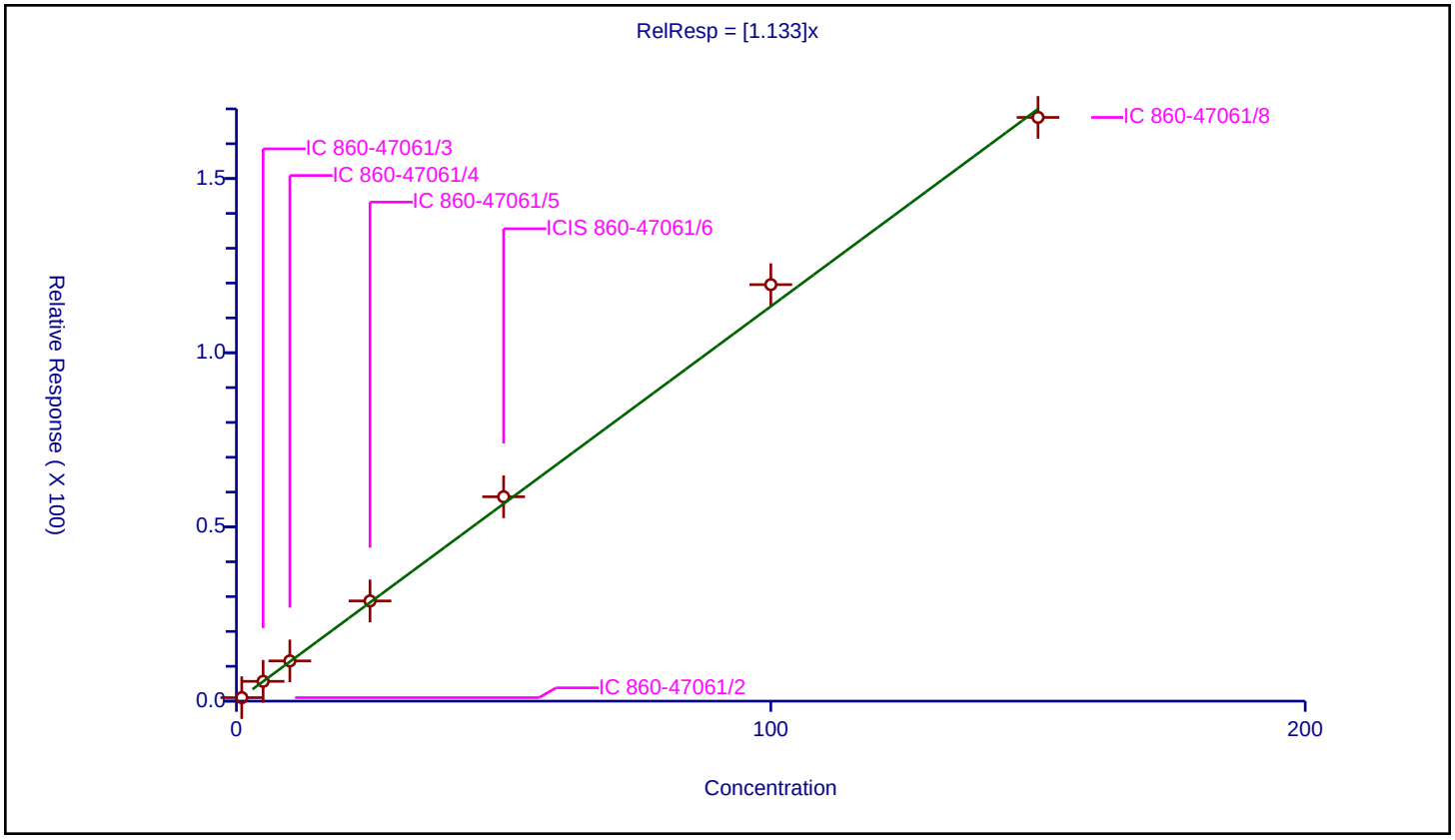
Curve Coefficients

Intercept:	0
Slope:	1.133

Error Coefficients

Standard Error:	1670000
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 860-47061/2	1.0	1.003284	50.0	972656.0	1.003284	Y
2	IC 860-47061/3	5.0	5.684997	50.0	949165.0	1.136999	Y
3	IC 860-47061/4	10.0	11.54555	50.0	947339.0	1.154555	Y
4	IC 860-47061/5	25.0	28.766031	50.0	930947.0	1.150641	Y
5	ICIS 860-47061/6	50.0	58.663769	50.0	949177.0	1.173275	Y
6	IC 860-47061/7	100.0	119.554202	50.0	953772.0	1.195542	Y
7	IC 860-47061/8	150.0	167.556681	50.0	945022.0	1.117045	Y



Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

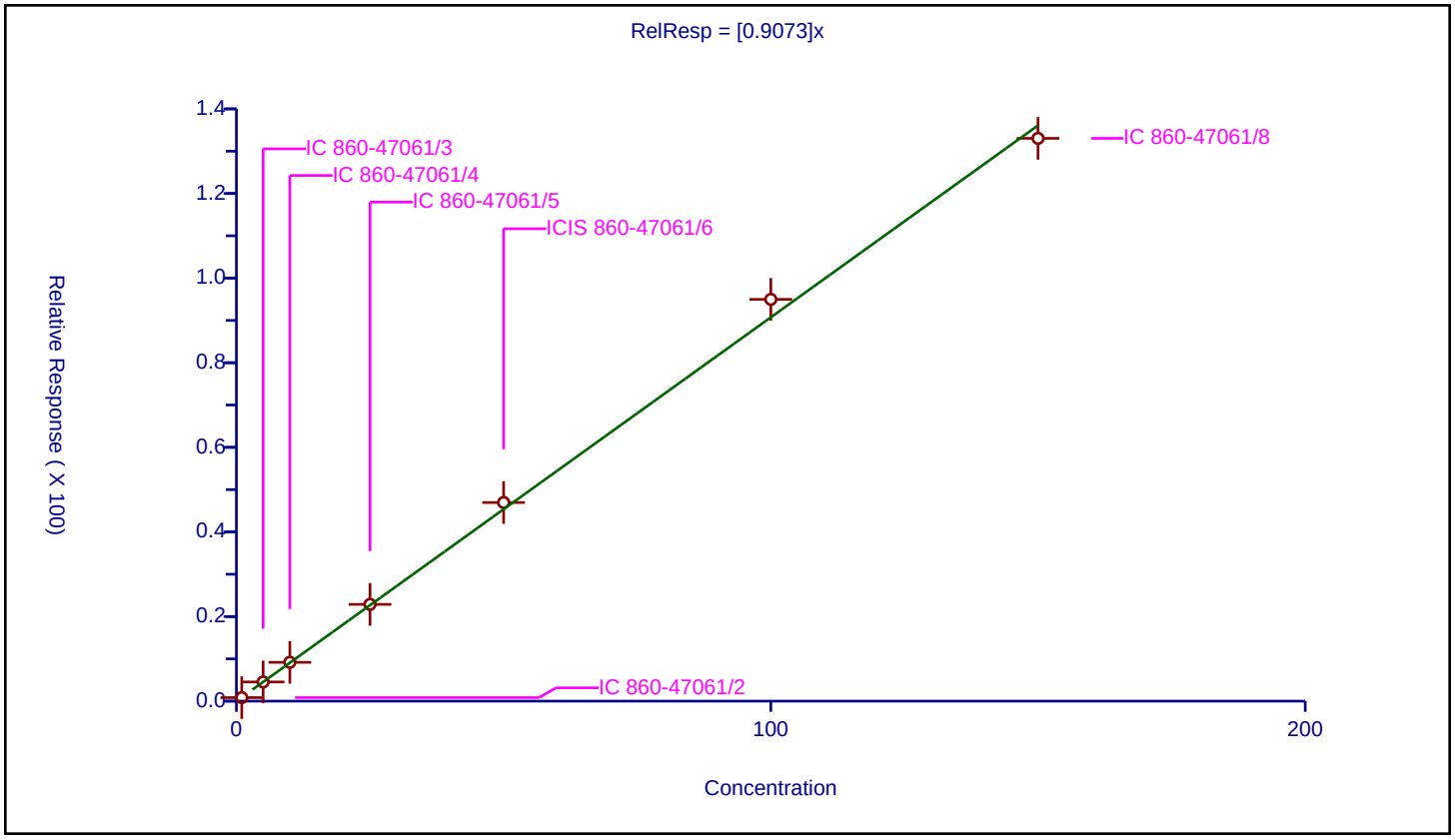
Curve Coefficients

Intercept:	0
Slope:	0.9073

Error Coefficients

Standard Error:	1330000
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 860-47061/2	1.0	0.835496	50.0	972656.0	0.835496	Y
2	IC 860-47061/3	5.0	4.536777	50.0	949165.0	0.907355	Y
3	IC 860-47061/4	10.0	9.17454	50.0	947339.0	0.917454	Y
4	IC 860-47061/5	25.0	22.874772	50.0	930947.0	0.914991	Y
5	ICIS 860-47061/6	50.0	46.952202	50.0	949177.0	0.939044	Y
6	IC 860-47061/7	100.0	94.973012	50.0	953772.0	0.94973	Y
7	IC 860-47061/8	150.0	133.033622	50.0	945022.0	0.886891	Y



Calibration / Bromoform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

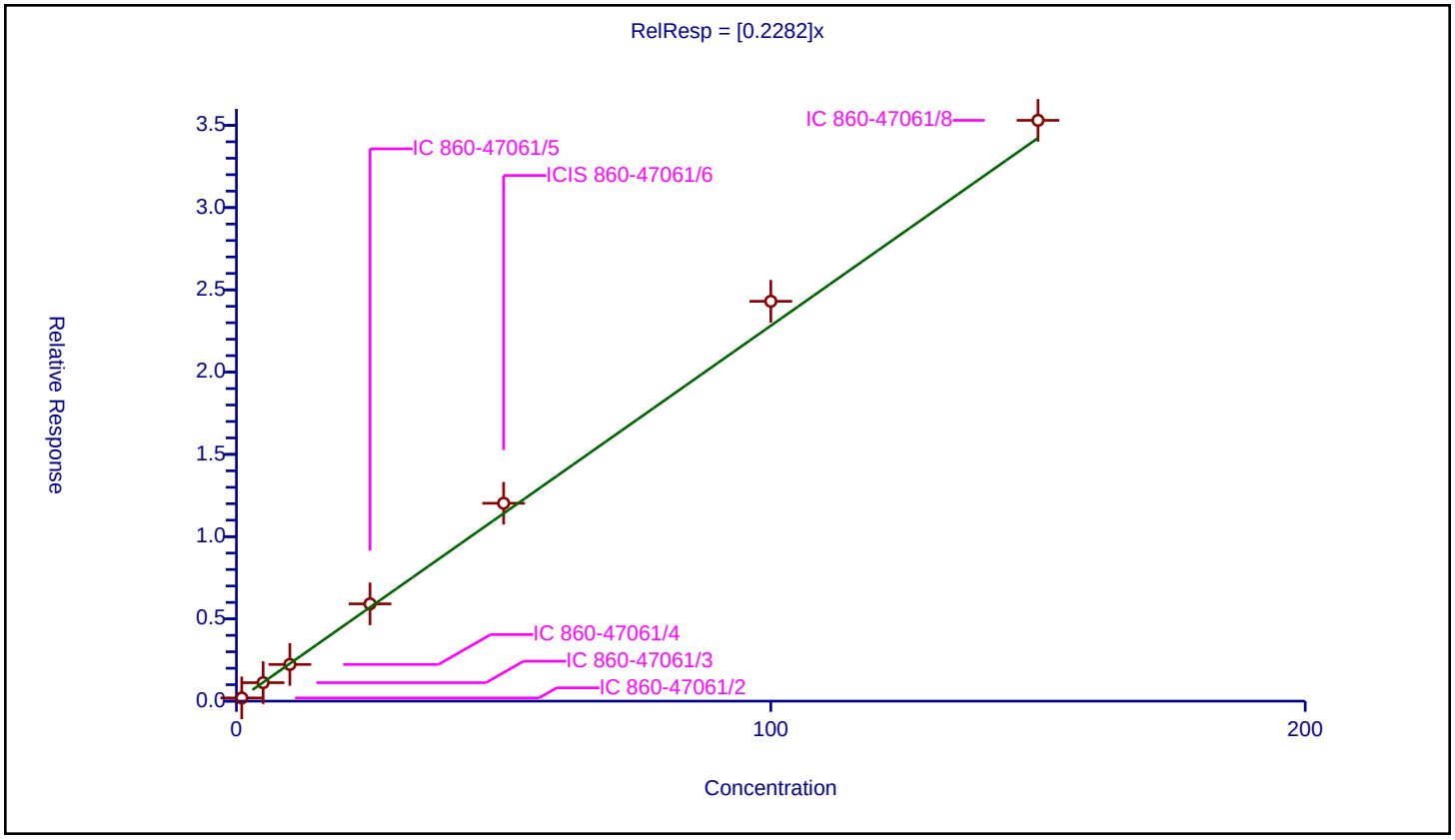
Curve Coefficients

Intercept:	0
Slope:	0.2282

Error Coefficients

Standard Error:	348000
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 860-47061/2	1.0	0.194365	50.0	972656.0	0.194365	Y
2	IC 860-47061/3	5.0	1.122776	50.0	949165.0	0.224555	Y
3	IC 860-47061/4	10.0	2.229719	50.0	947339.0	0.222972	Y
4	IC 860-47061/5	25.0	5.913441	50.0	930947.0	0.236538	Y
5	ICIS 860-47061/6	50.0	12.030106	50.0	949177.0	0.240602	Y
6	IC 860-47061/7	100.0	24.304865	50.0	953772.0	0.243049	Y
7	IC 860-47061/8	150.0	35.303834	50.0	945022.0	0.235359	Y



Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

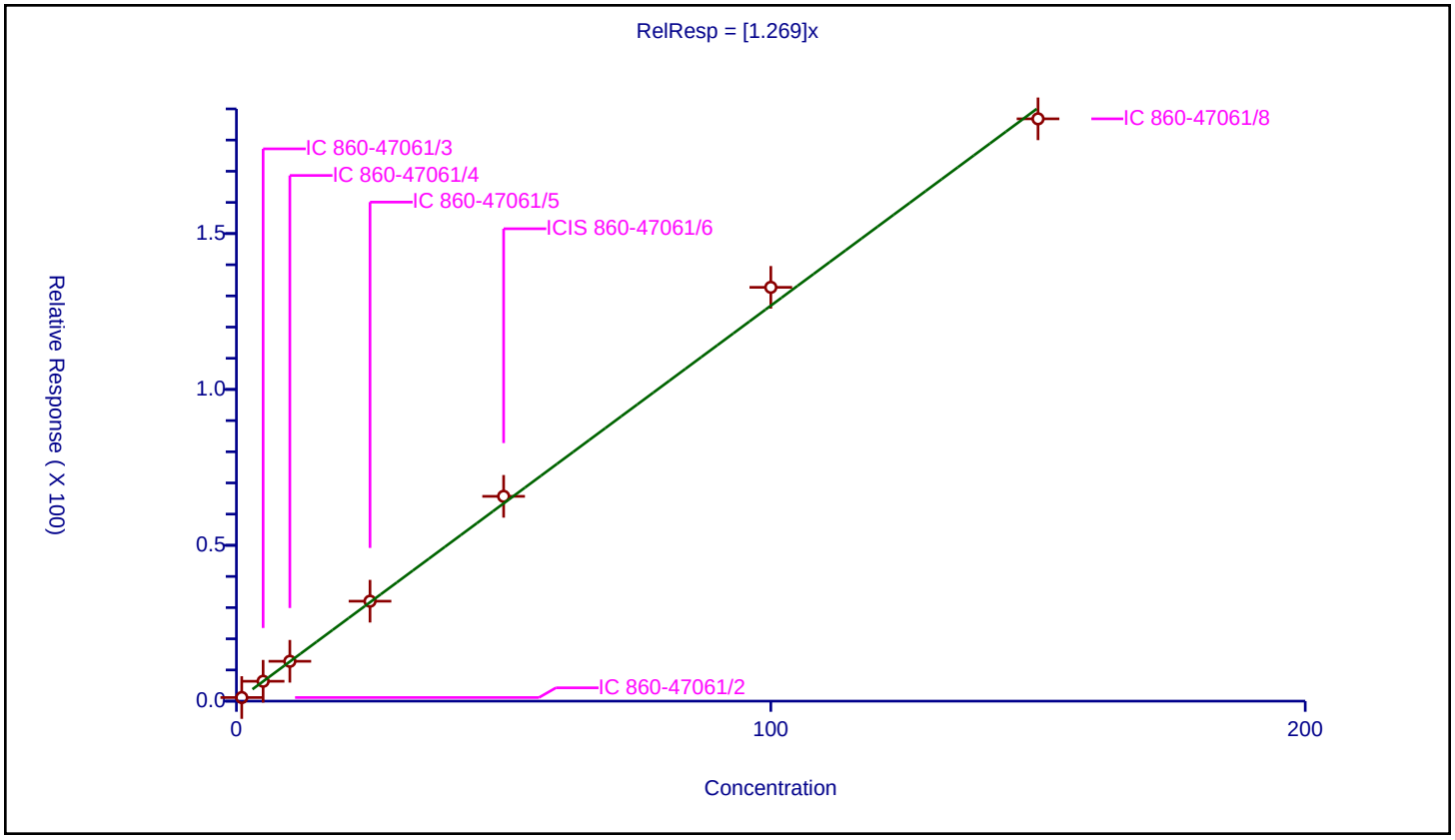
Curve Coefficients

Intercept:	0
Slope:	1.269

Error Coefficients

Standard Error:	1860000
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 860-47061/2	1.0	1.156884	50.0	972656.0	1.156884	Y
2	IC 860-47061/3	5.0	6.379449	50.0	949165.0	1.27589	Y
3	IC 860-47061/4	10.0	12.789878	50.0	947339.0	1.278988	Y
4	IC 860-47061/5	25.0	32.06493	50.0	930947.0	1.282597	Y
5	ICIS 860-47061/6	50.0	65.704869	50.0	949177.0	1.314097	Y
6	IC 860-47061/7	100.0	132.749651	50.0	953772.0	1.327497	Y
7	IC 860-47061/8	150.0	186.80872	50.0	945022.0	1.245391	Y



Calibration / cis-1,4-Dichloro-2-butene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

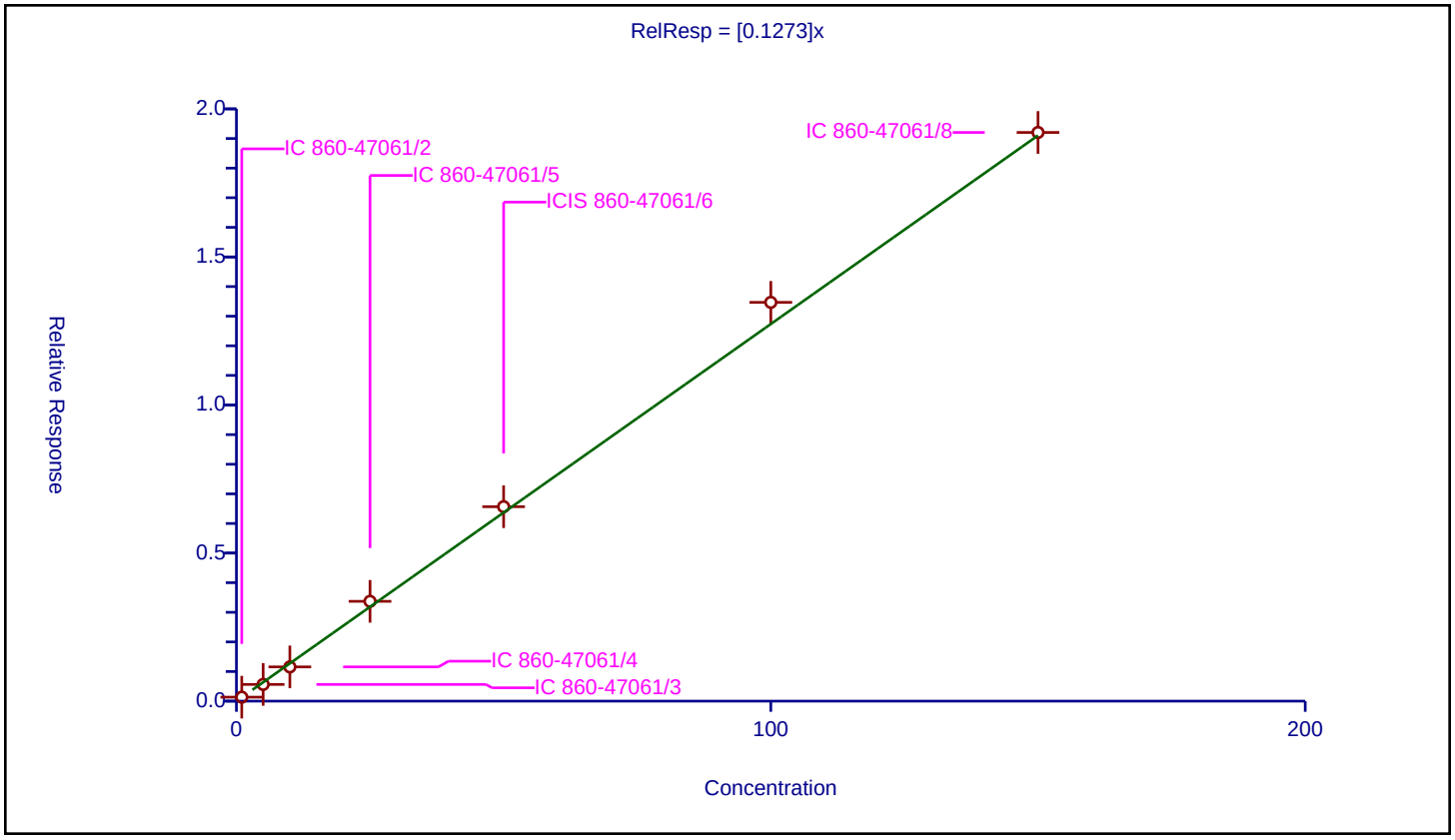
Curve Coefficients

Intercept:	0
Slope:	0.1273

Error Coefficients

Standard Error:	191000
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 860-47061/2	1.0	0.134014	50.0	972656.0	0.134014	Y
2	IC 860-47061/3	5.0	0.56476	50.0	949165.0	0.112952	Y
3	IC 860-47061/4	10.0	1.156133	50.0	947339.0	0.115613	Y
4	IC 860-47061/5	25.0	3.370922	50.0	930947.0	0.134837	Y
5	ICIS 860-47061/6	50.0	6.566162	50.0	949177.0	0.131323	Y
6	IC 860-47061/7	100.0	13.466374	50.0	953772.0	0.134664	Y
7	IC 860-47061/8	150.0	19.204421	50.0	945022.0	0.128029	Y



Calibration / Cyclohexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

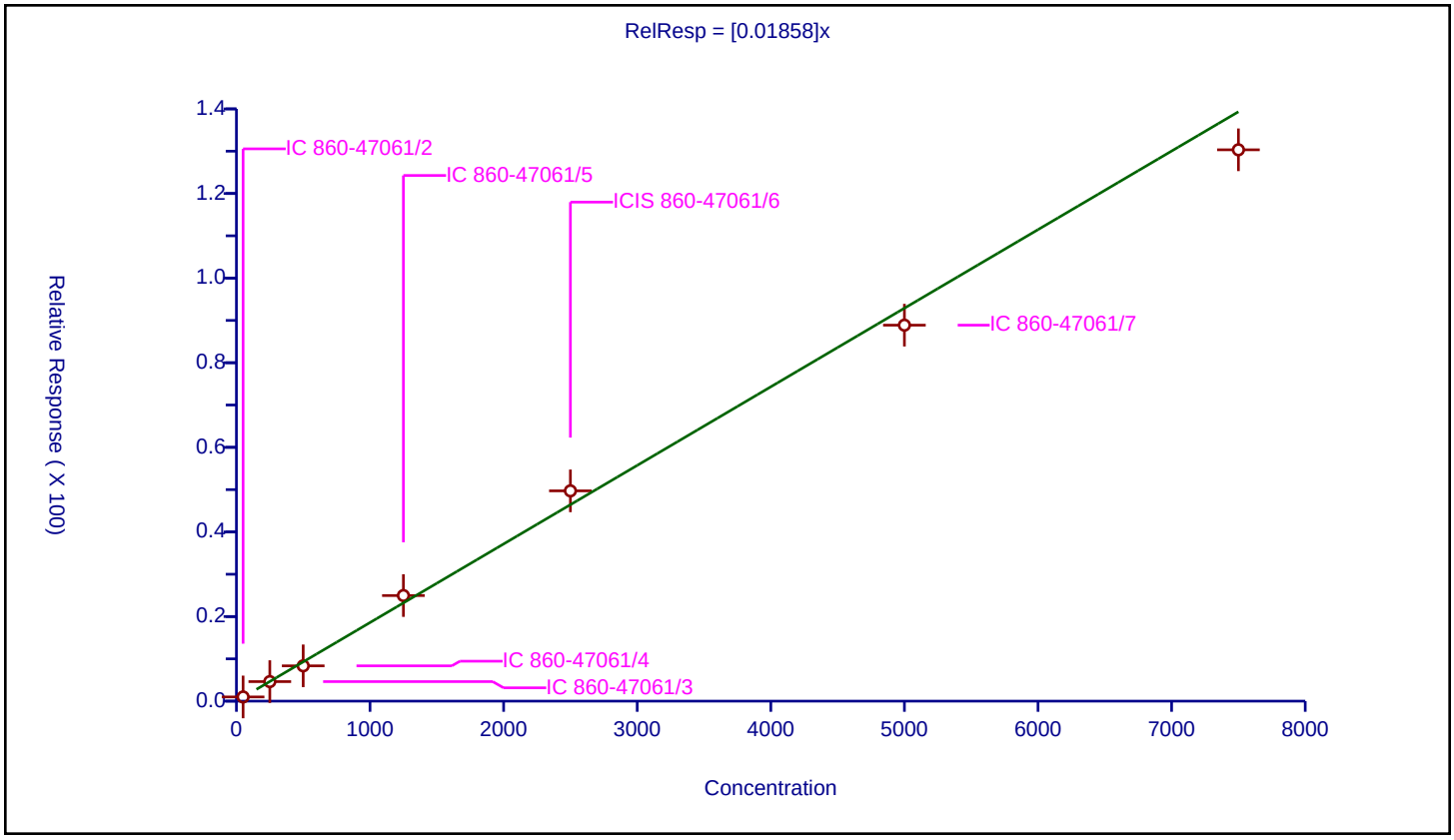
Curve Coefficients

Intercept:	0
Slope:	0.01858

Error Coefficients

Standard Error:	1300000
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 860-47061/2	50.0	0.993311	50.0	972656.0	0.019866	Y
2	IC 860-47061/3	250.0	4.619323	50.0	949165.0	0.018477	Y
3	IC 860-47061/4	500.0	8.34374	50.0	947339.0	0.016687	Y
4	IC 860-47061/5	1250.0	24.958671	50.0	930947.0	0.019967	Y
5	ICIS 860-47061/6	2500.0	49.709222	50.0	949177.0	0.019884	Y
6	IC 860-47061/7	5000.0	88.878684	50.0	953772.0	0.017776	Y
7	IC 860-47061/8	7500.0	130.329188	50.0	945022.0	0.017377	Y



Calibration / 4-Bromofluorobenzene (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

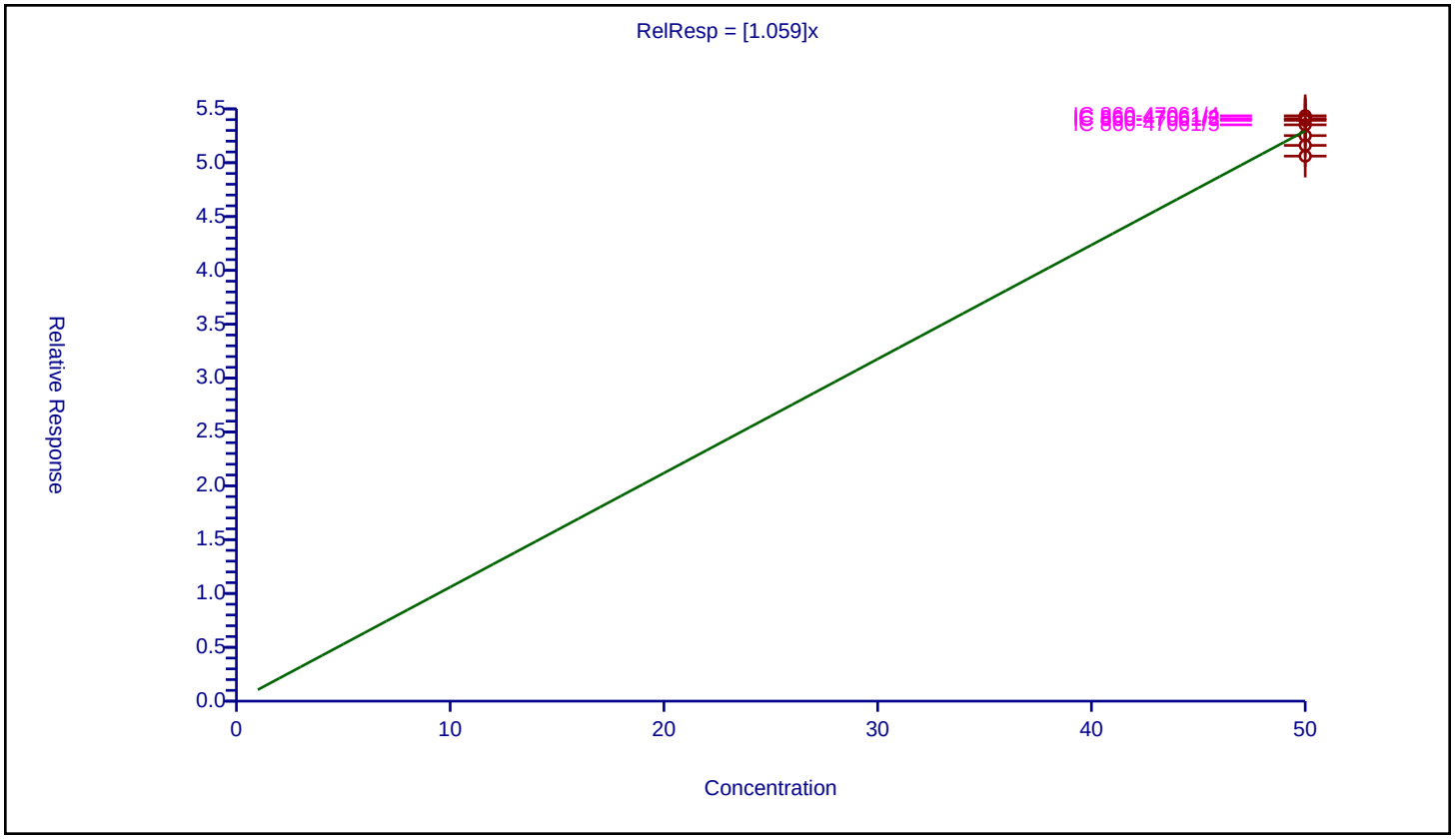
Curve Coefficients

Intercept:	0
Slope:	1.059

Error Coefficients

Standard Error:	529000
Relative Standard Error:	2.7
Correlation Coefficient:	0.00000000000000000000
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-47061/2	50.0	54.097914	50.0	463797.0	1.081958	Y
2	IC 860-47061/3	50.0	53.936387	50.0	452674.0	1.078728	Y
3	IC 860-47061/4	50.0	54.359875	50.0	448155.0	1.087198	Y
4	IC 860-47061/5	50.0	53.521175	50.0	452633.0	1.070423	Y
5	ICIS 860-47061/6	50.0	52.520147	50.0	466580.0	1.050403	Y
6	IC 860-47061/7	50.0	51.61074	50.0	475713.0	1.032215	Y
7	IC 860-47061/8	50.0	50.615304	50.0	477000.0	1.012306	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

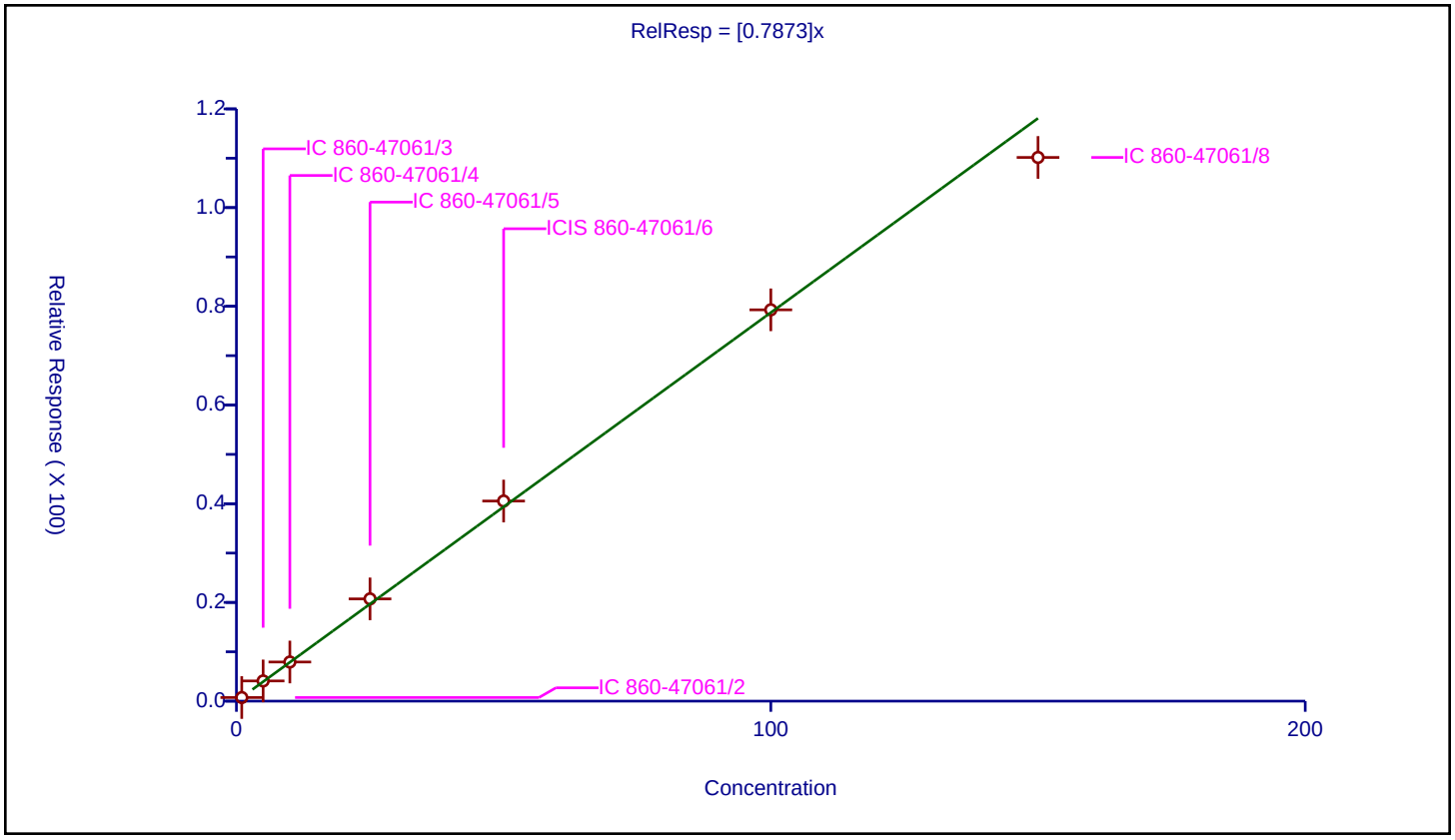
Curve Coefficients

Intercept:	0
Slope:	0.7873

Error Coefficients

Standard Error:	556000
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 860-47061/2	1.0	0.731786	50.0	463797.0	0.731786	Y
2	IC 860-47061/3	5.0	4.095663	50.0	452674.0	0.819133	Y
3	IC 860-47061/4	10.0	7.932189	50.0	448155.0	0.793219	Y
4	IC 860-47061/5	25.0	20.720208	50.0	452633.0	0.828808	Y
5	ICIS 860-47061/6	50.0	40.545137	50.0	466580.0	0.810903	Y
6	IC 860-47061/7	100.0	79.289403	50.0	475713.0	0.792894	Y
7	IC 860-47061/8	150.0	110.159434	50.0	477000.0	0.734396	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

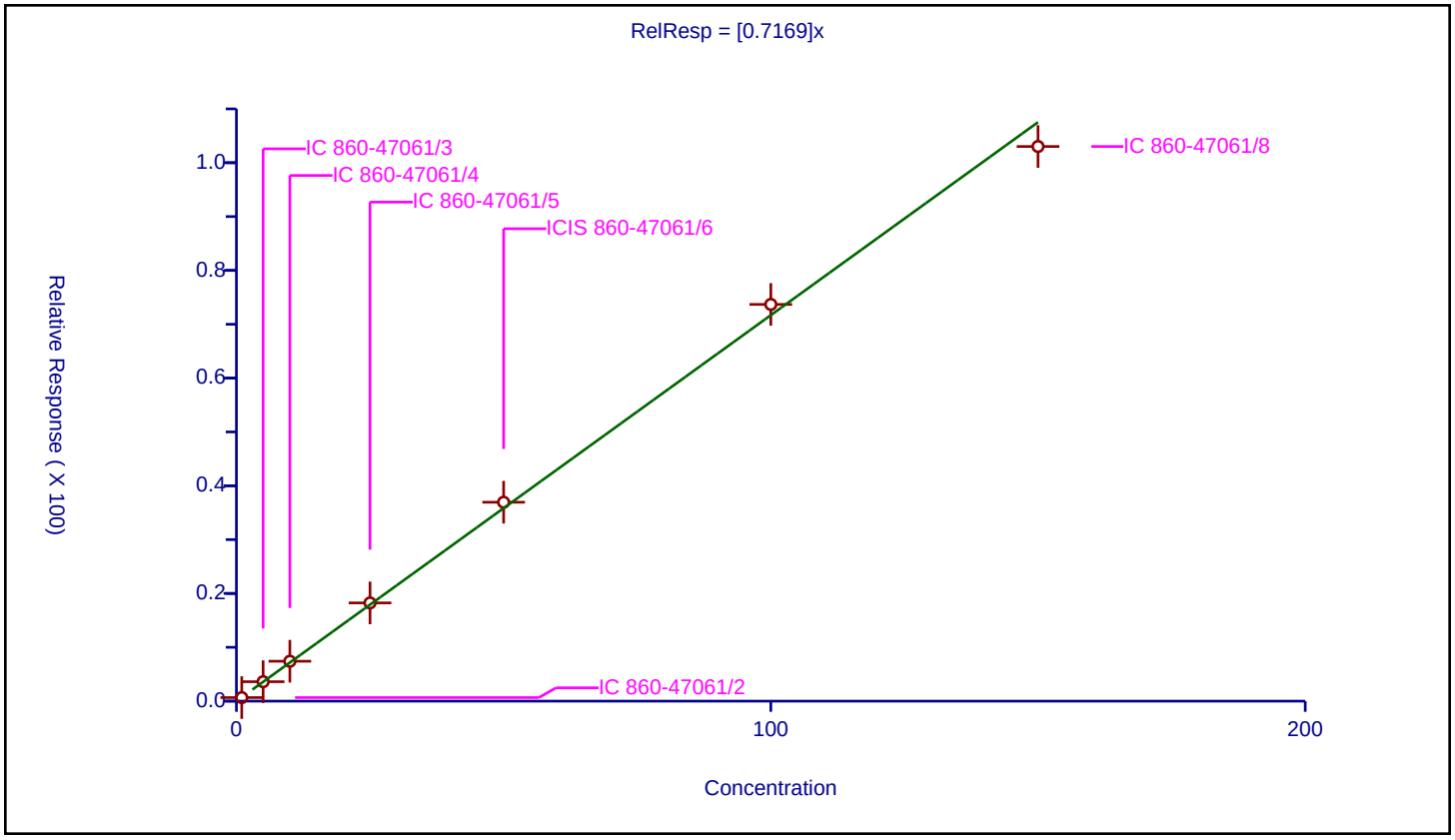
Curve Coefficients

Intercept:	0
Slope:	0.7169

Error Coefficients

Standard Error:	518000
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 860-47061/2	1.0	0.662682	50.0	463797.0	0.662682	Y
2	IC 860-47061/3	5.0	3.609551	50.0	452674.0	0.72191	Y
3	IC 860-47061/4	10.0	7.411275	50.0	448155.0	0.741128	Y
4	IC 860-47061/5	25.0	18.245245	50.0	452633.0	0.72981	Y
5	ICIS 860-47061/6	50.0	36.942861	50.0	466580.0	0.738857	Y
6	IC 860-47061/7	100.0	73.684659	50.0	475713.0	0.736847	Y
7	IC 860-47061/8	150.0	103.016038	50.0	477000.0	0.686774	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

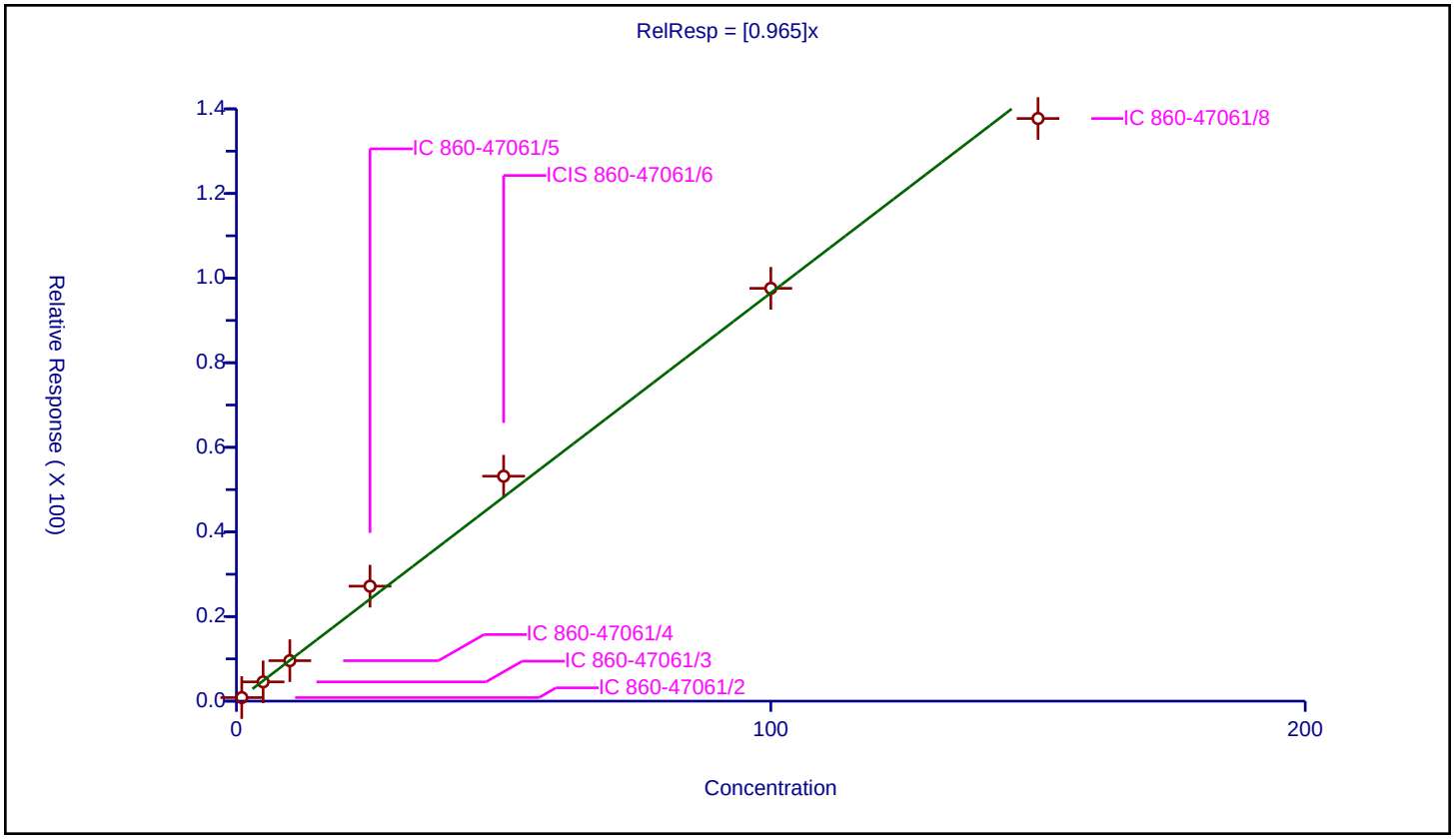
Curve Coefficients

Intercept:	0
Slope:	0.965

Error Coefficients

Standard Error:	696000
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 860-47061/2	1.0	0.842287	50.0	463797.0	0.842287	Y
2	IC 860-47061/3	5.0	4.555817	50.0	452674.0	0.911163	Y
3	IC 860-47061/4	10.0	9.568676	50.0	448155.0	0.956868	Y
4	IC 860-47061/5	25.0	27.179304	50.0	452633.0	1.087172	Y
5	ICIS 860-47061/6	50.0	53.17116	50.0	466580.0	1.063423	Y
6	IC 860-47061/7	100.0	97.585204	50.0	475713.0	0.975852	Y
7	IC 860-47061/8	150.0	137.729036	50.0	477000.0	0.918194	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

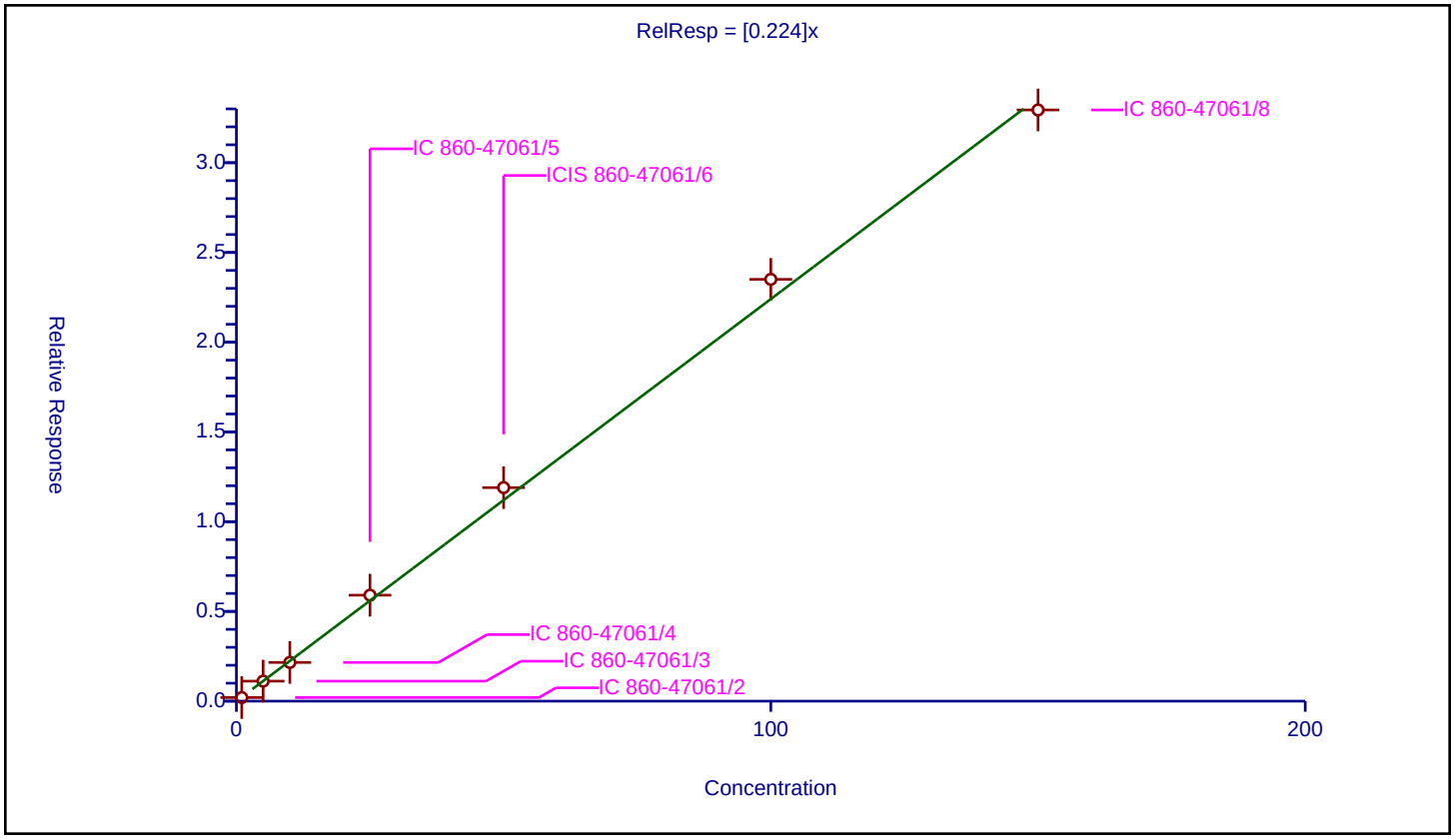
Curve Coefficients

Intercept:	0
Slope:	0.224

Error Coefficients

Standard Error:	166000
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 860-47061/2	1.0	0.200734	50.0	463797.0	0.200734	Y
2	IC 860-47061/3	5.0	1.11482	50.0	452674.0	0.222964	Y
3	IC 860-47061/4	10.0	2.157736	50.0	448155.0	0.215774	Y
4	IC 860-47061/5	25.0	5.904784	50.0	452633.0	0.236191	Y
5	ICIS 860-47061/6	50.0	11.898495	50.0	466580.0	0.23797	Y
6	IC 860-47061/7	100.0	23.502616	50.0	475713.0	0.235026	Y
7	IC 860-47061/8	150.0	32.939937	50.0	477000.0	0.2196	Y



Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

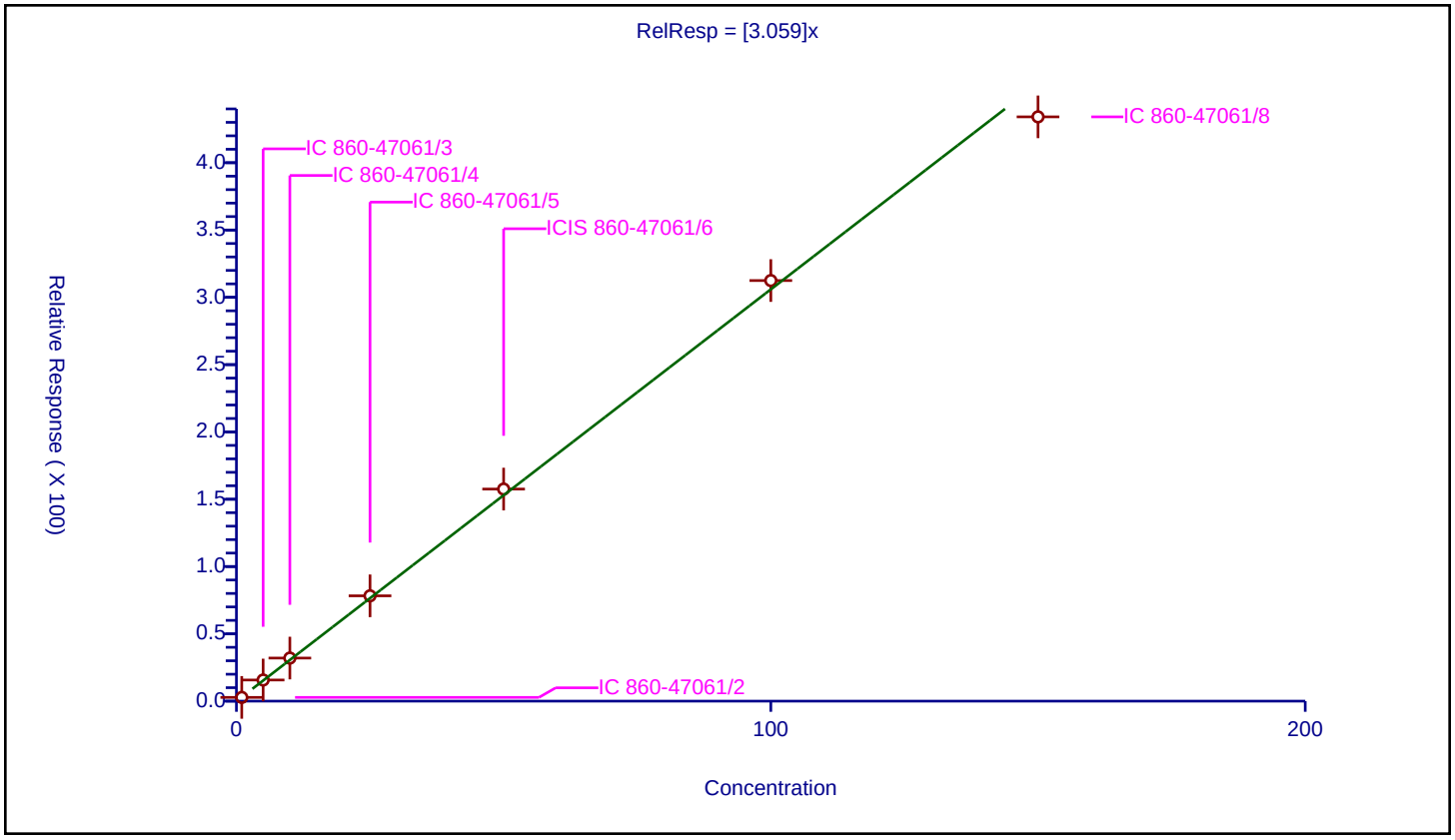
Curve Coefficients

Intercept:	0
Slope:	3.059

Error Coefficients

Standard Error:	2190000
Relative Standard Error:	5.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-47061/2	1.0	2.77449	50.0	463797.0	2.77449	Y
2	IC 860-47061/3	5.0	15.695401	50.0	452674.0	3.13908	Y
3	IC 860-47061/4	10.0	32.013477	50.0	448155.0	3.201348	Y
4	IC 860-47061/5	25.0	78.257993	50.0	452633.0	3.13032	Y
5	ICIS 860-47061/6	50.0	157.551867	50.0	466580.0	3.151037	Y
6	IC 860-47061/7	100.0	312.466445	50.0	475713.0	3.124664	Y
7	IC 860-47061/8	150.0	434.074319	50.0	477000.0	2.893829	Y



Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

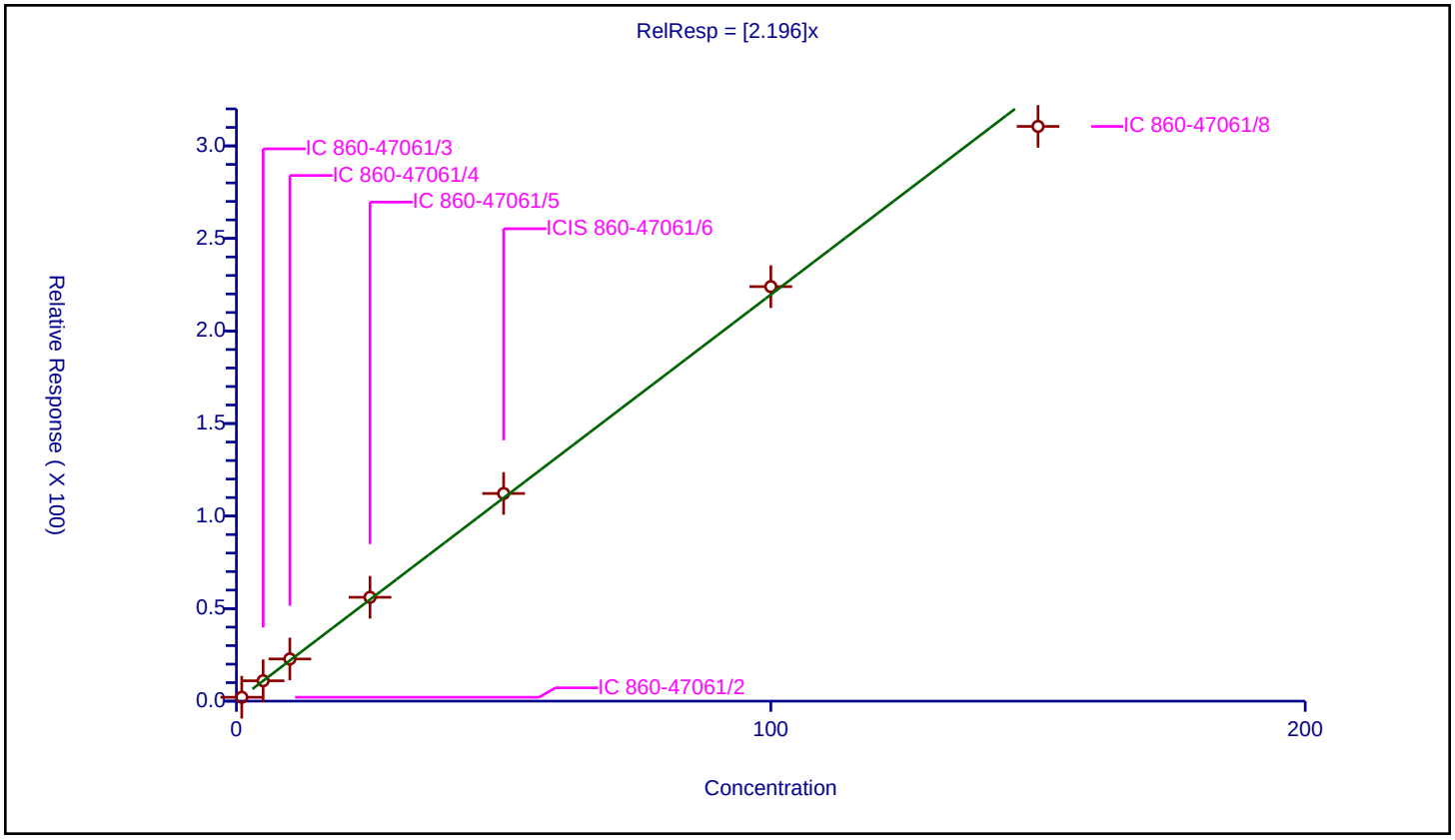
Curve Coefficients

Intercept:	0
Slope:	2.196

Error Coefficients

Standard Error:	1570000
Relative Standard Error:	3.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-47061/2	1.0	2.09596	50.0	463797.0	2.09596	Y
2	IC 860-47061/3	5.0	11.005934	50.0	452674.0	2.201187	Y
3	IC 860-47061/4	10.0	22.793676	50.0	448155.0	2.279368	Y
4	IC 860-47061/5	25.0	56.111684	50.0	452633.0	2.244467	Y
5	ICIS 860-47061/6	50.0	112.200802	50.0	466580.0	2.244016	Y
6	IC 860-47061/7	100.0	223.969179	50.0	475713.0	2.239692	Y
7	IC 860-47061/8	150.0	310.536688	50.0	477000.0	2.070245	Y



Calibration / 4-Ethyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

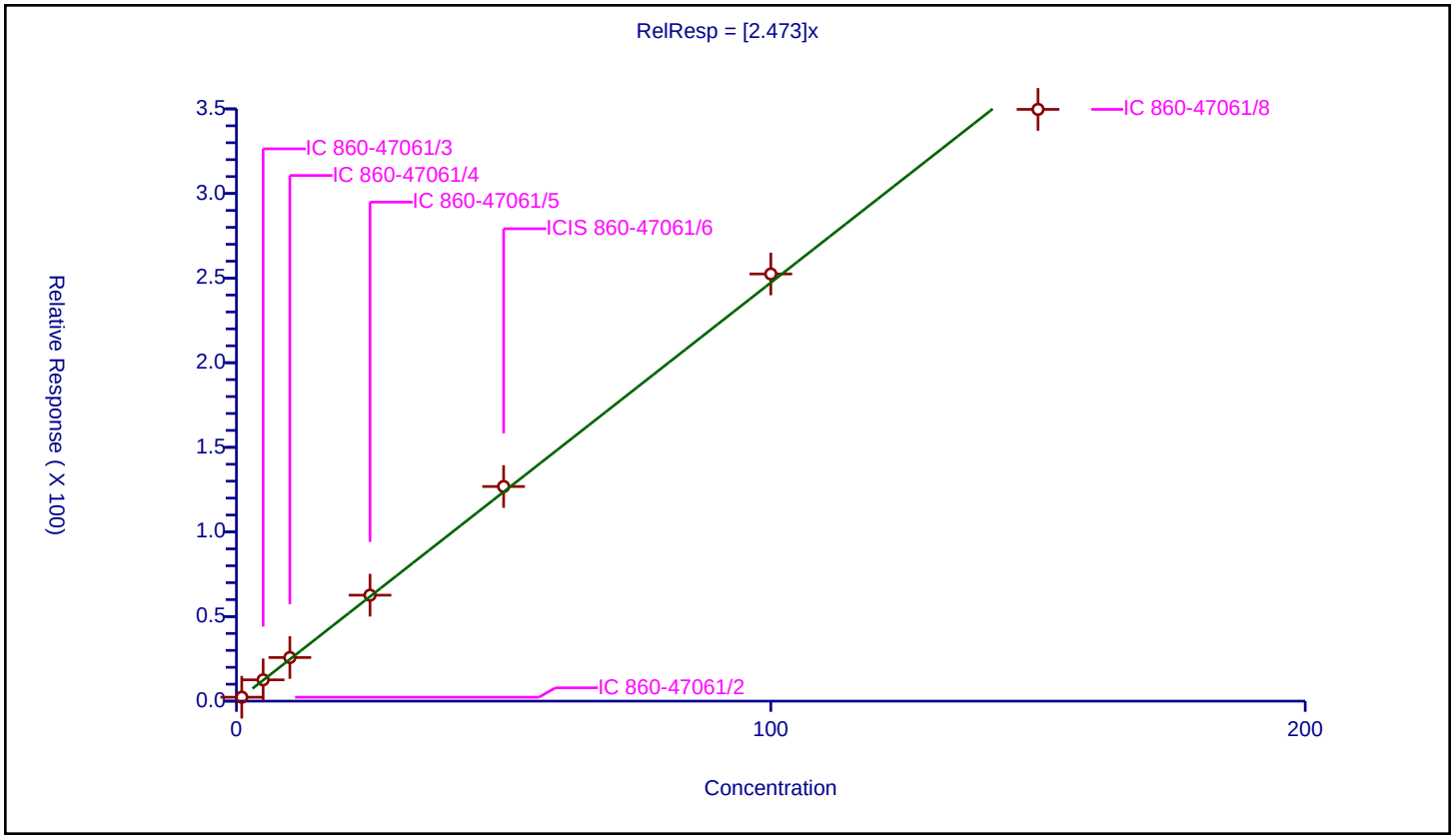
Curve Coefficients

Intercept:	0
Slope:	2.473

Error Coefficients

Standard Error:	1760000
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 860-47061/2	1.0	2.319765	50.0	463797.0	2.319765	Y
2	IC 860-47061/3	5.0	12.584111	50.0	452674.0	2.516822	Y
3	IC 860-47061/4	10.0	25.774565	50.0	448155.0	2.577456	Y
4	IC 860-47061/5	25.0	62.61817	50.0	452633.0	2.504727	Y
5	ICIS 860-47061/6	50.0	126.840628	50.0	466580.0	2.536813	Y
6	IC 860-47061/7	100.0	252.466088	50.0	475713.0	2.524661	Y
7	IC 860-47061/8	150.0	349.723585	50.0	477000.0	2.331491	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

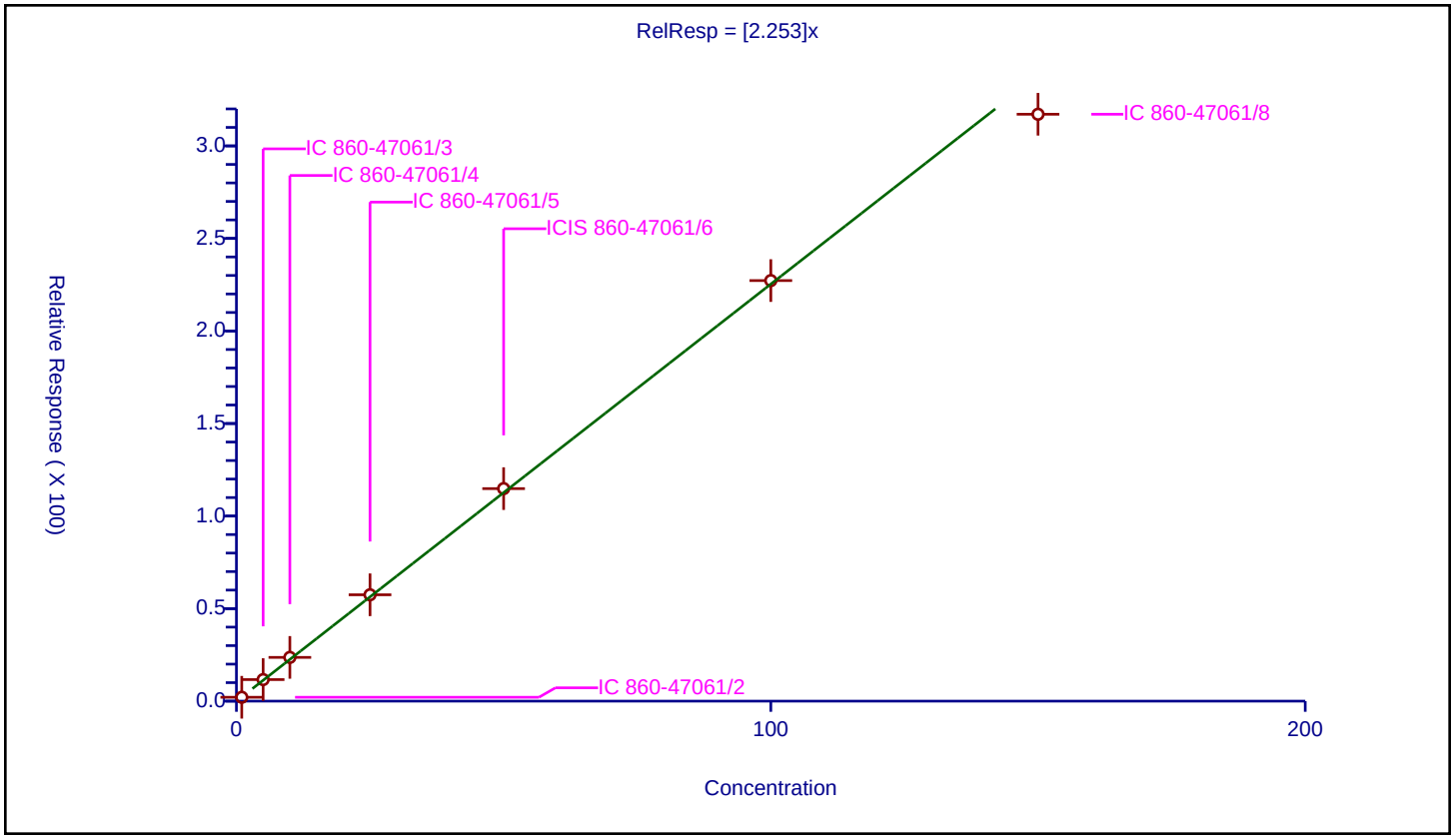
Curve Coefficients

Intercept:	0
Slope:	2.253

Error Coefficients

Standard Error:	1600000
Relative Standard Error:	4.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-47061/2	1.0	2.099625	50.0	463797.0	2.099625	Y
2	IC 860-47061/3	5.0	11.645909	50.0	452674.0	2.329182	Y
3	IC 860-47061/4	10.0	23.631779	50.0	448155.0	2.363178	Y
4	IC 860-47061/5	25.0	57.465982	50.0	452633.0	2.298639	Y
5	ICIS 860-47061/6	50.0	114.836148	50.0	466580.0	2.296723	Y
6	IC 860-47061/7	100.0	227.237116	50.0	475713.0	2.272371	Y
7	IC 860-47061/8	150.0	317.106604	50.0	477000.0	2.114044	Y



Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

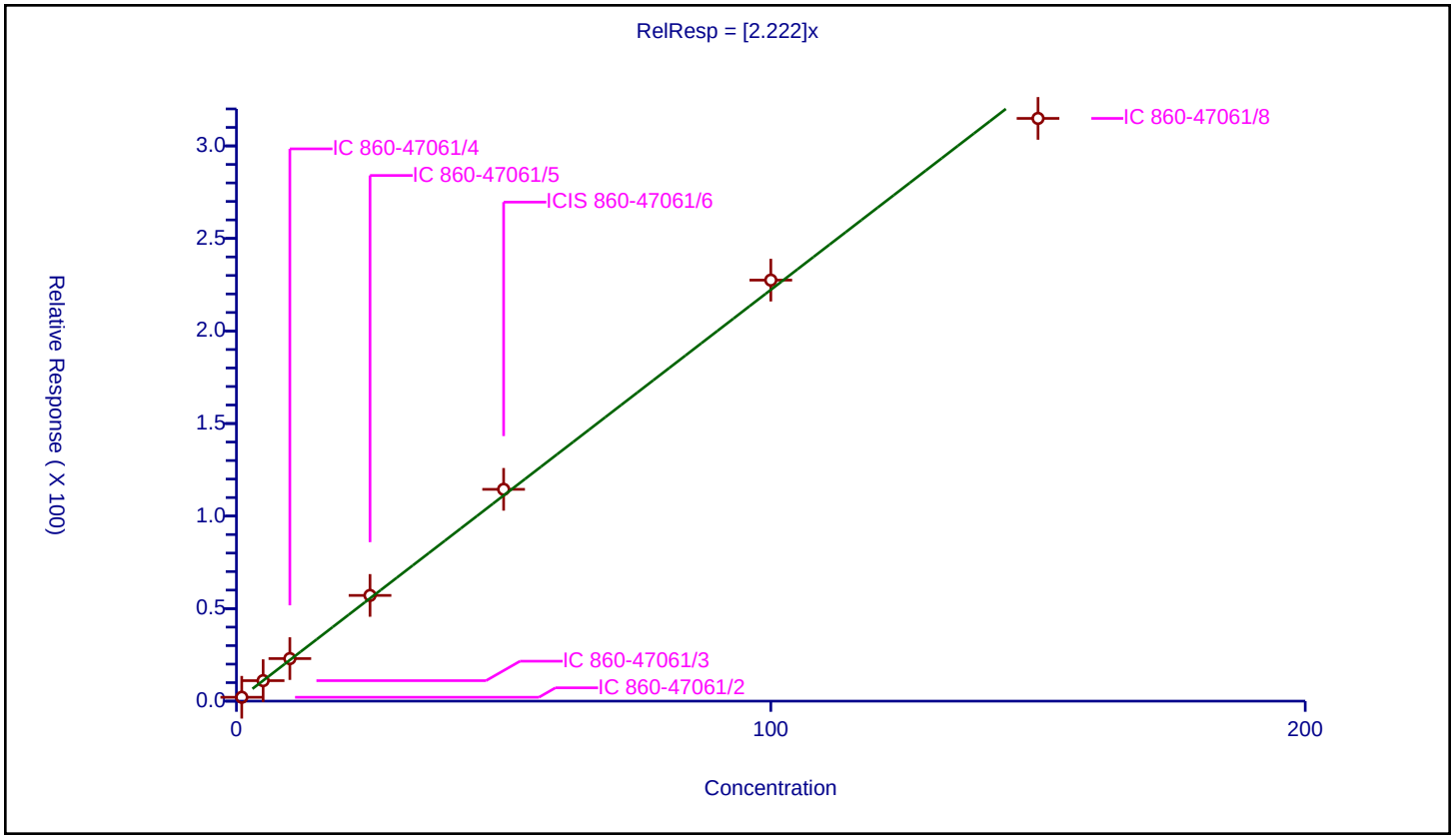
Curve Coefficients

Intercept:	0
Slope:	2.222

Error Coefficients

Standard Error:	1590000
Relative Standard Error:	4.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-47061/2	1.0	2.097469	50.0	463797.0	2.097469	Y
2	IC 860-47061/3	5.0	11.069335	50.0	452674.0	2.213867	Y
3	IC 860-47061/4	10.0	22.983789	50.0	448155.0	2.298379	Y
4	IC 860-47061/5	25.0	57.119786	50.0	452633.0	2.284791	Y
5	ICIS 860-47061/6	50.0	114.443825	50.0	466580.0	2.288877	Y
6	IC 860-47061/7	100.0	227.487372	50.0	475713.0	2.274874	Y
7	IC 860-47061/8	150.0	314.857757	50.0	477000.0	2.099052	Y



Calibration / Alpha Methyl Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

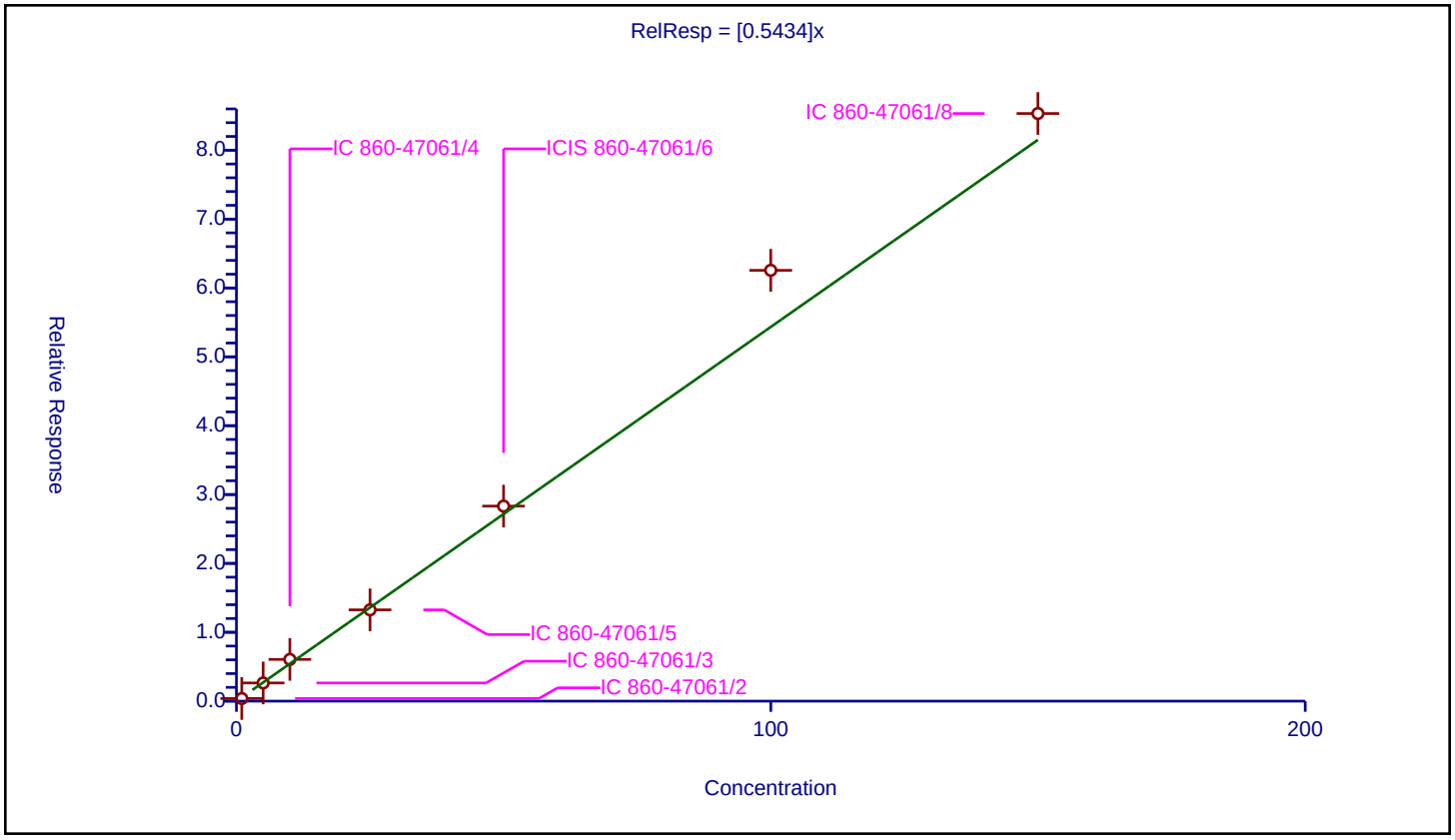
Curve Coefficients

Intercept:	0
Slope:	0.5434

Error Coefficients

Standard Error:	855000
Relative Standard Error:	14.9
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-47061/2	0.9999	0.379065	50.0	972656.0	0.379103	Y
2	IC 860-47061/3	4.9995	2.637898	50.0	949165.0	0.527632	Y
3	IC 860-47061/4	9.999	6.056755	50.0	947339.0	0.605736	Y
4	IC 860-47061/5	24.9975	13.257092	50.0	930947.0	0.530337	Y
5	ICIS 860-47061/6	49.995	28.320271	50.0	949177.0	0.566462	Y
6	IC 860-47061/7	99.99	62.559972	50.0	953772.0	0.625662	Y
7	IC 860-47061/8	149.985	85.330924	50.0	945022.0	0.56893	Y



Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

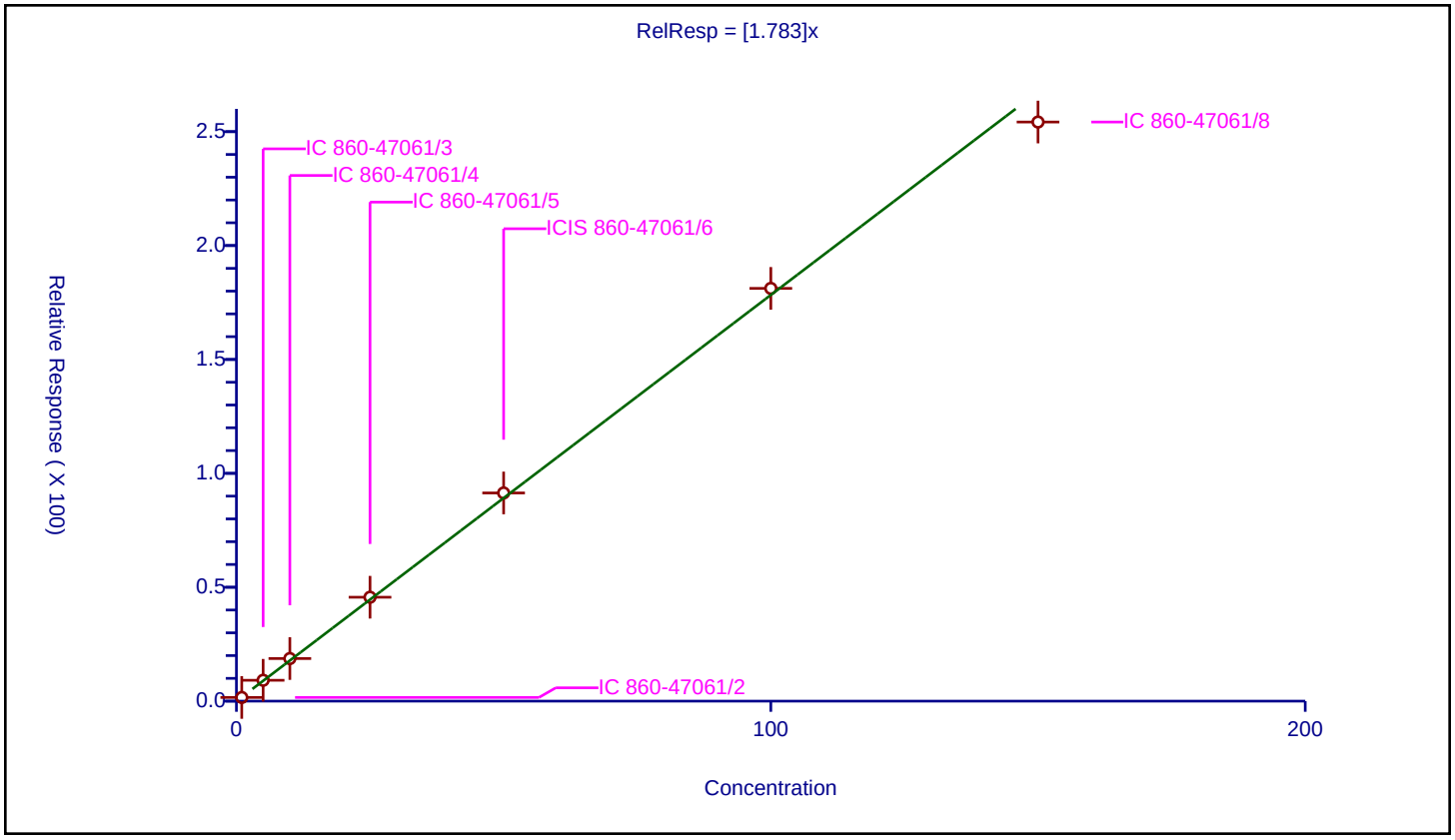
Curve Coefficients

Intercept:	0
Slope:	1.783

Error Coefficients

Standard Error:	1280000
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 860-47061/2	1.0	1.618919	50.0	463797.0	1.618919	Y
2	IC 860-47061/3	5.0	9.165095	50.0	452674.0	1.833019	Y
3	IC 860-47061/4	10.0	18.704131	50.0	448155.0	1.870413	Y
4	IC 860-47061/5	25.0	45.622392	50.0	452633.0	1.824896	Y
5	ICIS 860-47061/6	50.0	91.390973	50.0	466580.0	1.827819	Y
6	IC 860-47061/7	100.0	181.202952	50.0	475713.0	1.81203	Y
7	IC 860-47061/8	150.0	254.239099	50.0	477000.0	1.694927	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

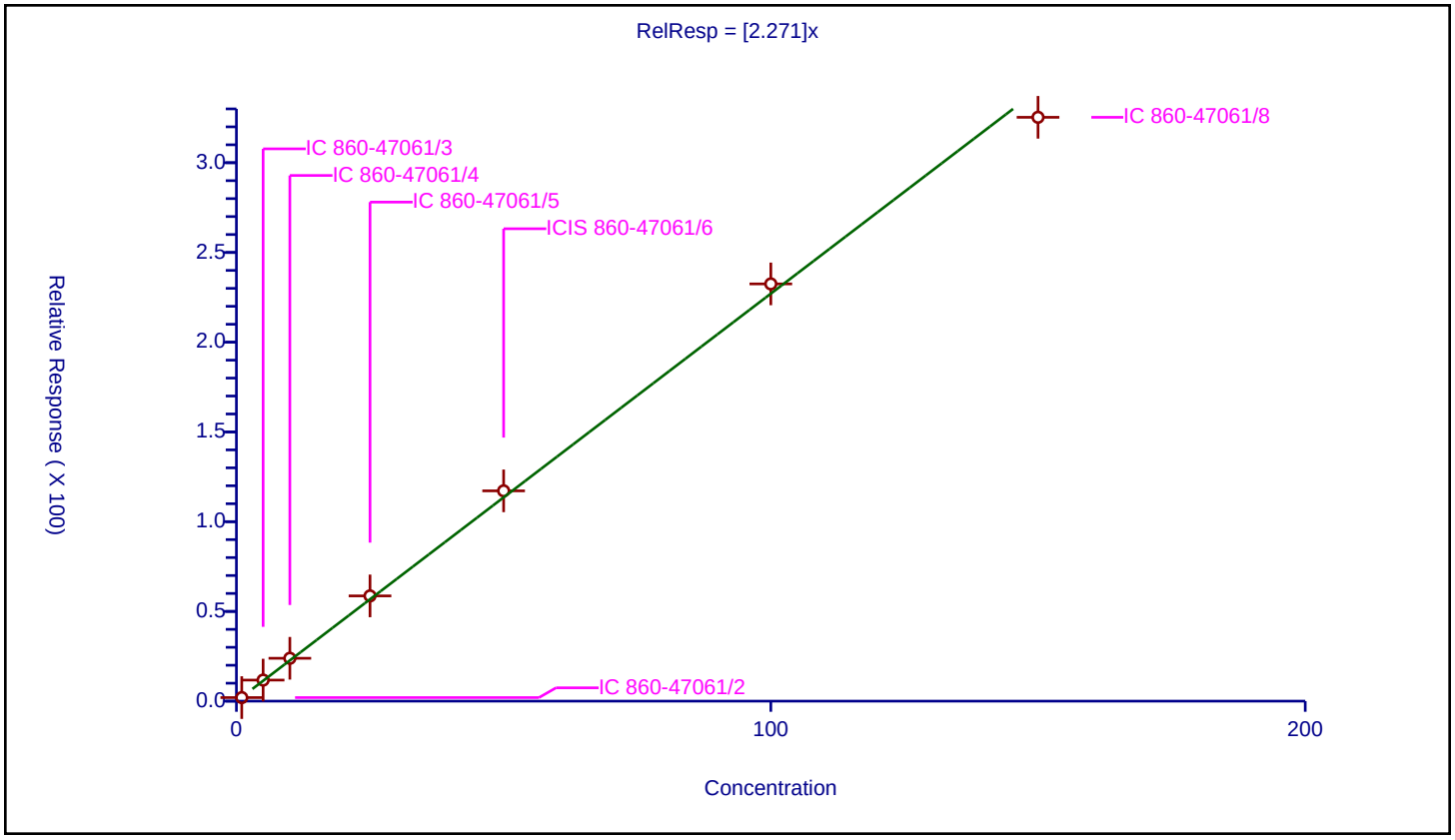
Curve Coefficients

Intercept:	0
Slope:	2.271

Error Coefficients

Standard Error:	1640000
Relative Standard Error:	6.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-47061/2	1.0	1.974355	50.0	463797.0	1.974355	Y
2	IC 860-47061/3	5.0	11.738359	50.0	452674.0	2.347672	Y
3	IC 860-47061/4	10.0	23.887606	50.0	448155.0	2.388761	Y
4	IC 860-47061/5	25.0	58.646851	50.0	452633.0	2.345874	Y
5	ICIS 860-47061/6	50.0	117.175404	50.0	466580.0	2.343508	Y
6	IC 860-47061/7	100.0	232.486709	50.0	475713.0	2.324867	Y
7	IC 860-47061/8	150.0	325.311111	50.0	477000.0	2.168741	Y



Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

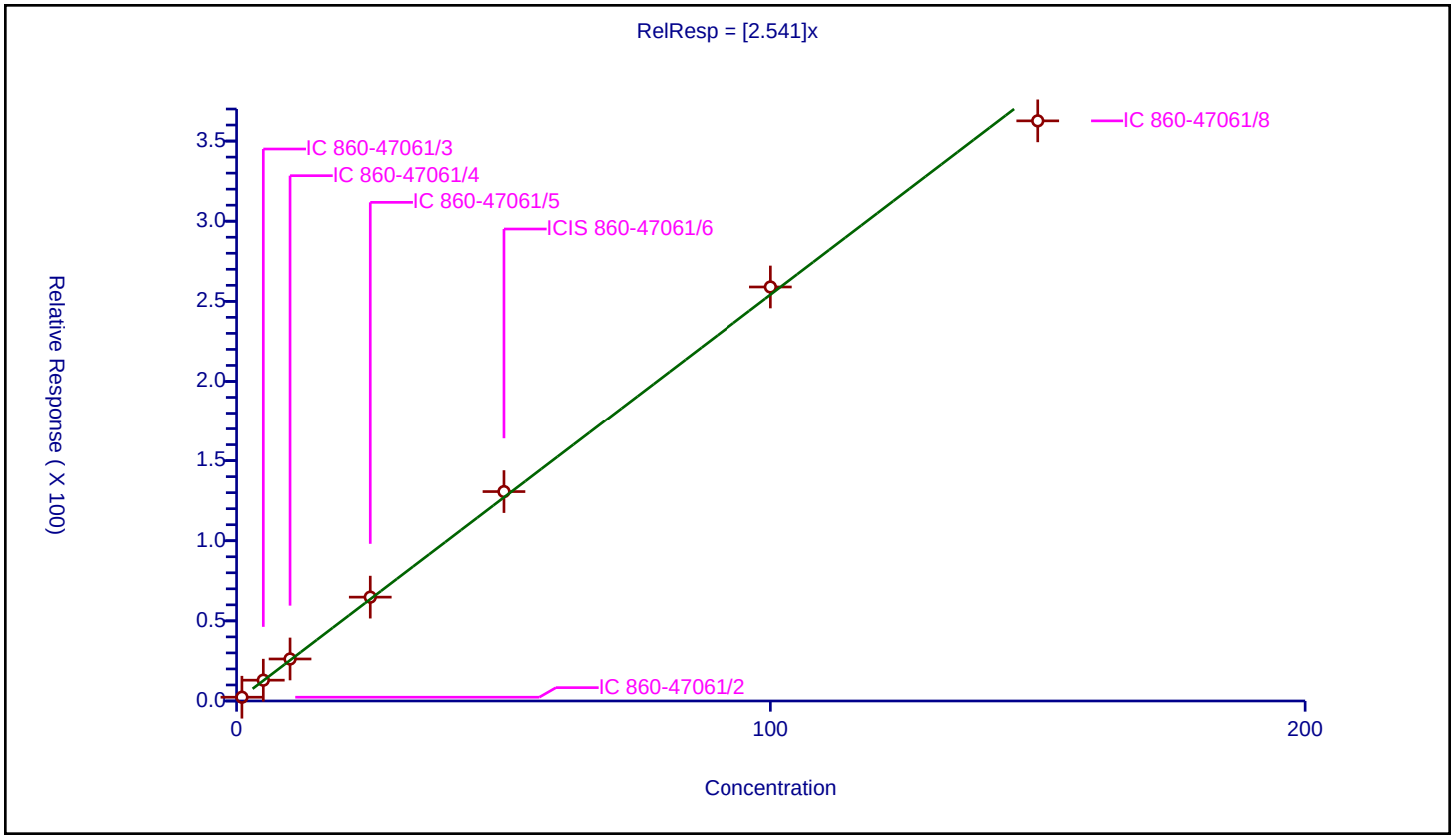
Curve Coefficients

Intercept:	0
Slope:	2.541

Error Coefficients

Standard Error:	1820000
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 860-47061/2	1.0	2.359114	50.0	463797.0	2.359114	Y
2	IC 860-47061/3	5.0	12.989701	50.0	452674.0	2.59794	Y
3	IC 860-47061/4	10.0	26.21024	50.0	448155.0	2.621024	Y
4	IC 860-47061/5	25.0	64.803715	50.0	452633.0	2.592149	Y
5	ICIS 860-47061/6	50.0	130.669982	50.0	466580.0	2.6134	Y
6	IC 860-47061/7	100.0	258.941841	50.0	475713.0	2.589418	Y
7	IC 860-47061/8	150.0	362.604088	50.0	477000.0	2.417361	Y



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

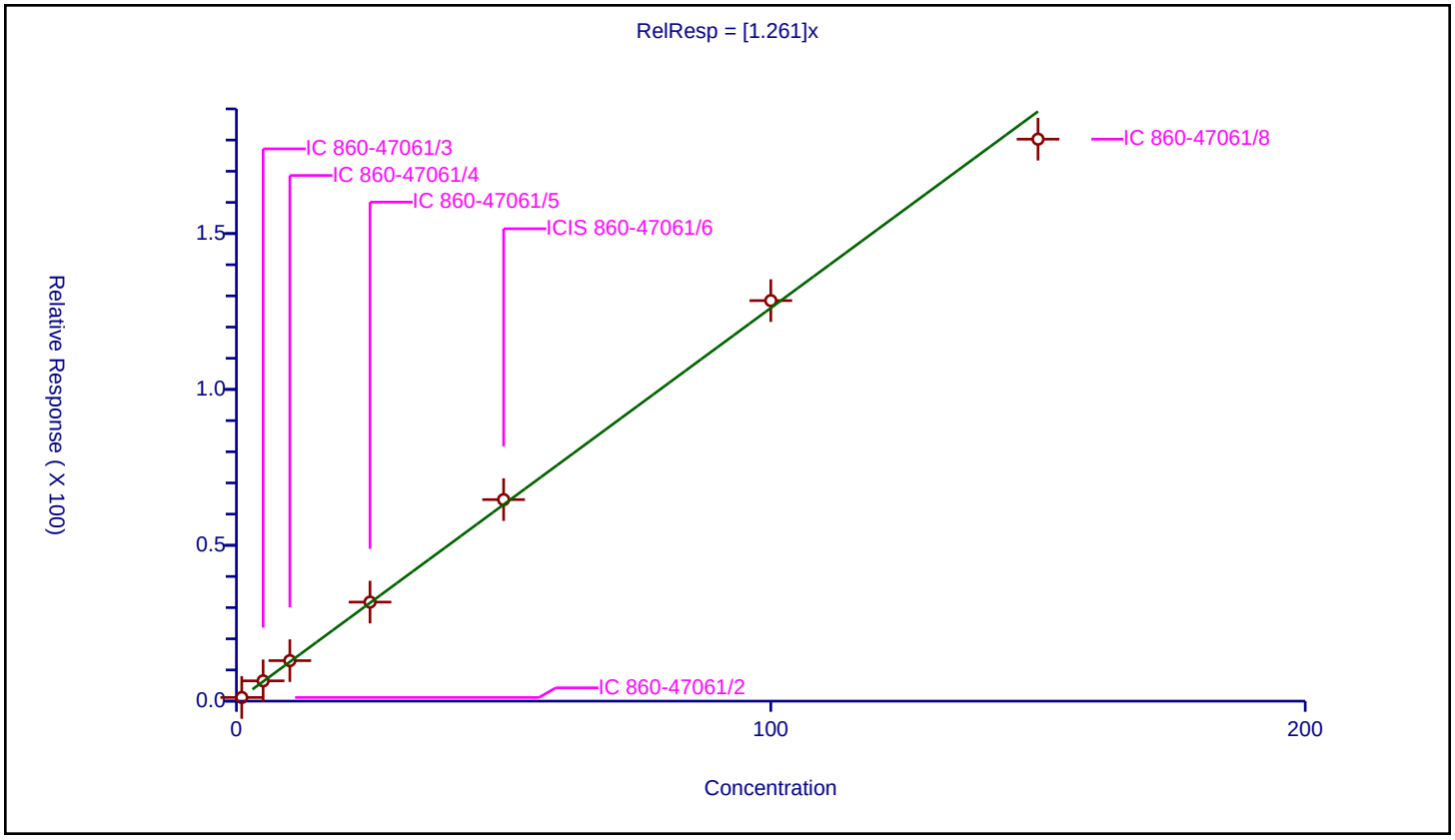
Curve Coefficients

Intercept:	0
Slope:	1.261

Error Coefficients

Standard Error:	905000
Relative Standard Error:	4.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-47061/2	1.0	1.178209	50.0	463797.0	1.178209	Y
2	IC 860-47061/3	5.0	6.503687	50.0	452674.0	1.300737	Y
3	IC 860-47061/4	10.0	12.991822	50.0	448155.0	1.299182	Y
4	IC 860-47061/5	25.0	31.77254	50.0	452633.0	1.270902	Y
5	ICIS 860-47061/6	50.0	64.649042	50.0	466580.0	1.292981	Y
6	IC 860-47061/7	100.0	128.493125	50.0	475713.0	1.284931	Y
7	IC 860-47061/8	150.0	180.287212	50.0	477000.0	1.201915	Y



Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

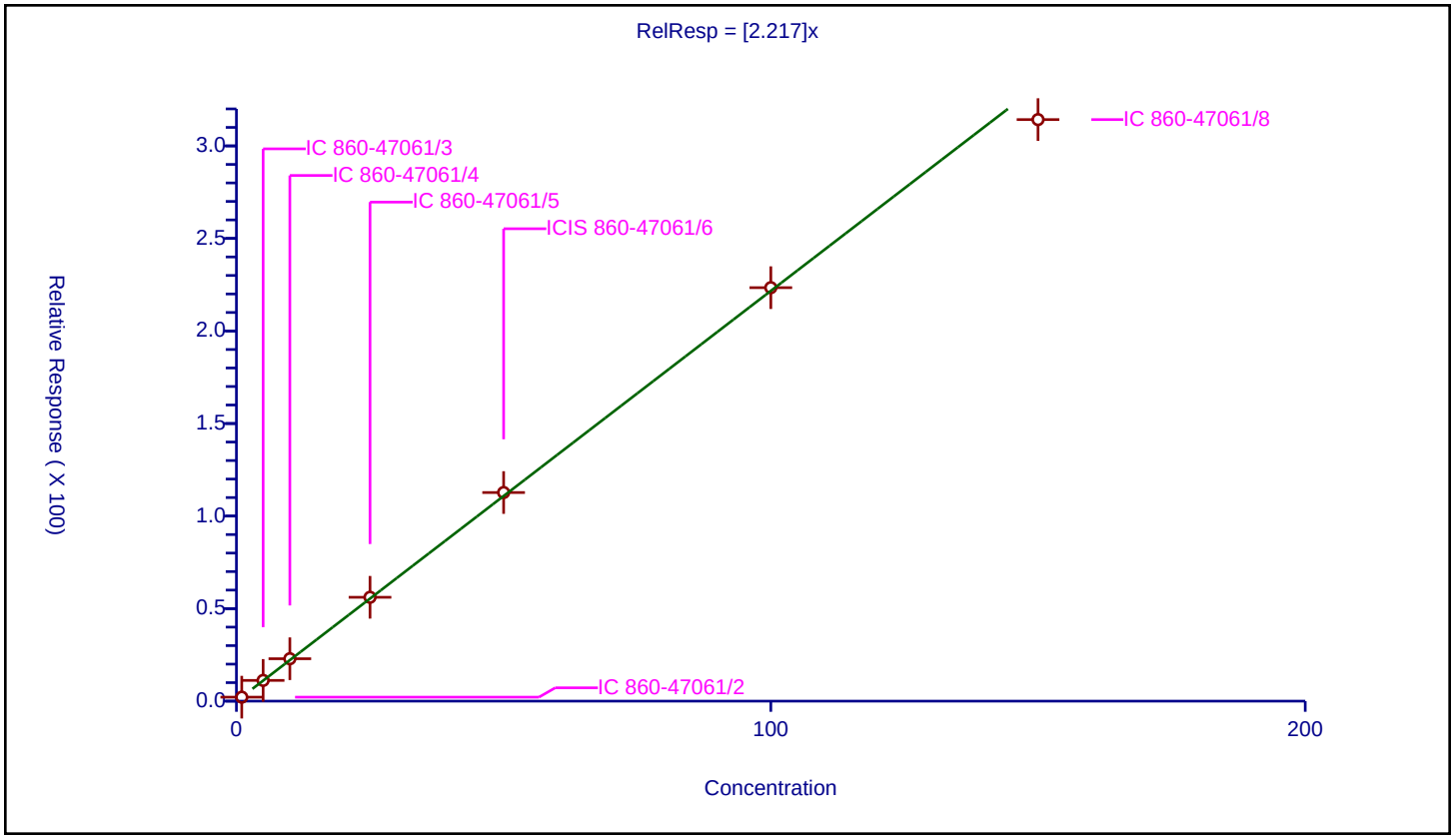
Curve Coefficients

Intercept:	0
Slope:	2.217

Error Coefficients

Standard Error:	1580000
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 860-47061/2	1.0	2.157302	50.0	463797.0	2.157302	Y
2	IC 860-47061/3	5.0	11.199671	50.0	452674.0	2.239934	Y
3	IC 860-47061/4	10.0	22.911716	50.0	448155.0	2.291172	Y
4	IC 860-47061/5	25.0	56.121958	50.0	452633.0	2.244878	Y
5	ICIS 860-47061/6	50.0	112.719791	50.0	466580.0	2.254396	Y
6	IC 860-47061/7	100.0	223.413592	50.0	475713.0	2.234136	Y
7	IC 860-47061/8	150.0	314.217505	50.0	477000.0	2.094783	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

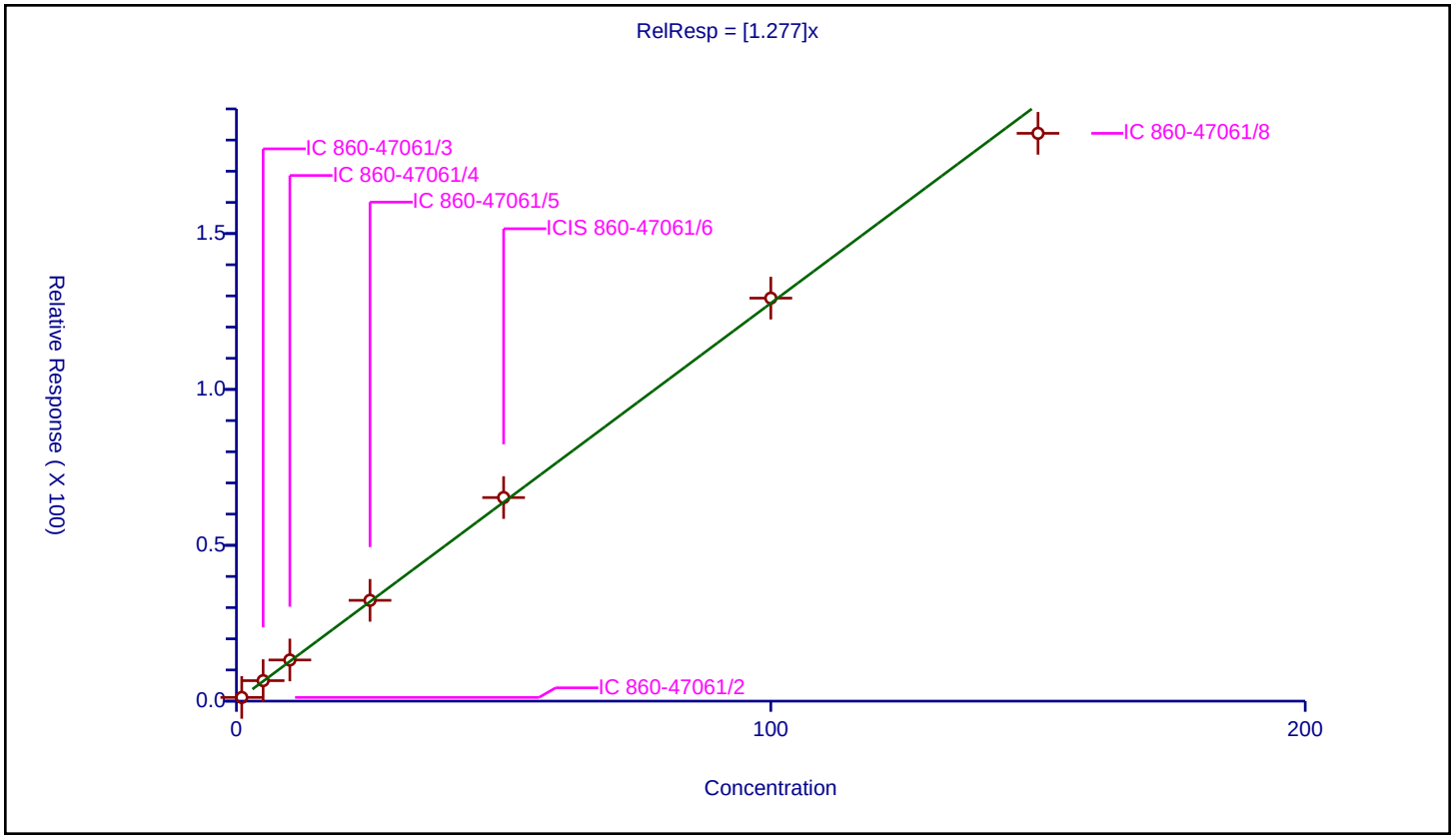
Curve Coefficients

Intercept:	0
Slope:	1.277

Error Coefficients

Standard Error:	914000
Relative Standard Error:	4.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-47061/2	1.0	1.193194	50.0	463797.0	1.193194	Y
2	IC 860-47061/3	5.0	6.575483	50.0	452674.0	1.315097	Y
3	IC 860-47061/4	10.0	13.205699	50.0	448155.0	1.32057	Y
4	IC 860-47061/5	25.0	32.340881	50.0	452633.0	1.293635	Y
5	ICIS 860-47061/6	50.0	65.307879	50.0	466580.0	1.306158	Y
6	IC 860-47061/7	100.0	129.293818	50.0	475713.0	1.292938	Y
7	IC 860-47061/8	150.0	182.168658	50.0	477000.0	1.214458	Y



Calibration / Dicyclopentadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

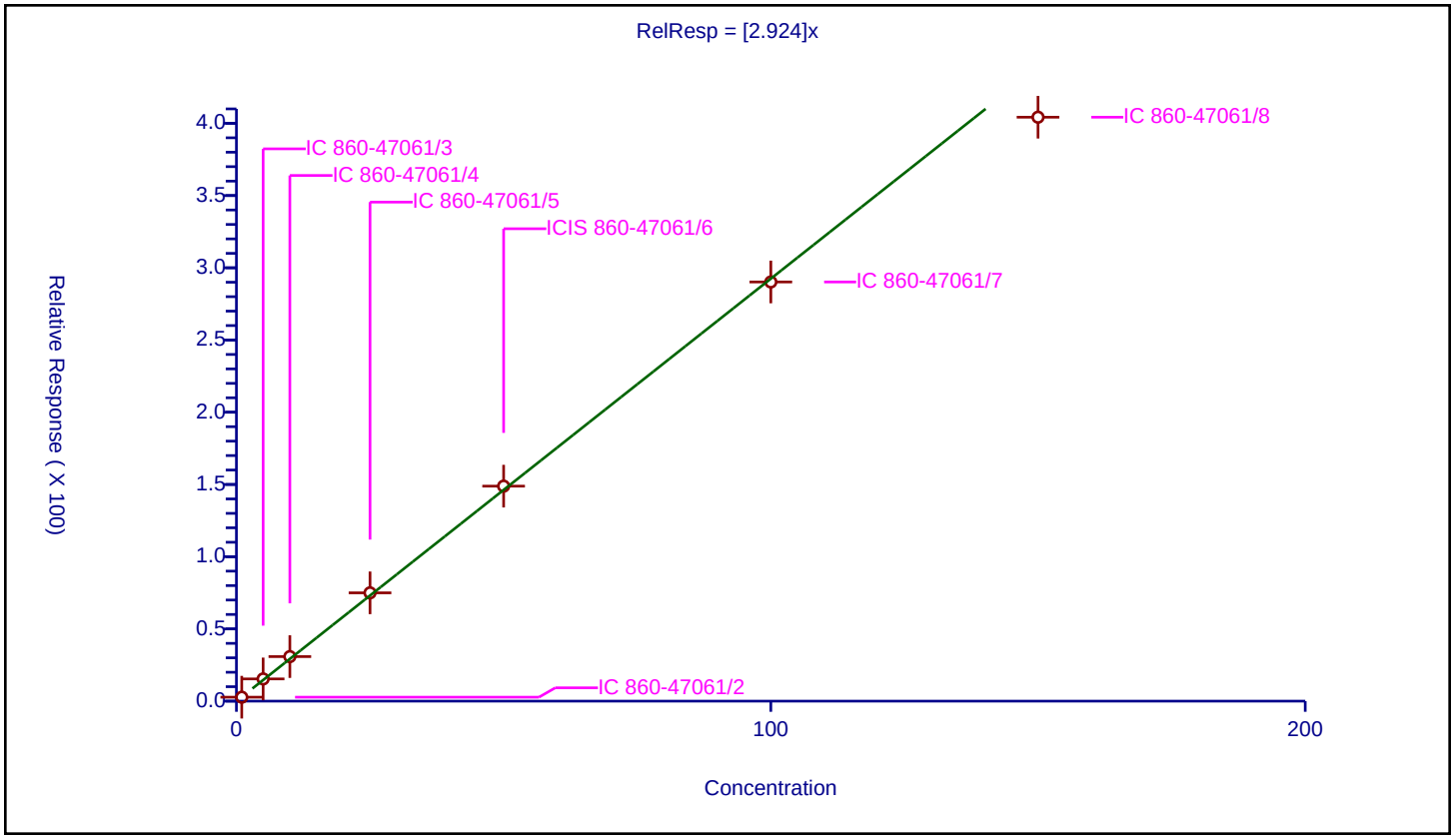
Curve Coefficients

Intercept:	0
Slope:	2.924

Error Coefficients

Standard Error:	2040000
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 860-47061/2	1.0	2.73665	50.0	463797.0	2.73665	Y
2	IC 860-47061/3	5.0	15.395627	50.0	452674.0	3.079125	Y
3	IC 860-47061/4	10.0	30.83007	50.0	448155.0	3.083007	Y
4	IC 860-47061/5	25.0	74.973102	50.0	452633.0	2.998924	Y
5	ICIS 860-47061/6	50.0	148.84875	50.0	466580.0	2.976975	Y
6	IC 860-47061/7	100.0	290.185469	50.0	475713.0	2.901855	Y
7	IC 860-47061/8	150.0	404.23805	50.0	477000.0	2.69492	Y



Calibration / Benzyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

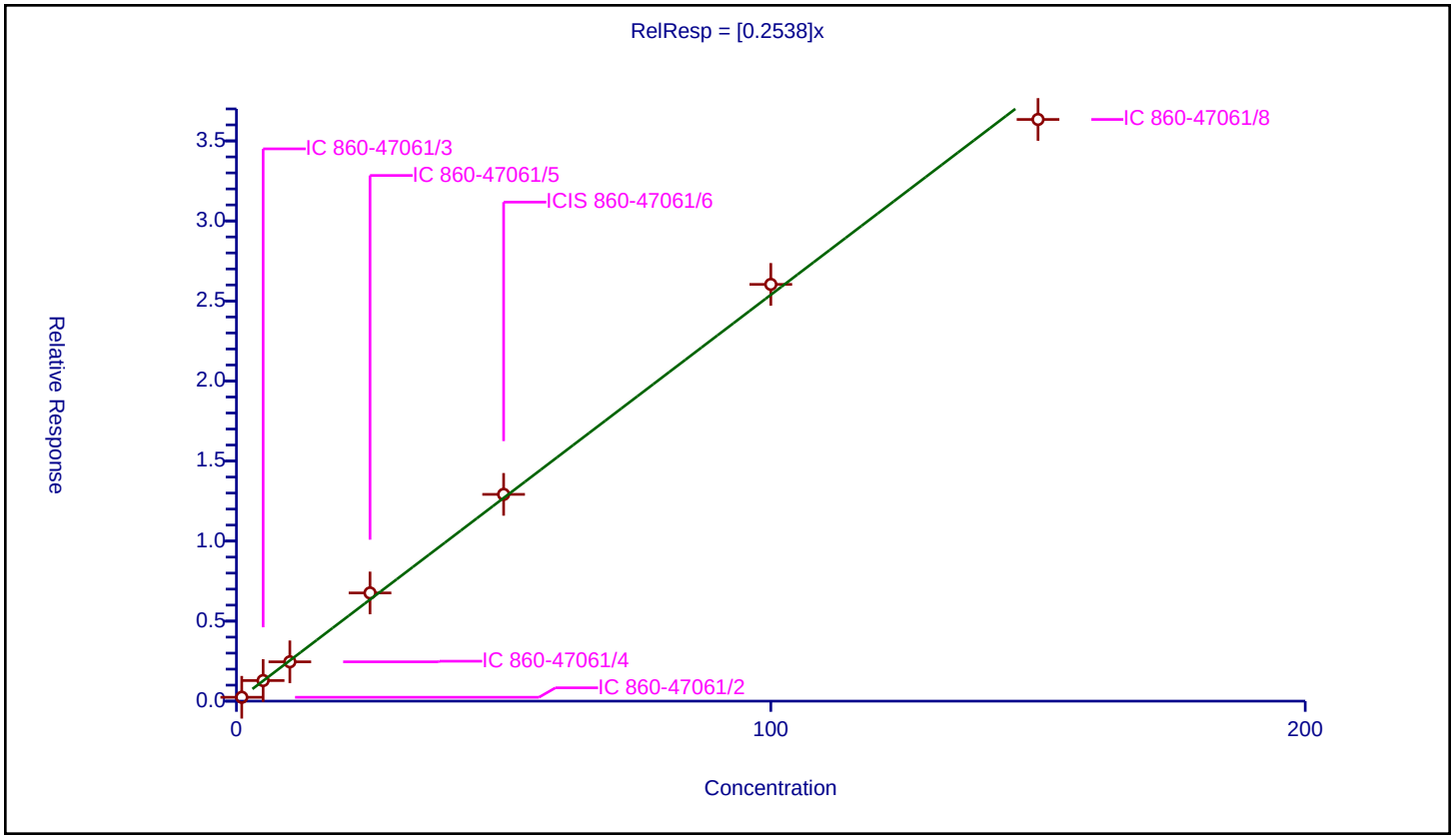
Curve Coefficients

Intercept:	0
Slope:	0.2538

Error Coefficients

Standard Error:	183000
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 860-47061/2	1.0	0.242563	50.0	463797.0	0.242563	Y
2	IC 860-47061/3	5.0	1.286688	50.0	452674.0	0.257338	Y
3	IC 860-47061/4	10.0	2.456739	50.0	448155.0	0.245674	Y
4	IC 860-47061/5	25.0	6.758897	50.0	452633.0	0.270356	Y
5	ICIS 860-47061/6	50.0	12.918256	50.0	466580.0	0.258365	Y
6	IC 860-47061/7	100.0	26.035866	50.0	475713.0	0.260359	Y
7	IC 860-47061/8	150.0	36.339832	50.0	477000.0	0.242266	Y



Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

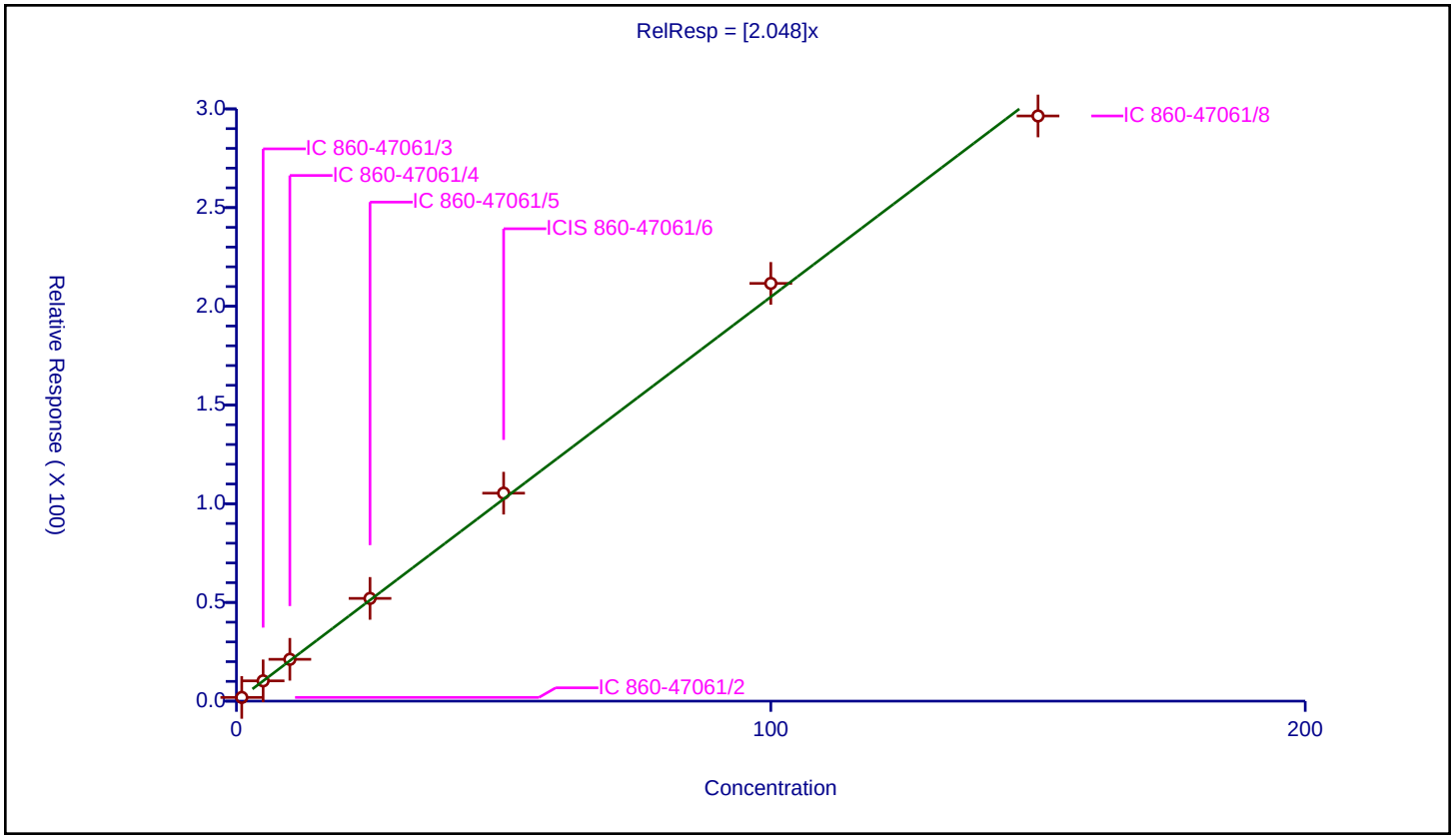
Curve Coefficients

Intercept:	0
Slope:	2.048

Error Coefficients

Standard Error:	1490000
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 860-47061/2	1.0	1.880133	50.0	463797.0	1.880133	Y
2	IC 860-47061/3	5.0	10.270194	50.0	452674.0	2.054039	Y
3	IC 860-47061/4	10.0	21.186755	50.0	448155.0	2.118675	Y
4	IC 860-47061/5	25.0	52.040837	50.0	452633.0	2.081633	Y
5	ICIS 860-47061/6	50.0	105.349458	50.0	466580.0	2.106989	Y
6	IC 860-47061/7	100.0	211.606263	50.0	475713.0	2.116063	Y
7	IC 860-47061/8	150.0	296.428931	50.0	477000.0	1.976193	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

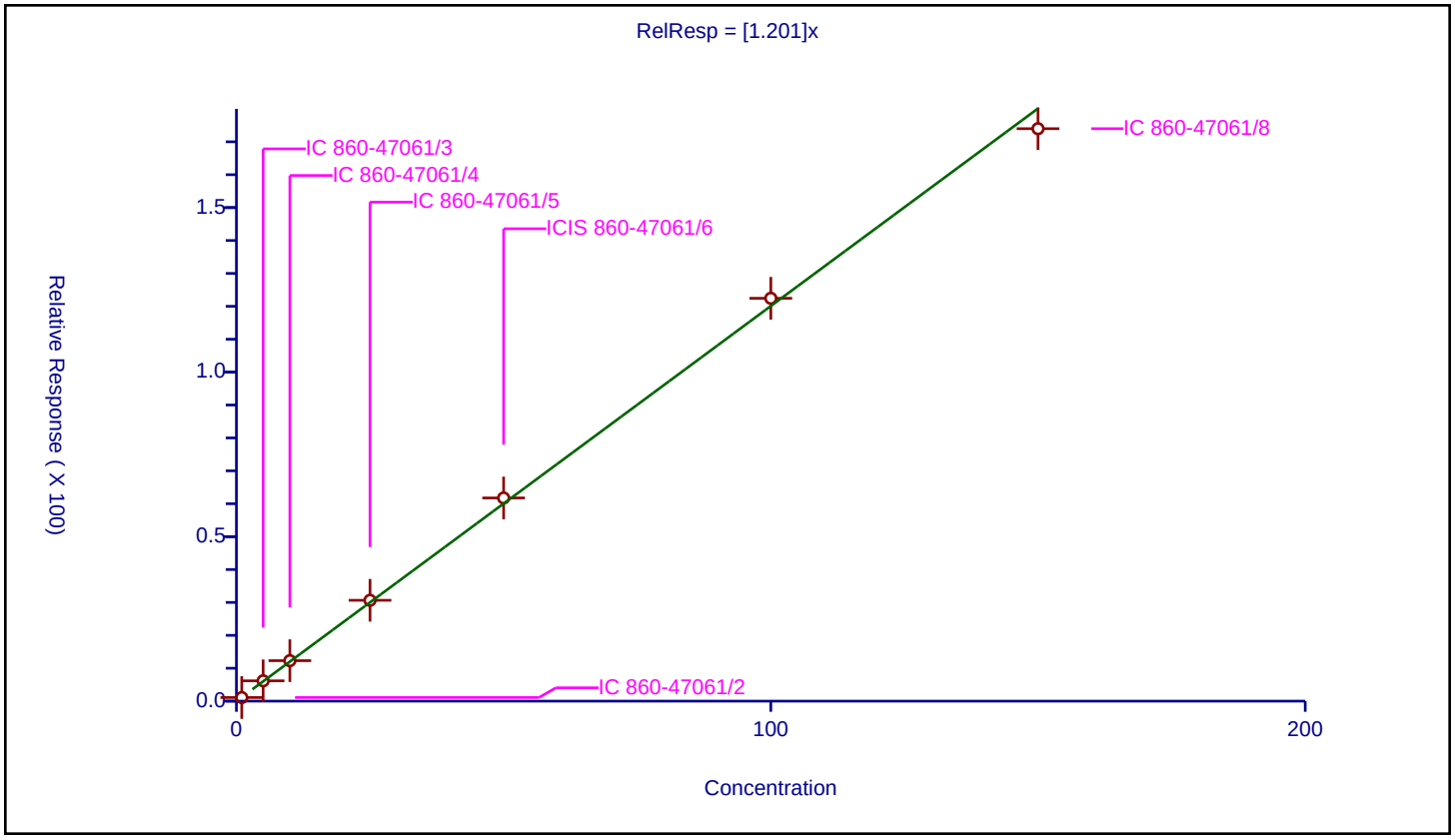
Curve Coefficients

Intercept:	0
Slope:	1.201

Error Coefficients

Standard Error:	869000
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 860-47061/2	1.0	1.095415	50.0	463797.0	1.095415	Y
2	IC 860-47061/3	5.0	6.174311	50.0	452674.0	1.234862	Y
3	IC 860-47061/4	10.0	12.302775	50.0	448155.0	1.230277	Y
4	IC 860-47061/5	25.0	30.649113	50.0	452633.0	1.225965	Y
5	ICIS 860-47061/6	50.0	61.747182	50.0	466580.0	1.234944	Y
6	IC 860-47061/7	100.0	122.435586	50.0	475713.0	1.224356	Y
7	IC 860-47061/8	150.0	173.984486	50.0	477000.0	1.159897	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

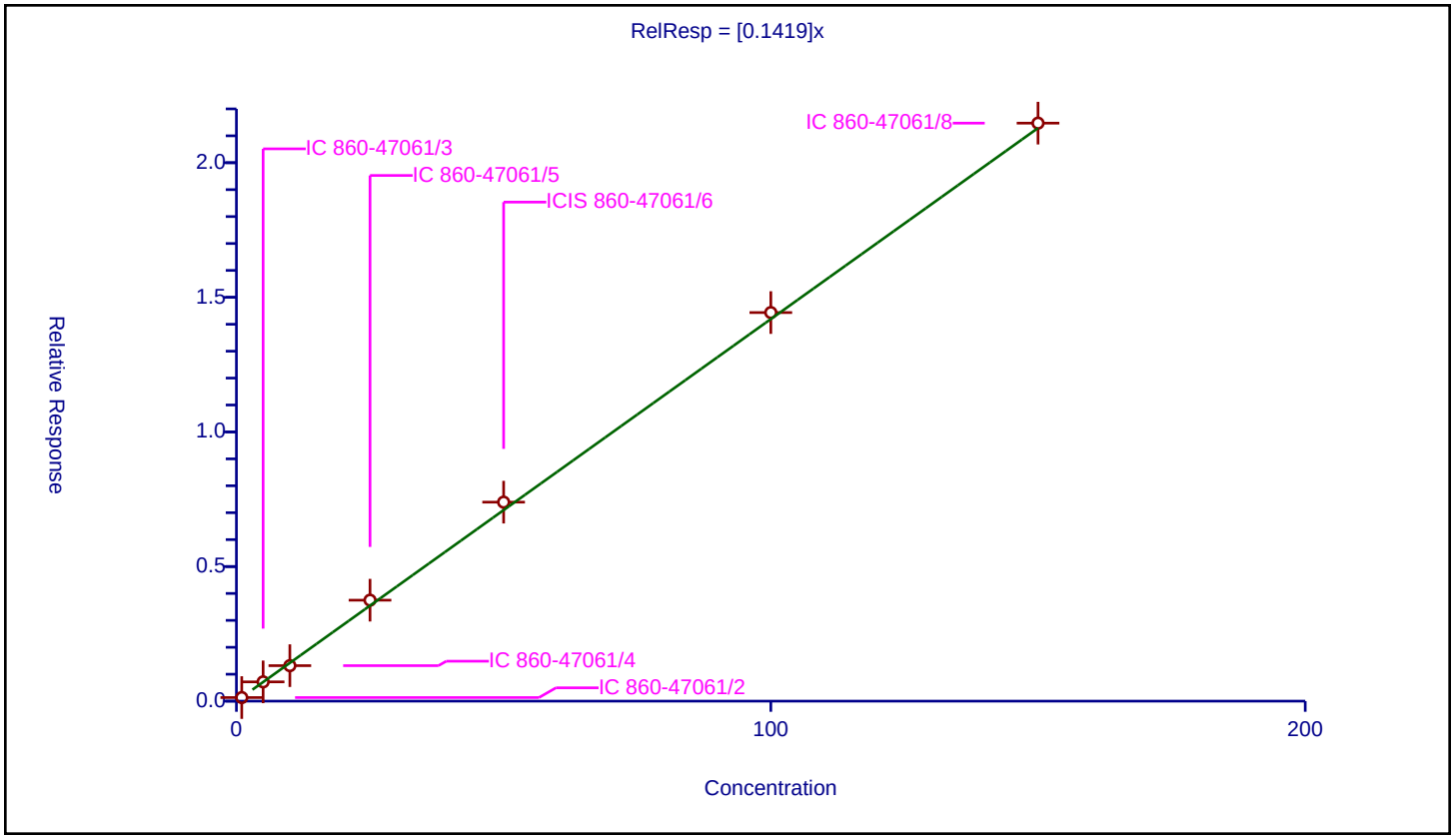
Curve Coefficients

Intercept:	0
Slope:	0.1419

Error Coefficients

Standard Error:	106000
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 860-47061/2	1.0	0.13314	50.0	463797.0	0.13314	Y
2	IC 860-47061/3	5.0	0.715968	50.0	452674.0	0.143194	Y
3	IC 860-47061/4	10.0	1.317959	50.0	448155.0	0.131796	Y
4	IC 860-47061/5	25.0	3.750279	50.0	452633.0	0.150011	Y
5	ICIS 860-47061/6	50.0	7.392301	50.0	466580.0	0.147846	Y
6	IC 860-47061/7	100.0	14.434438	50.0	475713.0	0.144344	Y
7	IC 860-47061/8	150.0	21.470231	50.0	477000.0	0.143135	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

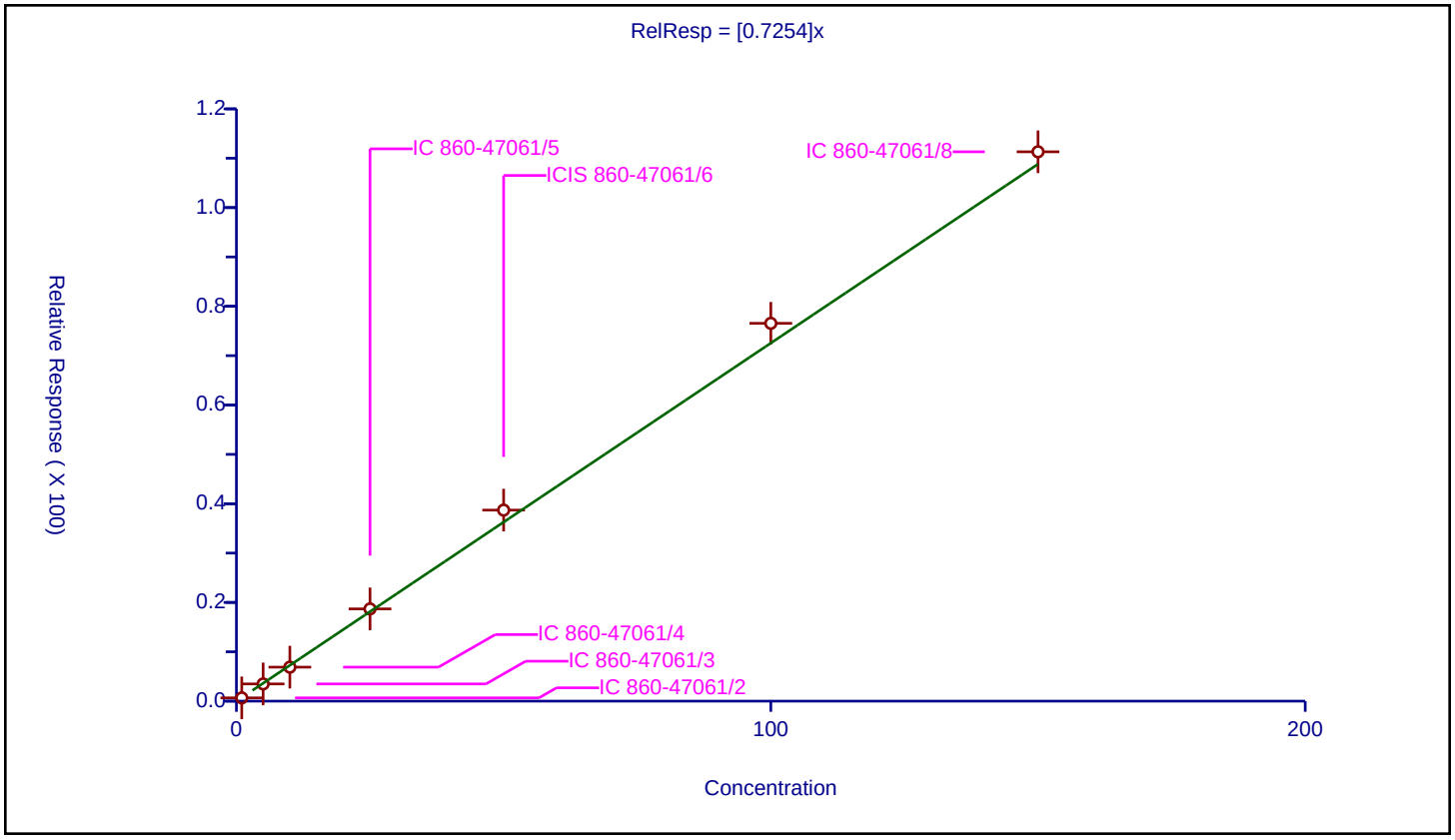
Curve Coefficients

Intercept:	0
Slope:	0.7254

Error Coefficients

Standard Error:	551000
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 860-47061/2	1.0	0.662251	50.0	463797.0	0.662251	Y
2	IC 860-47061/3	5.0	3.489045	50.0	452674.0	0.697809	Y
3	IC 860-47061/4	10.0	6.887684	50.0	448155.0	0.688768	Y
4	IC 860-47061/5	25.0	18.690529	50.0	452633.0	0.747621	Y
5	ICIS 860-47061/6	50.0	38.704509	50.0	466580.0	0.77409	Y
6	IC 860-47061/7	100.0	76.551723	50.0	475713.0	0.765517	Y
7	IC 860-47061/8	150.0	111.308071	50.0	477000.0	0.742054	Y



Calibration / Hexachlorobutadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

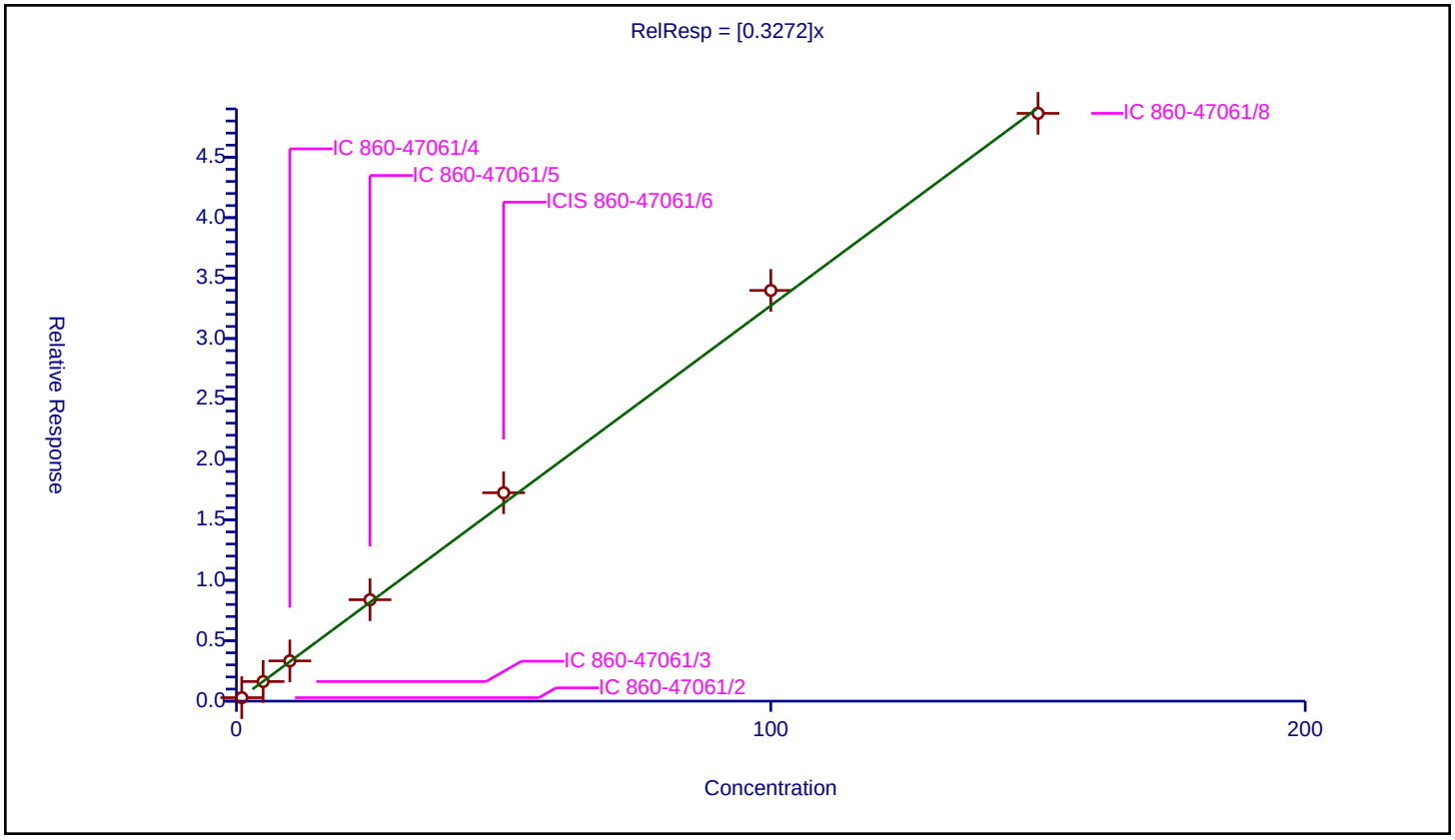
Curve Coefficients

Intercept:	0
Slope:	0.3272

Error Coefficients

Standard Error:	242000
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 860-47061/2	1.0	0.288596	50.0	463797.0	0.288596	Y
2	IC 860-47061/3	5.0	1.62258	50.0	452674.0	0.324516	Y
3	IC 860-47061/4	10.0	3.330209	50.0	448155.0	0.333021	Y
4	IC 860-47061/5	25.0	8.39002	50.0	452633.0	0.335601	Y
5	ICIS 860-47061/6	50.0	17.239166	50.0	466580.0	0.344783	Y
6	IC 860-47061/7	100.0	33.979626	50.0	475713.0	0.339796	Y
7	IC 860-47061/8	150.0	48.63239	50.0	477000.0	0.324216	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

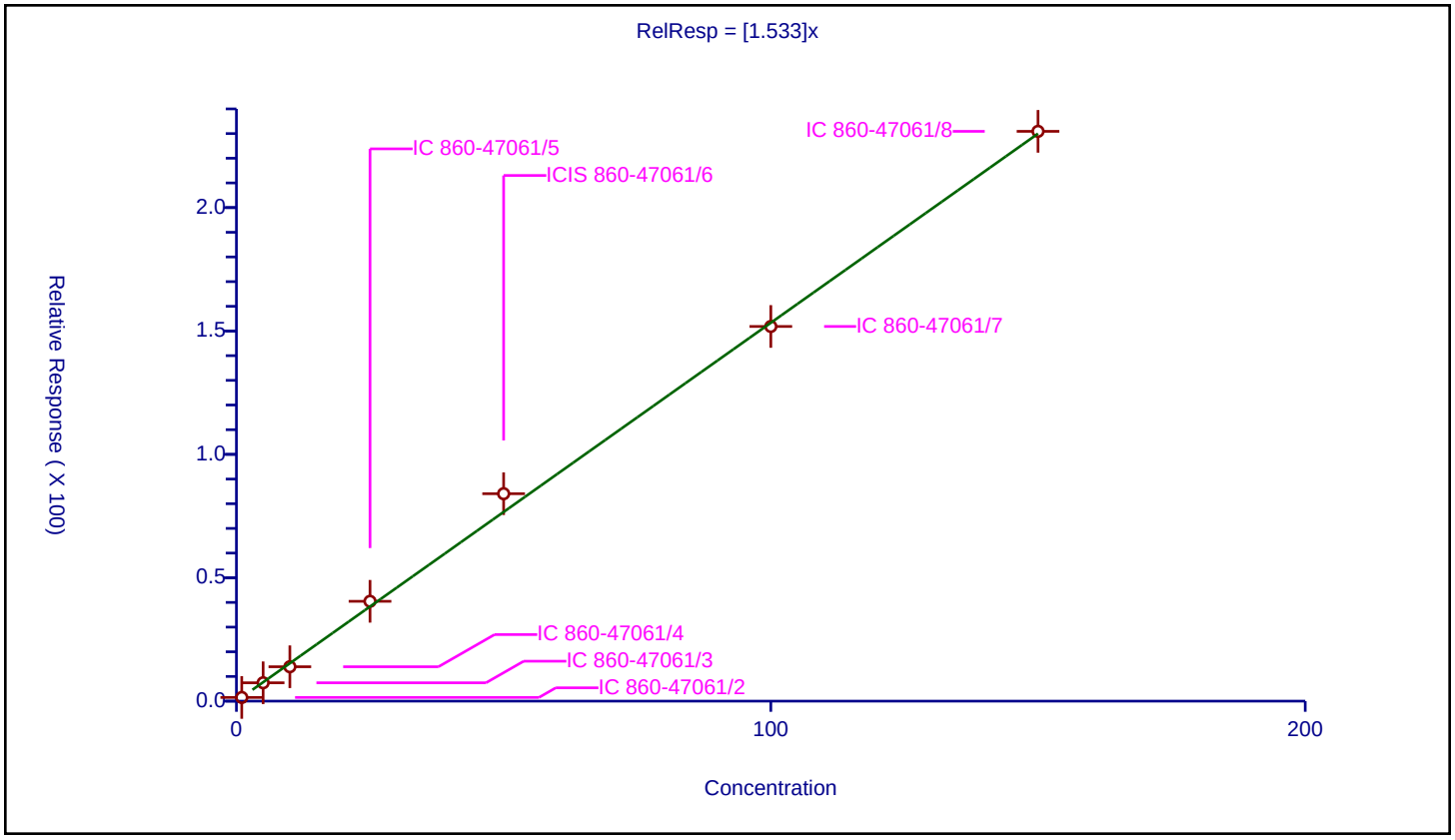
Curve Coefficients

Intercept:	0
Slope:	1.533

Error Coefficients

Standard Error:	1130000
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 860-47061/2	1.0	1.493002	50.0	463797.0	1.493002	Y
2	IC 860-47061/3	5.0	7.440012	50.0	452674.0	1.488002	Y
3	IC 860-47061/4	10.0	13.940601	50.0	448155.0	1.39406	Y
4	IC 860-47061/5	25.0	40.453082	50.0	452633.0	1.618123	Y
5	ICIS 860-47061/6	50.0	84.063397	50.0	466580.0	1.681268	Y
6	IC 860-47061/7	100.0	151.827362	50.0	475713.0	1.518274	Y
7	IC 860-47061/8	150.0	230.905346	50.0	477000.0	1.539369	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

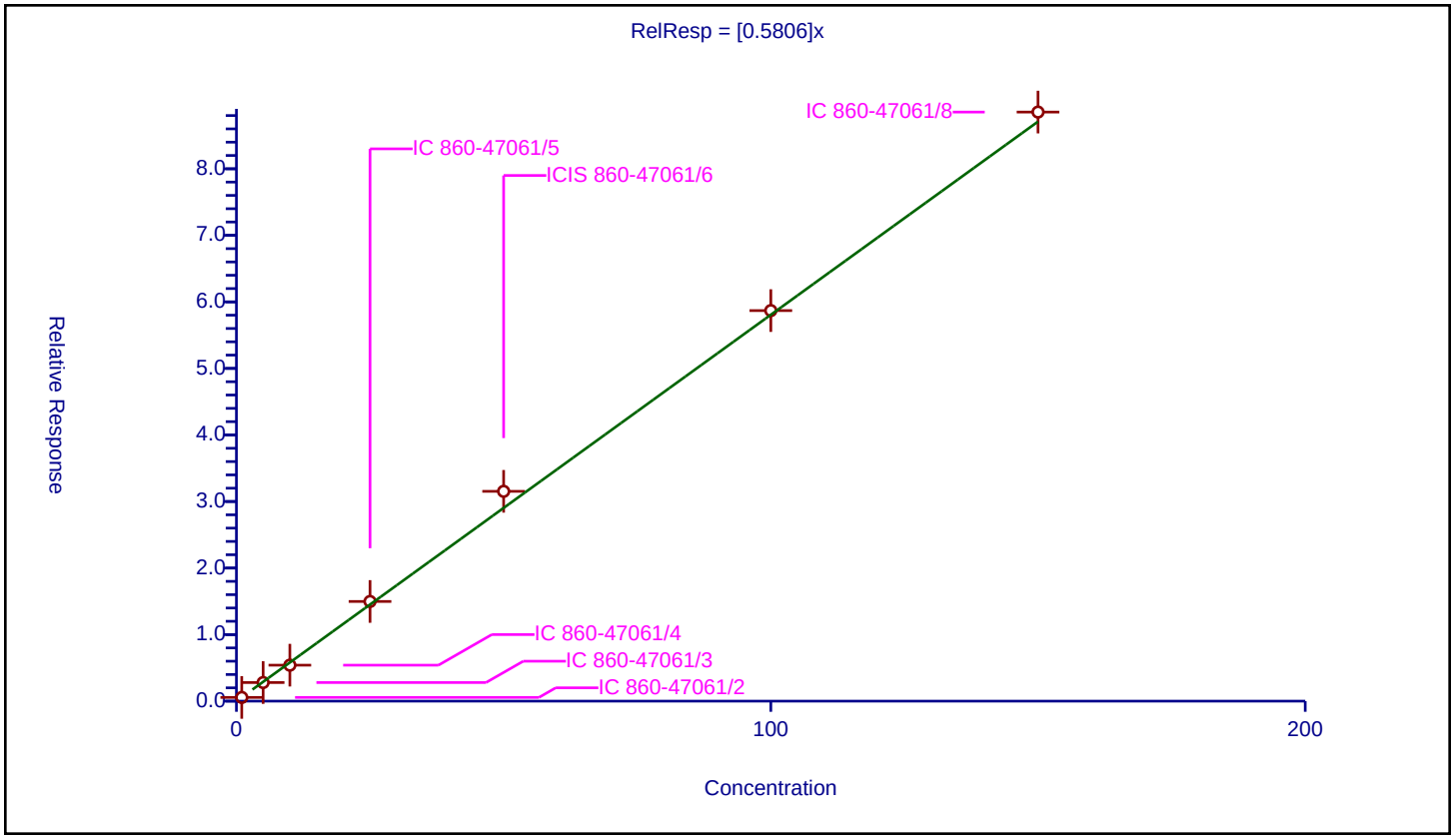
Curve Coefficients

Intercept:	0
Slope:	0.5806

Error Coefficients

Standard Error:	435000
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 860-47061/2	1.0	0.557572	50.0	463797.0	0.557572	Y
2	IC 860-47061/3	5.0	2.795941	50.0	452674.0	0.559188	Y
3	IC 860-47061/4	10.0	5.407058	50.0	448155.0	0.540706	Y
4	IC 860-47061/5	25.0	14.979796	50.0	452633.0	0.599192	Y
5	ICIS 860-47061/6	50.0	31.529641	50.0	466580.0	0.630593	Y
6	IC 860-47061/7	100.0	58.689903	50.0	475713.0	0.586899	Y
7	IC 860-47061/8	150.0	88.523795	50.0	477000.0	0.590159	Y



Calibration / 2-Methylnaphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

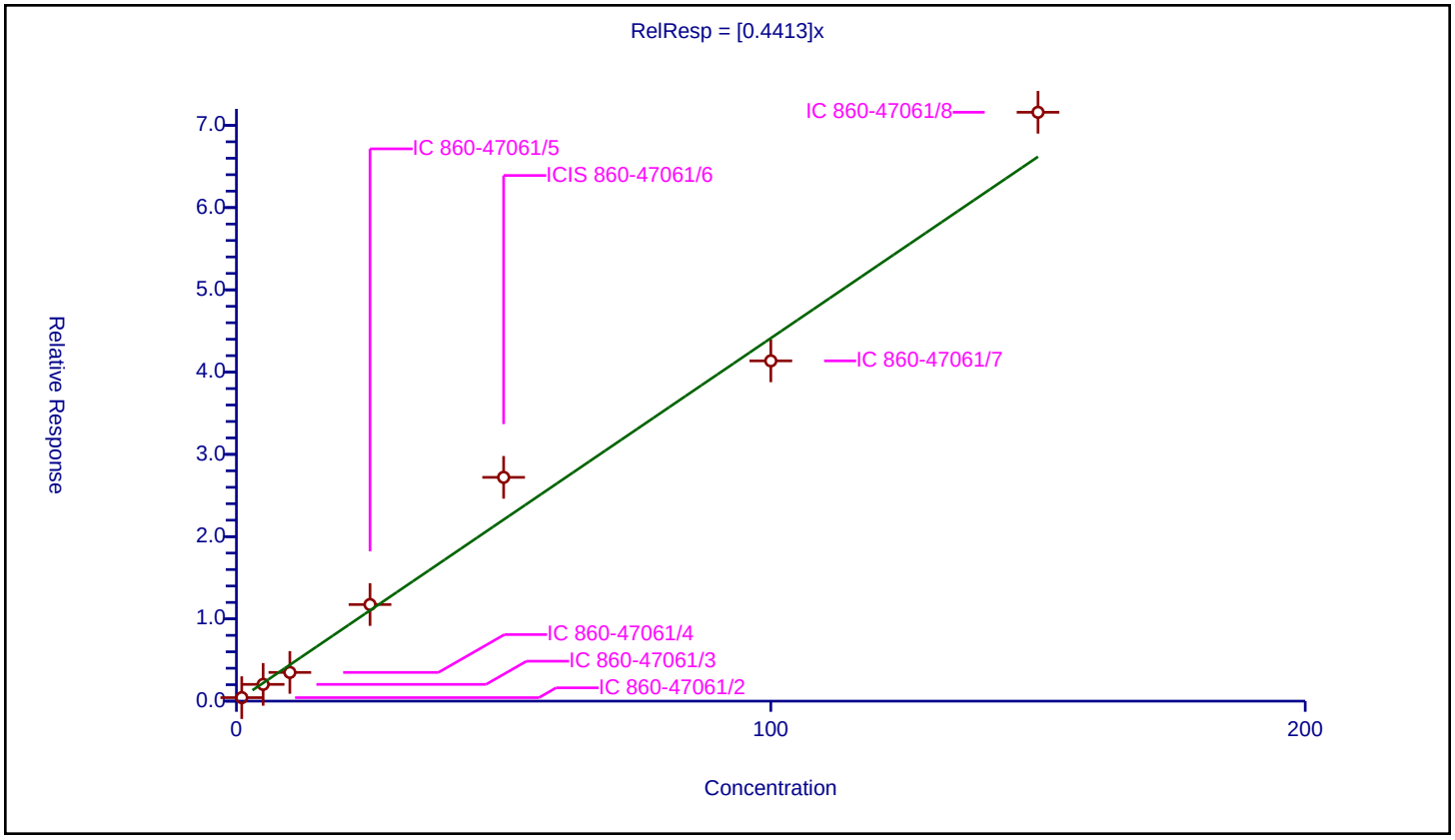
Curve Coefficients

Intercept:	0
Slope:	0.4413

Error Coefficients

Standard Error:	341000
Relative Standard Error:	14.1
Correlation Coefficient:	0.990
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-47061/2	1.0	0.426911	50.0	463797.0	0.426911	Y
2	IC 860-47061/3	5.0	2.03789	50.0	452674.0	0.407578	Y
3	IC 860-47061/4	10.0	3.493211	50.0	448155.0	0.349321	Y
4	IC 860-47061/5	25.0	11.746713	50.0	452633.0	0.469869	Y
5	ICIS 860-47061/6	50.0	27.207874	50.0	466580.0	0.544157	Y
6	IC 860-47061/7	100.0	41.36822	50.0	475713.0	0.413682	Y
7	IC 860-47061/8	150.0	71.588679	50.0	477000.0	0.477258	Y



Calibration / 1-Methylnaphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

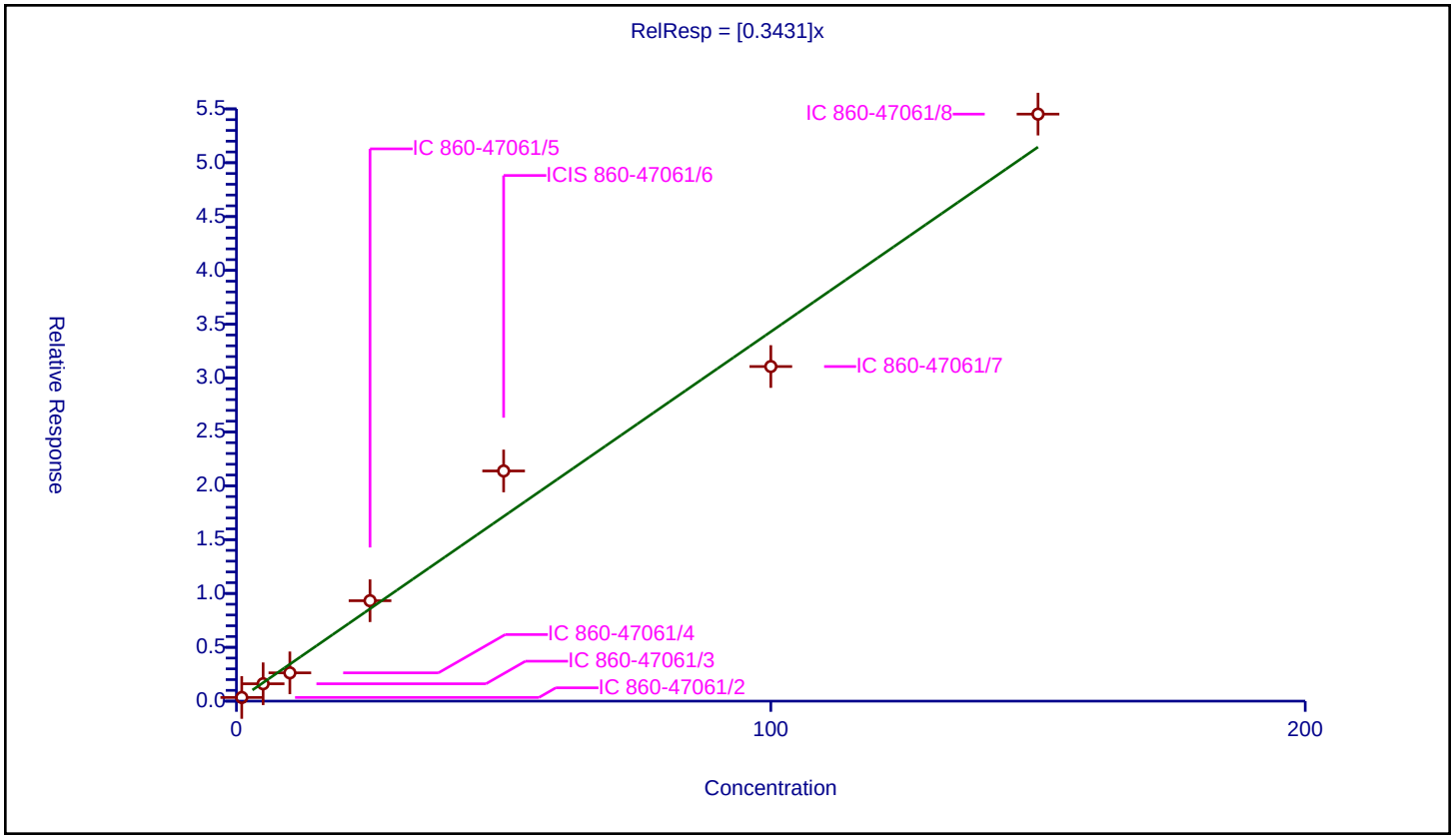
Curve Coefficients

Intercept:	0
Slope:	0.3431

Error Coefficients

Standard Error:	260000
Relative Standard Error:	15.2
Correlation Coefficient:	0.986
Coefficient of Determination (Adjusted):	0.974

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-47061/2	1.0	0.341098	50.0	463797.0	0.341098	Y
2	IC 860-47061/3	5.0	1.614628	50.0	452674.0	0.322926	Y
3	IC 860-47061/4	10.0	2.627774	50.0	448155.0	0.262777	Y
4	IC 860-47061/5	25.0	9.325657	50.0	452633.0	0.373026	Y
5	ICIS 860-47061/6	50.0	21.376184	50.0	466580.0	0.427524	Y
6	IC 860-47061/7	100.0	31.074513	50.0	475713.0	0.310745	Y
7	IC 860-47061/8	150.0	54.515618	50.0	477000.0	0.363437	Y



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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Houston Job No.: 860-24865-1 Analy Batch No.: 49353

SDG No.:

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2022 08:15 Calibration End Date: 04/19/2022 10:48 Calibration ID: 2904

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-49353/3	04192204.D
Level 2	IC 860-49353/4	04192205.D
Level 3	IC 860-49353/5	04192206.D
Level 4	IC 860-49353/6	04192207.D
Level 5	ICIS 860-49353/7	04192208.D
Level 6	IC 860-49353/8	04192209.D
Level 7	IC 860-49353/9	04192210.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	1.8664 0.6433	0.9610 0.6620	0.9170	0.7717	0.6965	Lin1	1.3973	0.6563				15.9			0.9970		0.9900
Dichlorodifluoromethane	0.5999 0.5104	0.6052 0.5326	0.5445	0.5517	0.5425	Ave		0.5553				6.3		20.0			
Chloromethane	1.6509 1.2413	1.3392 1.2827	1.3675	1.3180	1.2866	Ave		1.3552				10.1		20.0			
Vinyl chloride	1.0895 0.8764	0.9548 0.9313	0.8815	0.9144	0.8981	Ave		0.9352				7.9		20.0			
1,3-Butadiene	1.4356 1.0191	1.1198 1.0851	1.0728	1.0798	1.0490	Ave		1.1230				12.6		20.0			
Ethylene oxide	0.4582 0.2917	0.3403 0.2825	0.3172	0.2962	0.3005	Ave		0.3267				18.7		20.0			
Bromomethane	0.6516 0.4247	0.4634 0.4421	0.4214	0.4338	0.4168	Ave		0.4648				18.0		20.0			
Chloroethane	0.5859 0.4785	0.4813 0.5105	0.4692	0.4723	0.4693	Ave		0.4953				8.6		20.0			
Trichlorofluoromethane	1.2105 0.9945	1.0690 1.0200	1.0429	1.0529	1.0212	Ave		1.0587				6.7		20.0			
Acrolein	0.3038 0.1576	0.1871 0.1517	0.1701	0.1547	0.1594	Lin1	0.7726	0.1531				2.5			1.0000		0.9900
1,1-Dichloroethene	0.5736 0.4260	0.4733 0.4342	0.4241	0.4368	0.4246	Ave		0.4561				12.0		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.3519 0.3141	0.3413 0.3224	0.3065	0.3236	0.3031	Ave		0.3233				5.5		20.0			
Acetone	0.1596 0.0854	0.0895 0.0795	0.0894	0.0790	0.0840	Lin1	0.3594	0.0811				6.1			0.9990		0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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Received by OCD: 3/30/2023 11:30:39 AM

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Houston Job No.: 860-24865-1 Analy Batch No.: 49353

SDG No.:

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2022 08:15 Calibration End Date: 04/19/2022 10:48 Calibration ID: 2904

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)	0.1223 0.5580	0.2859 0.5896	0.3367	0.4302	0.5121	Lin1	-0.790	0.5603				32.9			0.9910		0.9900
Carbon disulfide	2.3106 1.3966	1.4516 1.4162	1.3853	1.4128	1.3886	Lin1	0.7323	1.3934				7.1			1.0000		0.9900
Isopropyl alcohol	0.1340 0.0677	0.0687 0.0599	0.0709	0.0551	0.0601	Lin1	0.6389	0.0612				11.3			0.9940		0.9900
Allyl Chloride (3-Chloropropene)	0.3149 0.2933	0.2733 0.3034	0.2674	0.2754	0.2498	Ave		0.2825				8.0		20.0			
Acetonitrile	0.1815 0.0985	0.1025 0.0922	0.0993	0.0917	0.0957	Lin1	0.7738	0.0936				6.8			0.9990		0.9900
Methyl acetate	1.3248 0.8685	0.8669 0.8561	0.8454	0.8020	0.8523	Ave		0.9166				19.8		20.0			
Methylene Chloride	0.8907 0.5079	0.5735 0.5164	0.4953	0.5013	0.5049	Lin1	0.3268	0.5057				6.7			0.9990		0.9900
tert-Butyl alcohol	0.1604 0.1036	0.0951 0.0916	0.0960	0.0785	0.0862	Lin1	0.4473	0.0928				15.2			0.9920		0.9900
trans-1,2-Dichloroethene	0.7064 0.5024	0.5241 0.5205	0.5074	0.4904	0.5011	Ave		0.5360				14.2		20.0			
Acrylonitrile	0.6896 0.4557	0.4570 0.4400	0.4489	0.4256	0.4382	Ave		0.4793				19.5		20.0			
MTBE	2.7672 1.8498	1.9222 1.8358	1.8343	1.7663	1.8040	Ave		1.9685				18.1		20.0			
n-Hexane	2.0873 1.2503	1.4469 1.2690	1.2554	1.3054	1.2463	Lin1	0.8016	1.2510				3.5			1.0000		0.9900
1,1-Dichloroethane	2.3420 1.4916	1.5654 1.5324	1.4411	1.4738	1.4415	Lin1	0.6220	1.4902				8.2			0.9990		0.9900
Vinyl acetate	5.0476 3.1187	3.3061 3.0495	3.1333	3.0297	3.0650	Lin1	8.8037	3.0466				4.3			1.0000		0.9900
Chloroprene	2.7188 1.7375	1.7719 1.7453	1.7073	1.7070	1.6889	Lin1	0.7609	1.7185				7.3			1.0000		0.9900
Isopropyl ether	6.8940 4.2650	4.4490 4.2458	4.2535	4.2549	4.1734	Lin1	2.2453	4.2064				5.6			1.0000		0.9900
Ethyl tert-butyl ether	5.2707 3.3570	3.5250 3.3906	3.3135	3.2706	3.2682	Lin1	1.5257	3.3279				6.6			0.9990		0.9900
2,2-Dichloropropane	1.8446 1.1531	1.2319 1.1727	1.1311	1.1509	1.1310	Lin1	0.5590	1.1494				6.3			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 Houston Job No.: 860-24865-1 Analy Batch No.: 49353

SDG No.:

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2022 08:15 Calibration End Date: 04/19/2022 10:48 Calibration ID: 2904

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	2.2985 1.4689	1.5467 1.4796	1.4486	1.4506	1.4188	Ave		1.5874				19.9		20.0			
2-Butanone	0.1116 0.0704	0.0691 0.0659	0.0649	0.0625	0.0677	Lin1	0.1638	0.0667				10.2			0.9980		0.9900
Ethyl acetate	2.0567 1.3221	1.3372 1.3038	1.3192	1.2153	1.3105	Lin1	1.1634	1.2949				7.7			0.9990		0.9900
Propane Nitrile (Propionitrile)	0.3138 0.1877	0.1886 0.1789	0.1895	0.1721	0.1819	Lin1	1.1090	0.1800				7.5			0.9990		0.9900
Bromochloromethane	0.5716 0.3870	0.3973 0.3857	0.3756	0.3828	0.3757	Ave		0.4108				17.4		20.0			
Methacrylonitrile	0.4824 0.2933	0.3049 0.2836	0.2904	0.2798	0.2868	Lin1	1.6804	0.2843				5.8			1.0000		0.9900
Tetrahydrofuran	0.7207 0.3979	0.4089 0.3807	0.4159	0.3446	0.3998	Lin1	0.5679	0.3825				9.5			0.9980		0.9900
Chloroform	2.0665 1.2084	1.3260 1.2091	1.2432	1.2214	1.1713	Lin1	0.7945	1.1932				3.6			1.0000		0.9900
1,1,1-Trichloroethane	1.9939 1.2191	1.3178 1.2443	1.2021	1.2076	1.1947	Lin1	0.6299	1.2160				6.5			0.9990		0.9900
Cyclohexane	2.2613 0.7491	1.0741 0.7664	0.8826	0.8199	0.7737	Lin1	1.5220	0.7474				2.1			1.0000		0.9900
Carbon tetrachloride	1.4015 1.0252	1.0354 1.0529	0.9816	0.9929	0.9856	Ave		1.0679				14.0		20.0			
1,1-Dichloropropene	1.3835 0.8714	0.9252 0.8834	0.8579	0.8698	0.8497	Lin1	0.4167	0.8667				6.1			1.0000		0.9900
Isobutanol	0.0595 0.0322	0.0324 0.0291	0.0331	0.0263	0.0289	Lin1	0.6337	0.0295				10.9			0.9960		0.9900
Benzene	2.1142 1.3143	1.4198 1.3400	1.3471	1.2891	1.2825	Lin1	0.6807	1.3100				5.0			0.9990		0.9900
1,2-Dichloroethane	1.2497 0.8280	0.8668 0.8459	0.8224	0.8041	0.8071	Ave		0.8891				18.0		20.0			
2,2,4-Trimethylpentane	3.1202 1.9418	2.2230 1.9971	2.0013	1.9791	1.9354	Ave		2.1711				19.8		20.0			
Tert-amyl methyl ether	1.9603 1.2124	1.2940 1.2085	1.2142	1.1879	1.1761	Lin1	0.6523	1.1936				5.1			1.0000		0.9900
n-Butanol	0.0660 0.0377	0.0394 0.0342	0.0430	0.0305	0.0341	Lin1	0.7492	0.0348				10.7			0.9950		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 Houston Job No.: 860-24865-1 Analy Batch No.: 49353

SDG No.:

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2022 08:15 Calibration End Date: 04/19/2022 10:48 Calibration ID: 2904

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	0.4803 0.3401	0.3634 0.3418	0.3334	0.3243	0.3288	Ave		0.3589				15.3		20.0			
Methylcyclohexane	0.8284 0.5492	0.6030 0.5676	0.5494	0.5471	0.5387	Ave		0.5976				17.4		20.0			
1,2-Dichloropropane	0.8232 0.5160	0.5233 0.5199	0.5043	0.5071	0.4983	Lin1	0.2321	0.5104				8.3			0.9990		0.9900
Dibromomethane	0.4065 0.2527	0.2584 0.2543	0.2498	0.2456	0.2488	Lin1	0.1191	0.2503				7.8			1.0000		0.9900
Methyl methacrylate	0.4961 0.2738	0.2908 0.2678	0.2887	0.2603	0.2678	Lin1	0.4070	0.2665				5.8			1.0000		0.9900
1,4-Dioxane (P-Dioxane)	+++++ 0.0032	0.0028 0.0030	0.0036	0.0024	0.0027	Ave		0.0030				13.5		20.0			
Bromodichloromethane	0.9486 0.6104	0.6480 0.6221	0.5972	0.5874	0.5863	Ave		0.6572				19.8		20.0			
2-Chloroethyl vinyl ether	0.5604 0.3657	0.3579 0.3721	0.3389	0.3368	0.3569	Lin1	0.1098	0.3625				12.8			0.9980		0.9900
cis-1,3-Dichloropropene	1.0804 0.6727	0.6910 0.6833	0.6624	0.6531	0.6484	Lin1	0.3054	0.6673				8.4			0.9990		0.9900
4-Methyl-2-pentanone	1.3243 0.7313	0.7470 0.7095	0.7403	0.6737	0.7187	Lin1	2.5126	0.7076				9.0			0.9990		0.9900
Toluene	1.5660 0.9189	1.0295 0.9214	0.9469	0.9119	0.9022	Lin1	0.6059	0.9090				3.1			1.0000		0.9900
trans-1,3-Dichloropropene	1.1217 0.7192	0.7659 0.7106	0.7397	0.6819	0.7053	Ave		0.7778				19.8		20.0			
Ethyl methacrylate	0.9653 0.5159	0.5702 0.5036	0.5420	0.4975	0.5167	Lin1	0.4268	0.5034				4.2			1.0000		0.9900
1,1,2-Trichloroethane	0.4605 0.2825	0.3175 0.2806	0.2970	0.2742	0.2774	Lin1	0.1763	0.2781				2.3			1.0000		0.9900
Tetrachloroethene	0.3884 0.2839	0.3137 0.2824	0.2897	0.2816	0.2743	Ave		0.3020				13.3		20.0			
1,3-Dichloropropane	1.0410 0.6119	0.6384 0.6064	0.6216	0.5915	0.5961	Lin1	0.3680	0.6001				6.5			1.0000		0.9900
2-Hexanone	1.0210 0.5369	0.5659 0.5057	0.5504	0.4849	0.5303	Lin1	2.2330	0.5115				7.7			0.9990		0.9900
Dibromochloromethane	0.7375 0.4578	0.4754 0.4551	0.4668	0.4383	0.4503	Lin1	0.2378	0.4506				5.9			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 Houston Job No.: 860-24865-1 Analy Batch No.: 49353

SDG No.:

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2022 08:15 Calibration End Date: 04/19/2022 10:48 Calibration ID: 2904

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-Dibromoethane	0.5844 0.3683	0.3864 0.3589	0.3727	0.3501	0.3592	Lin1	0.1966	0.3585				4.6			1.0000		0.9900
1-Chlorohexane	2.2195 0.7131	0.9527 0.7142	0.8015	0.7171	0.7011	Lin1	1.4281	0.6933				7.4			0.9990		0.9900
Chlorobenzene	1.7229 0.9952	1.0786 0.9966	0.9934	0.9605	0.9783	Lin1	0.6219	0.9813				6.5			1.0000		0.9900
1,1,1,2-Tetrachloroethane	0.6851 0.4174	0.4593 0.4204	0.4137	0.4093	0.4091	Lin1	0.2328	0.4134				5.2			1.0000		0.9900
Ethylbenzene	2.9854 1.8787	1.9956 1.8873	1.8919	1.8341	1.8509	Lin1	0.9412	1.8612				5.1			1.0000		0.9900
m,p-Xylenes	2.4304 1.5057	1.6492 1.5158	1.5415	1.4622	1.4917	Lin1	0.8282	1.4938				4.0			1.0000		0.9900
o-Xylene	2.5282 1.5918	1.6497 1.5917	1.5919	1.5258	1.5376	Lin1	0.7613	1.5669				6.7			0.9990		0.9900
Styrene	1.8389 1.1387	1.2004 1.1522	1.1403	1.0895	1.0978	Lin1	0.5607	1.1266				7.1			0.9990		0.9900
Bromoform	0.4526 0.3022	0.3071 0.2975	0.3033	0.2719	0.2904	Ave		0.3179				19.1		20.0			
Isopropylbenzene	2.6821 1.8021	1.8883 1.8075	1.7762	1.7294	1.7388	Ave		1.9178				17.8		20.0			
Cyclohexanone	0.0514 0.0243	0.0269 0.0216	0.0263	0.0202	0.0222	Lin1	1.3824	0.0221				8.8			0.9950		0.9900
Bromobenzene	1.2330 0.8269	0.9071 0.8511	0.8669	0.8085	0.8338	Ave		0.9039				16.4		20.0			
1,1,2,2-Tetrachloroethane	1.6155 0.8896	1.0000 0.8967	0.9473	0.8230	0.8850	Lin1	0.6560	0.8791				5.9			0.9990		0.9900
1,2,3-Trichloropropane	2.0216 1.1499	1.2608 1.1680	1.2572	1.0658	1.1612	Lin1	0.7783	1.1447				6.2			0.9990		0.9900
trans-1,4-Dichloro-2-butene	0.7534 0.5022	0.5074 0.5016	0.5123	0.4372	0.4967	Ave		0.5301				19.2		20.0			
N-Propylbenzene	6.9292 4.1966	4.7198 4.3933	4.5085	4.1444	4.2098	Lin1	2.4001	4.2568				4.1			0.9990		0.9900
2-Chlorotoluene	5.2820 3.0349	3.3883 3.1500	3.2193	2.9428	3.0547	Lin1	1.9304	3.0592				5.4			0.9990		0.9900
4-Ethyltoluene	5.6009 3.5724	3.9359 3.7162	3.8467	3.4768	3.5858	Ave		3.9621				18.7		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 Houston Job No.: 860-24865-1 Analy Batch No.: 49353

SDG No.:

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2022 08:15 Calibration End Date: 04/19/2022 10:48 Calibration ID: 2904

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								
1,3,5-Trimethylbenzene	4.8011 2.9780	3.2562 3.0957	3.3009	2.8710	2.9943	Lin1	1.6179	3.0100				4.8			0.9990		0.9900
4-Chlorotoluene	5.3139 3.0889	3.4726 3.2232	3.3633	2.9819	3.0889	Lin1	1.9550	3.1202				5.0			0.9990		0.9900
tert-Butylbenzene	3.8954 2.4780	2.7460 2.5653	2.6318	2.3932	2.4775	Ave		2.7410				19.0		20.0			
1,2,4-Trimethylbenzene	4.7206 3.0456	3.3165 3.1867	3.2054	2.9623	3.0409	Ave		3.3540				18.3		20.0			
sec-Butylbenzene	5.4477 3.5500	3.8777 3.7124	3.7680	3.4048	3.5322	Ave		3.8990				18.0		20.0			
1,3-Dichlorobenzene	2.6808 1.5442	1.7150 1.6016	1.6515	1.4778	1.5332	Lin1	0.9737	1.5519				5.9			0.9990		0.9900
p-Cymene (p-Isopropyltoluene)	4.9151 3.1501	3.4583 3.2902	3.3068	2.9866	3.1406	Ave		3.4640				19.0		20.0			
1,4-Dichlorobenzene	2.6205 1.5394	1.7742 1.6020	1.6491	1.4750	1.5346	Lin1	0.9694	1.5514				4.8			0.9990		0.9900
Dicyclopentadiene	7.1139 4.2693	5.0025 4.4641	4.7169	4.2185	4.3284	Lin1	2.7319	4.3361				3.3			0.9990		0.9900
Benzyl chloride	0.6869 0.3839	0.4265 0.3869	0.4198	0.3512	0.3785	Lin1	0.2771	0.3789				6.2			0.9990		0.9900
n-Butylbenzene	4.5568 3.0915	3.2292 3.2569	3.0643	2.8938	3.0180	Ave		3.3015				17.2		20.0			
1,2-Dichlorobenzene	2.6132 1.4729	1.6279 1.5303	1.5621	1.3746	1.4656	Lin1	0.9407	1.4788				7.6			0.9990		0.9900
1,2-Dibromo-3-Chloropropane	0.2096 0.1899	0.1645 0.1863	0.2039	0.1642	0.1813	Ave		0.1857				9.5		20.0			
1,2,4-Trichlorobenzene	1.3297 0.9652	0.8947 0.9894	0.9278	0.8528	0.9109	Ave		0.9815				16.3		20.0			
Hexachlorobutadiene	0.6070 0.4609	0.4734 0.4850	0.4520	0.4234	0.4415	Ave		0.4776				12.7		20.0			
Naphthalene	2.9284 2.3001	2.0468 2.2336	2.2318	1.9088	2.0916	Ave		2.2487				14.6		20.0			
1,2,3-Trichlorobenzene	1.0195 0.8102	0.7315 0.8128	0.7917	0.6839	0.7430	Ave		0.7989				13.5		20.0			
2-Methylnaphthalene	0.6889 0.9260	0.5593 0.8229	0.7596	0.6007	0.7102	Ave		0.7239				17.4		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 Houston Job No.: 860-24865-1 Analy Batch No.: 49353

SDG No.:

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2022 08:15 Calibration End Date: 04/19/2022 10:48 Calibration ID: 2904

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-Methylnaphthalene	0.4960 0.7150	0.4571 0.6291	0.6099	0.4702	0.5584	Ave		0.5622				16.9		20.0			
Dibromofluoromethane (Surr)	0.5909 0.5891	0.5901 0.5935	0.5859	0.5909	0.5843	Ave		0.5892				0.5		20.0			
1,2-Dichloroethane-d4 (Surr)	0.6078 0.6285	0.6151 0.6203	0.6244	0.6072	0.6191	Ave		0.6175				1.3		20.0			
Toluene-d8 (Surr)	1.3913 1.3478	1.3920 1.3308	1.3715	1.3488	1.3593	Ave		1.3630				1.7		20.0			
4-Bromofluorobenzene (Surr)	1.1339 1.1056	1.1331 1.1246	1.1442	1.1099	1.1413	Ave		1.1275				1.3		20.0			

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Received by OCD: 3/30/2023 11:30:39 AM

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Houston Job No.: 860-24865-1 Analy Batch No.: 49353

SDG No.:

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2022 08:15 Calibration End Date: 04/19/2022 10:48 Calibration ID: 2904

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-49353/3	04192204.D
Level 2	IC 860-49353/4	04192205.D
Level 3	IC 860-49353/5	04192206.D
Level 4	IC 860-49353/6	04192207.D
Level 5	ICIS 860-49353/7	04192208.D
Level 6	IC 860-49353/8	04192209.D
Level 7	IC 860-49353/9	04192210.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	8375 261968	21586 403210	41106	83473	146418	1.00 100	5.00 150	10.0	25.0	50.0
Dichlorodifluoromethane	PFB	Ave	2692 207864	13594 324363	24408	59672	114052	1.00 100	5.00 150	10.0	25.0	50.0
Chloromethane	PFB	Ave	7408 505507	30081 781238	61304	142564	270477	1.00 100	5.00 150	10.0	25.0	50.0
Vinyl chloride	PFB	Ave	4889 356921	21445 567232	39518	98906	188795	1.00 100	5.00 150	10.0	25.0	50.0
1,3-Butadiene	PFB	Ave	6442 415003	25152 660870	48090	116803	220521	1.00 100	5.00 150	10.0	25.0	50.0
Ethylene oxide	PFB	Ave	10280 593869	38218 860243	71102	160203	315866	5.00 500	25.0 750	50.0	125	250
Bromomethane	PFB	Ave	2924 172952	10409 269239	18889	46925	87615	1.00 100	5.00 150	10.0	25.0	50.0
Chloroethane	PFB	Ave	2629 194870	10810 310902	21033	51092	98648	1.00 100	5.00 150	10.0	25.0	50.0
Trichlorofluoromethane	PFB	Ave	5432 405000	24011 621253	46750	113887	214667	1.00 100	5.00 150	10.0	25.0	50.0
Acrolein	PFB	Lin1	6816 320956	21009 461814	38137	83683	167581	5.00 500	25.0 750	50.0	125	250
1,1-Dichloroethene	PFB	Ave	2574 173493	10632 264465	19011	47245	89259	1.00 100	5.00 150	10.0	25.0	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	PFB	Ave	1579 127921	7666 196336	13740	35006	63708	1.00 100	5.00 150	10.0	25.0	50.0
Acetone	PFB	Lin1	3580 173879	10053 242234	20040	42733	88277	5.00 500	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 Houston Job No.: 860-24865-1 Analy Batch No.: 49353

SDG No.:

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2022 08:15 Calibration End Date: 04/19/2022 10:48 Calibration ID: 2904

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	549 227223	6422 359120	15093	46537	107645	1.00 100	5.00 150	10.0	25.0	50.0
Carbon disulfide	PFB	Lin1	10368 568739	32604 862552	62099	152823	291919	1.00 100	5.00 150	10.0	25.0	50.0
Isopropyl alcohol	PFB	Lin1	6015 275893	15436 364617	31801	59577	126333	10.0 1000	50.0 1500	100	250	500
Allyl Chloride (3-Chloropropene)	PFB	Ave	1413 119446	6139 184793	11989	29791	52506	1.00 100	5.00 150	10.0	25.0	50.0
Acetonitrile	PFB	Lin1	8145 401068	23031 561670	44508	99217	201165	10.0 1000	50.0 1500	100	250	500
Methyl acetate	PFB	Ave	11889 707416	38945 1042833	75794	173503	358349	2.00 200	10.0 300	20.0	50.0	100
Methylene Chloride	PFB	Lin1	3997 206857	12881 314518	22204	54222	106140	1.00 100	5.00 150	10.0	25.0	50.0
tert-Butyl alcohol	PFB	Lin1	7196 421955	21371 557976	43042	84933	181109	10.0 1000	50.0 1500	100	250	500
trans-1,2-Dichloroethene	PFB	Ave	3170 204588	11771 316989	22745	53047	105348	1.00 100	5.00 150	10.0	25.0	50.0
Acrylonitrile	PFB	Ave	30943 1855843	102648 2679853	201216	460378	921196	10.0 1000	50.0 1500	100	250	500
MTBE	PFB	Ave	12417 753311	43175 1118097	82228	191062	379241	1.00 100	5.00 150	10.0	25.0	50.0
n-Hexane	PFB	Lin1	9366 509154	32498 772872	56277	141202	261991	1.00 100	5.00 150	10.0	25.0	50.0
1,1-Dichloroethane	PFB	Lin1	10509 607447	35161 933288	64603	159416	303036	1.00 100	5.00 150	10.0	25.0	50.0
Vinyl acetate	PFB	Lin1	113248 6350383	371292 9286531	702304	1638592	3221592	5.00 500	25.0 750	50.0	125	250
Chloroprene	PFB	Lin1	12200 707594	39798 1062968	76536	184642	355045	1.00 100	5.00 150	10.0	25.0	50.0
Isopropyl ether	PFB	Lin1	30935 1736887	99931 2585902	190676	460239	877326	1.00 100	5.00 150	10.0	25.0	50.0
Ethyl tert-butyl ether	PFB	Lin1	23651 1367090	79176 2065038	148536	353776	687036	1.00 100	5.00 150	10.0	25.0	50.0
2,2-Dichloropropane	PFB	Lin1	8277 469594	27669 714250	50707	124495	237764	1.00 100	5.00 150	10.0	25.0	50.0

Released to Imaging: 3/4/2024 2:02:33 PM

Received by OCD: 3/30/2023 11:30:39 AM

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Houston Job No.: 860-24865-1 Analy Batch No.: 49353

SDG No.:

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2022 08:15 Calibration End Date: 04/19/2022 10:48 Calibration ID: 2904

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	10314 598210	34740 901159	64938	156909	298251	1.00 100	5.00 150	10.0	25.0	50.0
2-Butanone	PFB	Lin1	2504 143269	7765 200817	14546	33815	71181	5.00 500	25.0 750	50.0	125	250
Ethyl acetate	PFB	Lin1	18458 1076789	60068 1588144	118279	262914	550992	2.00 200	10.0 300	20.0	50.0	100
Propane Nitrile (Propionitrile)	PFB	Lin1	14083 764283	42372 1089635	84964	186165	382338	10.0 1000	50.0 1500	100	250	500
Bromochloromethane	PFB	Ave	2565 157590	8924 234938	16837	41410	78988	1.00 100	5.00 150	10.0	25.0	50.0
Methacrylonitrile	PFB	Lin1	21647 1194349	68489 1727010	130163	302618	602971	10.0 1000	50.0 1500	100	250	500
Tetrahydrofuran	PFB	Lin1	6468 324043	18370 463780	37289	74550	168092	2.00 200	10.0 300	20.0	50.0	100
Chloroform	PFB	Lin1	9273 492115	29783 736383	55732	132119	246241	1.00 100	5.00 150	10.0	25.0	50.0
1,1,1-Trichloroethane	PFB	Lin1	8947 496473	29600 757826	53886	130621	251145	1.00 100	5.00 150	10.0	25.0	50.0
Cyclohexane	PFB	Lin1	10147 305076	24126 466804	39565	88689	162651	1.00 100	5.00 150	10.0	25.0	50.0
Carbon tetrachloride	PFB	Ave	6289 417500	23257 641264	44004	107398	207191	1.00 100	5.00 150	10.0	25.0	50.0
1,1-Dichloropropene	PFB	Lin1	6208 354880	20780 538048	38458	94082	178621	1.00 100	5.00 150	10.0	25.0	50.0
Isobutanol	DFBZ	Lin1	11079 550562	30647 739429	61325	119563	253903	25.0 2500	125 3750	250	625	1250
Benzene	DFBZ	Lin1	15757 899523	53716 1361432	99883	234243	451376	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dichloroethane	DFBZ	Ave	9314 566686	32793 859412	60981	146112	284047	1.00 100	5.00 150	10.0	25.0	50.0
2,2,4-Trimethylpentane	DFBZ	Ave	23255 1329013	84102 2028995	148395	359625	681163	1.00 100	5.00 150	10.0	25.0	50.0
Tert-amyl methyl ether	DFBZ	Lin1	14610 829766	48955 1227787	90029	215843	413918	1.00 100	5.00 150	10.0	25.0	50.0
n-Butanol	DCBd 4	Lin1	5856	17492	36305	68507	143921	24.8	124	248	620	1240

Released to Imaging: 3/4/2024 2:02:33 PM

Received by OCD: 3/30/2023 11:30:39 AM

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Houston Job No.: 860-24865-1 Analy Batch No.: 49353

SDG No.:

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2022 08:15 Calibration End Date: 04/19/2022 10:48 Calibration ID: 2904

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
			325997	433190				2480	3720			
Trichloroethene	DFBZ	Ave	3580 232744	13747 347295	24723	58931	115714	1.00 100	5.00 150	10.0	25.0	50.0
Methylcyclohexane	DFBZ	Ave	6174 375882	22814 576694	40739	99407	189586	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dichloropropane	DFBZ	Lin1	6135 353137	19797 528177	37393	92152	175392	1.00 100	5.00 150	10.0	25.0	50.0
Dibromomethane	DFBZ	Lin1	3030 172941	9777 258322	18520	44626	87550	1.00 100	5.00 150	10.0	25.0	50.0
Methyl methacrylate	DFBZ	Lin1	7395 374828	22001 544106	42811	94610	188527	2.00 200	10.0 300	20.0	50.0	100
1,4-Dioxane (P-Dioxane)	DFBZ	Ave	+++++ 43984	2150 60329	5282	8761	19214	+++++ 2000	100 3000	200	500	1000
Bromodichloromethane	DFBZ	Ave	7070 417758	24517 632036	44281	106735	206366	1.00 100	5.00 150	10.0	25.0	50.0
2-Chloroethyl vinyl ether	DFBZ	Lin1	4177 250310	13539 377996	25132	61203	125612	1.00 100	5.00 150	10.0	25.0	50.0
cis-1,3-Dichloropropene	DFBZ	Lin1	8052 460437	26142 694199	49114	118666	228190	1.00 100	5.00 150	10.0	25.0	50.0
4-Methyl-2-pentanone	DFBZ	Lin1	49349 2502469	141304 3604357	274462	612098	1264780	5.00 500	25.0 750	50.0	125	250
Toluene	CBNZ d5	Lin1	11145 613408	36721 931489	66199	160476	304448	1.00 100	5.00 150	10.0	25.0	50.0
trans-1,3-Dichloropropene	CBNZ d5	Ave	7983 480063	27319 718368	51713	120010	238004	1.00 100	5.00 150	10.0	25.0	50.0
Ethyl methacrylate	CBNZ d5	Lin1	6870 344345	20337 509078	37892	87555	174361	1.00 100	5.00 150	10.0	25.0	50.0
1,1,2-Trichloroethane	CBNZ d5	Lin1	3277 188542	11324 283657	20766	48253	93618	1.00 100	5.00 150	10.0	25.0	50.0
Tetrachloroethene	CBNZ d5	Ave	2764 189538	11189 285504	20253	49555	92575	1.00 100	5.00 150	10.0	25.0	50.0

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Received by OCD: 3/30/2023 11:30:39 AM

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Houston Job No.: 860-24865-1 Analy Batch No.: 49353

SDG No.:

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2022 08:15 Calibration End Date: 04/19/2022 10:48 Calibration ID: 2904

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
1,3-Dichloropropane	CBNZ d5	Lin1	7409 408457	22769 613037	43460	104097	201171	1.00 100	5.00 150	10.0	25.0	50.0
2-Hexanone	CBNZ d5	Lin1	36332 1791871	100923 2556187	192399	426697	894837	5.00 500	25.0 750	50.0	125	250
Dibromochloromethane	CBNZ d5	Lin1	5249 305614	16955 460073	32634	77134	151964	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dibromoethane	CBNZ d5	Lin1	4159 245814	13781 362764	26054	61611	121220	1.00 100	5.00 150	10.0	25.0	50.0
1-Chlorohexane	CBNZ d5	Lin1	15796 476025	33981 721967	56036	126203	236608	1.00 100	5.00 150	10.0	25.0	50.0
Chlorobenzene	CBNZ d5	Lin1	12262 664294	38470 1007497	69453	169045	330147	1.00 100	5.00 150	10.0	25.0	50.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Lin1	4876 278608	16381 424945	28924	72029	138070	1.00 100	5.00 150	10.0	25.0	50.0
Ethylbenzene	CBNZ d5	Lin1	21247 1254069	71176 1907863	132269	322778	624629	1.00 100	5.00 150	10.0	25.0	50.0
m,p-Xylenes	CBNZ d5	Lin1	17297 1005075	58821 1532290	107771	257327	503414	1.00 100	5.00 150	10.0	25.0	50.0
o-Xylene	CBNZ d5	Lin1	17993 1062552	58839 1609061	111292	268519	518878	1.00 100	5.00 150	10.0	25.0	50.0
Styrene	CBNZ d5	Lin1	13087 760125	42816 1164805	79722	191738	370467	1.00 100	5.00 150	10.0	25.0	50.0
Bromoform	CBNZ d5	Ave	3221 201702	10952 300739	21206	47854	98003	1.00 100	5.00 150	10.0	25.0	50.0

Released to Imaging: 3/4/2024 2:02:33 PM

Received by OCD: 3/30/2023 11:30:39 AM

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Houston Job No.: 860-24865-1 Analy Batch No.: 49353

SDG No.:

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2022 08:15 Calibration End Date: 04/19/2022 10:48 Calibration ID: 2904

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
Isopropylbenzene	CBNZ d5	Ave	19088 1202904	67349 1827233	124178	304356	586801	1.00 100	5.00 150	10.0	25.0	50.0
Cyclohexanone	CBNZ d5	Lin1	18296 809605	47943 1093957	91983	177465	375126	50.0 5000	250 7500	500	1250	2500
Bromobenzene	DCBd 4	Ave	4412 288441	16231 434320	29536	73277	142011	1.00 100	5.00 150	10.0	25.0	50.0
1,1,2,2-Tetrachloroethane	DCBd 4	Lin1	5781 310304	17893 457616	32276	74595	150715	1.00 100	5.00 150	10.0	25.0	50.0
1,2,3-Trichloropropane	DCBd 4	Lin1	7234 401088	22560 596064	42835	96601	197770	1.00 100	5.00 150	10.0	25.0	50.0
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	2696 175185	9080 255958	17457	39631	84585	1.00 100	5.00 150	10.0	25.0	50.0
N-Propylbenzene	DCBd 4	Lin1	24795 1463824	84454 2241940	153617	375644	716962	1.00 100	5.00 150	10.0	25.0	50.0
2-Chlorotoluene	DCBd 4	Lin1	18901 1058609	60629 1607471	109689	266731	520246	1.00 100	5.00 150	10.0	25.0	50.0
4-Ethyltoluene	DCBd 4	Ave	20042 1246095	70426 1896446	131067	315131	610693	1.00 100	5.00 150	10.0	25.0	50.0
1,3,5-Trimethylbenzene	DCBd 4	Lin1	17180 1038752	58265 1579760	112470	260219	509948	1.00 100	5.00 150	10.0	25.0	50.0
4-Chlorotoluene	DCBd 4	Lin1	19015 1077438	62136 1644822	114597	270272	526070	1.00 100	5.00 150	10.0	25.0	50.0
tert-Butylbenzene	DCBd 4	Ave	13939 864367	49135 1309095	89671	216915	421949	1.00 100	5.00 150	10.0	25.0	50.0

Released to Imaging: 3/4/2024 2:02:33 PM

Received by OCD: 3/30/2023 11:30:39 AM

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Houston Job No.: 860-24865-1 Analy Batch No.: 49353

SDG No.:

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2022 08:15 Calibration End Date: 04/19/2022 10:48 Calibration ID: 2904

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
1,2,4-Trimethylbenzene	DCBd 4	Ave	16892 1062338	59344 1626202	109217	268495	517901	1.00 100	5.00 150	10.0	25.0	50.0
sec-Butylbenzene	DCBd 4	Ave	19494 1238271	69386 1894464	128387	308605	601566	1.00 100	5.00 150	10.0	25.0	50.0
1,3-Dichlorobenzene	DCBd 4	Lin1	9593 538627	30687 817308	56270	133949	261110	1.00 100	5.00 150	10.0	25.0	50.0
p-Cymene (p-Isopropyltoluene)	DCBd 4	Ave	17588 1098783	61880 1679043	112671	270705	534880	1.00 100	5.00 150	10.0	25.0	50.0
1,4-Dichlorobenzene	DCBd 4	Lin1	9377 536952	31746 817541	56188	133694	261352	1.00 100	5.00 150	10.0	25.0	50.0
Dicyclopentadiene	DCBd 4	Lin1	25456 1489190	89511 2278100	160716	382355	737169	1.00 100	5.00 150	10.0	25.0	50.0
Benzyl chloride	DCBd 4	Lin1	2458 133908	7632 197417	14303	31829	64459	1.00 100	5.00 150	10.0	25.0	50.0
n-Butylbenzene	DCBd 4	Ave	16306 1078358	57782 1662059	104407	262291	513989	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dichlorobenzene	DCBd 4	Lin1	9351 513752	29128 780946	53225	124588	249600	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	750 66229	2943 95071	6947	14880	30871	1.00 100	5.00 150	10.0	25.0	50.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	4758 336672	16010 504914	31612	77293	155135	1.00 100	5.00 150	10.0	25.0	50.0
Hexachlorobutadiene	DCBd 4	Ave	2172 160774	8470 247499	15401	38375	75199	1.00 100	5.00 150	10.0	25.0	50.0

Released to Imaging: 3/4/2024 2:02:33 PM

Received by OCD: 3/30/2023 11:30:39 AM

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Houston Job No.: 860-24865-1 Analy Batch No.: 49353

SDG No.:

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2022 08:15 Calibration End Date: 04/19/2022 10:48 Calibration ID: 2904

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	10479 802316	36625 1139817	76042	173009	356224	1.00 100	5.00 150	10.0	25.0	50.0
1,2,3-Trichlorobenzene	DCBd 4	Ave	3648 282598	13089 414772	26975	61986	126546	1.00 100	5.00 150	10.0	25.0	50.0
2-Methylnaphthalene	DCBd 4	Ave	2465 323005	10008 419935	25880	54446	120946	1.00 100	5.00 150	10.0	25.0	50.0
1-Methylnaphthalene	DCBd 4	Ave	1775 249398	8179 321018	20782	42616	95108	1.00 100	5.00 150	10.0	25.0	50.0
Dibromofluoromethane (Surr)	PFB	Ave	132580 119948	132545 120488	131332	127825	122825	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	DFBZ	Ave	226488 215065	232716 210075	231490	220659	217895	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	495073 449824	496473 448433	479421	474741	458717	50.0 50.0	50.0 50.0	50.0	50.0	50.0
4-Bromofluorobenzene (Surr)	DCBd 4	Ave	202878 192819	202749 191300	194933	201197	194369	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: 3/4/2024 2:02:33 PM

Calibration / Propene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

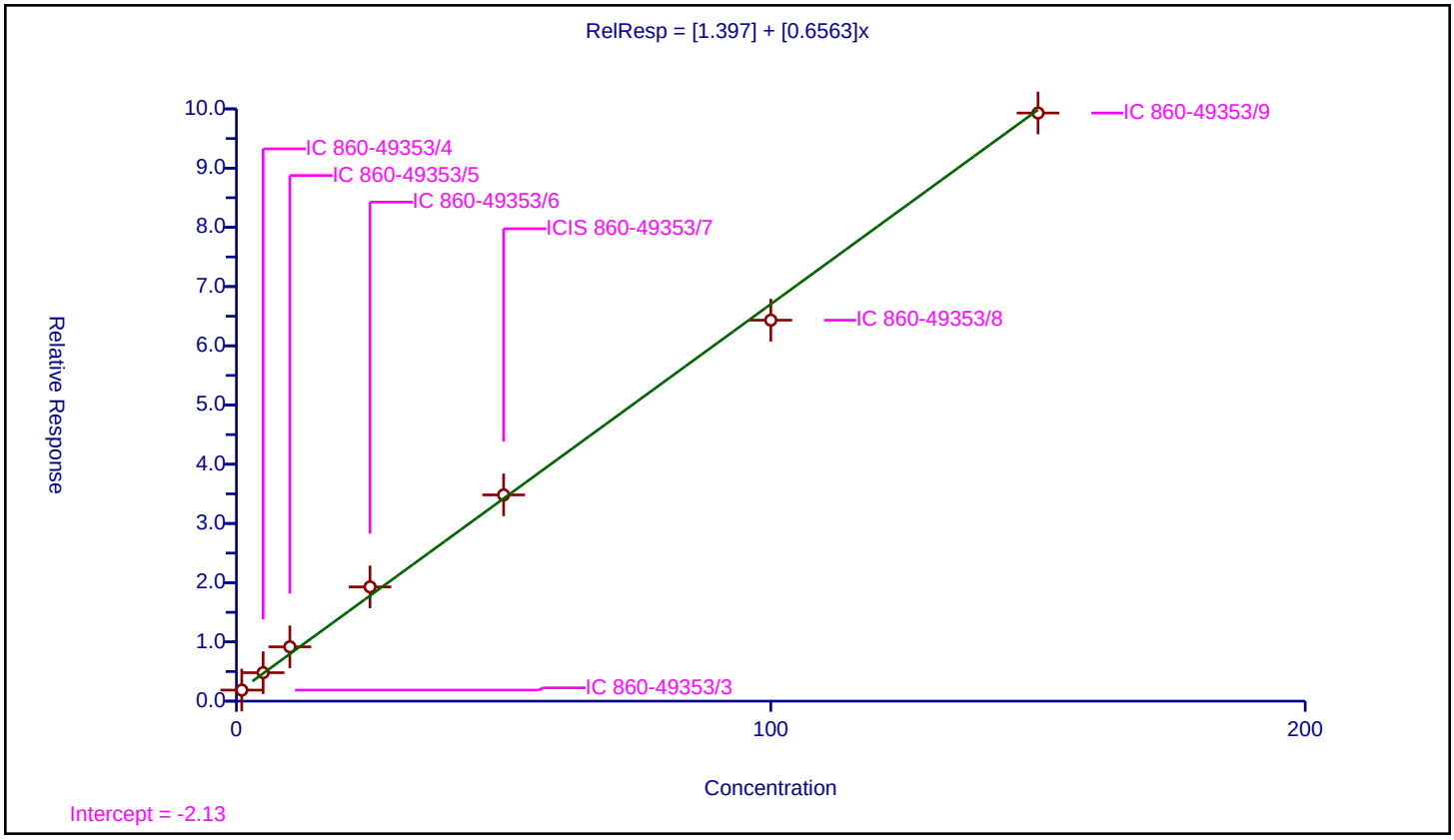
Curve Coefficients

Intercept:	1.397
Slope:	0.6563

Error Coefficients

Standard Error:	229000
Relative Standard Error:	15.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	1.866403	50.0	224362.0	1.866403	Y
2	IC 860-49353/4	5.0	4.805175	50.0	224612.0	0.961035	Y
3	IC 860-49353/5	10.0	9.169674	50.0	224141.0	0.916967	Y
4	IC 860-49353/6	25.0	19.292443	50.0	216336.0	0.771698	Y
5	ICIS 860-49353/7	50.0	34.824945	50.0	210220.0	0.696499	Y
6	IC 860-49353/8	100.0	64.327669	50.0	203620.0	0.643277	Y
7	IC 860-49353/9	150.0	99.304492	50.0	203017.0	0.66203	Y



Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

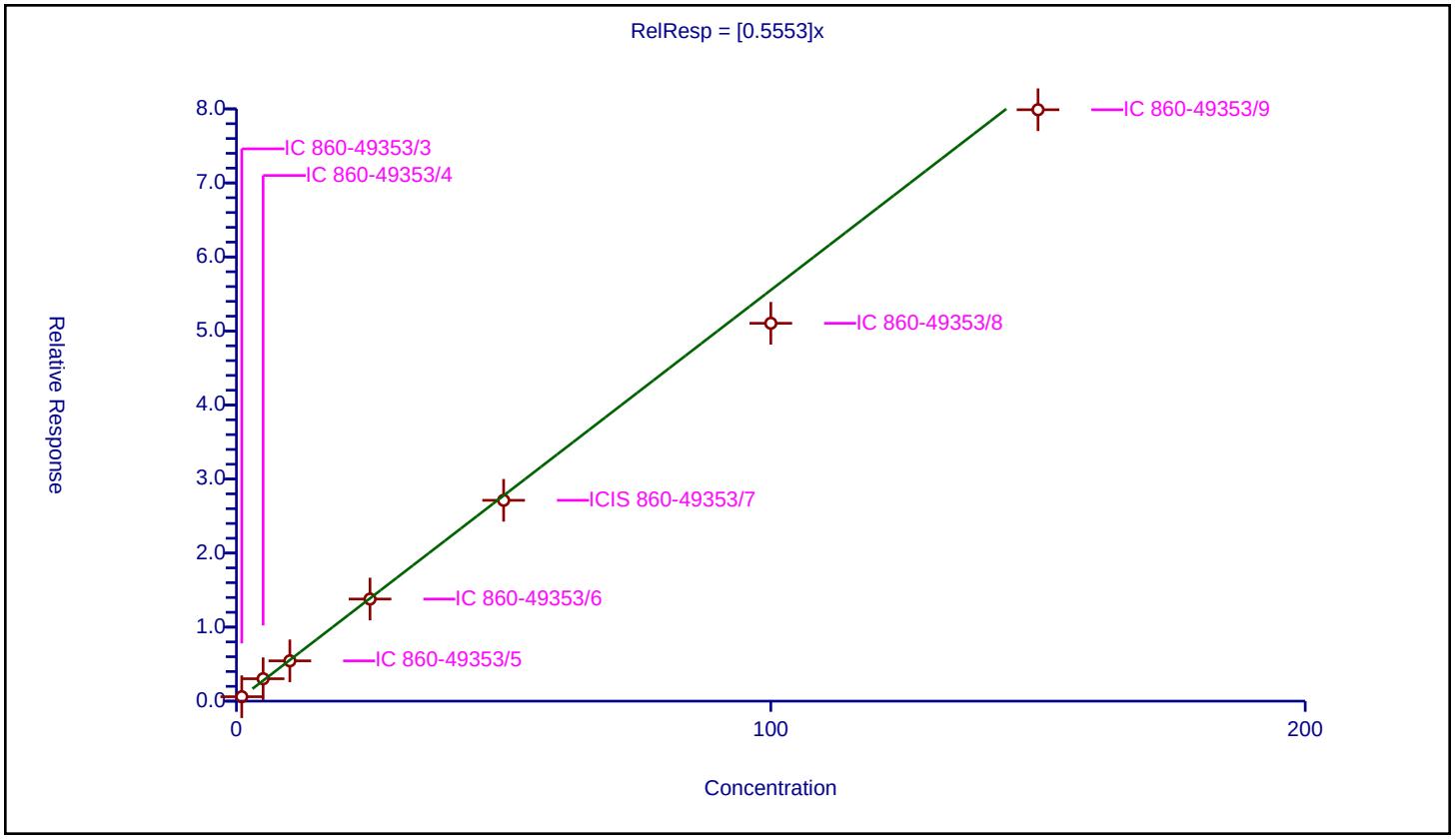
Curve Coefficients

Intercept:	0
Slope:	0.5553

Error Coefficients

Standard Error:	166000
Relative Standard Error:	6.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	0.599923	50.0	224362.0	0.599923	Y
2	IC 860-49353/4	5.0	3.026107	50.0	224612.0	0.605221	Y
3	IC 860-49353/5	10.0	5.444787	50.0	224141.0	0.544479	Y
4	IC 860-49353/6	25.0	13.79151	50.0	216336.0	0.55166	Y
5	ICIS 860-49353/7	50.0	27.12682	50.0	210220.0	0.542536	Y
6	IC 860-49353/8	100.0	51.042137	50.0	203620.0	0.510421	Y
7	IC 860-49353/9	150.0	79.885675	50.0	203017.0	0.532571	Y



Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

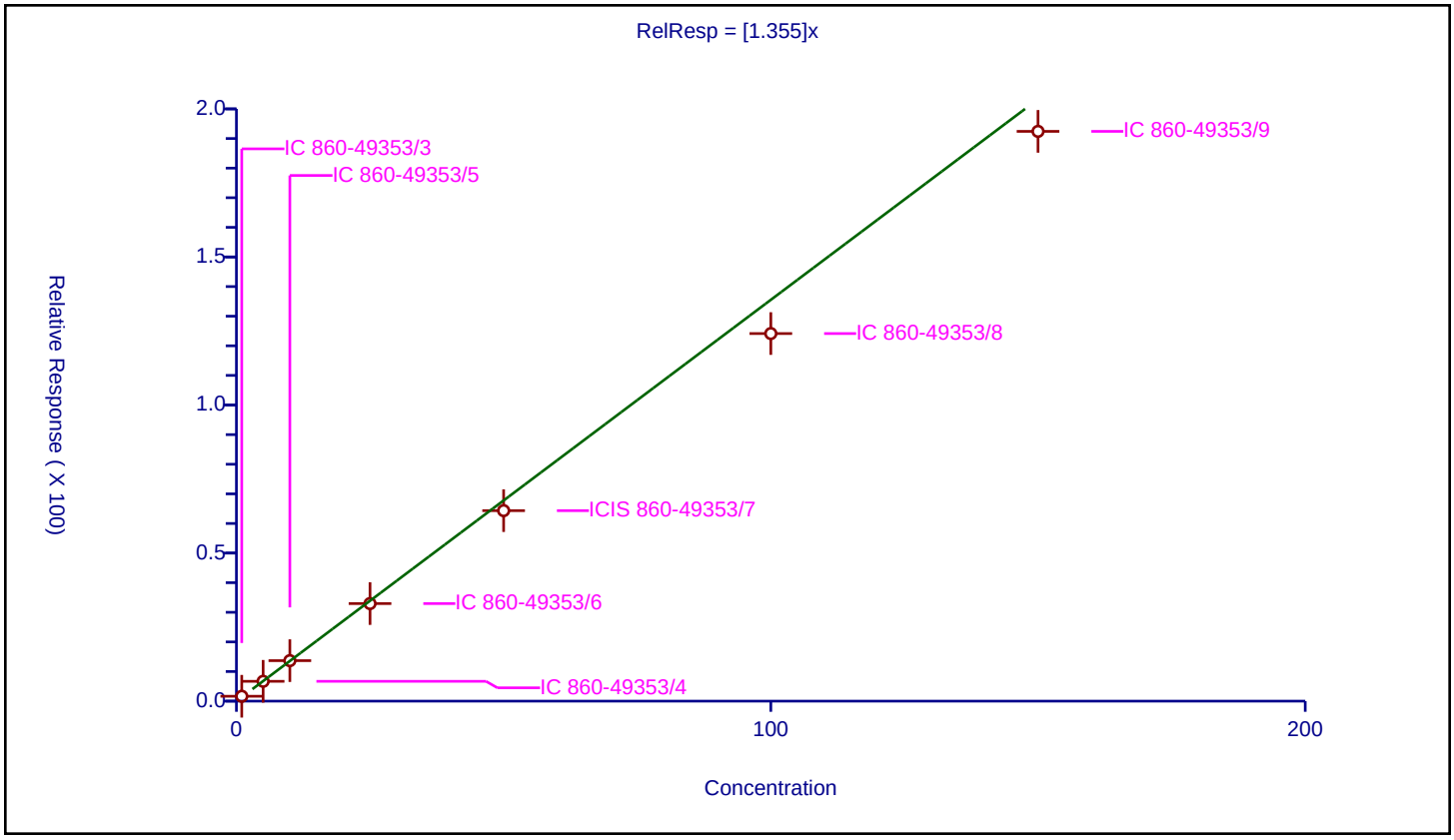
Curve Coefficients

Intercept:	0
Slope:	1.355

Error Coefficients

Standard Error:	401000
Relative Standard Error:	10.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	1.650903	50.0	224362.0	1.650903	Y
2	IC 860-49353/4	5.0	6.696214	50.0	224612.0	1.339243	Y
3	IC 860-49353/5	10.0	13.67532	50.0	224141.0	1.367532	Y
4	IC 860-49353/6	25.0	32.949671	50.0	216336.0	1.317987	Y
5	ICIS 860-49353/7	50.0	64.33189	50.0	210220.0	1.286638	Y
6	IC 860-49353/8	100.0	124.129997	50.0	203620.0	1.2413	Y
7	IC 860-49353/9	150.0	192.40704	50.0	203017.0	1.282714	Y



Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

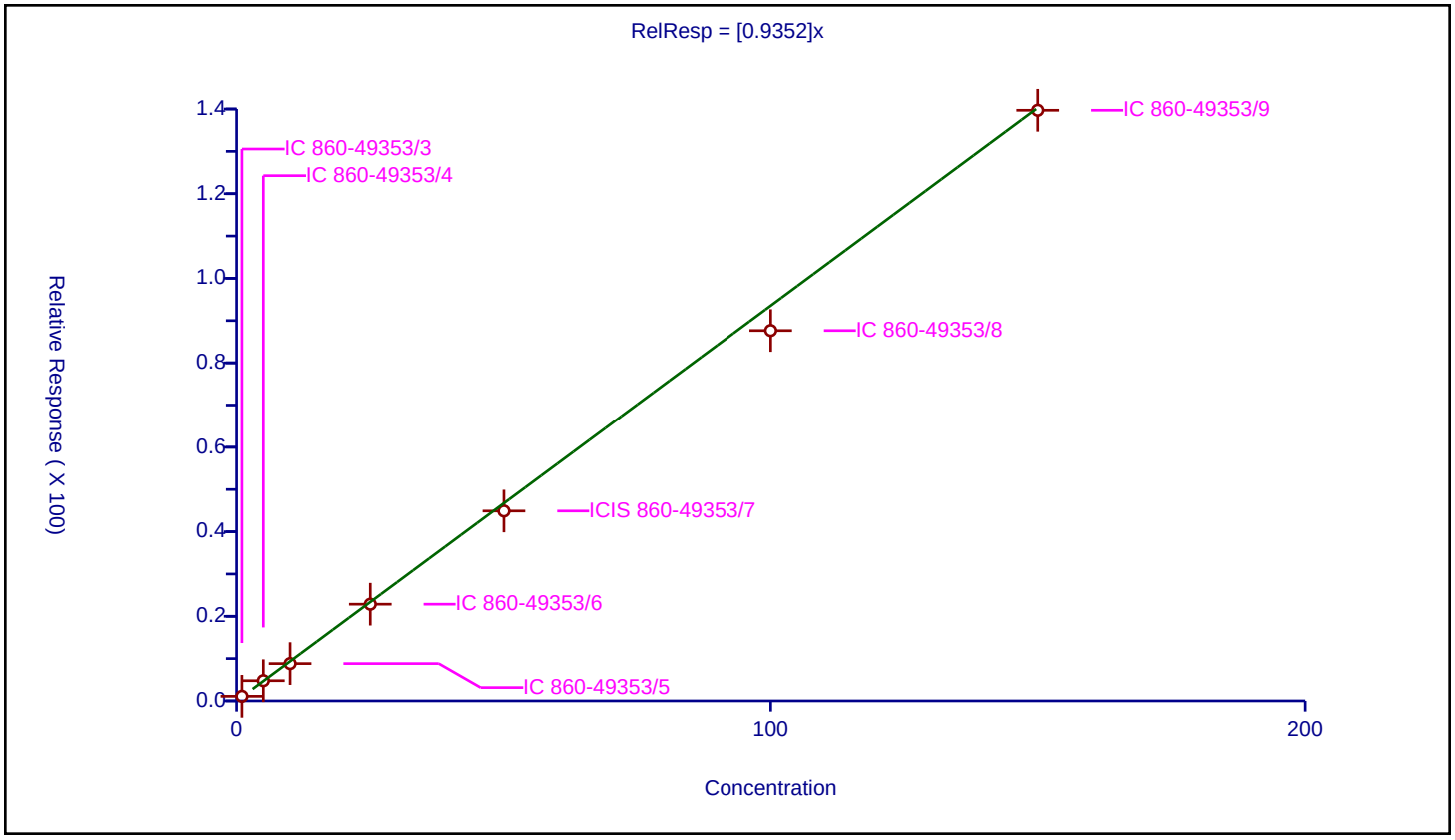
Curve Coefficients

Intercept:	0
Slope:	0.9352

Error Coefficients

Standard Error:	288000
Relative Standard Error:	7.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	1.089534	50.0	224362.0	1.089534	Y
2	IC 860-49353/4	5.0	4.773788	50.0	224612.0	0.954758	Y
3	IC 860-49353/5	10.0	8.815433	50.0	224141.0	0.881543	Y
4	IC 860-49353/6	25.0	22.859348	50.0	216336.0	0.914374	Y
5	ICIS 860-49353/7	50.0	44.904148	50.0	210220.0	0.898083	Y
6	IC 860-49353/8	100.0	87.643895	50.0	203620.0	0.876439	Y
7	IC 860-49353/9	150.0	139.700616	50.0	203017.0	0.931337	Y



Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

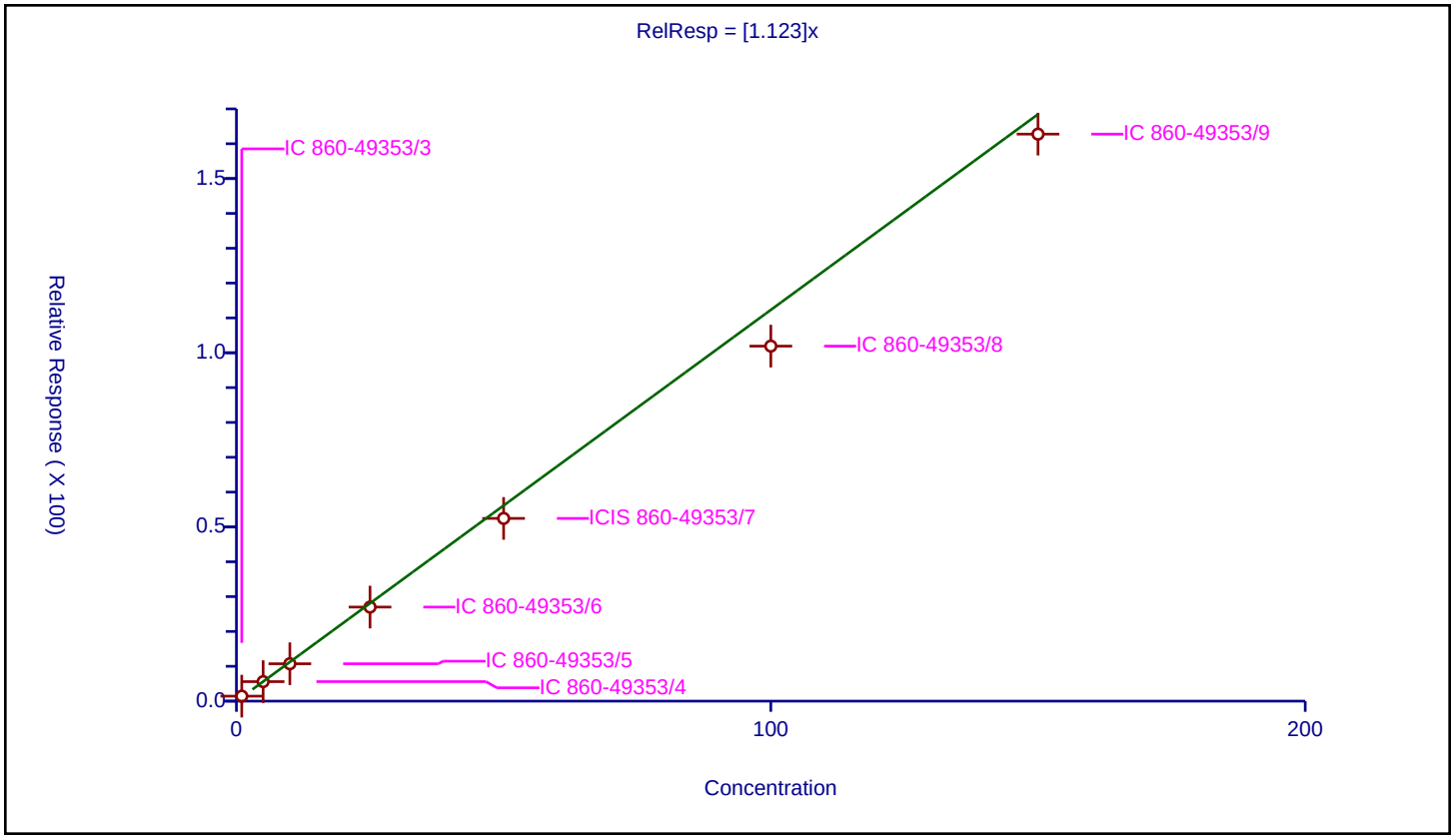
Curve Coefficients

Intercept:	0
Slope:	1.123

Error Coefficients

Standard Error:	335000
Relative Standard Error:	12.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	1.435626	50.0	224362.0	1.435626	Y
2	IC 860-49353/4	5.0	5.598988	50.0	224612.0	1.119798	Y
3	IC 860-49353/5	10.0	10.727622	50.0	224141.0	1.072762	Y
4	IC 860-49353/6	25.0	26.995738	50.0	216336.0	1.07983	Y
5	ICIS 860-49353/7	50.0	52.450052	50.0	210220.0	1.049001	Y
6	IC 860-49353/8	100.0	101.906247	50.0	203620.0	1.019062	Y
7	IC 860-49353/9	150.0	162.762232	50.0	203017.0	1.085082	Y



Calibration / Ethylene oxide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

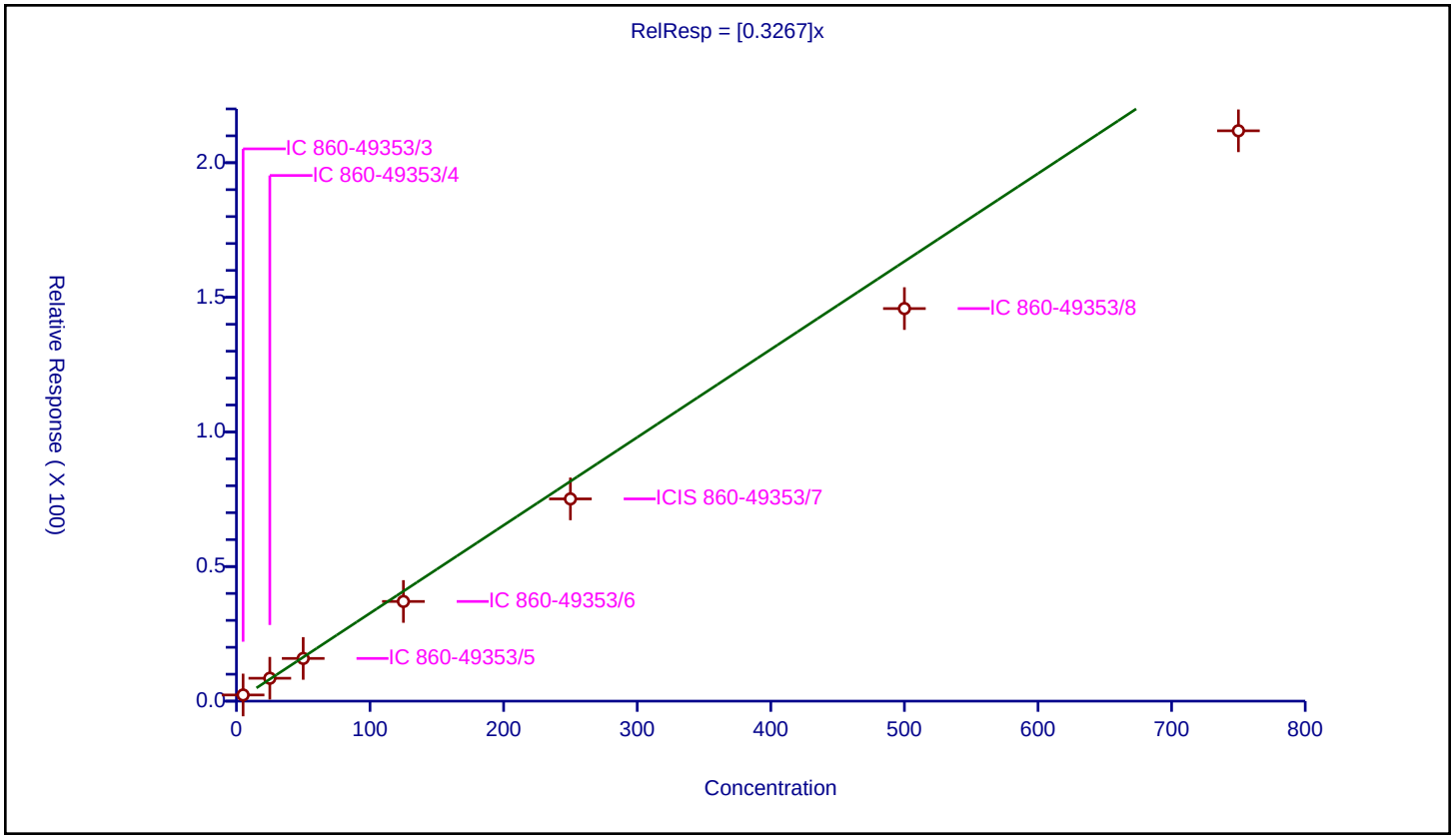
Curve Coefficients

Intercept:	0
Slope:	0.3267

Error Coefficients

Standard Error:	452000
Relative Standard Error:	18.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.950

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	5.0	2.290941	50.0	224362.0	0.458188	Y
2	IC 860-49353/4	25.0	8.50756	50.0	224612.0	0.340302	Y
3	IC 860-49353/5	50.0	15.860998	50.0	224141.0	0.31722	Y
4	IC 860-49353/6	125.0	37.026431	50.0	216336.0	0.296211	Y
5	ICIS 860-49353/7	250.0	75.127485	50.0	210220.0	0.30051	Y
6	IC 860-49353/8	500.0	145.827767	50.0	203620.0	0.291656	Y
7	IC 860-49353/9	750.0	211.86477	50.0	203017.0	0.282486	Y



Calibration / Bromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

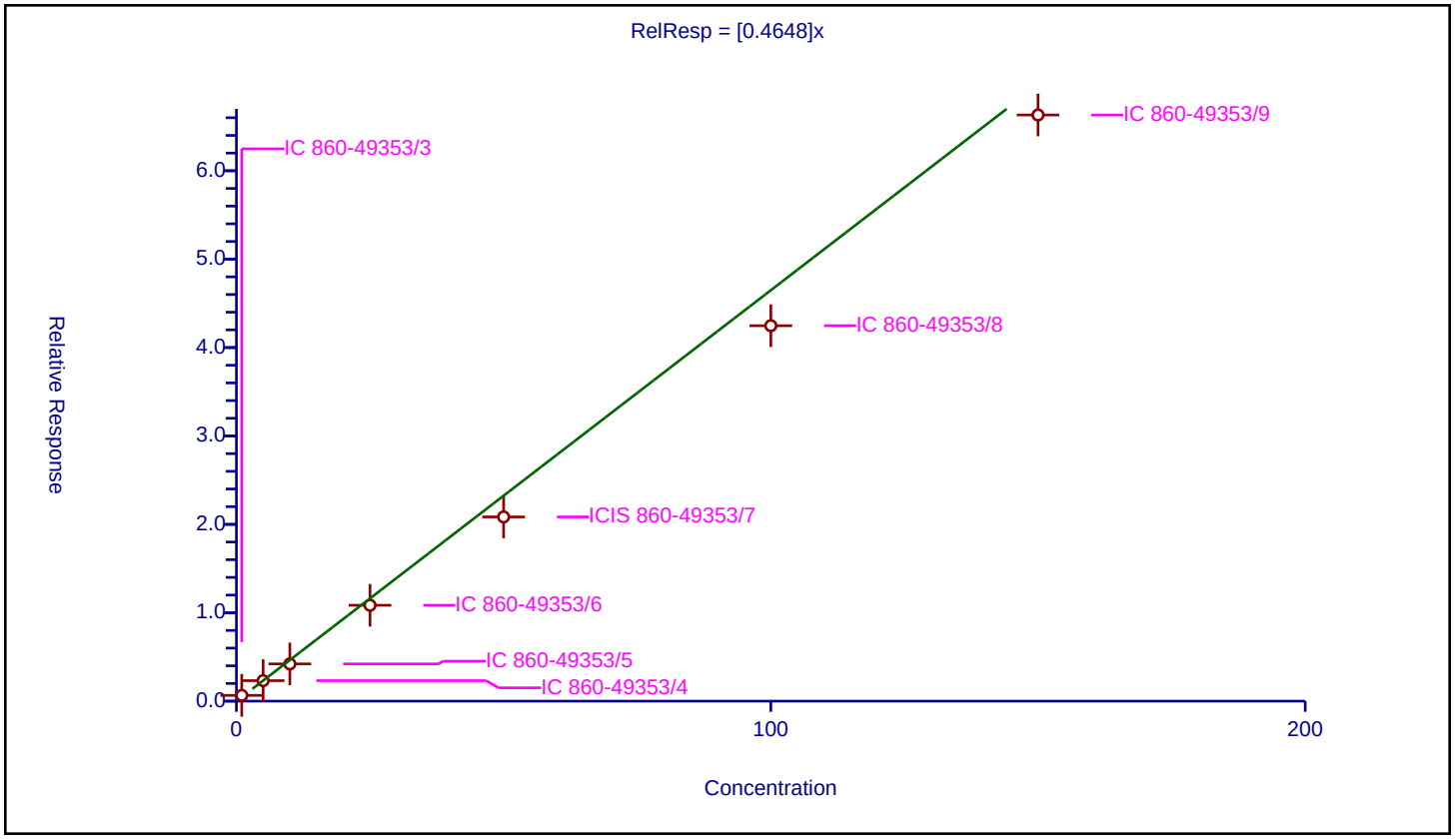
Curve Coefficients

Intercept:	0
Slope:	0.4648

Error Coefficients

Standard Error:	137000
Relative Standard Error:	18.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.954

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	0.651625	50.0	224362.0	0.651625	Y
2	IC 860-49353/4	5.0	2.317107	50.0	224612.0	0.463421	Y
3	IC 860-49353/5	10.0	4.213642	50.0	224141.0	0.421364	Y
4	IC 860-49353/6	25.0	10.845398	50.0	216336.0	0.433816	Y
5	ICIS 860-49353/7	50.0	20.838883	50.0	210220.0	0.416778	Y
6	IC 860-49353/8	100.0	42.469306	50.0	203620.0	0.424693	Y
7	IC 860-49353/9	150.0	66.309472	50.0	203017.0	0.442063	Y



Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

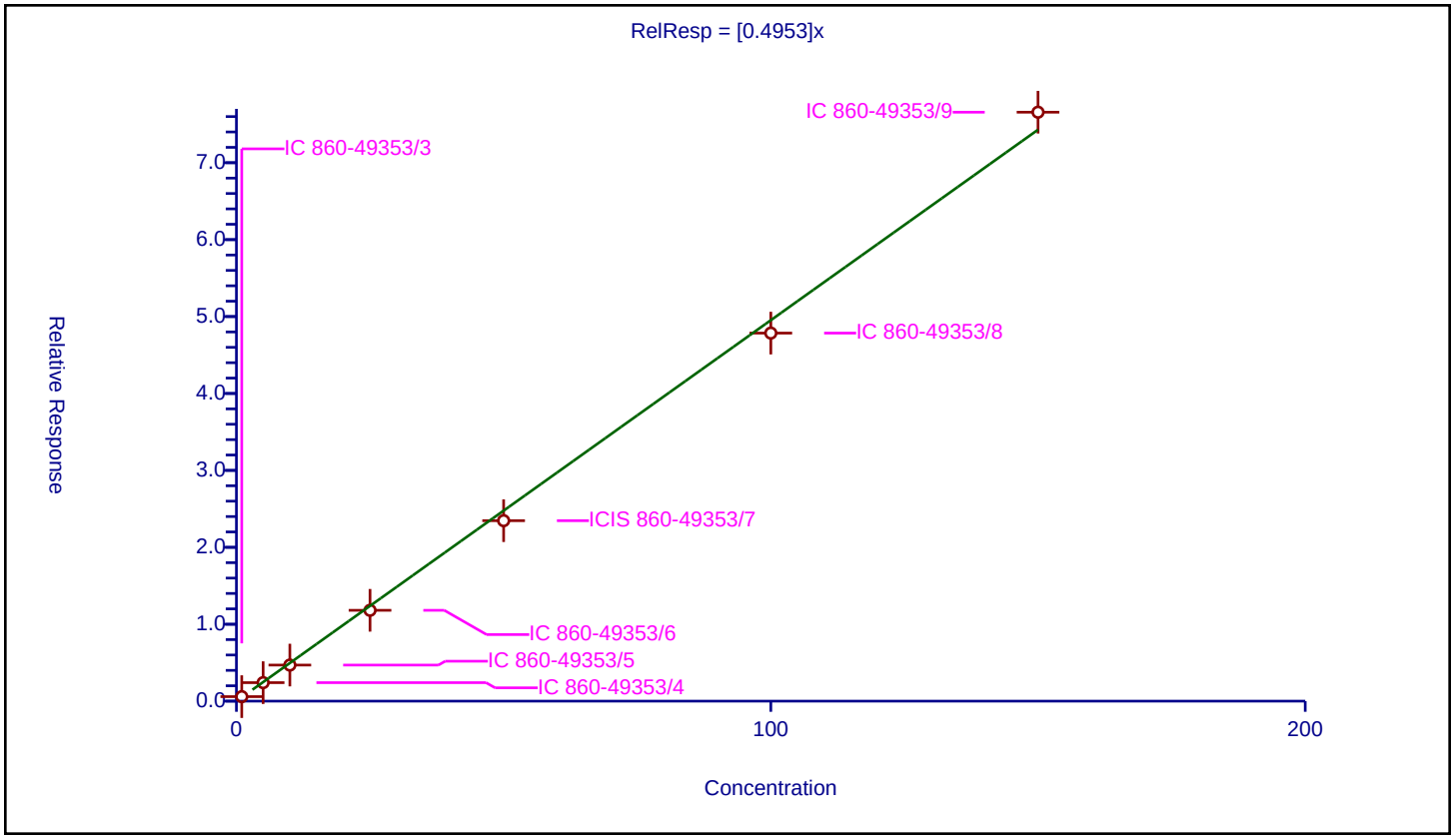
Curve Coefficients

Intercept:	0
Slope:	0.4953

Error Coefficients

Standard Error:	157000
Relative Standard Error:	8.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	0.585884	50.0	224362.0	0.585884	Y
2	IC 860-49353/4	5.0	2.406372	50.0	224612.0	0.481274	Y
3	IC 860-49353/5	10.0	4.691913	50.0	224141.0	0.469191	Y
4	IC 860-49353/6	25.0	11.808483	50.0	216336.0	0.472339	Y
5	ICIS 860-49353/7	50.0	23.463039	50.0	210220.0	0.469261	Y
6	IC 860-49353/8	100.0	47.85139	50.0	203620.0	0.478514	Y
7	IC 860-49353/9	150.0	76.570435	50.0	203017.0	0.51047	Y



Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

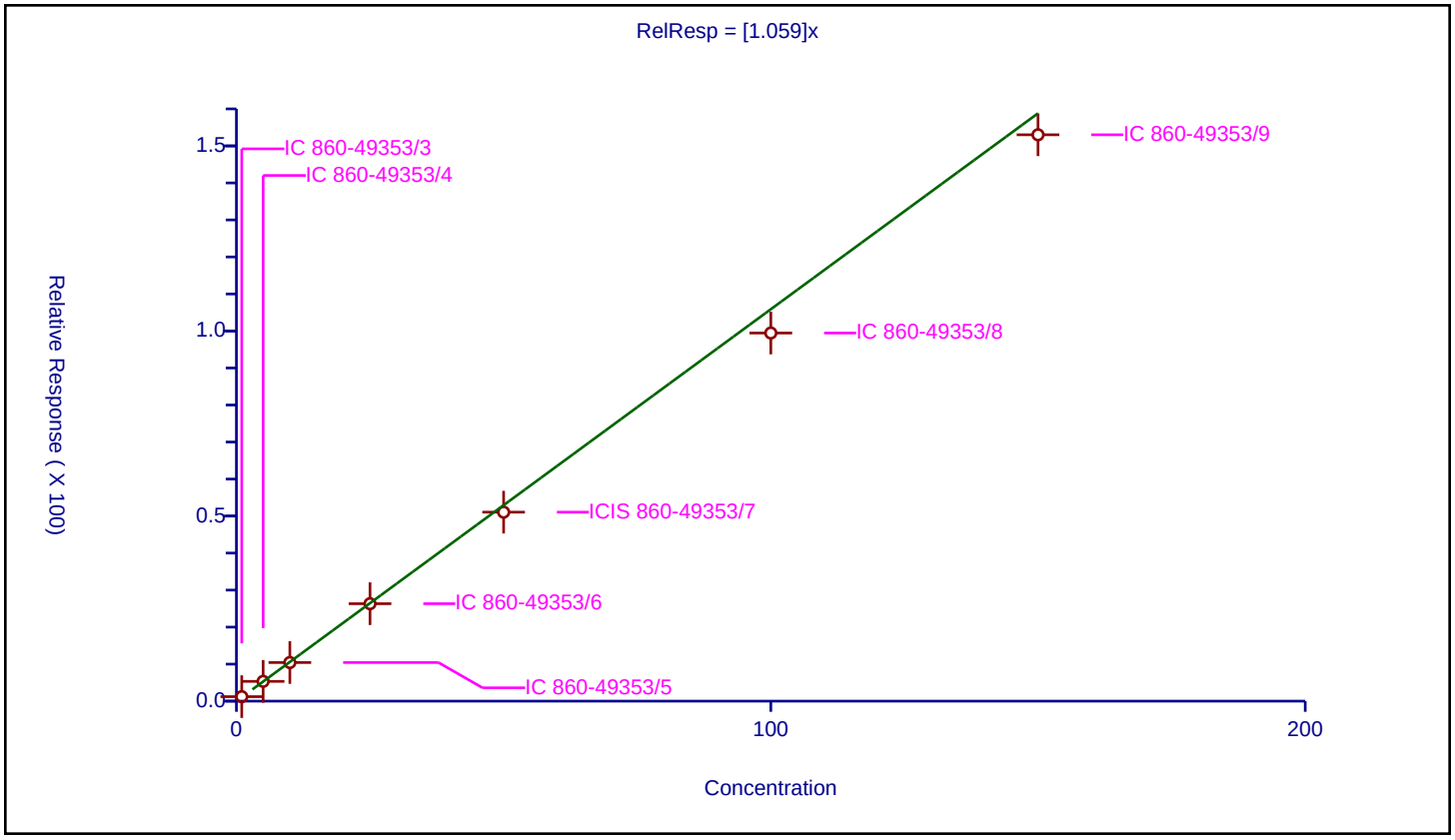
Curve Coefficients

Intercept:	0
Slope:	1.059

Error Coefficients

Standard Error:	319000
Relative Standard Error:	6.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	1.210544	50.0	224362.0	1.210544	Y
2	IC 860-49353/4	5.0	5.344995	50.0	224612.0	1.068999	Y
3	IC 860-49353/5	10.0	10.428703	50.0	224141.0	1.04287	Y
4	IC 860-49353/6	25.0	26.321786	50.0	216336.0	1.052871	Y
5	ICIS 860-49353/7	50.0	51.057701	50.0	210220.0	1.021154	Y
6	IC 860-49353/8	100.0	99.449956	50.0	203620.0	0.9945	Y
7	IC 860-49353/9	150.0	153.005167	50.0	203017.0	1.020034	Y



Calibration / Acrolein

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

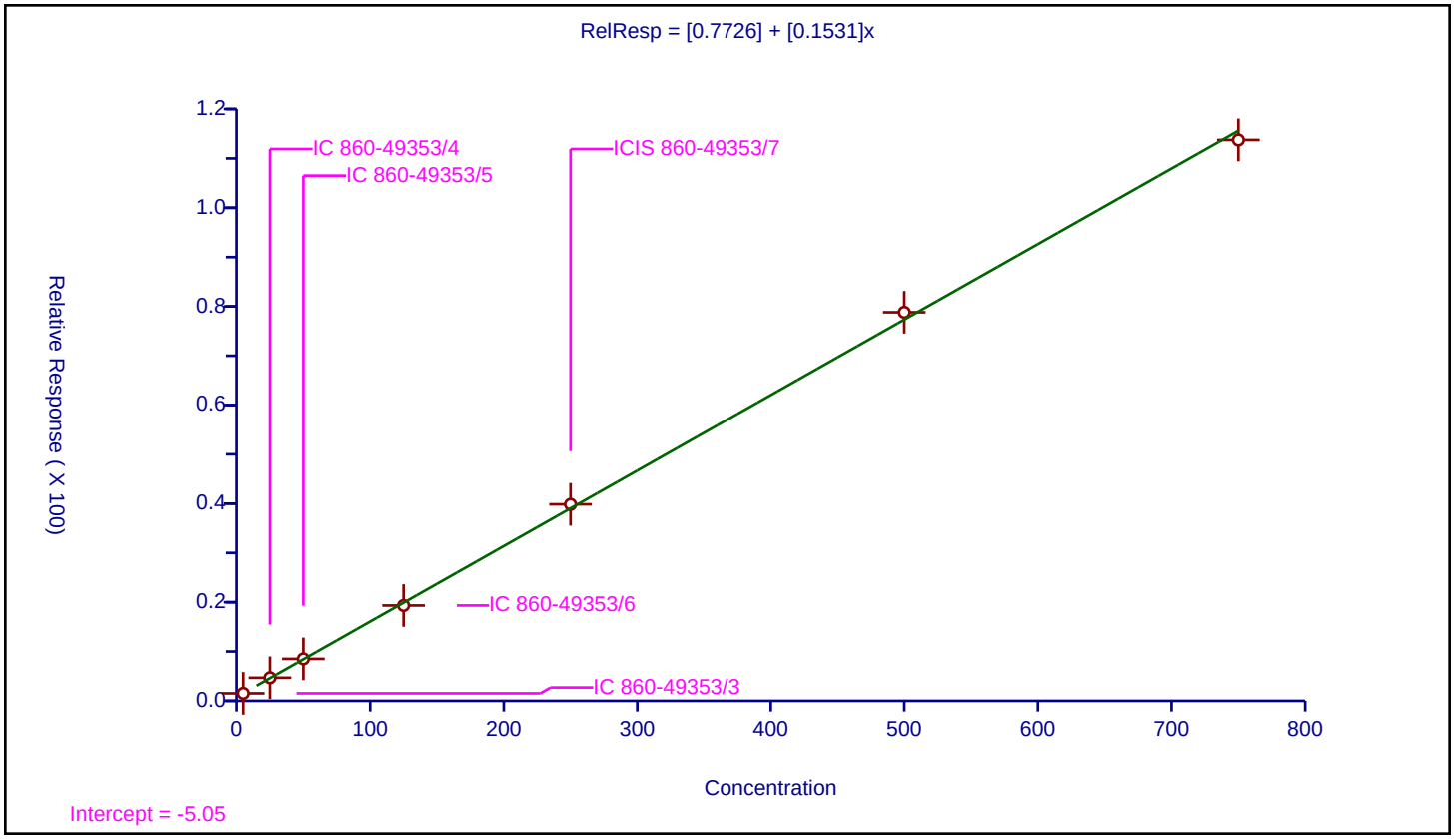
Curve Coefficients

Intercept:	0.7726
Slope:	0.1531

Error Coefficients

Standard Error:	266000
Relative Standard Error:	2.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	5.0	1.518974	50.0	224362.0	0.303795	Y
2	IC 860-49353/4	25.0	4.676731	50.0	224612.0	0.187069	Y
3	IC 860-49353/5	50.0	8.507368	50.0	224141.0	0.170147	Y
4	IC 860-49353/6	125.0	19.340979	50.0	216336.0	0.154728	Y
5	ICIS 860-49353/7	250.0	39.858482	50.0	210220.0	0.159434	Y
6	IC 860-49353/8	500.0	78.812494	50.0	203620.0	0.157625	Y
7	IC 860-49353/9	750.0	113.737766	50.0	203017.0	0.15165	Y



Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

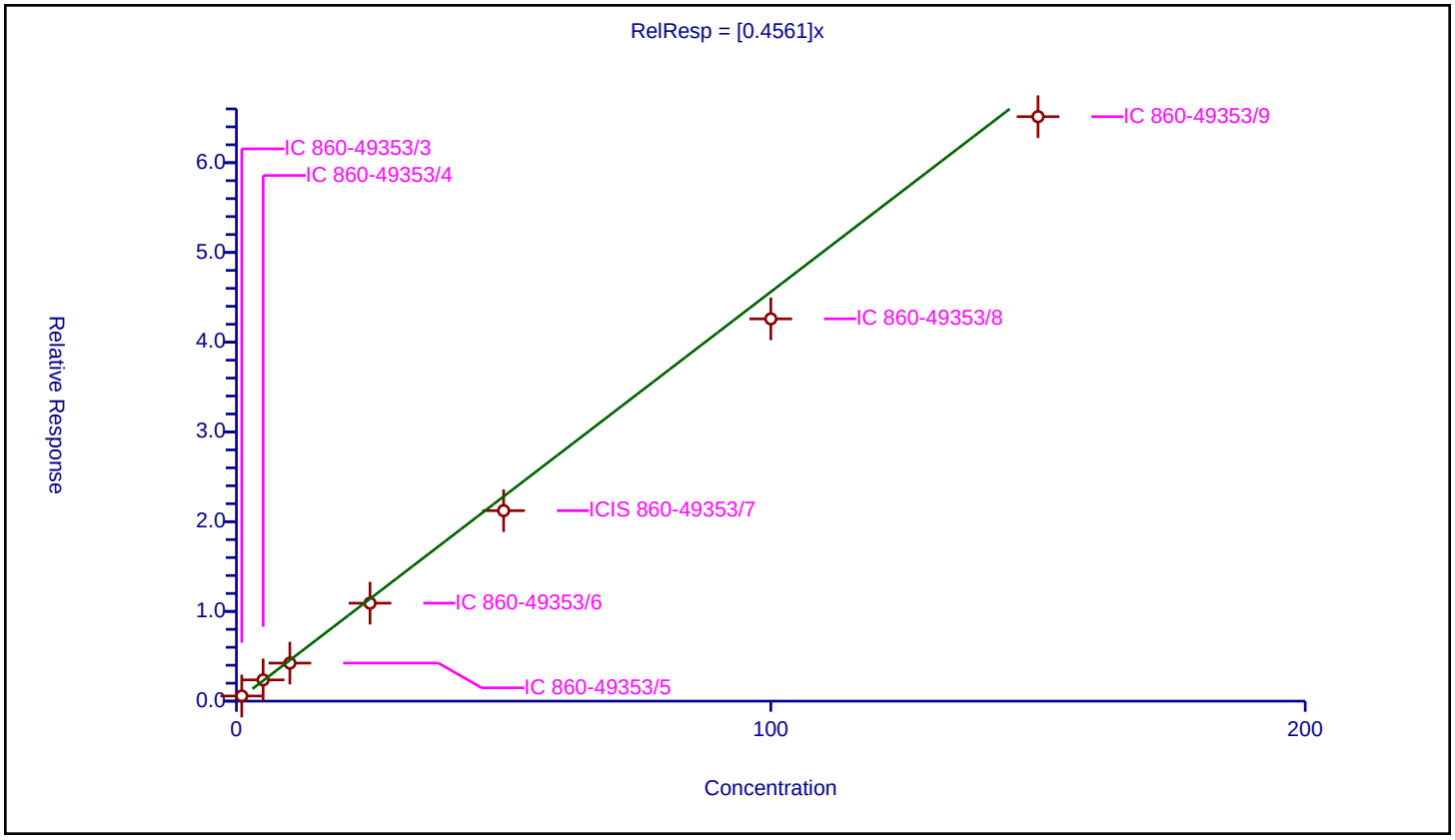
Curve Coefficients

Intercept:	0
Slope:	0.4561

Error Coefficients

Standard Error:	136000
Relative Standard Error:	12.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	0.573627	50.0	224362.0	0.573627	Y
2	IC 860-49353/4	5.0	2.366748	50.0	224612.0	0.47335	Y
3	IC 860-49353/5	10.0	4.240857	50.0	224141.0	0.424086	Y
4	IC 860-49353/6	25.0	10.919357	50.0	216336.0	0.436774	Y
5	ICIS 860-49353/7	50.0	21.229902	50.0	210220.0	0.424598	Y
6	IC 860-49353/8	100.0	42.602151	50.0	203620.0	0.426022	Y
7	IC 860-49353/9	150.0	65.133708	50.0	203017.0	0.434225	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

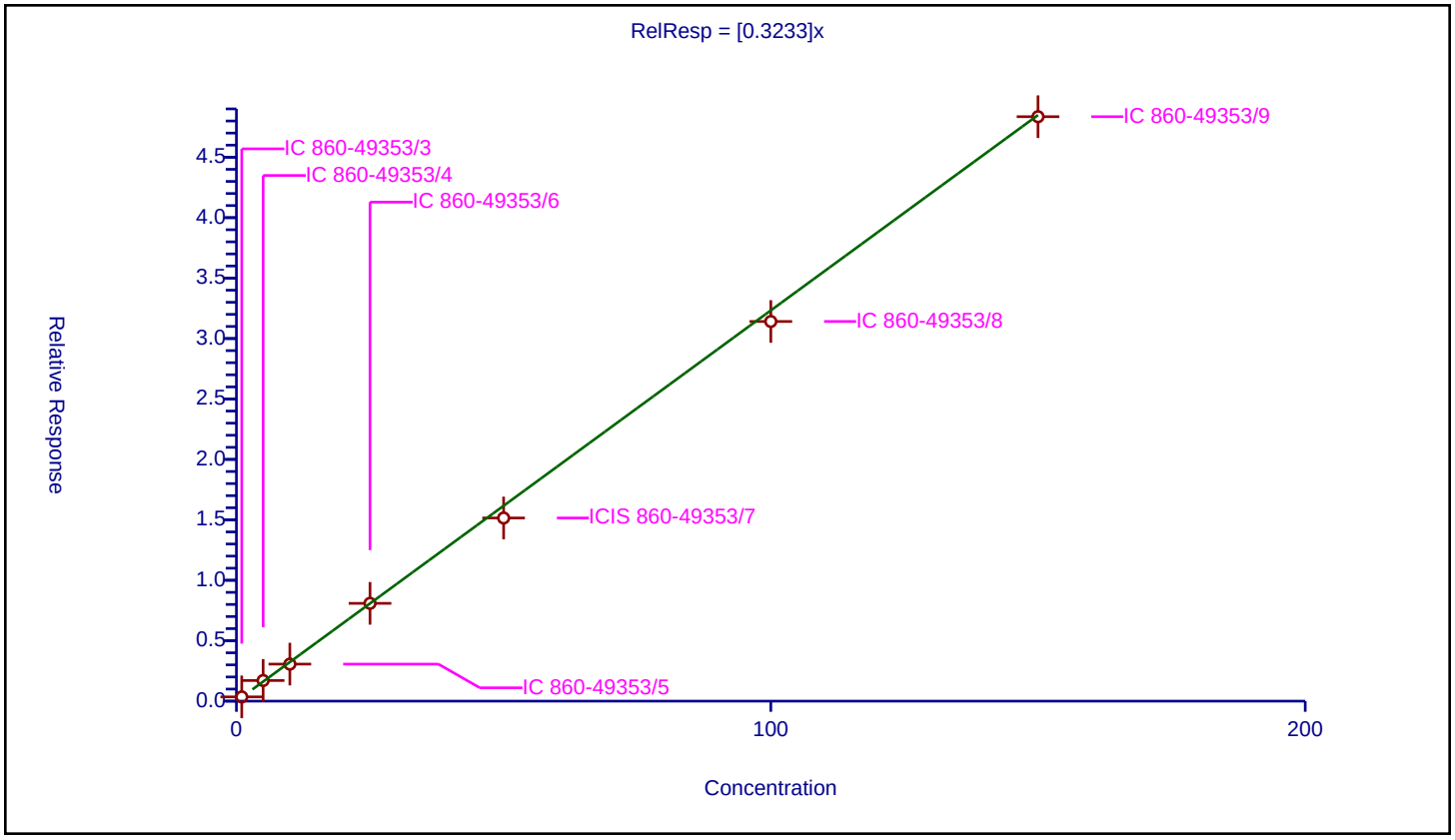
Curve Coefficients

Intercept:	0
Slope:	0.3233

Error Coefficients

Standard Error:	100000
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 860-49353/3	1.0	0.351887	50.0	224362.0	0.351887	Y
2	IC 860-49353/4	5.0	1.706498	50.0	224612.0	0.3413	Y
3	IC 860-49353/5	10.0	3.065035	50.0	224141.0	0.306503	Y
4	IC 860-49353/6	25.0	8.090655	50.0	216336.0	0.323626	Y
5	ICIS 860-49353/7	50.0	15.152697	50.0	210220.0	0.303054	Y
6	IC 860-49353/8	100.0	31.411698	50.0	203620.0	0.314117	Y
7	IC 860-49353/9	150.0	48.354571	50.0	203017.0	0.322364	Y



Calibration / Acetone

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

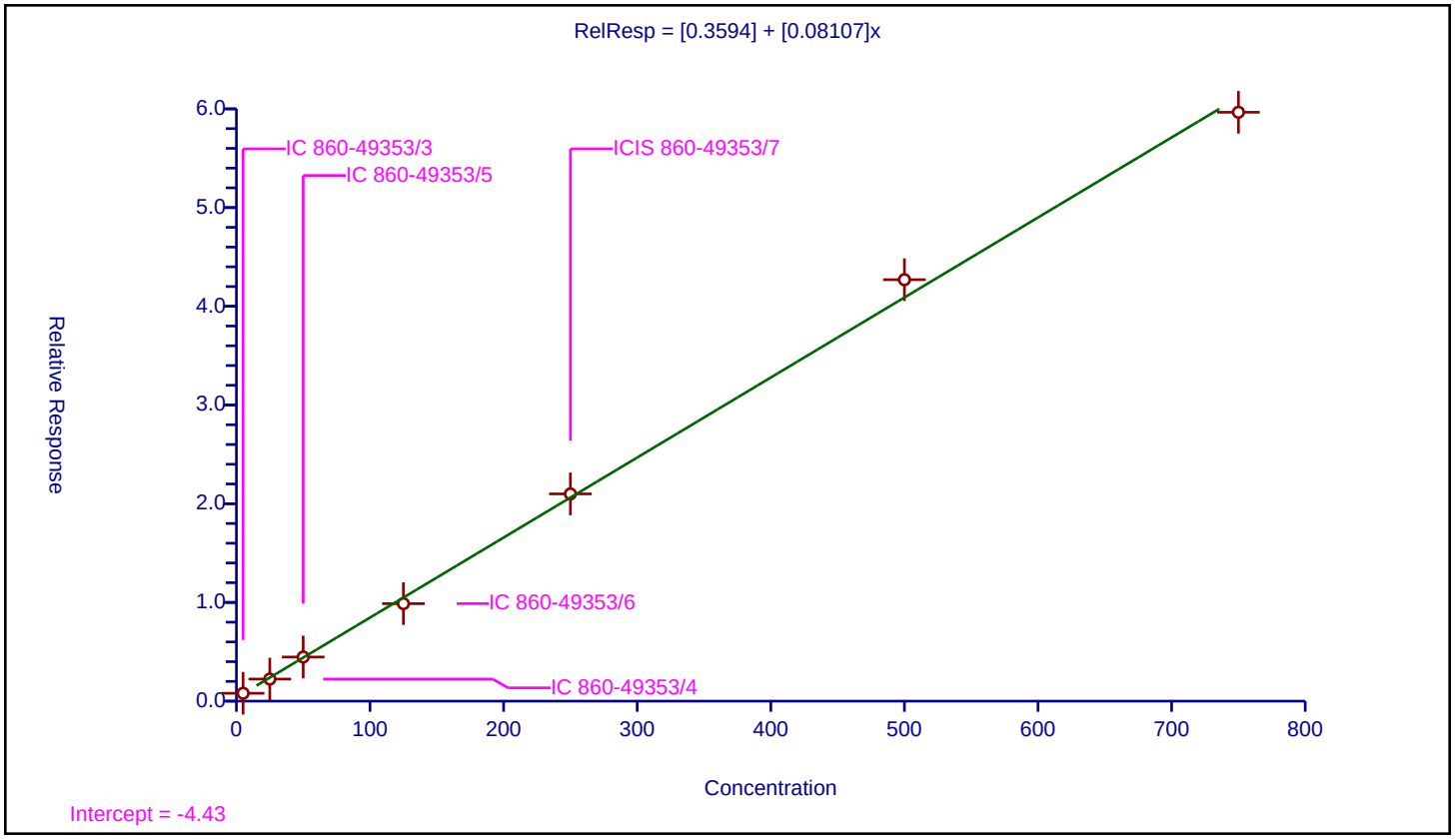
Curve Coefficients

Intercept:	0.3594
Slope:	0.08107

Error Coefficients

Standard Error:	141000
Relative Standard Error:	6.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	5.0	0.797818	50.0	224362.0	0.159564	Y
2	IC 860-49353/4	25.0	2.237859	50.0	224612.0	0.089514	Y
3	IC 860-49353/5	50.0	4.4704	50.0	224141.0	0.089408	Y
4	IC 860-49353/6	125.0	9.876535	50.0	216336.0	0.079012	Y
5	ICIS 860-49353/7	250.0	20.996337	50.0	210220.0	0.083985	Y
6	IC 860-49353/8	500.0	42.696935	50.0	203620.0	0.085394	Y
7	IC 860-49353/9	750.0	59.658551	50.0	203017.0	0.079545	Y



Calibration / Iodomethane

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

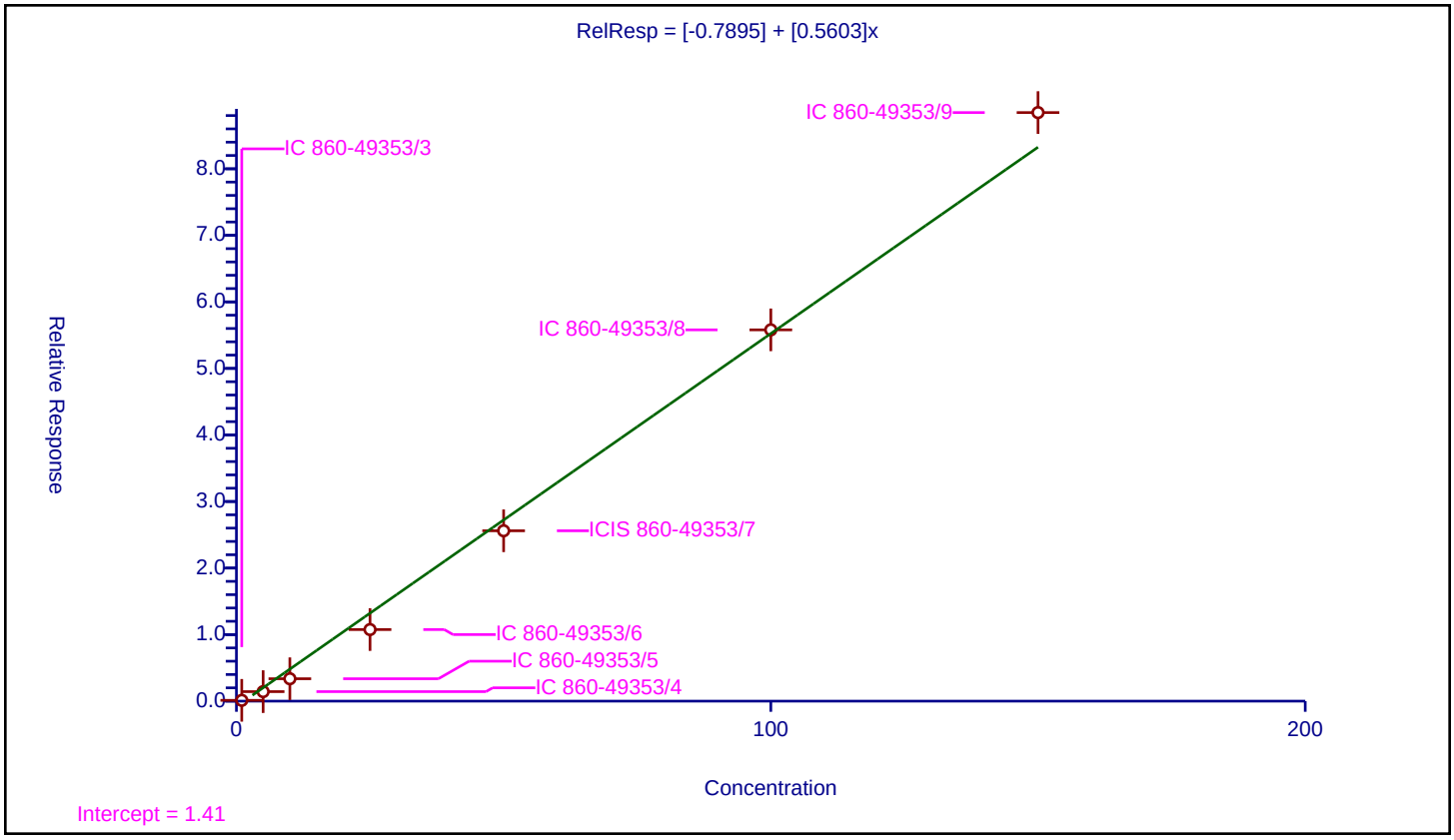
Curve Coefficients

Intercept:	-0.7895
Slope:	0.5603

Error Coefficients

Standard Error:	197000
Relative Standard Error:	32.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	0.122347	50.0	224362.0	0.122347	Y
2	IC 860-49353/4	5.0	1.429576	50.0	224612.0	0.285915	Y
3	IC 860-49353/5	10.0	3.366854	50.0	224141.0	0.336685	Y
4	IC 860-49353/6	25.0	10.755723	50.0	216336.0	0.430229	Y
5	ICIS 860-49353/7	50.0	25.60294	50.0	210220.0	0.512059	Y
6	IC 860-49353/8	100.0	55.795845	50.0	203620.0	0.557958	Y
7	IC 860-49353/9	150.0	88.445795	50.0	203017.0	0.589639	Y



Calibration / Carbon disulfide

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

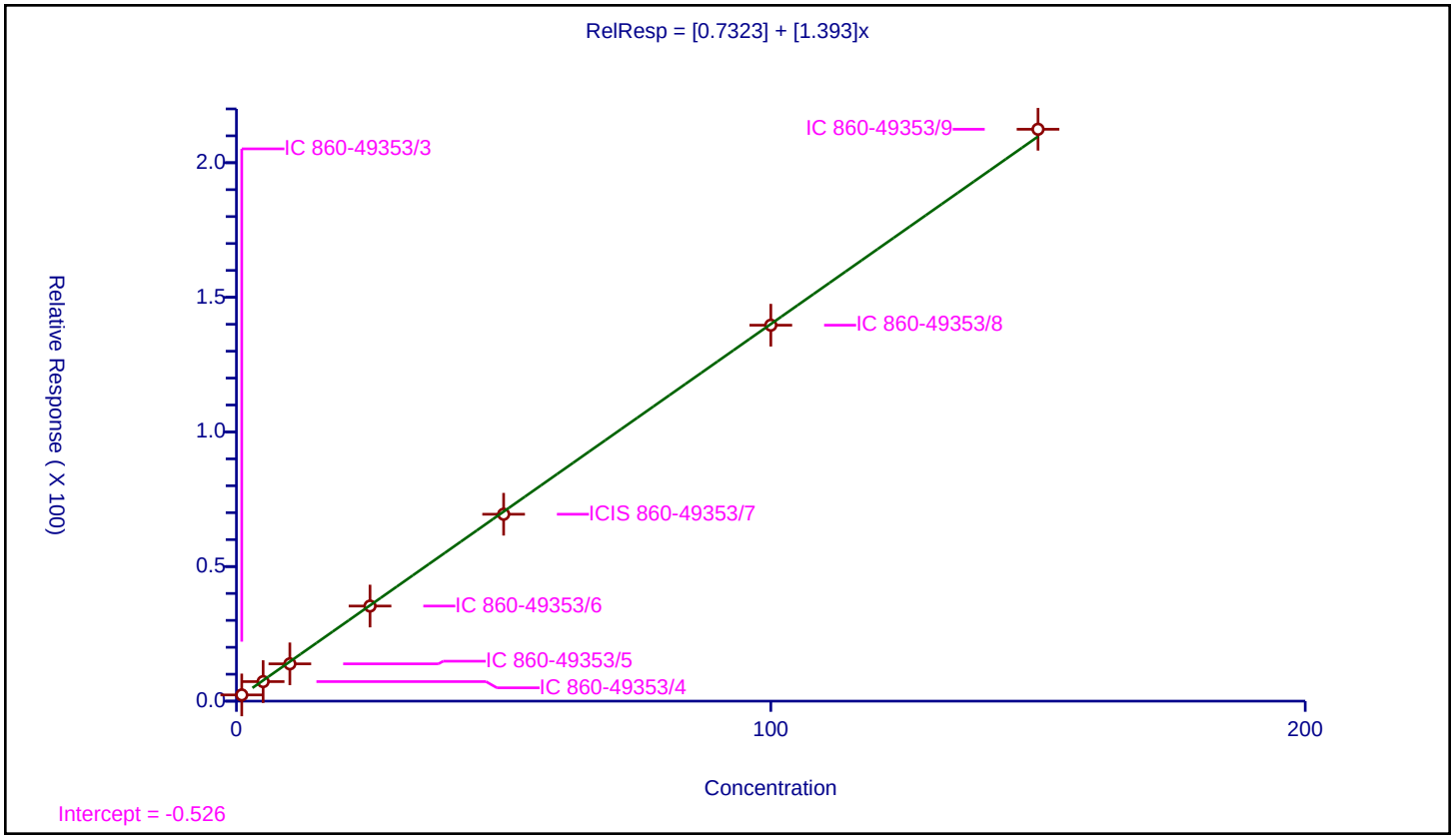
Curve Coefficients

Intercept:	0.7323
Slope:	1.393

Error Coefficients

Standard Error:	486000
Relative Standard Error:	7.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	2.310552	50.0	224362.0	2.310552	Y
2	IC 860-49353/4	5.0	7.257849	50.0	224612.0	1.45157	Y
3	IC 860-49353/5	10.0	13.852664	50.0	224141.0	1.385266	Y
4	IC 860-49353/6	25.0	35.320751	50.0	216336.0	1.41283	Y
5	ICIS 860-49353/7	50.0	69.431786	50.0	210220.0	1.388636	Y
6	IC 860-49353/8	100.0	139.656959	50.0	203620.0	1.39657	Y
7	IC 860-49353/9	150.0	212.433442	50.0	203017.0	1.416223	Y



Calibration / Isopropyl alcohol

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

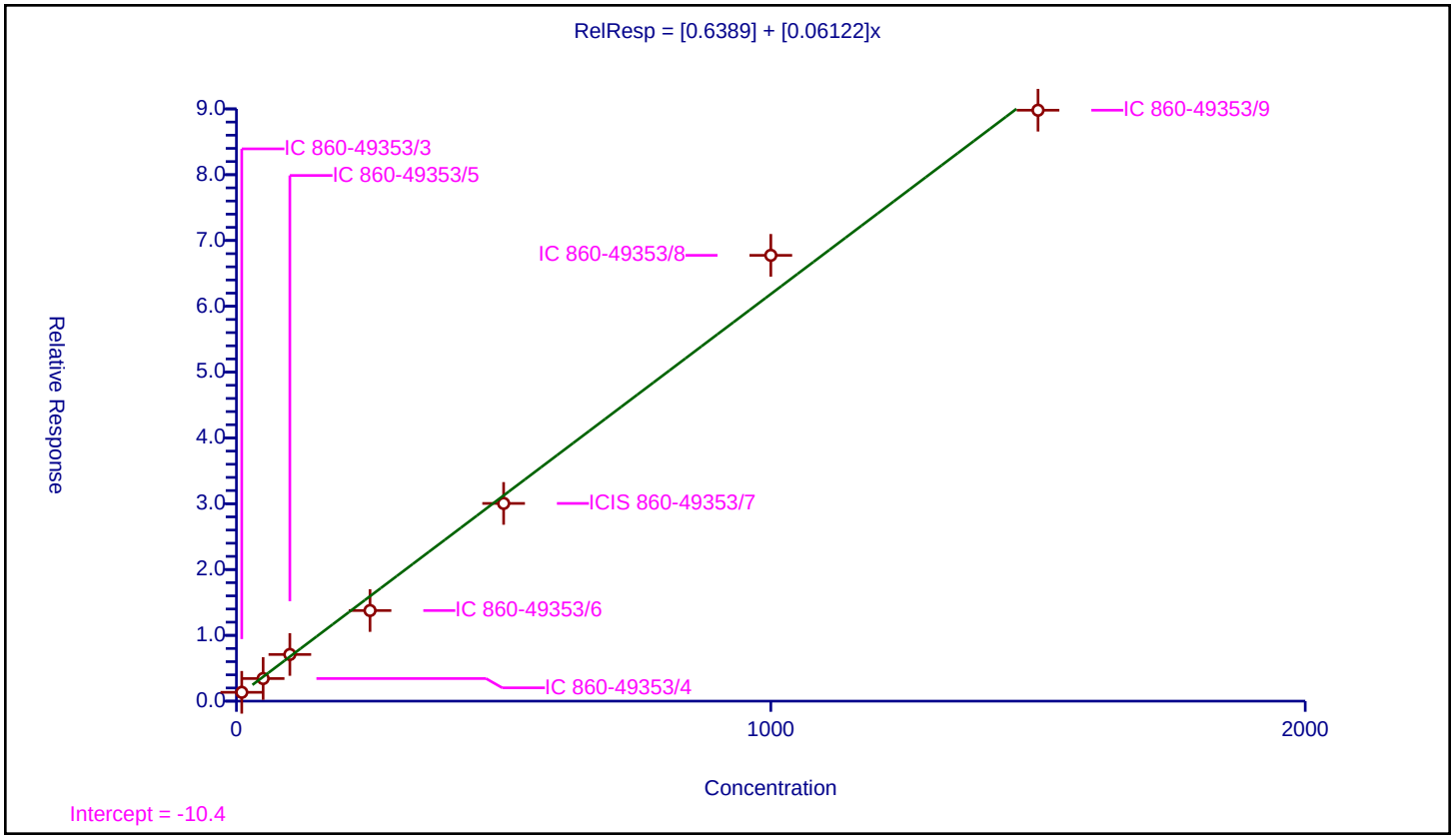
Curve Coefficients

Intercept:	0.6389
Slope:	0.06122

Error Coefficients

Standard Error:	214000
Relative Standard Error:	11.3
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	10.0	1.340468	50.0	224362.0	0.134047	Y
2	IC 860-49353/4	50.0	3.436148	50.0	224612.0	0.068723	Y
3	IC 860-49353/5	100.0	7.093972	50.0	224141.0	0.07094	Y
4	IC 860-49353/6	250.0	13.769553	50.0	216336.0	0.055078	Y
5	ICIS 860-49353/7	500.0	30.047807	50.0	210220.0	0.060096	Y
6	IC 860-49353/8	1000.0	67.747029	50.0	203620.0	0.067747	Y
7	IC 860-49353/9	1500.0	89.799623	50.0	203017.0	0.059866	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

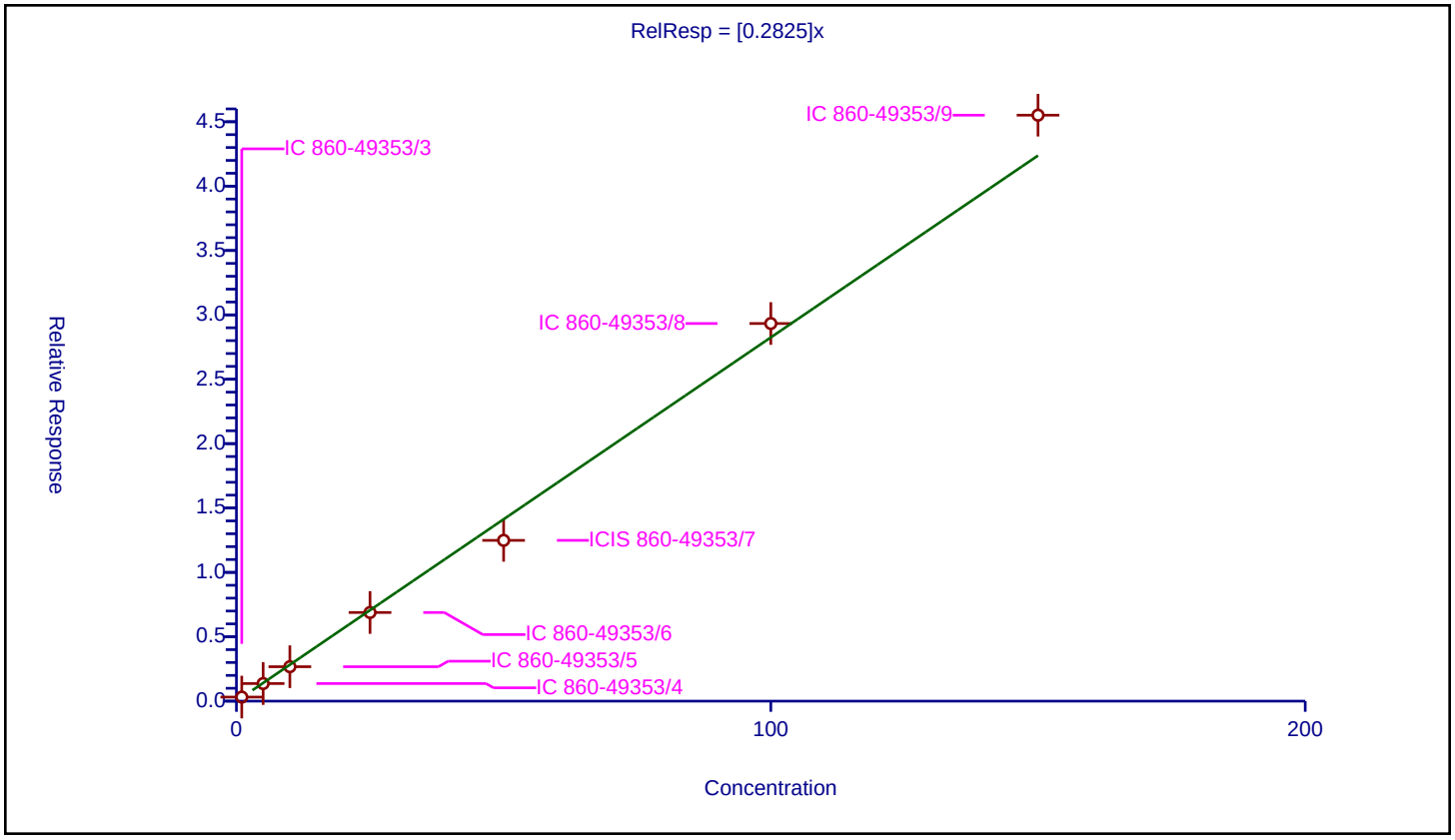
Curve Coefficients

Intercept:	0
Slope:	0.2825

Error Coefficients

Standard Error:	93300
Relative Standard Error:	8.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	0.314893	50.0	224362.0	0.314893	Y
2	IC 860-49353/4	5.0	1.366579	50.0	224612.0	0.273316	Y
3	IC 860-49353/5	10.0	2.674433	50.0	224141.0	0.267443	Y
4	IC 860-49353/6	25.0	6.885354	50.0	216336.0	0.275414	Y
5	ICIS 860-49353/7	50.0	12.488346	50.0	210220.0	0.249767	Y
6	IC 860-49353/8	100.0	29.330616	50.0	203620.0	0.293306	Y
7	IC 860-49353/9	150.0	45.511706	50.0	203017.0	0.303411	Y



Calibration / Acetonitrile

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

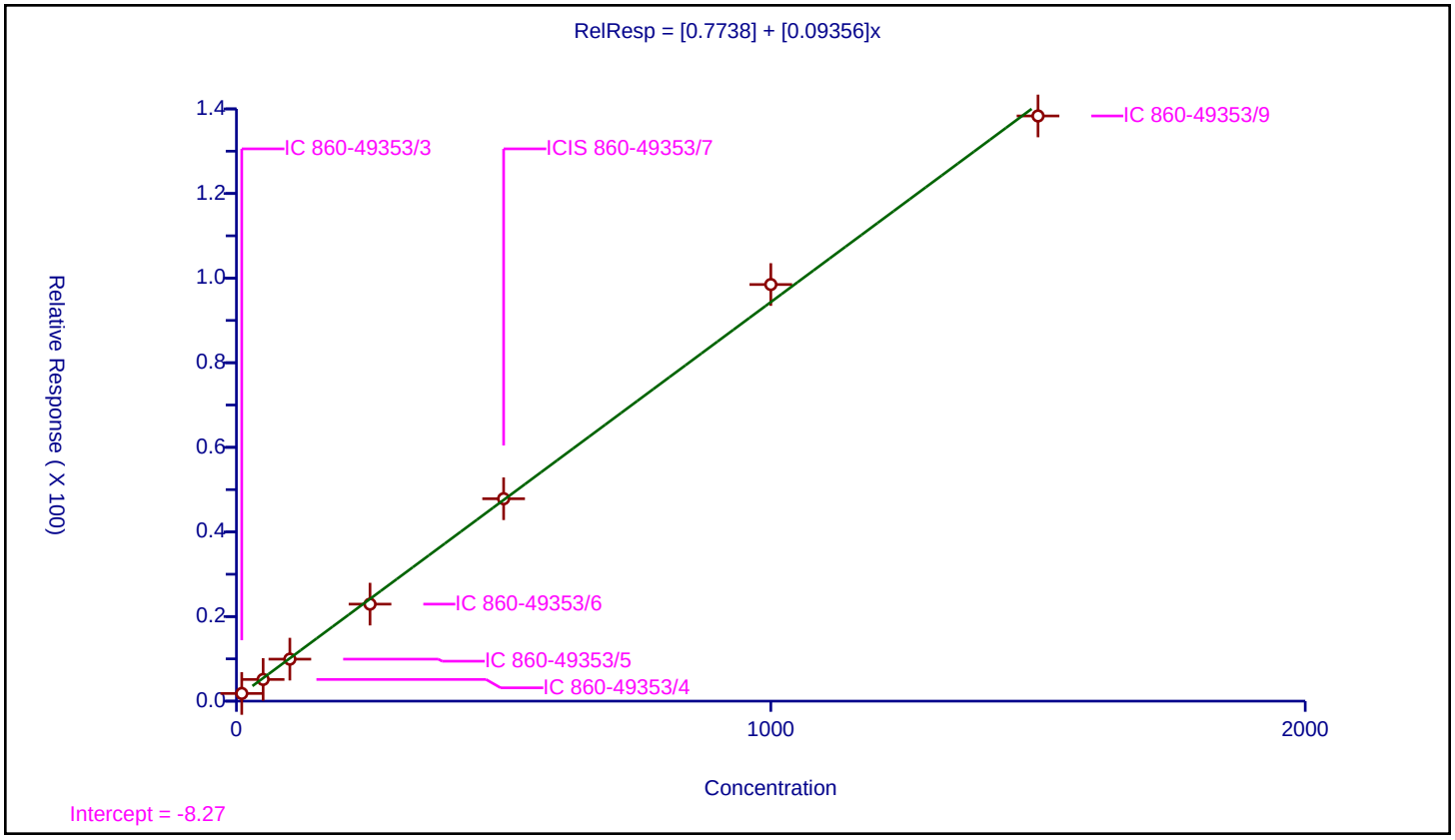
Curve Coefficients

Intercept:	0.7738
Slope:	0.09356

Error Coefficients

Standard Error:	325000
Relative Standard Error:	6.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	10.0	1.815147	50.0	224362.0	0.181515	Y
2	IC 860-49353/4	50.0	5.126841	50.0	224612.0	0.102537	Y
3	IC 860-49353/5	100.0	9.928572	50.0	224141.0	0.099286	Y
4	IC 860-49353/6	250.0	22.931227	50.0	216336.0	0.091725	Y
5	ICIS 860-49353/7	500.0	47.846304	50.0	210220.0	0.095693	Y
6	IC 860-49353/8	1000.0	98.484432	50.0	203620.0	0.098484	Y
7	IC 860-49353/9	1500.0	138.33078	50.0	203017.0	0.092221	Y



Calibration / Methyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

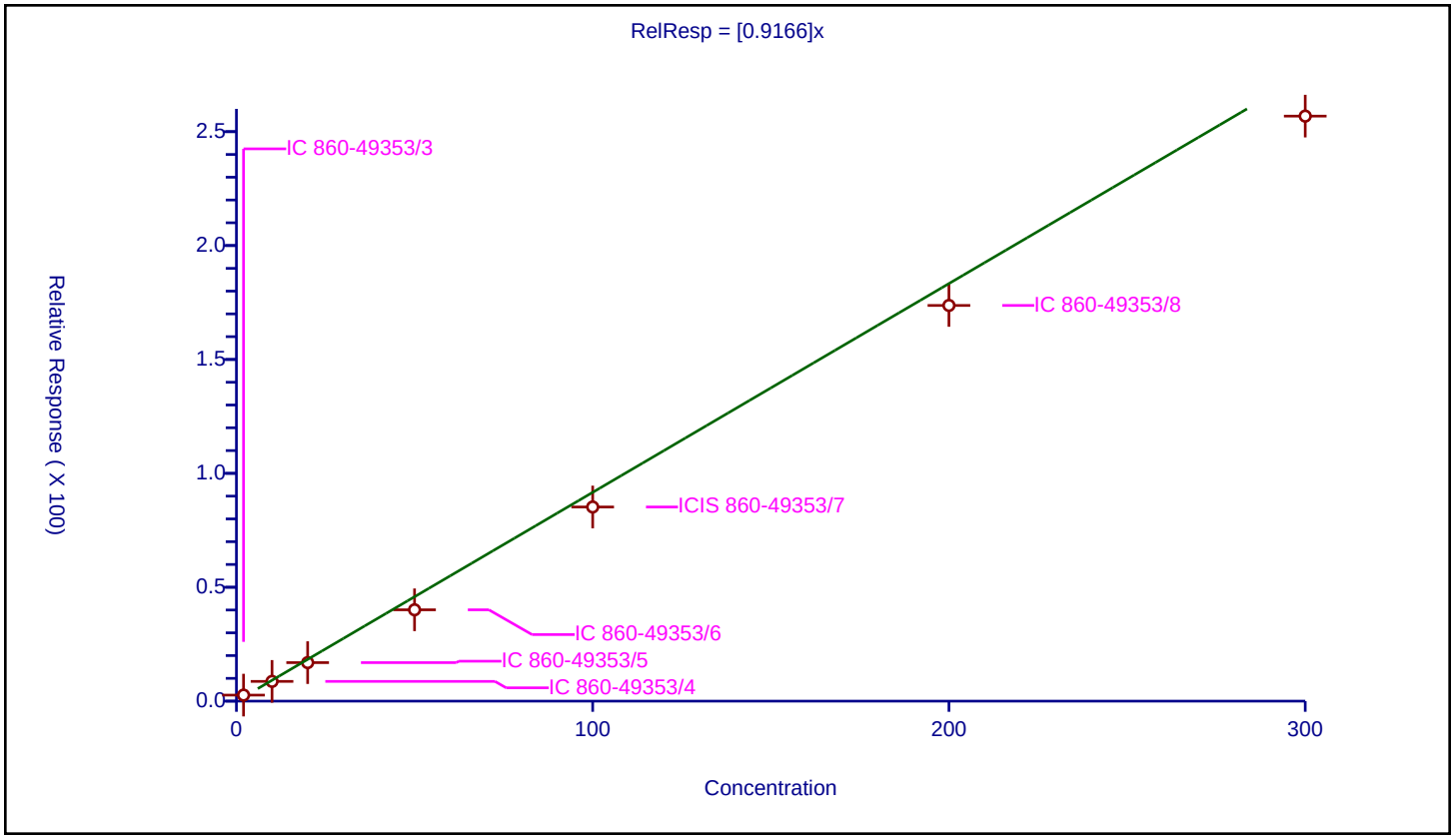
Curve Coefficients

Intercept:	0
Slope:	0.9166

Error Coefficients

Standard Error:	541000
Relative Standard Error:	19.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.944

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	2.0	2.649513	50.0	224362.0	1.324756	Y
2	IC 860-49353/4	10.0	8.669394	50.0	224612.0	0.866939	Y
3	IC 860-49353/5	20.0	16.907661	50.0	224141.0	0.845383	Y
4	IC 860-49353/6	50.0	40.100353	50.0	216336.0	0.802007	Y
5	ICIS 860-49353/7	100.0	85.2319	50.0	210220.0	0.852319	Y
6	IC 860-49353/8	200.0	173.709852	50.0	203620.0	0.868549	Y
7	IC 860-49353/9	300.0	256.83391	50.0	203017.0	0.856113	Y



Calibration / Methylene Chloride

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

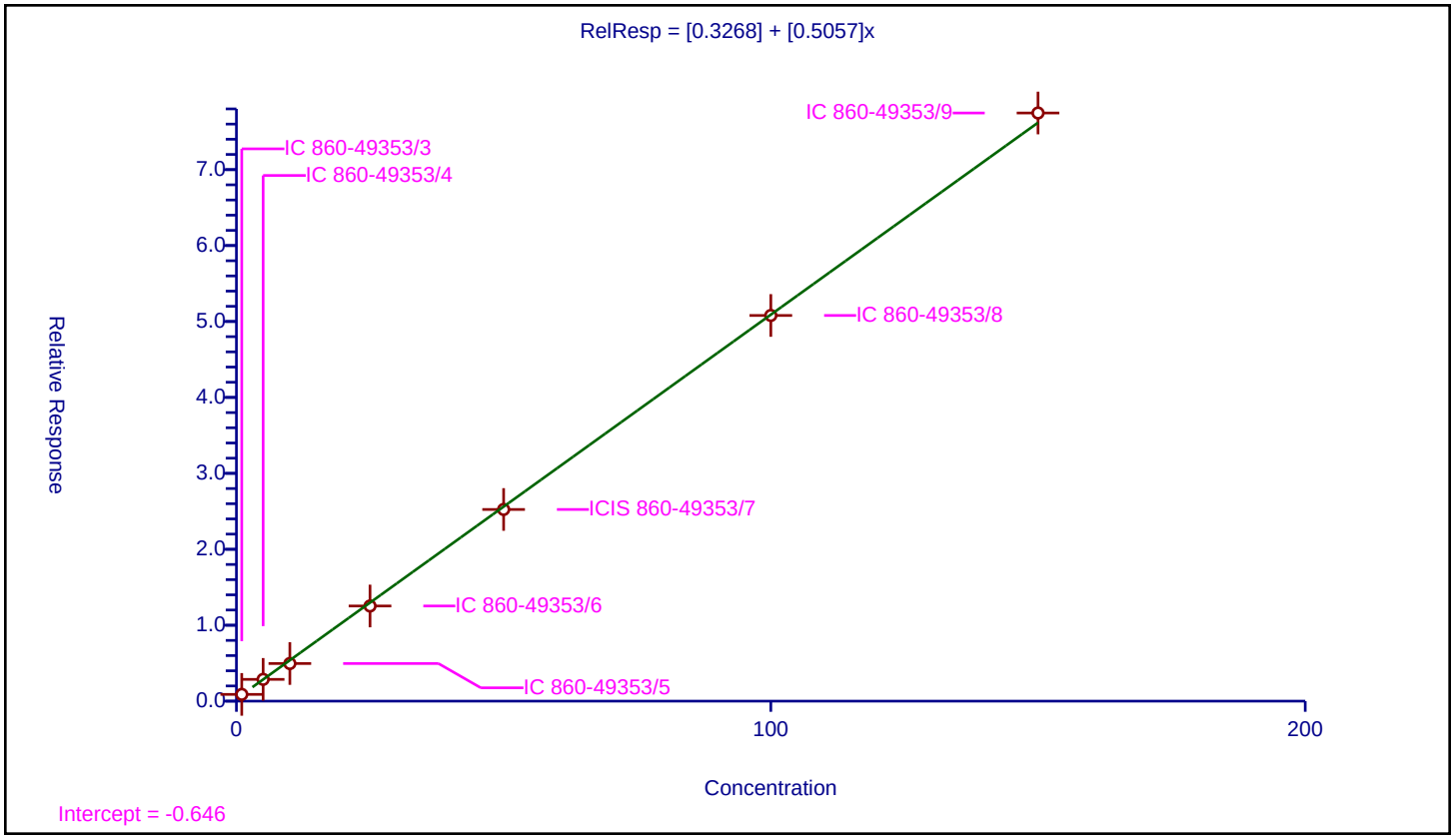
Curve Coefficients

Intercept:	0.3268
Slope:	0.5057

Error Coefficients

Standard Error:	177000
Relative Standard Error:	6.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	0.890748	50.0	224362.0	0.890748	Y
2	IC 860-49353/4	5.0	2.867389	50.0	224612.0	0.573478	Y
3	IC 860-49353/5	10.0	4.953132	50.0	224141.0	0.495313	Y
4	IC 860-49353/6	25.0	12.531895	50.0	216336.0	0.501276	Y
5	ICIS 860-49353/7	50.0	25.244981	50.0	210220.0	0.5049	Y
6	IC 860-49353/8	100.0	50.794863	50.0	203620.0	0.507949	Y
7	IC 860-49353/9	150.0	77.461001	50.0	203017.0	0.516407	Y



Calibration / 2-Methyl-2-propanol

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

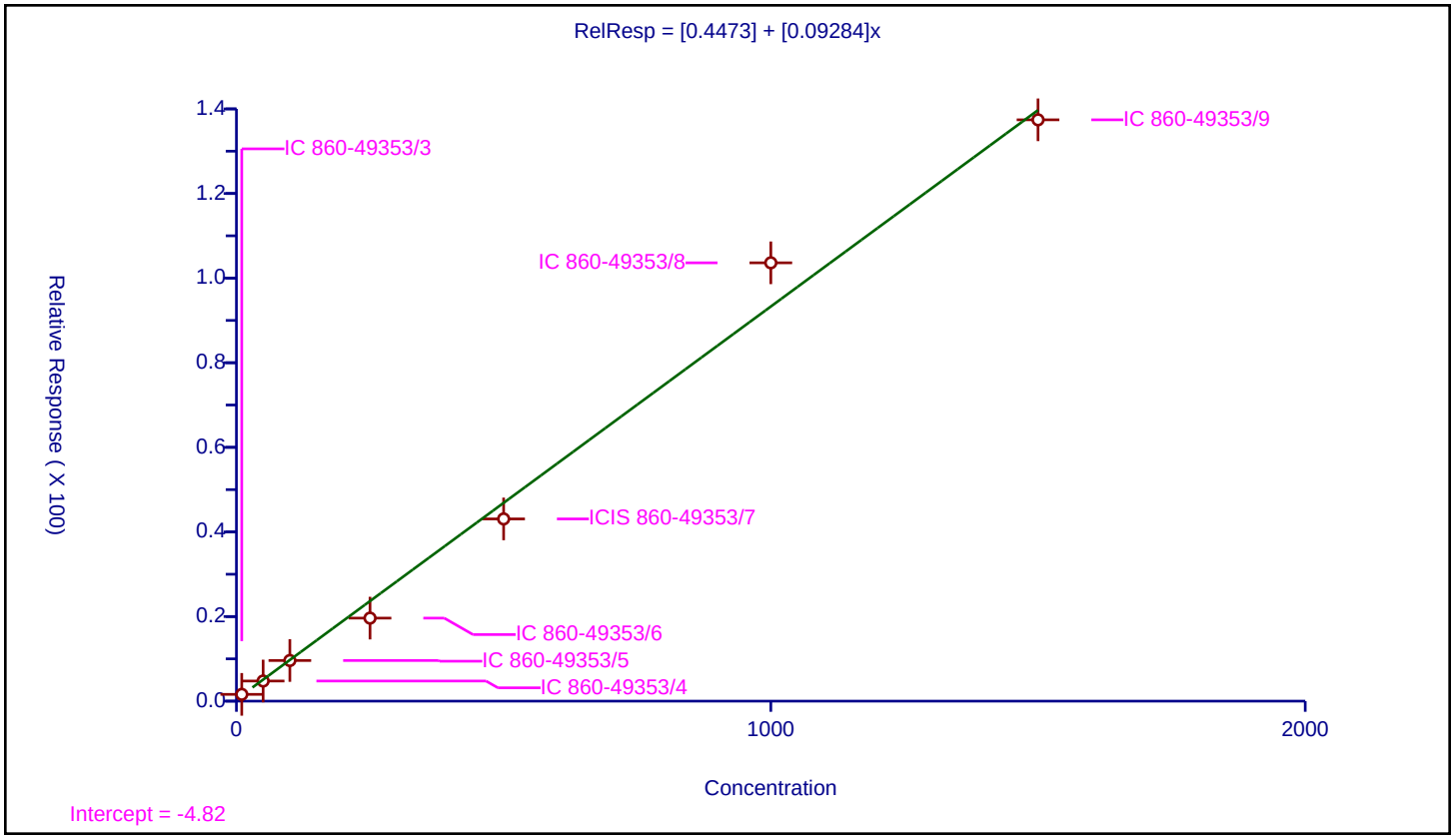
Curve Coefficients

Intercept:	0.4473
Slope:	0.09284

Error Coefficients

Standard Error:	326000
Relative Standard Error:	15.2
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	10.0	1.603658	50.0	224362.0	0.160366	Y
2	IC 860-49353/4	50.0	4.757315	50.0	224612.0	0.095146	Y
3	IC 860-49353/5	100.0	9.601545	50.0	224141.0	0.096015	Y
4	IC 860-49353/6	250.0	19.629881	50.0	216336.0	0.07852	Y
5	ICIS 860-49353/7	500.0	43.076063	50.0	210220.0	0.086152	Y
6	IC 860-49353/8	1000.0	103.613348	50.0	203620.0	0.103613	Y
7	IC 860-49353/9	1500.0	137.421004	50.0	203017.0	0.091614	Y



Calibration / Acrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

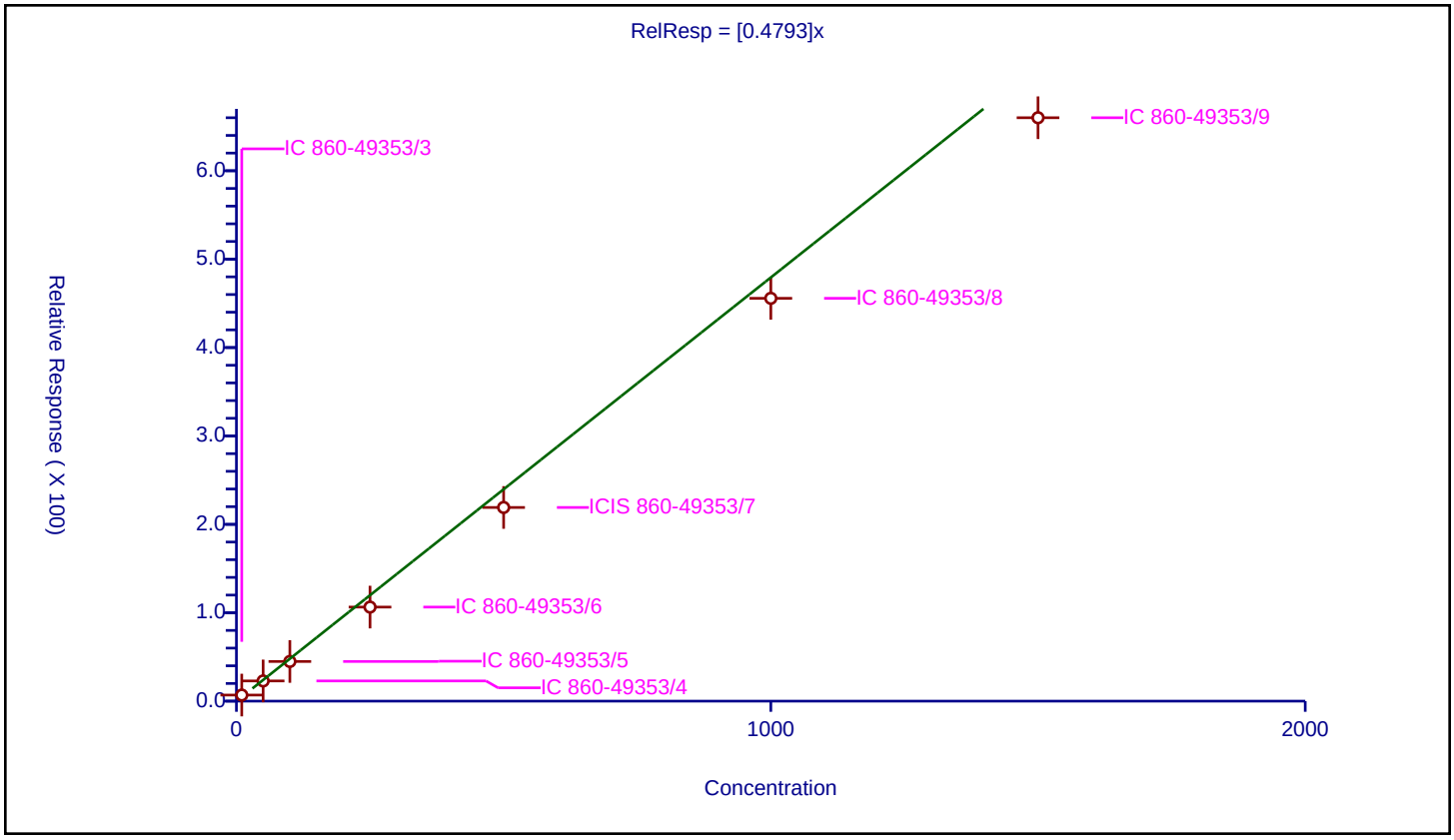
Curve Coefficients

Intercept:	0
Slope:	0.4793

Error Coefficients

Standard Error:	1400000
Relative Standard Error:	19.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.945

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	10.0	6.895776	50.0	224362.0	0.689578	Y
2	IC 860-49353/4	50.0	22.85007	50.0	224612.0	0.457001	Y
3	IC 860-49353/5	100.0	44.886032	50.0	224141.0	0.44886	Y
4	IC 860-49353/6	250.0	106.403465	50.0	216336.0	0.425614	Y
5	ICIS 860-49353/7	500.0	219.102845	50.0	210220.0	0.438206	Y
6	IC 860-49353/8	1000.0	455.712356	50.0	203620.0	0.455712	Y
7	IC 860-49353/9	1500.0	660.007044	50.0	203017.0	0.440005	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

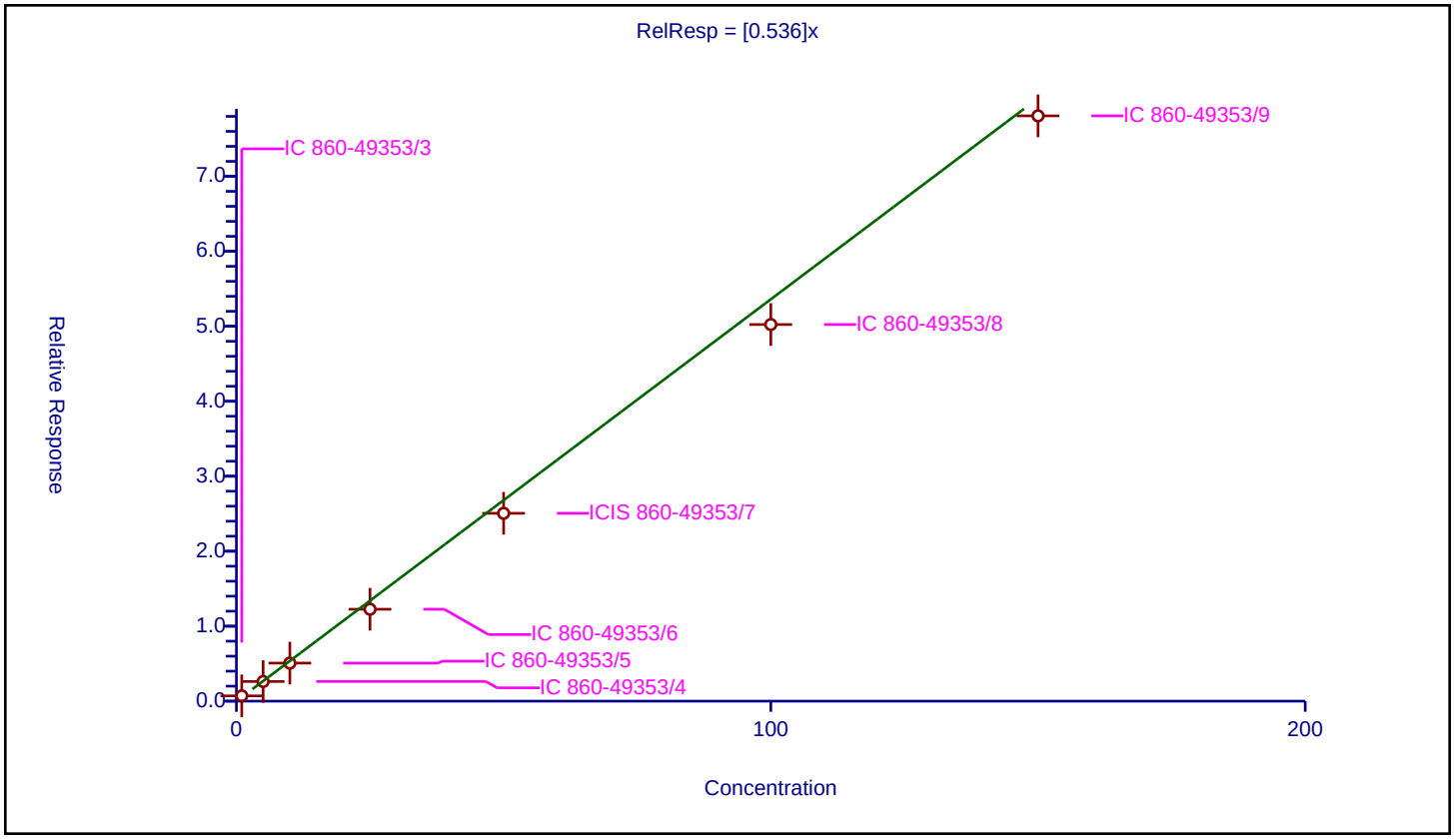
Curve Coefficients

Intercept:	0
Slope:	0.536

Error Coefficients

Standard Error:	162000
Relative Standard Error:	14.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.973

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	0.706448	50.0	224362.0	0.706448	Y
2	IC 860-49353/4	5.0	2.620296	50.0	224612.0	0.524059	Y
3	IC 860-49353/5	10.0	5.073815	50.0	224141.0	0.507382	Y
4	IC 860-49353/6	25.0	12.260327	50.0	216336.0	0.490413	Y
5	ICIS 860-49353/7	50.0	25.056607	50.0	210220.0	0.501132	Y
6	IC 860-49353/8	100.0	50.237698	50.0	203620.0	0.502377	Y
7	IC 860-49353/9	150.0	78.069571	50.0	203017.0	0.520464	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

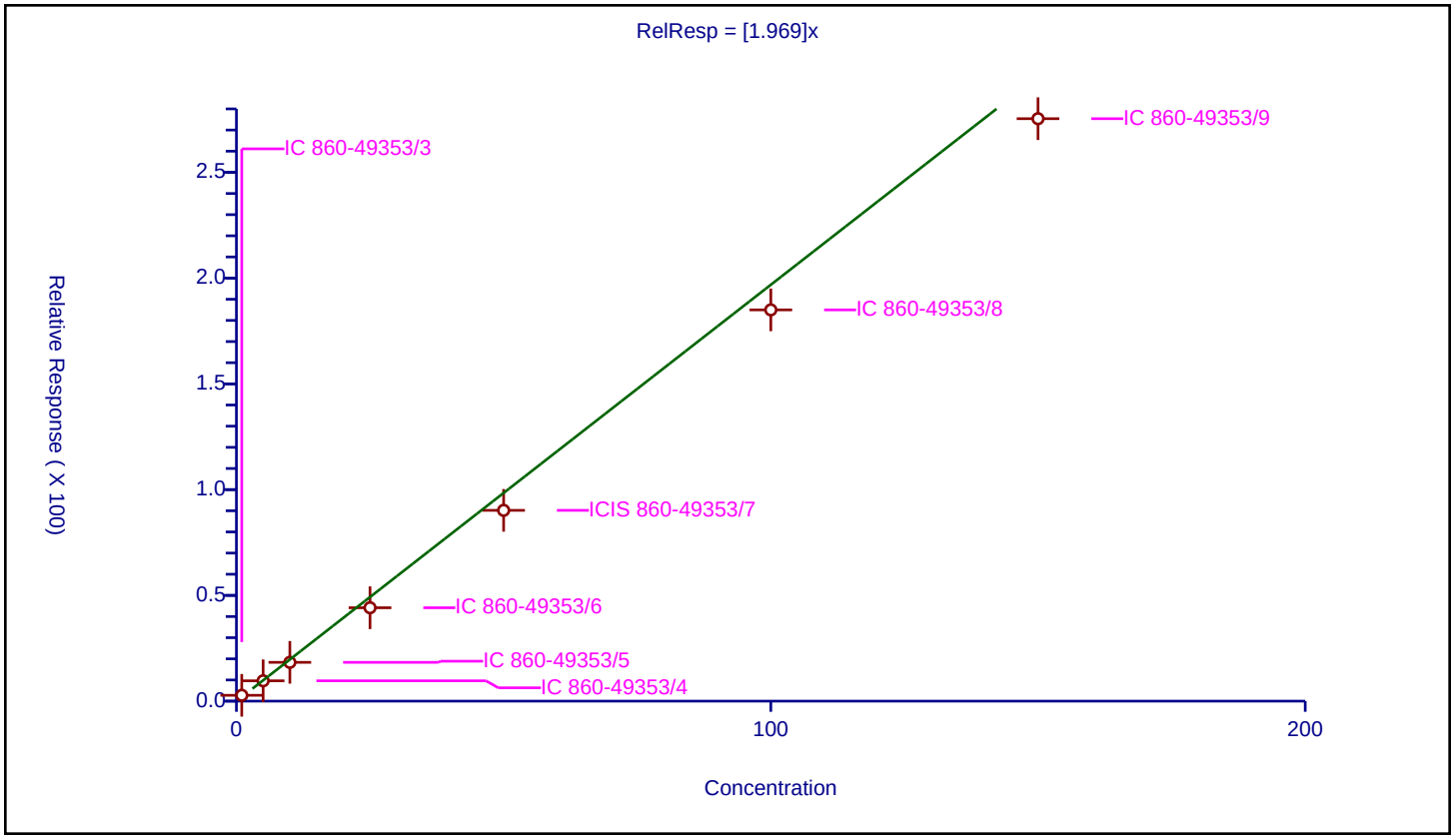
Curve Coefficients

Intercept:	0
Slope:	1.969

Error Coefficients

Standard Error:	578000
Relative Standard Error:	18.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.954

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	2.76718	50.0	224362.0	2.76718	Y
2	IC 860-49353/4	5.0	9.611018	50.0	224612.0	1.922204	Y
3	IC 860-49353/5	10.0	18.342918	50.0	224141.0	1.834292	Y
4	IC 860-49353/6	25.0	44.158624	50.0	216336.0	1.766345	Y
5	ICIS 860-49353/7	50.0	90.20098	50.0	210220.0	1.80402	Y
6	IC 860-49353/8	100.0	184.979619	50.0	203620.0	1.849796	Y
7	IC 860-49353/9	150.0	275.370289	50.0	203017.0	1.835802	Y



Calibration / Hexane

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

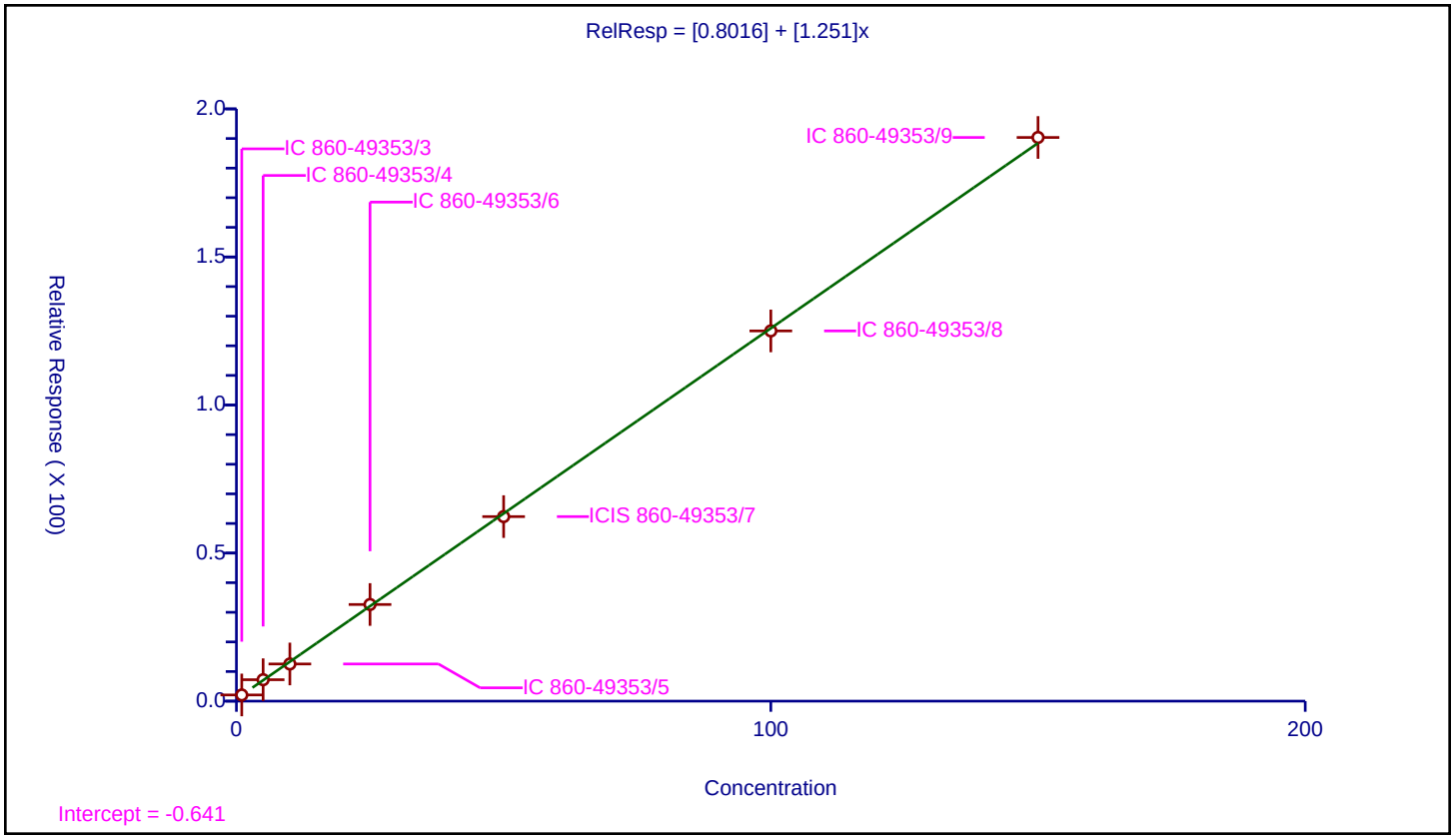
Curve Coefficients

Intercept:	0.8016
Slope:	1.251

Error Coefficients

Standard Error:	436000
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 860-49353/3	1.0	2.087252	50.0	224362.0	2.087252	Y
2	IC 860-49353/4	5.0	7.234253	50.0	224612.0	1.446851	Y
3	IC 860-49353/5	10.0	12.553928	50.0	224141.0	1.255393	Y
4	IC 860-49353/6	25.0	32.634883	50.0	216336.0	1.305395	Y
5	ICIS 860-49353/7	50.0	62.313529	50.0	210220.0	1.246271	Y
6	IC 860-49353/8	100.0	125.025538	50.0	203620.0	1.250255	Y
7	IC 860-49353/9	150.0	190.346621	50.0	203017.0	1.268977	Y



Calibration / 1,1-Dichloroethane

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

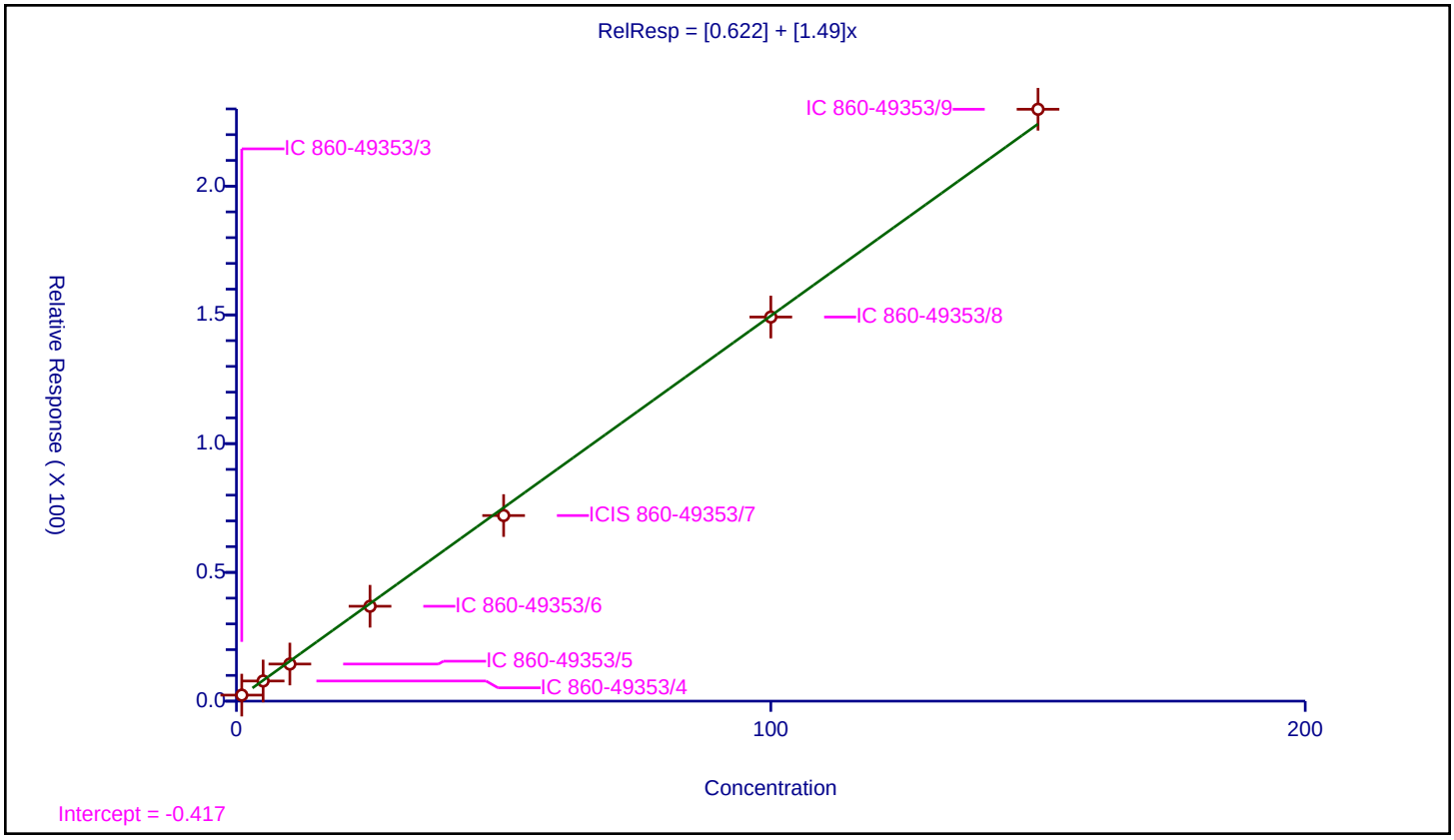
Curve Coefficients

Intercept:	0.622
Slope:	1.49

Error Coefficients

Standard Error:	522000
Relative Standard Error:	8.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	2.341974	50.0	224362.0	2.341974	Y
2	IC 860-49353/4	5.0	7.827053	50.0	224612.0	1.565411	Y
3	IC 860-49353/5	10.0	14.411241	50.0	224141.0	1.441124	Y
4	IC 860-49353/6	25.0	36.844538	50.0	216336.0	1.473782	Y
5	ICIS 860-49353/7	50.0	72.07592	50.0	210220.0	1.441518	Y
6	IC 860-49353/8	100.0	149.161919	50.0	203620.0	1.491619	Y
7	IC 860-49353/9	150.0	229.854643	50.0	203017.0	1.532364	Y



Calibration / Vinyl acetate

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

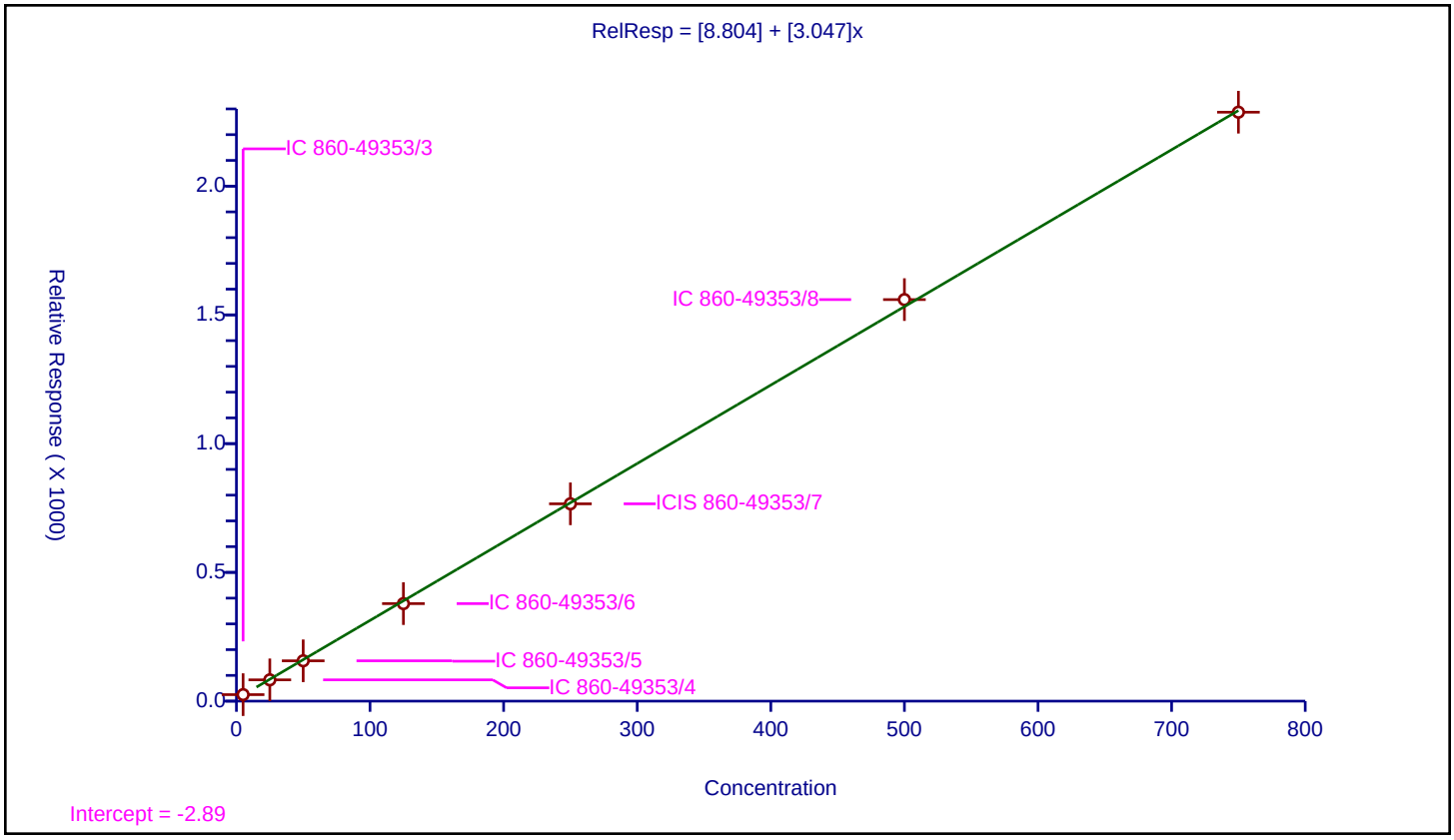
Curve Coefficients

Intercept:	8.804
Slope:	3.047

Error Coefficients

Standard Error:	5300000
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 860-49353/3	5.0	25.237785	50.0	224362.0	5.047557	Y
2	IC 860-49353/4	25.0	82.651862	50.0	224612.0	3.306074	Y
3	IC 860-49353/5	50.0	156.66567	50.0	224141.0	3.133313	Y
4	IC 860-49353/6	125.0	378.714592	50.0	216336.0	3.029717	Y
5	ICIS 860-49353/7	250.0	766.242984	50.0	210220.0	3.064972	Y
6	IC 860-49353/8	500.0	1559.371133	50.0	203620.0	3.118742	Y
7	IC 860-49353/9	750.0	2287.131373	50.0	203017.0	3.049508	Y



Calibration / 2-Chloro-1,3-butadiene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

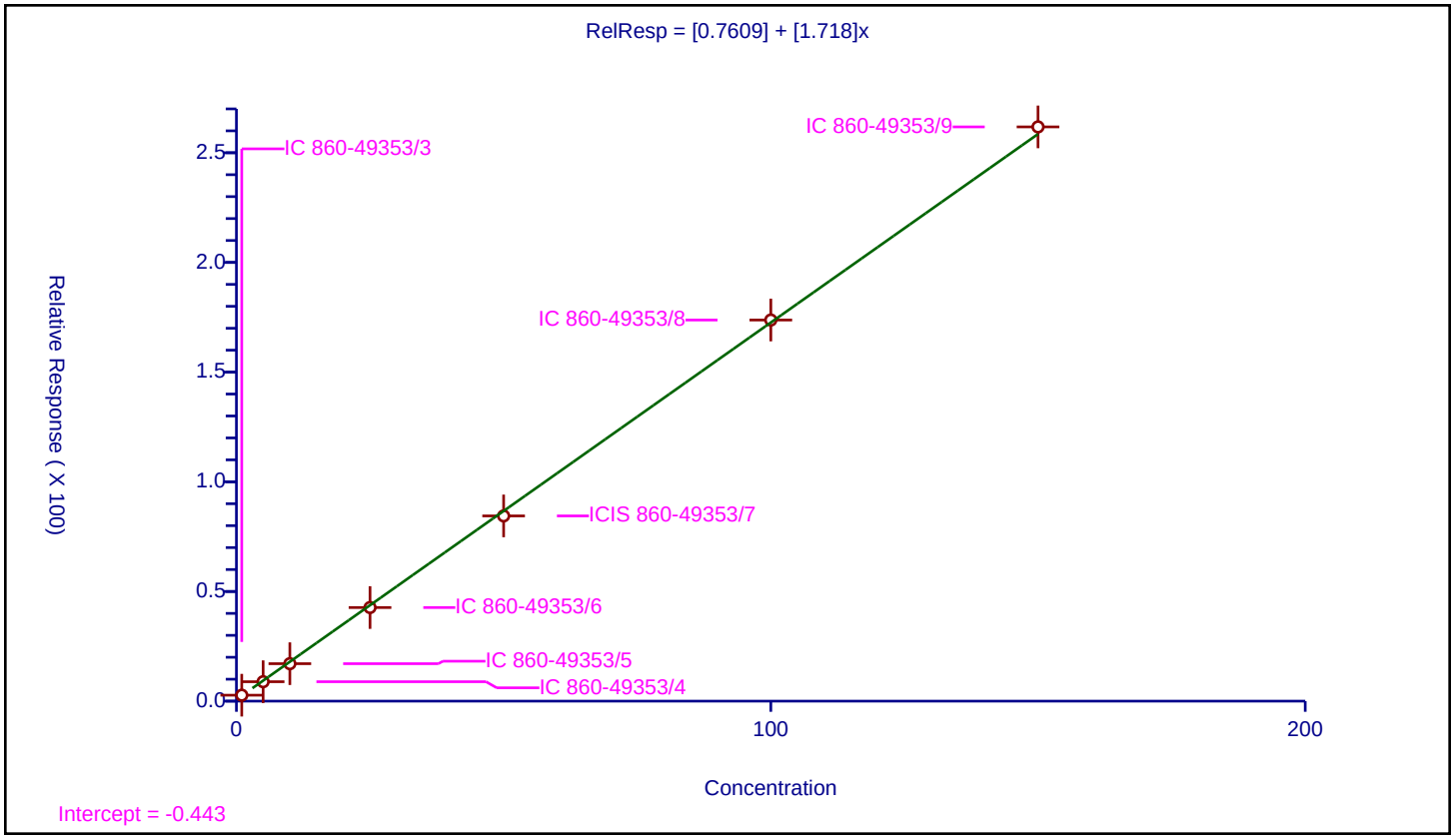
Curve Coefficients

Intercept:	0.7609
Slope:	1.718

Error Coefficients

Standard Error:	600000
Relative Standard Error:	7.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	2.71882	50.0	224362.0	2.71882	Y
2	IC 860-49353/4	5.0	8.859277	50.0	224612.0	1.771855	Y
3	IC 860-49353/5	10.0	17.073182	50.0	224141.0	1.707318	Y
4	IC 860-49353/6	25.0	42.674821	50.0	216336.0	1.706993	Y
5	ICIS 860-49353/7	50.0	84.446057	50.0	210220.0	1.688921	Y
6	IC 860-49353/8	100.0	173.753561	50.0	203620.0	1.737536	Y
7	IC 860-49353/9	150.0	261.792855	50.0	203017.0	1.745286	Y



Calibration / Isopropyl ether

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

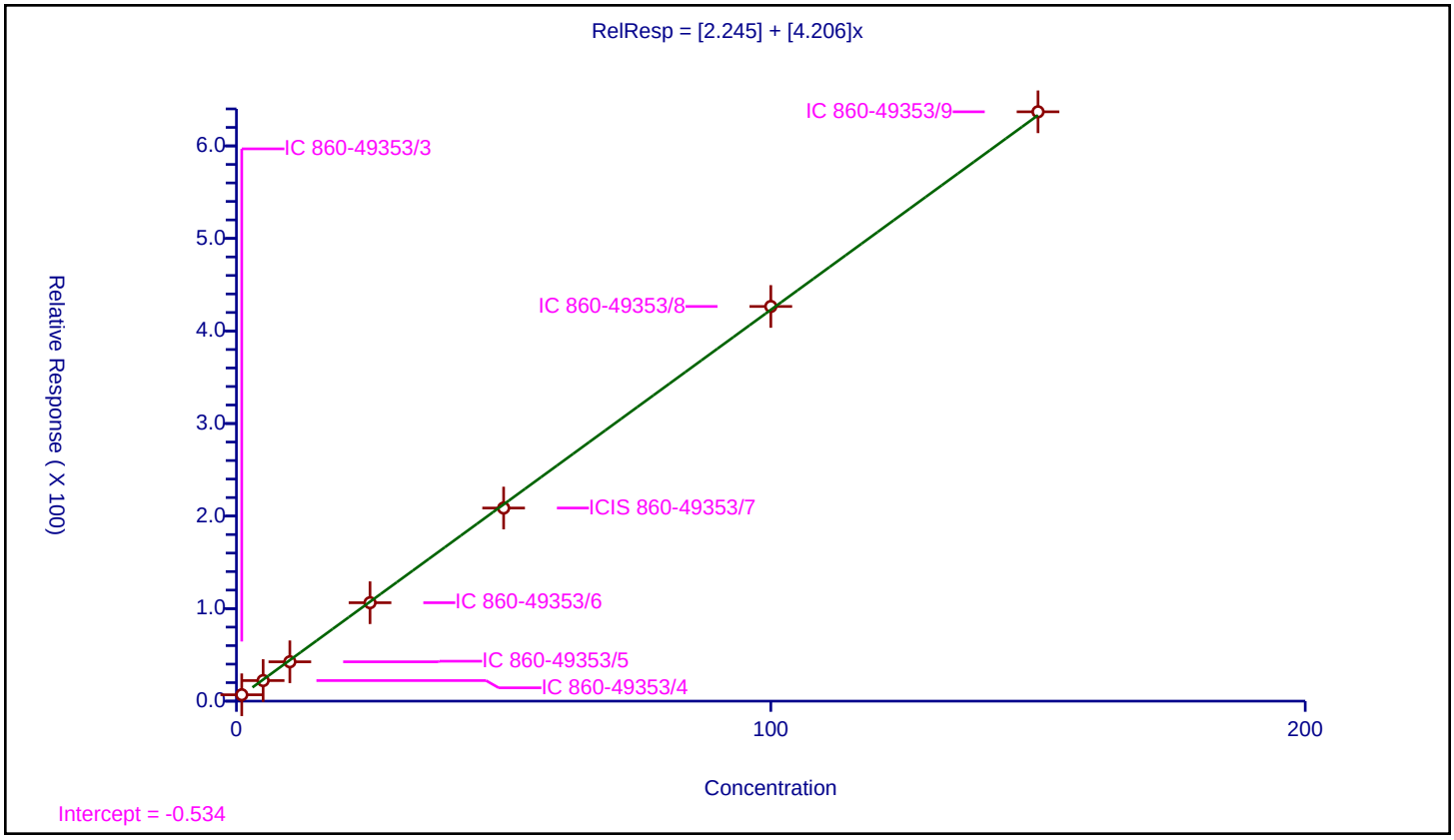
Curve Coefficients

Intercept:	2.245
Slope:	4.206

Error Coefficients

Standard Error:	1460000
Relative Standard Error:	5.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	6.893993	50.0	224362.0	6.893993	Y
2	IC 860-49353/4	5.0	22.24525	50.0	224612.0	4.44905	Y
3	IC 860-49353/5	10.0	42.534833	50.0	224141.0	4.253483	Y
4	IC 860-49353/6	25.0	106.371339	50.0	216336.0	4.254854	Y
5	ICIS 860-49353/7	50.0	208.668538	50.0	210220.0	4.173371	Y
6	IC 860-49353/8	100.0	426.502063	50.0	203620.0	4.265021	Y
7	IC 860-49353/9	150.0	636.868341	50.0	203017.0	4.245789	Y



Calibration / Tert-butyl ethyl ether

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

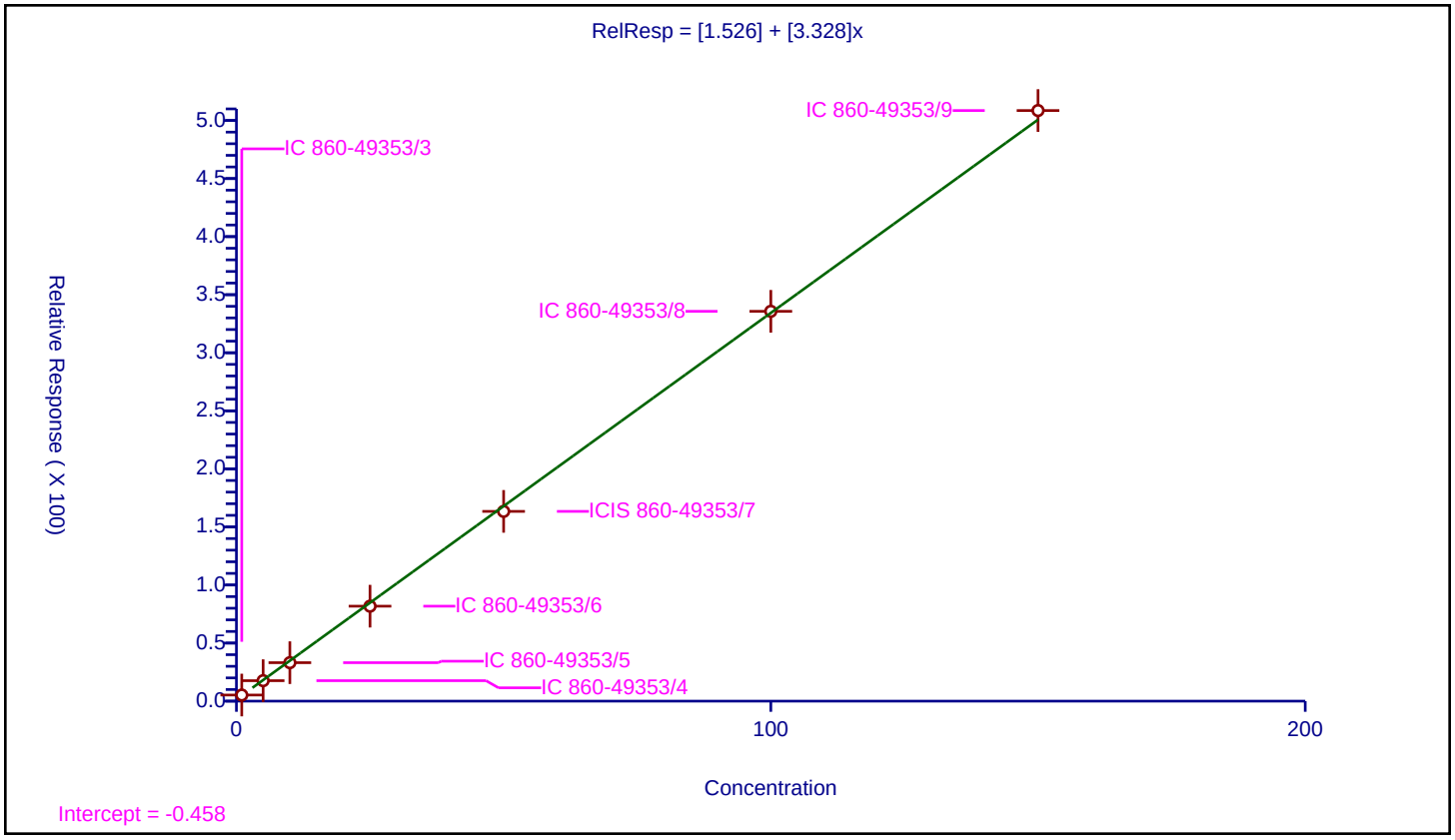
Curve Coefficients

Intercept:	1.526
Slope:	3.328

Error Coefficients

Standard Error:	1160000
Relative Standard Error:	6.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	5.270723	50.0	224362.0	5.270723	Y
2	IC 860-49353/4	5.0	17.62506	50.0	224612.0	3.525012	Y
3	IC 860-49353/5	10.0	33.1345	50.0	224141.0	3.31345	Y
4	IC 860-49353/6	25.0	81.765402	50.0	216336.0	3.270616	Y
5	ICIS 860-49353/7	50.0	163.40881	50.0	210220.0	3.268176	Y
6	IC 860-49353/8	100.0	335.696395	50.0	203620.0	3.356964	Y
7	IC 860-49353/9	150.0	508.587458	50.0	203017.0	3.390583	Y



Calibration / 2,2-Dichloropropane

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

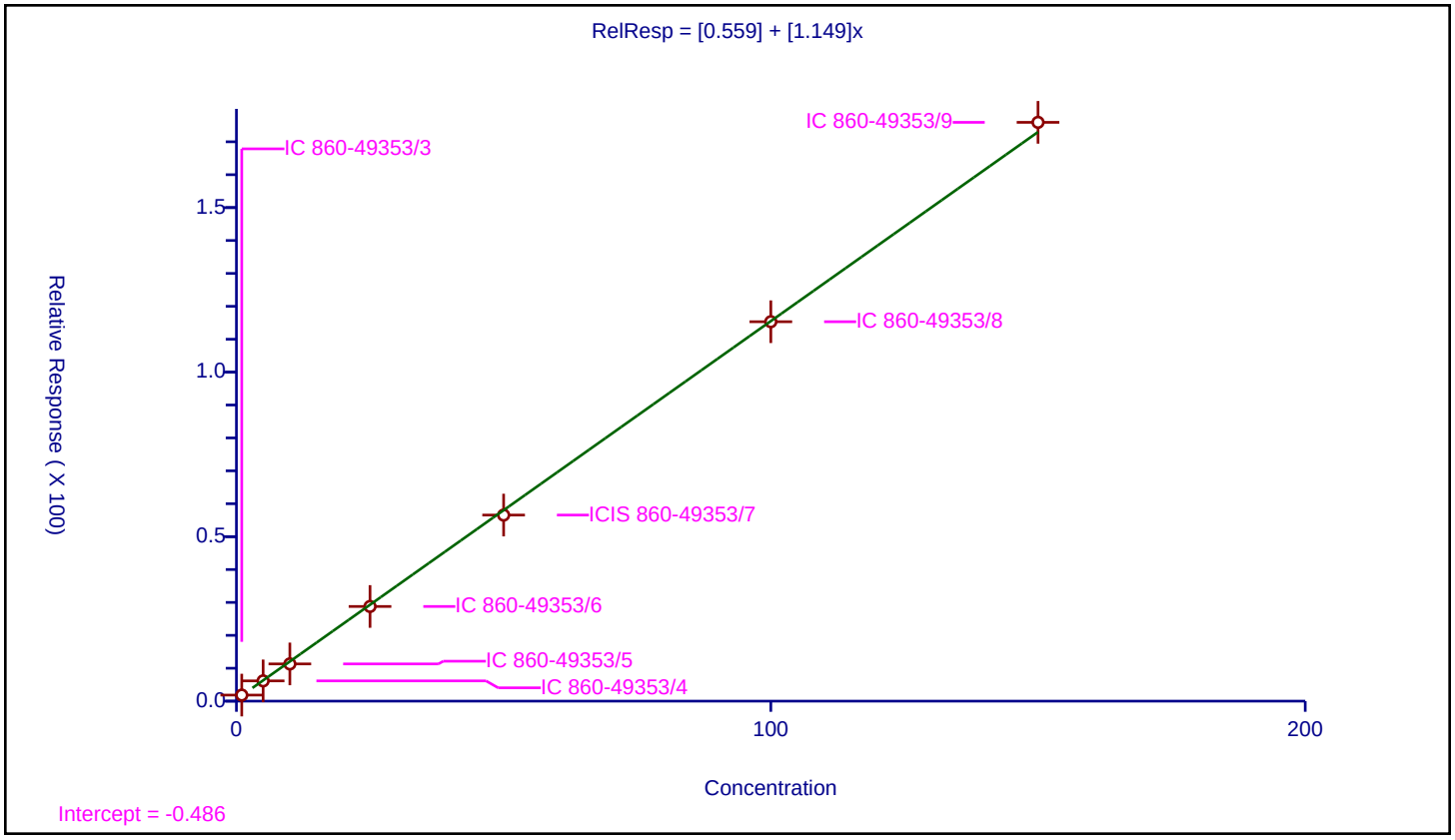
Curve Coefficients

Intercept:	0.559
Slope:	1.149

Error Coefficients

Standard Error:	401000
Relative Standard Error:	6.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	1.844564	50.0	224362.0	1.844564	Y
2	IC 860-49353/4	5.0	6.159288	50.0	224612.0	1.231858	Y
3	IC 860-49353/5	10.0	11.311407	50.0	224141.0	1.131141	Y
4	IC 860-49353/6	25.0	28.773528	50.0	216336.0	1.150941	Y
5	ICIS 860-49353/7	50.0	56.551232	50.0	210220.0	1.131025	Y
6	IC 860-49353/8	100.0	115.311364	50.0	203620.0	1.153114	Y
7	IC 860-49353/9	150.0	175.908914	50.0	203017.0	1.172726	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

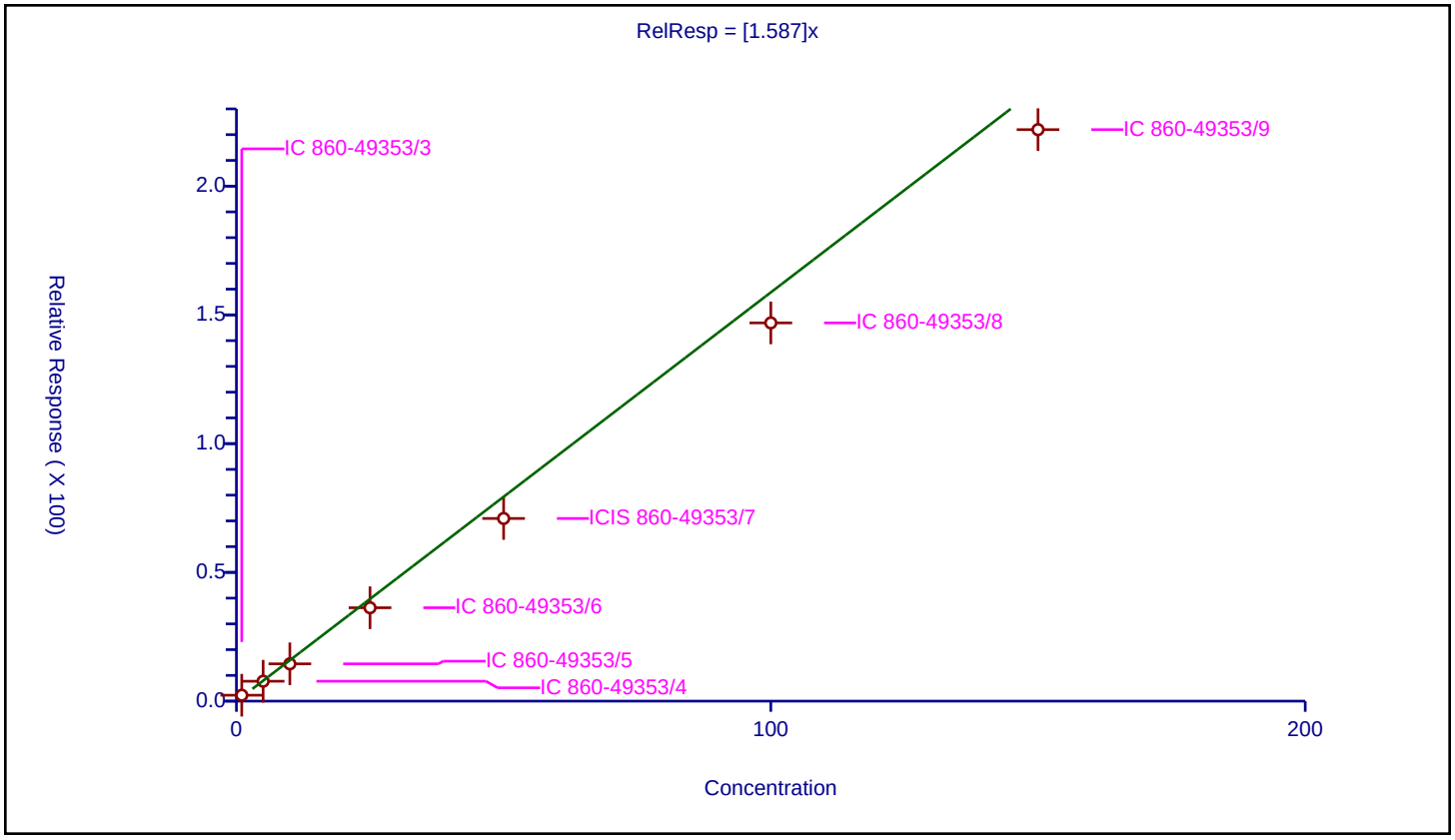
Curve Coefficients

Intercept:	0
Slope:	1.587

Error Coefficients

Standard Error:	463000
Relative Standard Error:	19.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.943

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	2.298518	50.0	224362.0	2.298518	Y
2	IC 860-49353/4	5.0	7.733336	50.0	224612.0	1.546667	Y
3	IC 860-49353/5	10.0	14.485971	50.0	224141.0	1.448597	Y
4	IC 860-49353/6	25.0	36.265115	50.0	216336.0	1.450605	Y
5	ICIS 860-49353/7	50.0	70.937827	50.0	210220.0	1.418757	Y
6	IC 860-49353/8	100.0	146.893724	50.0	203620.0	1.468937	Y
7	IC 860-49353/9	150.0	221.941759	50.0	203017.0	1.479612	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

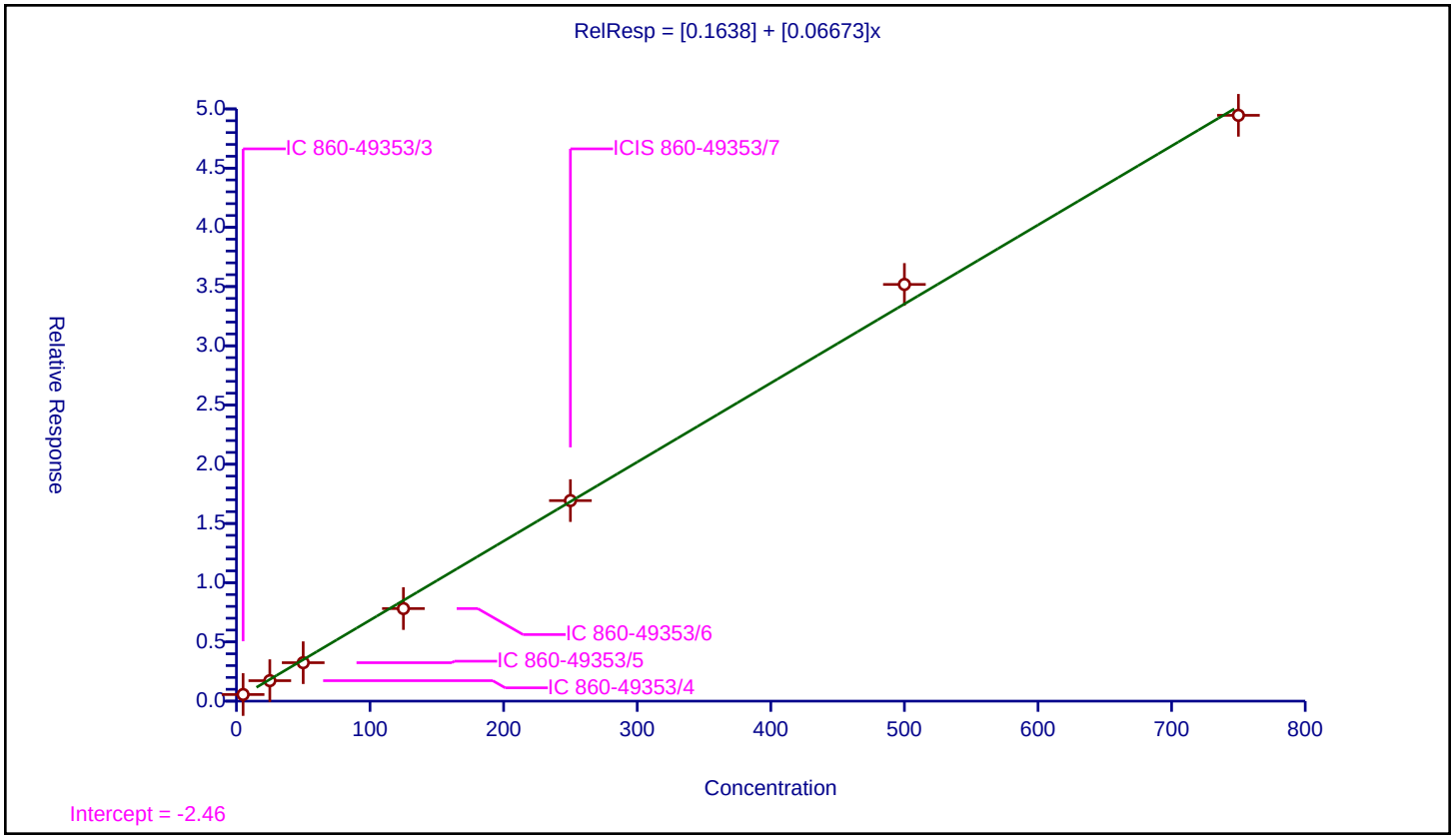
Curve Coefficients

Intercept:	0.1638
Slope:	0.06673

Error Coefficients

Standard Error:	116000
Relative Standard Error:	10.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	5.0	0.558027	50.0	224362.0	0.111605	Y
2	IC 860-49353/4	25.0	1.728536	50.0	224612.0	0.069141	Y
3	IC 860-49353/5	50.0	3.244832	50.0	224141.0	0.064897	Y
4	IC 860-49353/6	125.0	7.815389	50.0	216336.0	0.062523	Y
5	ICIS 860-49353/7	250.0	16.930121	50.0	210220.0	0.06772	Y
6	IC 860-49353/8	500.0	35.180483	50.0	203620.0	0.070361	Y
7	IC 860-49353/9	750.0	49.458173	50.0	203017.0	0.065944	Y



Calibration / Ethyl acetate

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

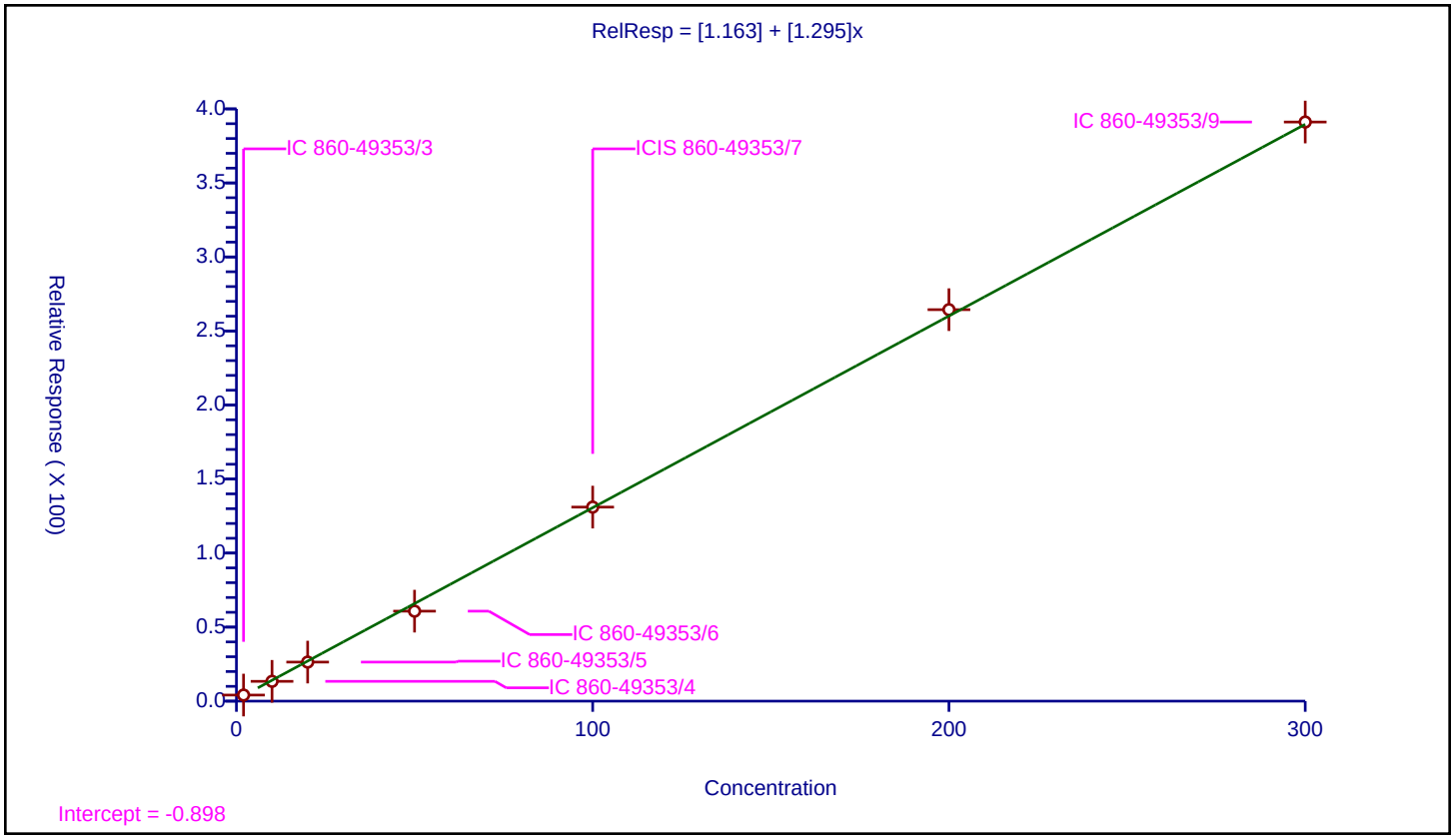
Curve Coefficients

Intercept:	1.163
Slope:	1.295

Error Coefficients

Standard Error:	902000
Relative Standard Error:	7.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	2.0	4.113442	50.0	224362.0	2.056721	Y
2	IC 860-49353/4	10.0	13.371503	50.0	224612.0	1.33715	Y
3	IC 860-49353/5	20.0	26.384954	50.0	224141.0	1.319248	Y
4	IC 860-49353/6	50.0	60.765199	50.0	216336.0	1.215304	Y
5	ICIS 860-49353/7	100.0	131.05128	50.0	210220.0	1.310513	Y
6	IC 860-49353/8	200.0	264.411404	50.0	203620.0	1.322057	Y
7	IC 860-49353/9	300.0	391.135718	50.0	203017.0	1.303786	Y



Calibration / Propionitrile

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

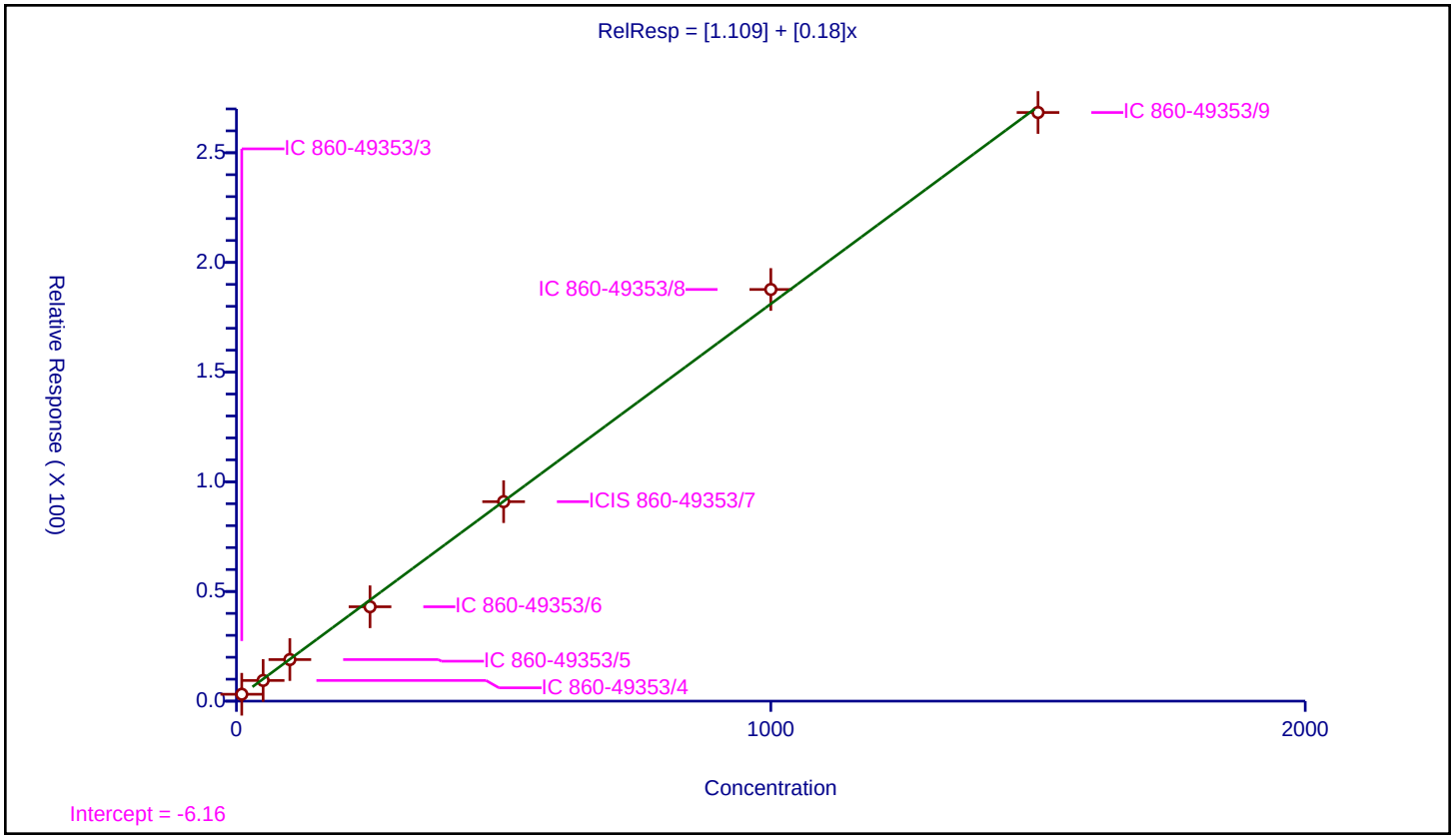
Curve Coefficients

Intercept:	1.109
Slope:	0.18

Error Coefficients

Standard Error:	626000
Relative Standard Error:	7.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	10.0	3.138455	50.0	224362.0	0.313845	Y
2	IC 860-49353/4	50.0	9.432265	50.0	224612.0	0.188645	Y
3	IC 860-49353/5	100.0	18.953248	50.0	224141.0	0.189532	Y
4	IC 860-49353/6	250.0	43.026819	50.0	216336.0	0.172107	Y
5	ICIS 860-49353/7	500.0	90.937589	50.0	210220.0	0.181875	Y
6	IC 860-49353/8	1000.0	187.673853	50.0	203620.0	0.187674	Y
7	IC 860-49353/9	1500.0	268.360531	50.0	203017.0	0.178907	Y



Calibration / Chlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

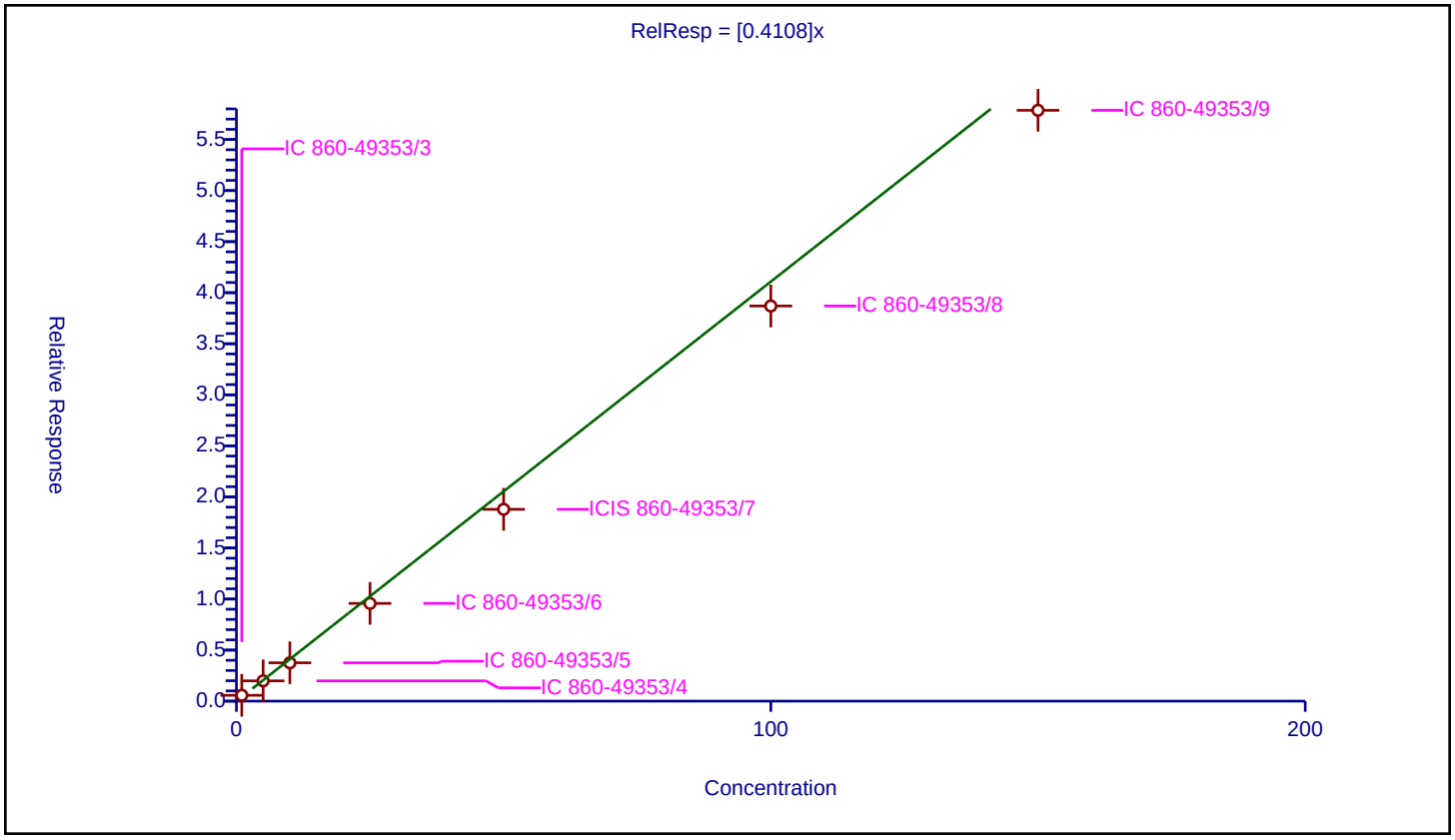
Curve Coefficients

Intercept:	0
Slope:	0.4108

Error Coefficients

Standard Error:	121000
Relative Standard Error:	17.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.958

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	0.571621	50.0	224362.0	0.571621	Y
2	IC 860-49353/4	5.0	1.986537	50.0	224612.0	0.397307	Y
3	IC 860-49353/5	10.0	3.755895	50.0	224141.0	0.375589	Y
4	IC 860-49353/6	25.0	9.57076	50.0	216336.0	0.38283	Y
5	ICIS 860-49353/7	50.0	18.786985	50.0	210220.0	0.37574	Y
6	IC 860-49353/8	100.0	38.697083	50.0	203620.0	0.386971	Y
7	IC 860-49353/9	150.0	57.861657	50.0	203017.0	0.385744	Y



Calibration / Methacrylonitrile

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

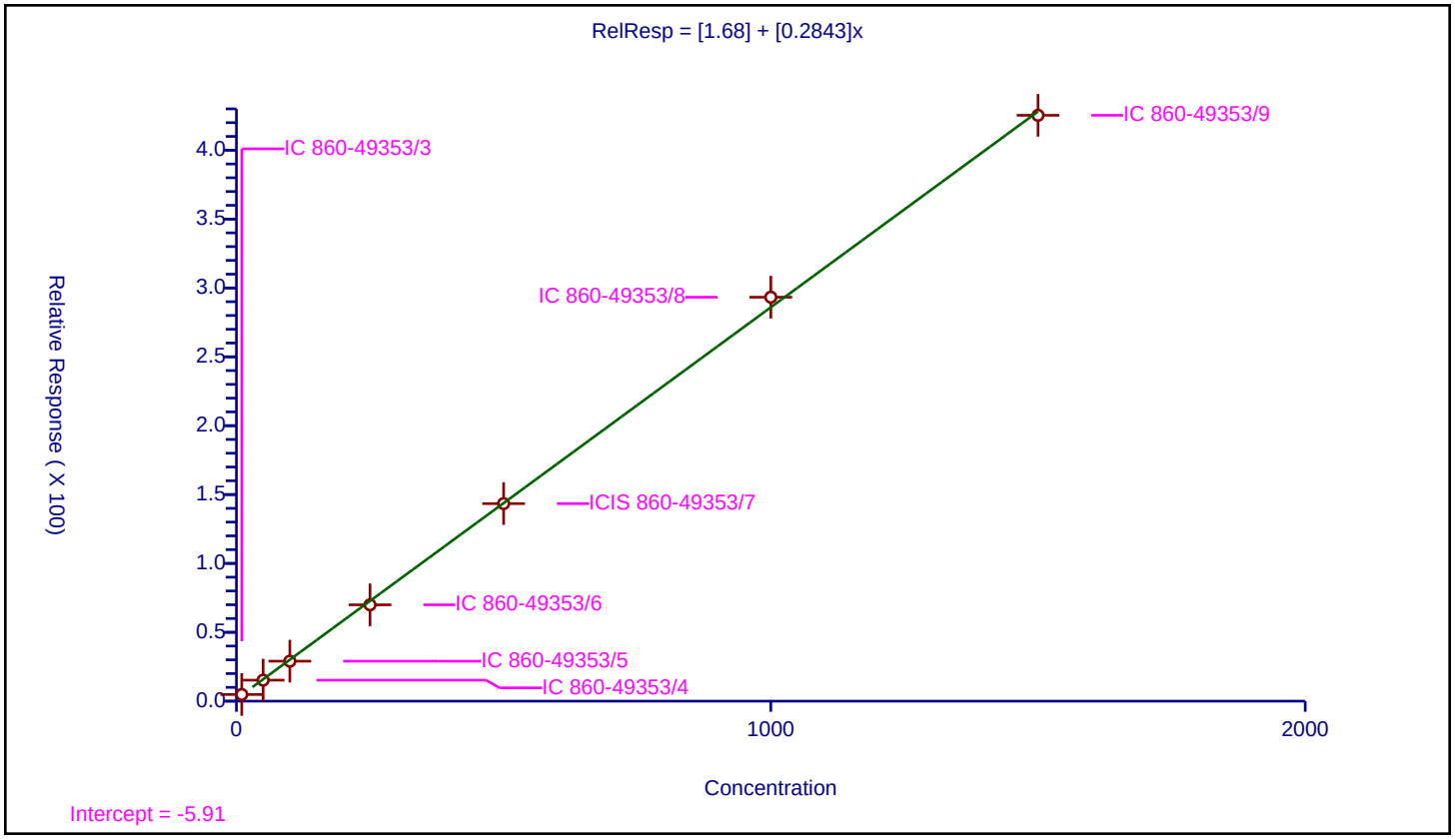
Curve Coefficients

Intercept:	1.68
Slope:	0.2843

Error Coefficients

Standard Error:	988000
Relative Standard Error:	5.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	10.0	4.824124	50.0	224362.0	0.482412	Y
2	IC 860-49353/4	50.0	15.246069	50.0	224612.0	0.304921	Y
3	IC 860-49353/5	100.0	29.035964	50.0	224141.0	0.29036	Y
4	IC 860-49353/6	250.0	69.941665	50.0	216336.0	0.279767	Y
5	ICIS 860-49353/7	500.0	143.41428	50.0	210220.0	0.286829	Y
6	IC 860-49353/8	1000.0	293.278902	50.0	203620.0	0.293279	Y
7	IC 860-49353/9	1500.0	425.336302	50.0	203017.0	0.283558	Y



Calibration / Tetrahydrofuran

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

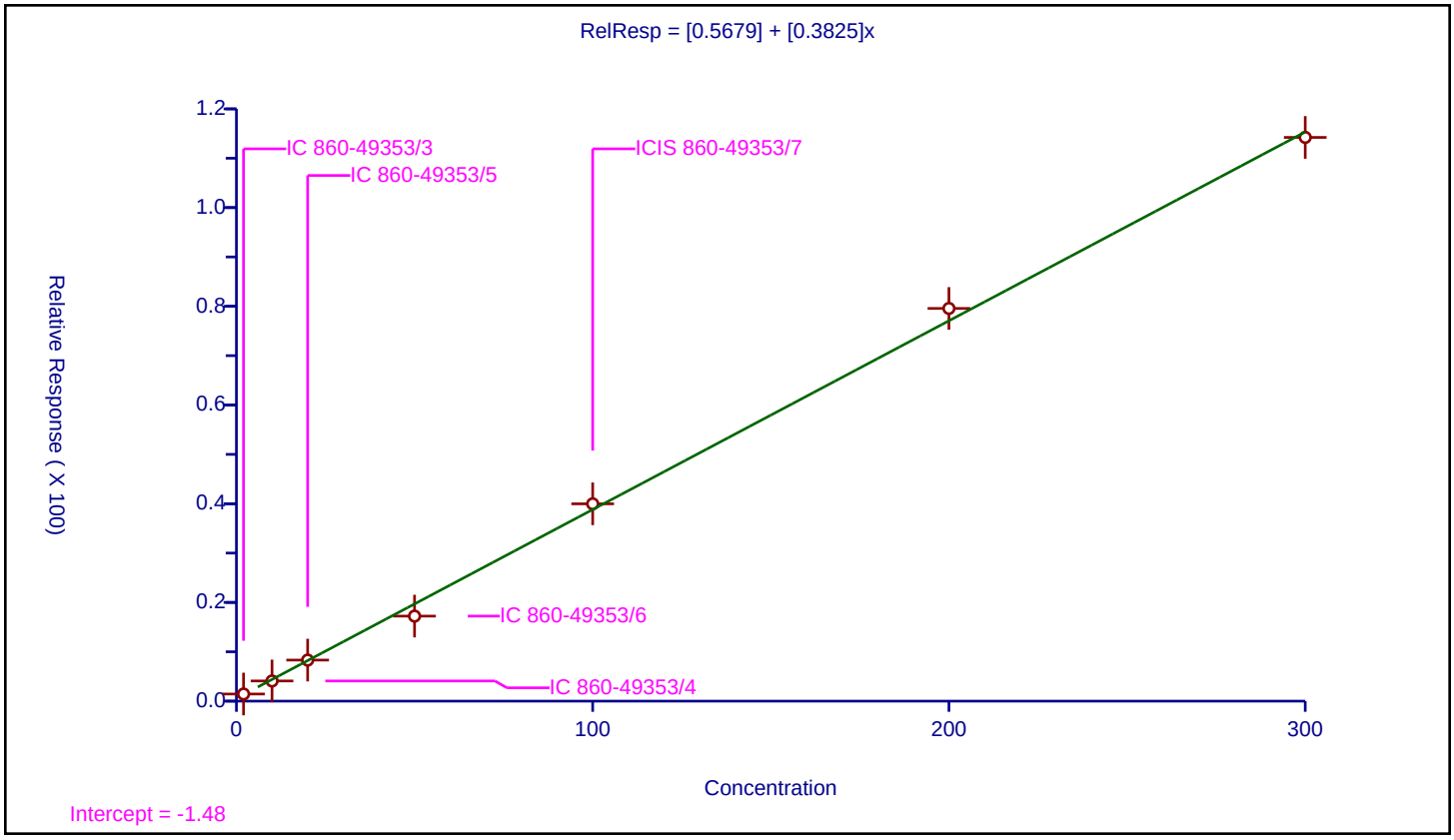
Curve Coefficients

Intercept:	0.5679
Slope:	0.3825

Error Coefficients

Standard Error:	267000
Relative Standard Error:	9.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	2.0	1.441421	50.0	224362.0	0.72071	Y
2	IC 860-49353/4	10.0	4.089274	50.0	224612.0	0.408927	Y
3	IC 860-49353/5	20.0	8.318201	50.0	224141.0	0.41591	Y
4	IC 860-49353/6	50.0	17.230142	50.0	216336.0	0.344603	Y
5	ICIS 860-49353/7	100.0	39.980021	50.0	210220.0	0.3998	Y
6	IC 860-49353/8	200.0	79.570524	50.0	203620.0	0.397853	Y
7	IC 860-49353/9	300.0	114.221962	50.0	203017.0	0.38074	Y



Calibration / Chloroform

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

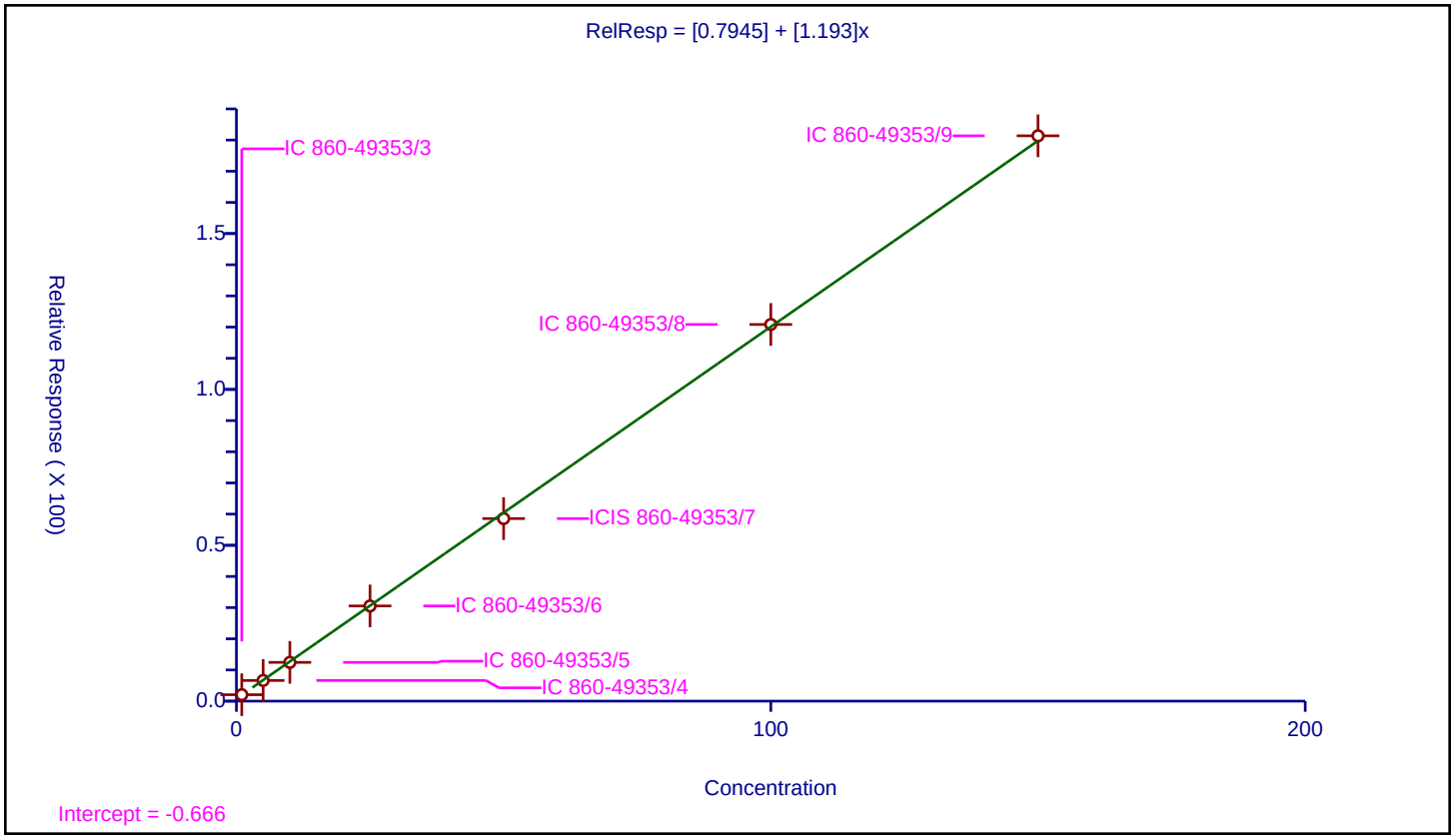
Curve Coefficients

Intercept:	0.7945
Slope:	1.193

Error Coefficients

Standard Error:	416000
Relative Standard Error:	3.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	2.066526	50.0	224362.0	2.066526	Y
2	IC 860-49353/4	5.0	6.629877	50.0	224612.0	1.325975	Y
3	IC 860-49353/5	10.0	12.432353	50.0	224141.0	1.243235	Y
4	IC 860-49353/6	25.0	30.535602	50.0	216336.0	1.221424	Y
5	ICIS 860-49353/7	50.0	58.567453	50.0	210220.0	1.171349	Y
6	IC 860-49353/8	100.0	120.841519	50.0	203620.0	1.208415	Y
7	IC 860-49353/9	150.0	181.359935	50.0	203017.0	1.209066	Y



Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

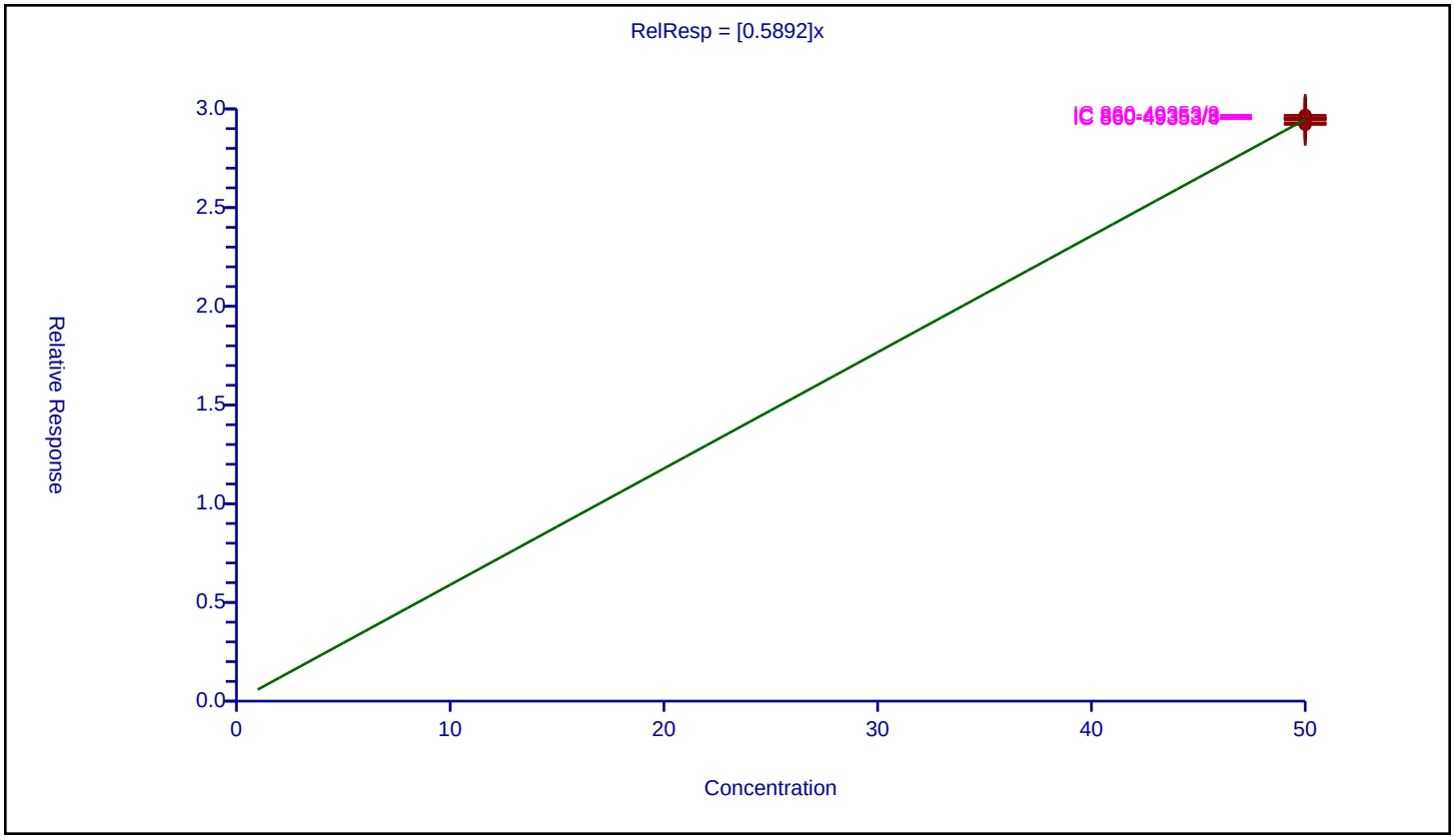
Curve Coefficients

Intercept:	0
Slope:	0.5892

Error Coefficients

Standard Error:	137000
Relative Standard Error:	0.5
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	50.0	29.546002	50.0	224362.0	0.59092	Y
2	IC 860-49353/4	50.0	29.505325	50.0	224612.0	0.590106	Y
3	IC 860-49353/5	50.0	29.296737	50.0	224141.0	0.585935	Y
4	IC 860-49353/6	50.0	29.543164	50.0	216336.0	0.590863	Y
5	ICIS 860-49353/7	50.0	29.213443	50.0	210220.0	0.584269	Y
6	IC 860-49353/8	50.0	29.453885	50.0	203620.0	0.589078	Y
7	IC 860-49353/9	50.0	29.674362	50.0	203017.0	0.593487	Y



Calibration / 1,1,1-Trichloroethane

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

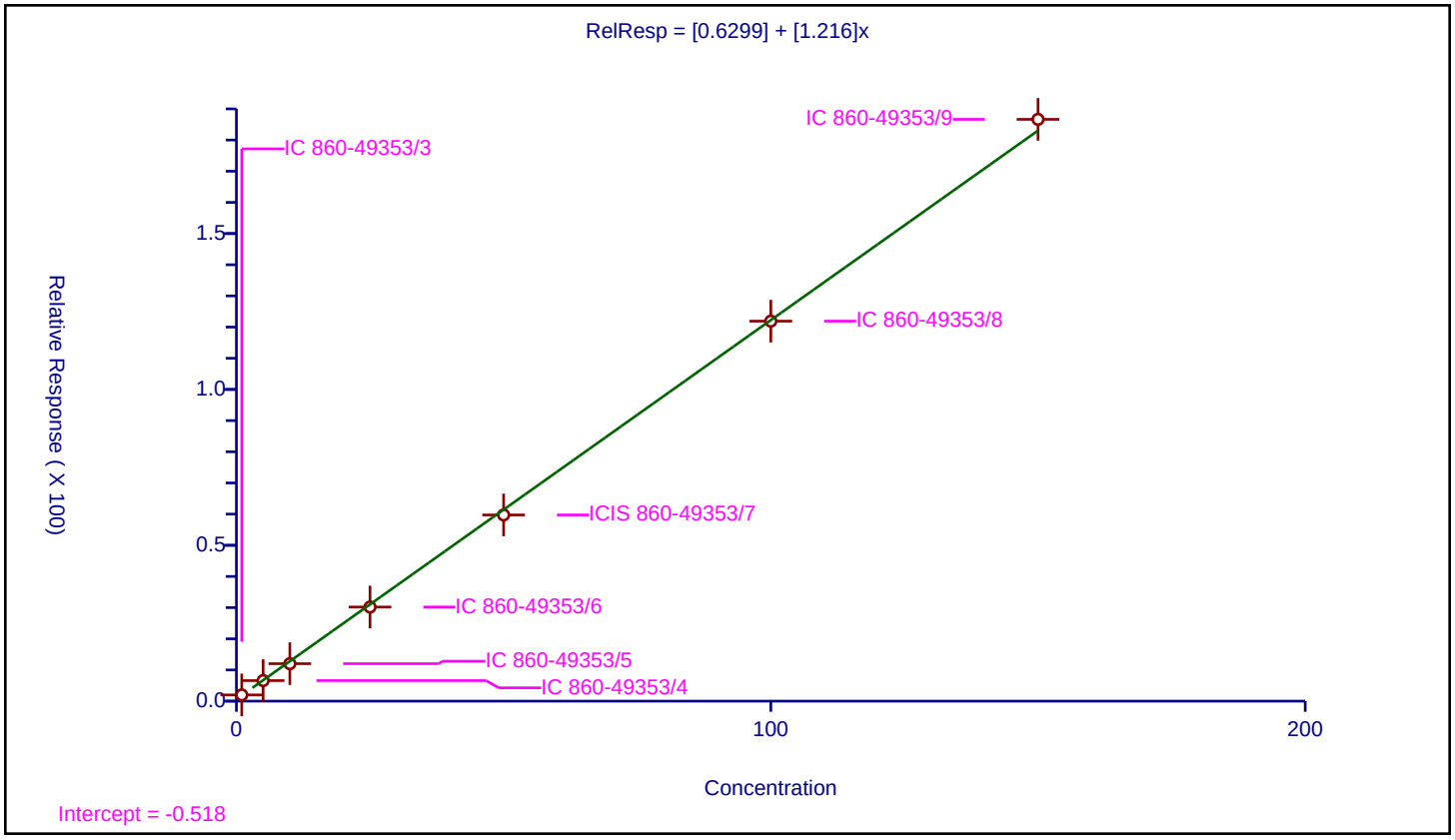
Curve Coefficients

Intercept:	0.6299
Slope:	1.216

Error Coefficients

Standard Error:	425000
Relative Standard Error:	6.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	1.993876	50.0	224362.0	1.993876	Y
2	IC 860-49353/4	5.0	6.58914	50.0	224612.0	1.317828	Y
3	IC 860-49353/5	10.0	12.020558	50.0	224141.0	1.202056	Y
4	IC 860-49353/6	25.0	30.189381	50.0	216336.0	1.207575	Y
5	ICIS 860-49353/7	50.0	59.73385	50.0	210220.0	1.194677	Y
6	IC 860-49353/8	100.0	121.911649	50.0	203620.0	1.219116	Y
7	IC 860-49353/9	150.0	186.64102	50.0	203017.0	1.244273	Y



Calibration / Cyclohexane

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

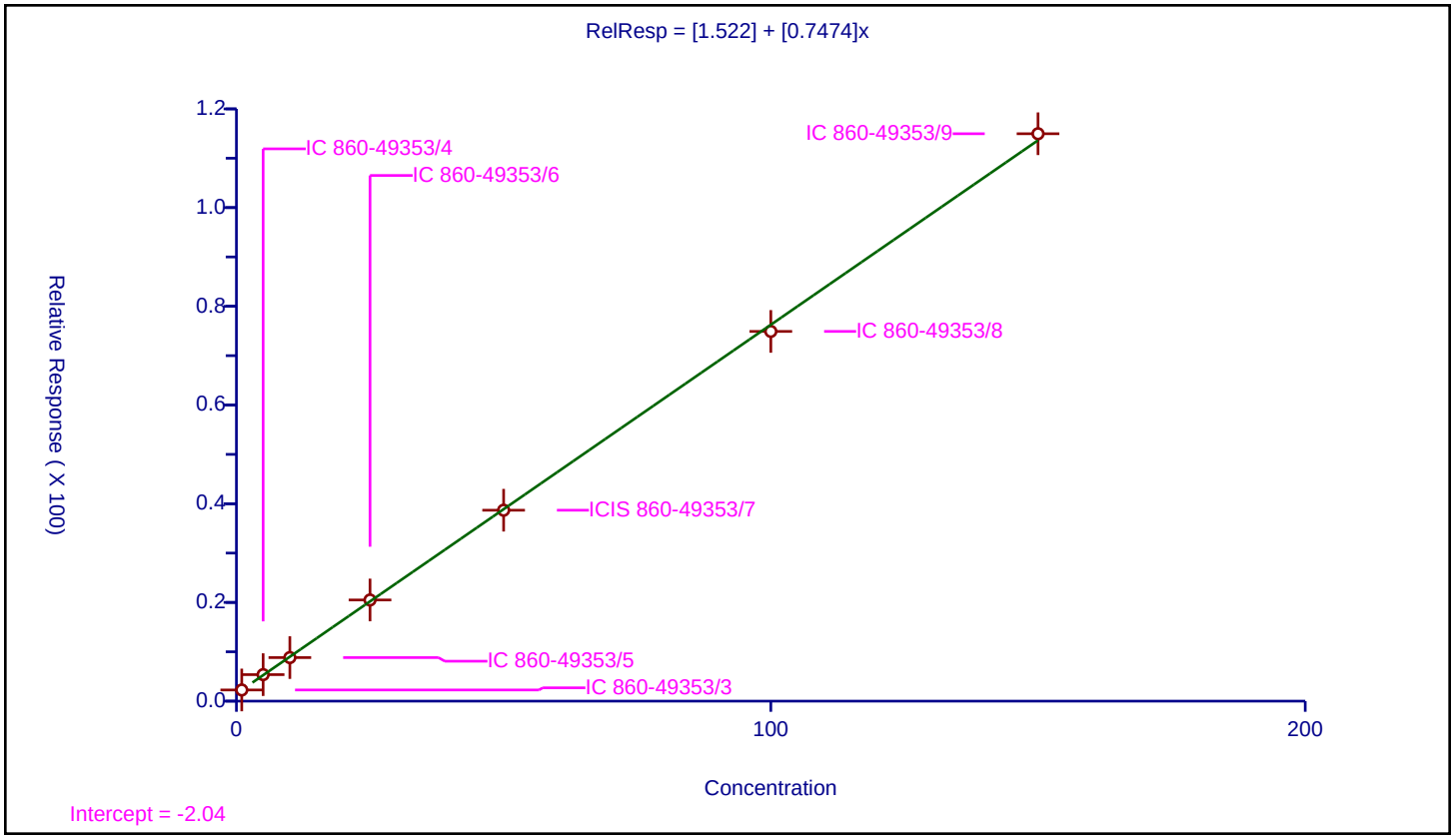
Curve Coefficients

Intercept:	1.522
Slope:	0.7474

Error Coefficients

Standard Error:	264000
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 860-49353/3	1.0	2.261301	50.0	224362.0	2.261301	Y
2	IC 860-49353/4	5.0	5.370595	50.0	224612.0	1.074119	Y
3	IC 860-49353/5	10.0	8.825918	50.0	224141.0	0.882592	Y
4	IC 860-49353/6	25.0	20.497975	50.0	216336.0	0.819919	Y
5	ICIS 860-49353/7	50.0	38.6859	50.0	210220.0	0.773718	Y
6	IC 860-49353/8	100.0	74.913073	50.0	203620.0	0.749131	Y
7	IC 860-49353/9	150.0	114.966727	50.0	203017.0	0.766445	Y



Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

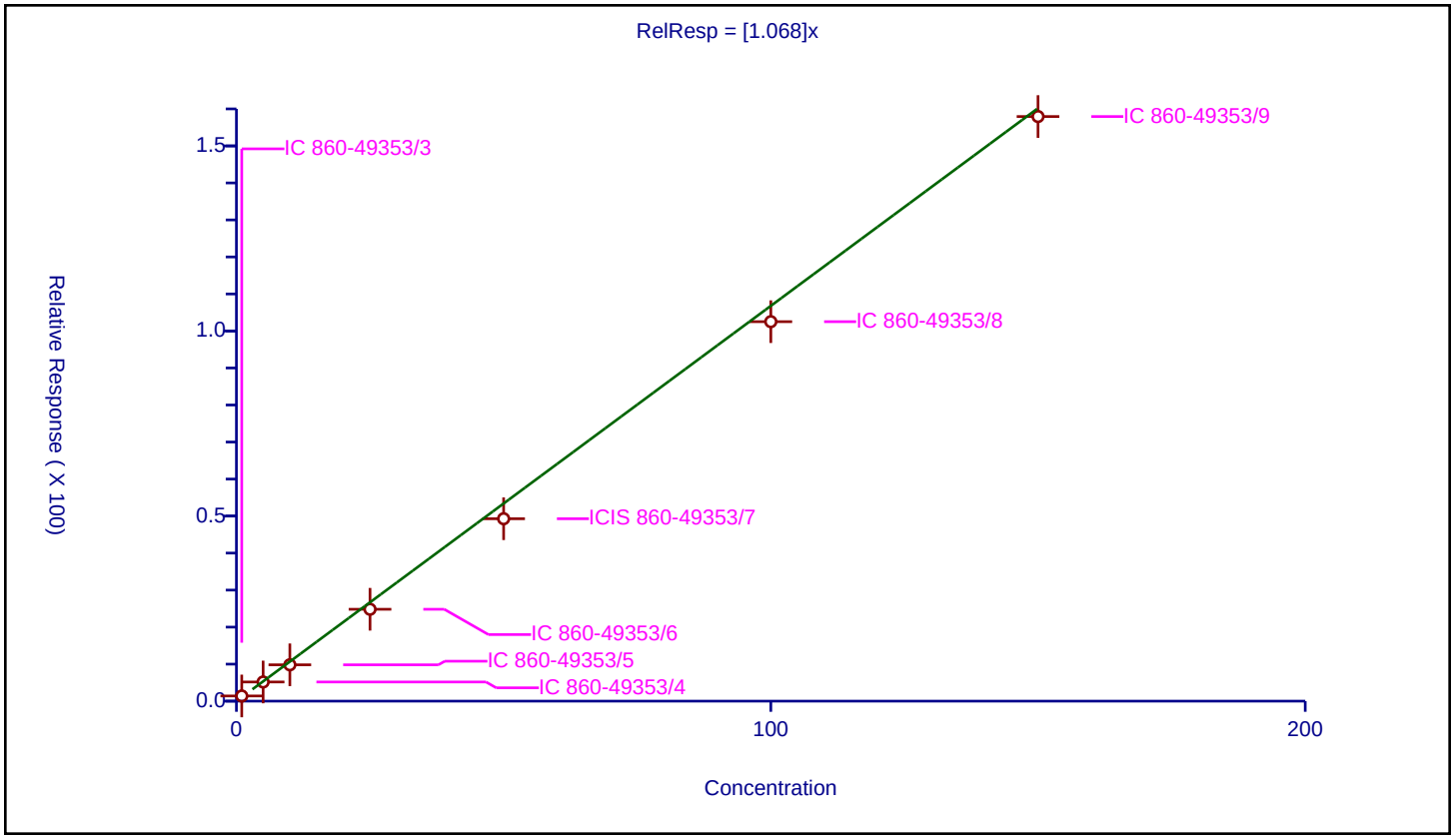
Curve Coefficients

Intercept:	0
Slope:	1.068

Error Coefficients

Standard Error:	327000
Relative Standard Error:	14.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.974

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	1.40153	50.0	224362.0	1.40153	Y
2	IC 860-49353/4	5.0	5.17715	50.0	224612.0	1.03543	Y
3	IC 860-49353/5	10.0	9.816143	50.0	224141.0	0.981614	Y
4	IC 860-49353/6	25.0	24.822036	50.0	216336.0	0.992881	Y
5	ICIS 860-49353/7	50.0	49.279564	50.0	210220.0	0.985591	Y
6	IC 860-49353/8	100.0	102.519399	50.0	203620.0	1.025194	Y
7	IC 860-49353/9	150.0	157.933572	50.0	203017.0	1.05289	Y



Calibration / 1,1-Dichloropropene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

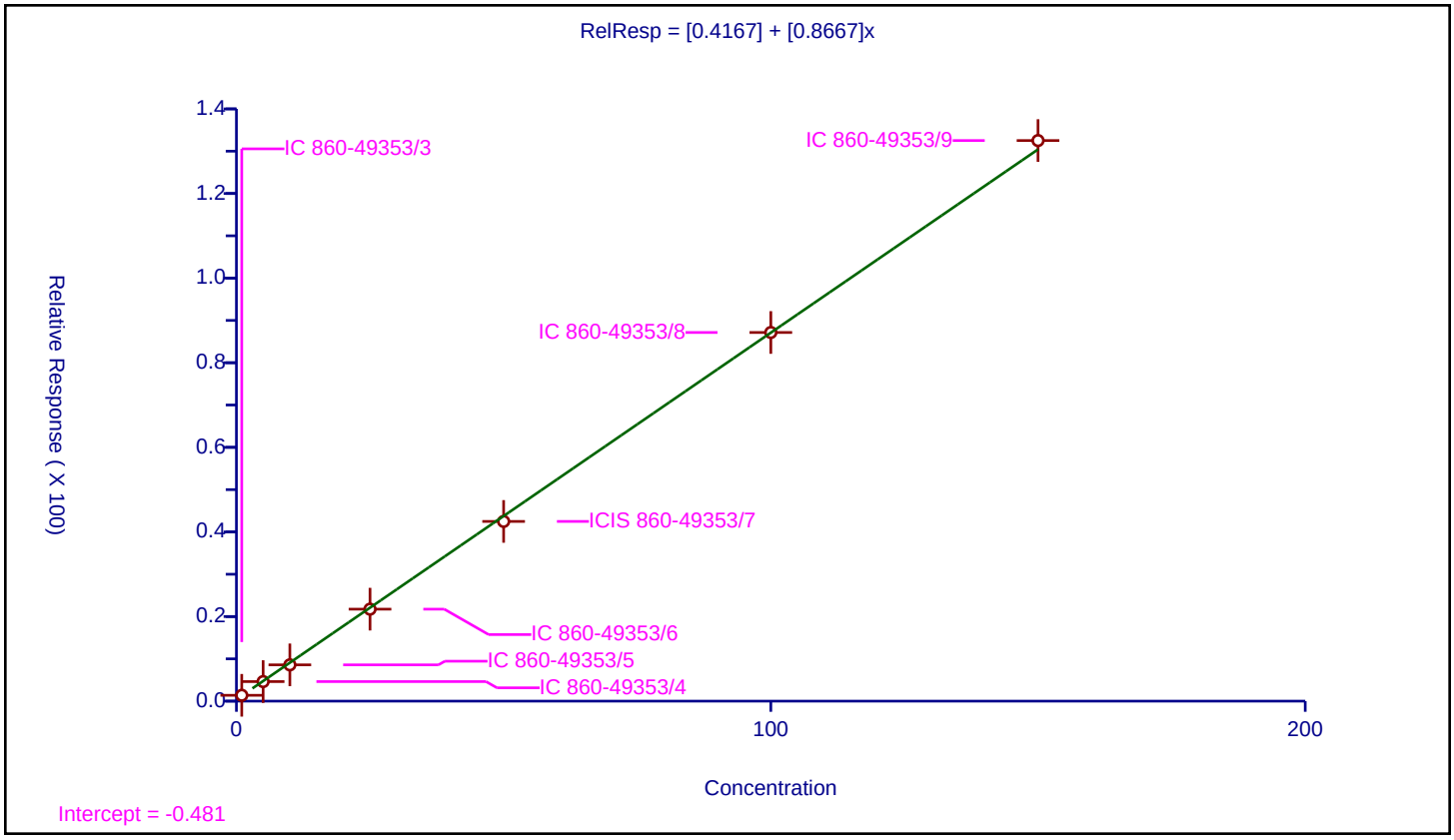
Curve Coefficients

Intercept:	0.4167
Slope:	0.8667

Error Coefficients

Standard Error:	303000
Relative Standard Error:	6.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	1.383478	50.0	224362.0	1.383478	Y
2	IC 860-49353/4	5.0	4.625755	50.0	224612.0	0.925151	Y
3	IC 860-49353/5	10.0	8.578975	50.0	224141.0	0.857897	Y
4	IC 860-49353/6	25.0	21.744416	50.0	216336.0	0.869777	Y
5	ICIS 860-49353/7	50.0	42.484302	50.0	210220.0	0.849686	Y
6	IC 860-49353/8	100.0	87.142717	50.0	203620.0	0.871427	Y
7	IC 860-49353/9	150.0	132.513041	50.0	203017.0	0.88342	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

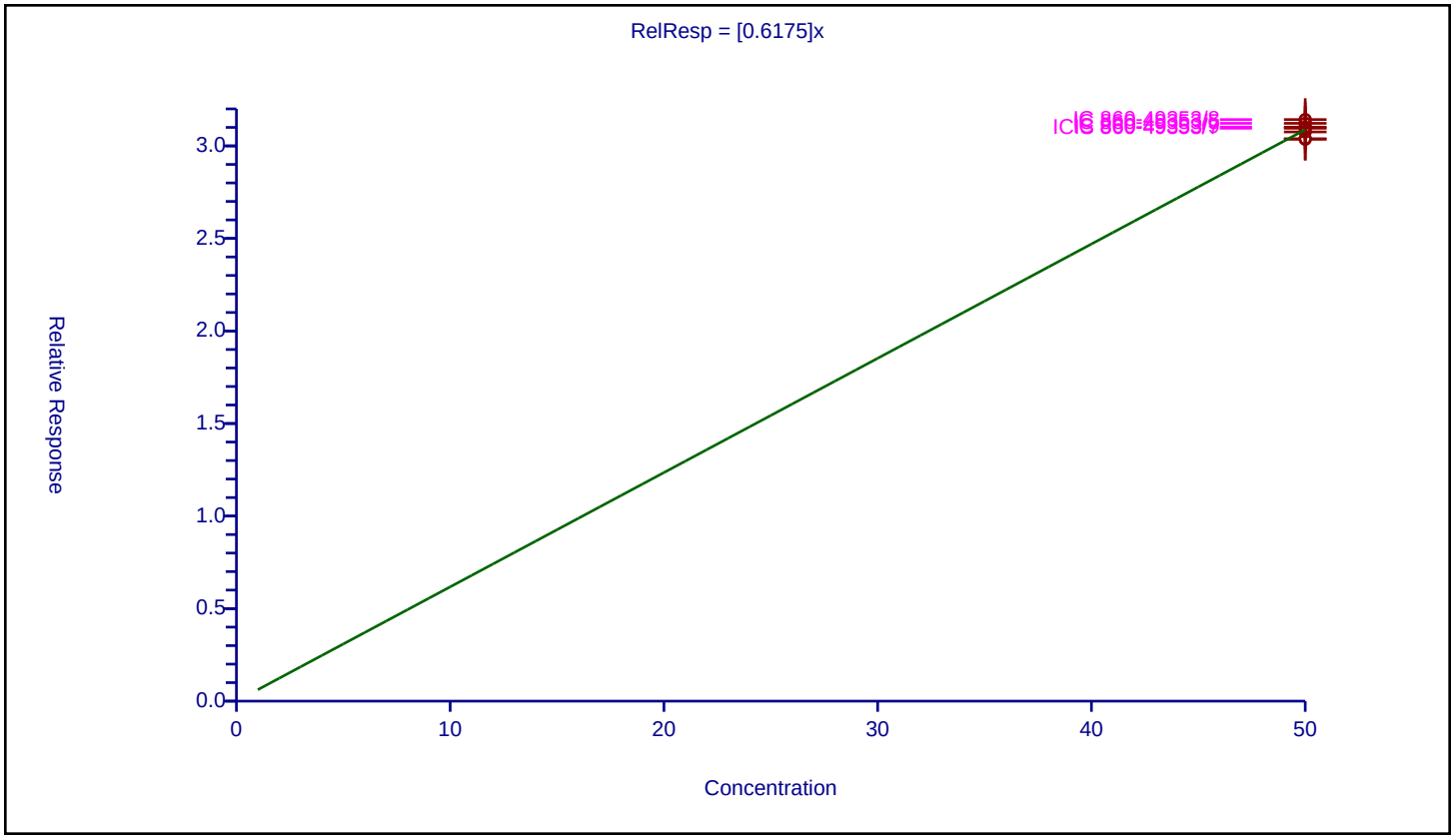
Curve Coefficients

Intercept:	0
Slope:	0.6175

Error Coefficients

Standard Error:	240000
Relative Standard Error:	1.3
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	50.0	30.388837	50.0	372650.0	0.607777	Y
2	IC 860-49353/4	50.0	30.755283	50.0	378335.0	0.615106	Y
3	IC 860-49353/5	50.0	31.21974	50.0	370743.0	0.624395	Y
4	IC 860-49353/6	50.0	30.35901	50.0	363416.0	0.60718	Y
5	ICIS 860-49353/7	50.0	30.955303	50.0	351951.0	0.619106	Y
6	IC 860-49353/8	50.0	31.423048	50.0	342209.0	0.628461	Y
7	IC 860-49353/9	50.0	31.015987	50.0	338656.0	0.62032	Y



Calibration / Isobutyl alcohol

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

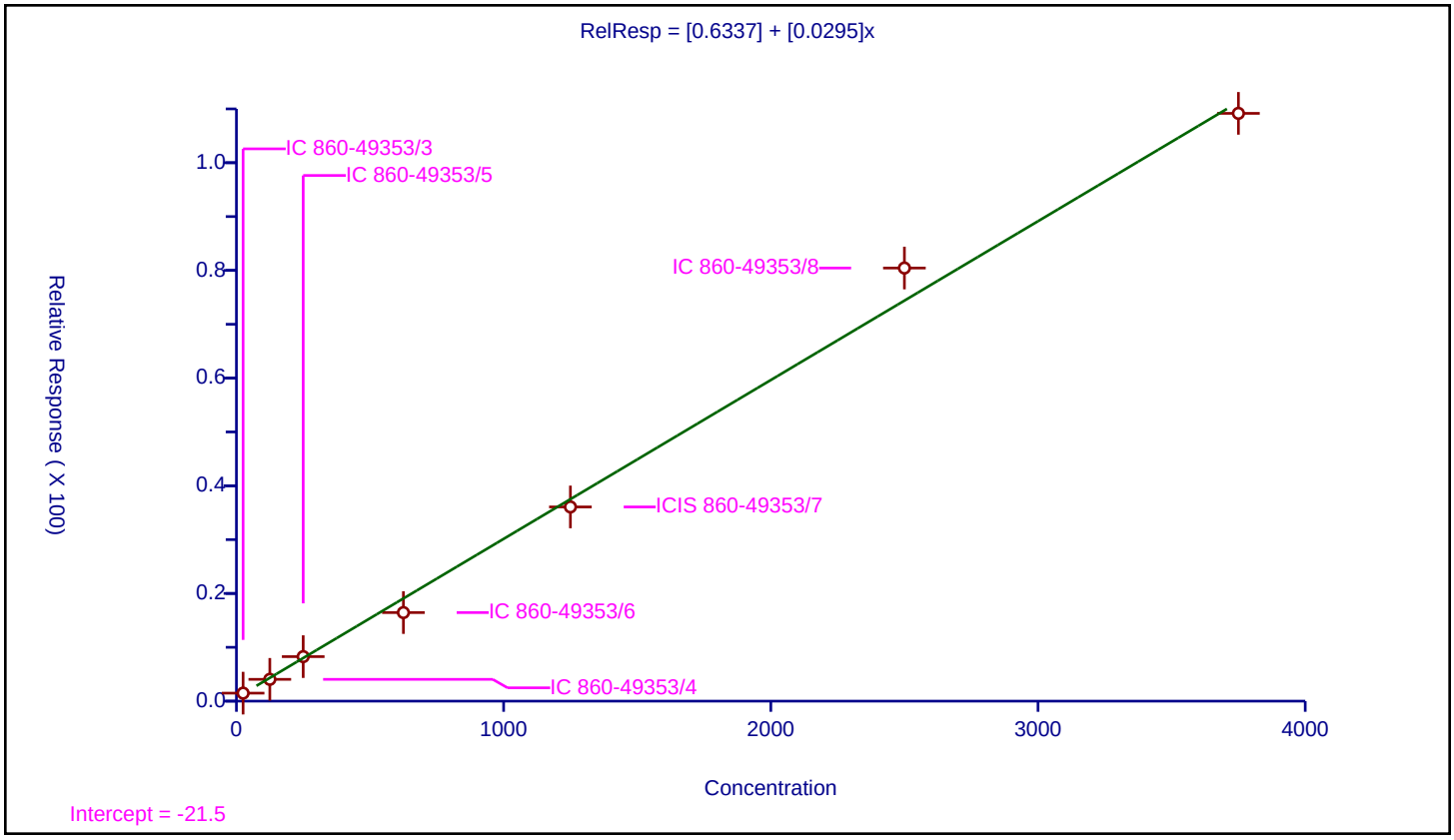
Curve Coefficients

Intercept:	0.6337
Slope:	0.0295

Error Coefficients

Standard Error:	432000
Relative Standard Error:	10.9
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	25.0	1.486515	50.0	372650.0	0.059461	Y
2	IC 860-49353/4	125.0	4.050246	50.0	378335.0	0.032402	Y
3	IC 860-49353/5	250.0	8.270554	50.0	370743.0	0.033082	Y
4	IC 860-49353/6	625.0	16.449881	50.0	363416.0	0.02632	Y
5	ICIS 860-49353/7	1250.0	36.070788	50.0	351951.0	0.028857	Y
6	IC 860-49353/8	2500.0	80.442361	50.0	342209.0	0.032177	Y
7	IC 860-49353/9	3750.0	109.171106	50.0	338656.0	0.029112	Y



Calibration / Benzene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

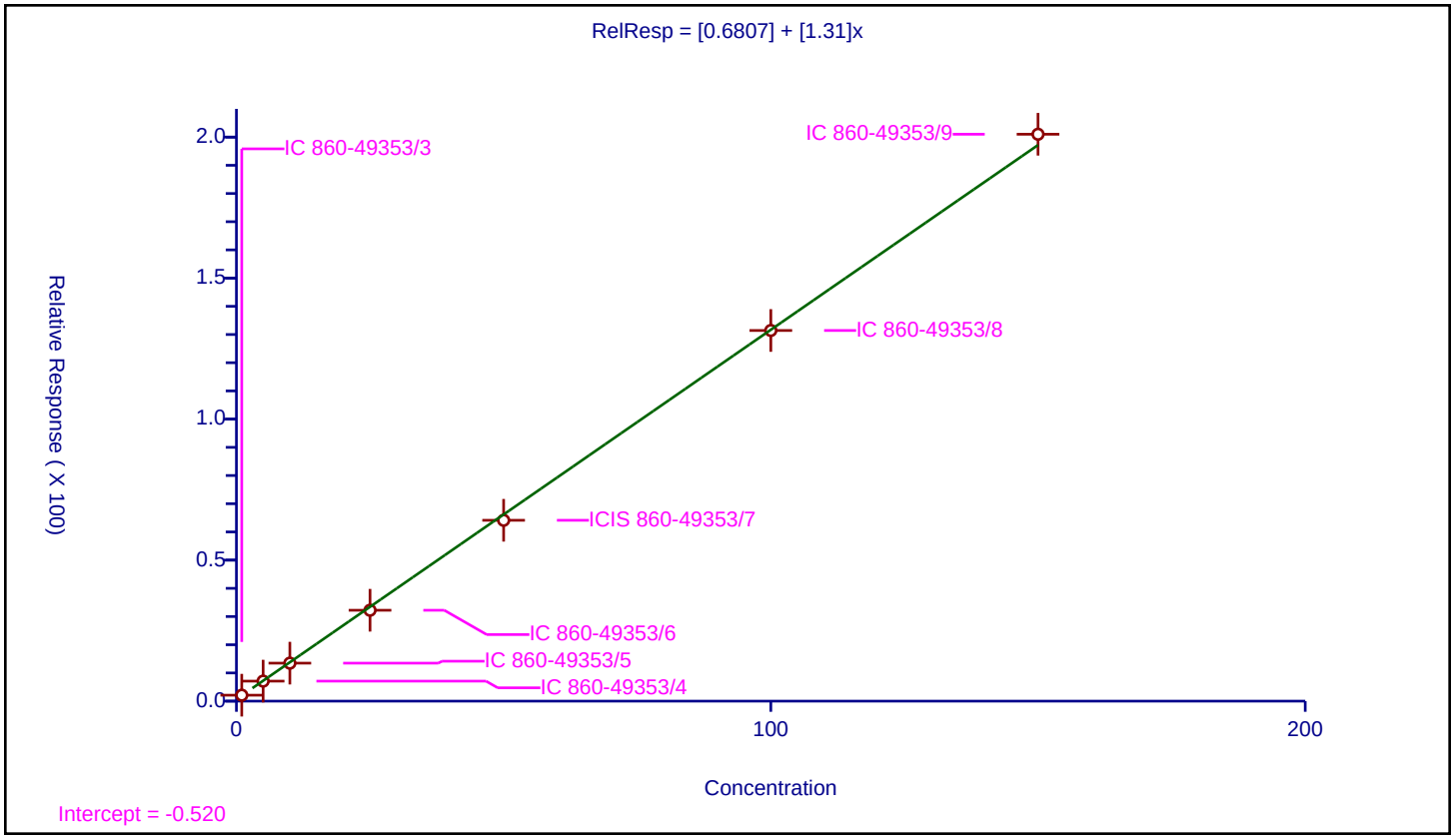
Curve Coefficients

Intercept:	0.6807
Slope:	1.31

Error Coefficients

Standard Error:	766000
Relative Standard Error:	5.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	2.114182	50.0	372650.0	2.114182	Y
2	IC 860-49353/4	5.0	7.099	50.0	378335.0	1.4198	Y
3	IC 860-49353/5	10.0	13.470652	50.0	370743.0	1.347065	Y
4	IC 860-49353/6	25.0	32.227943	50.0	363416.0	1.289118	Y
5	ICIS 860-49353/7	50.0	64.124836	50.0	351951.0	1.282497	Y
6	IC 860-49353/8	100.0	131.428893	50.0	342209.0	1.314289	Y
7	IC 860-49353/9	150.0	201.00515	50.0	338656.0	1.340034	Y



Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

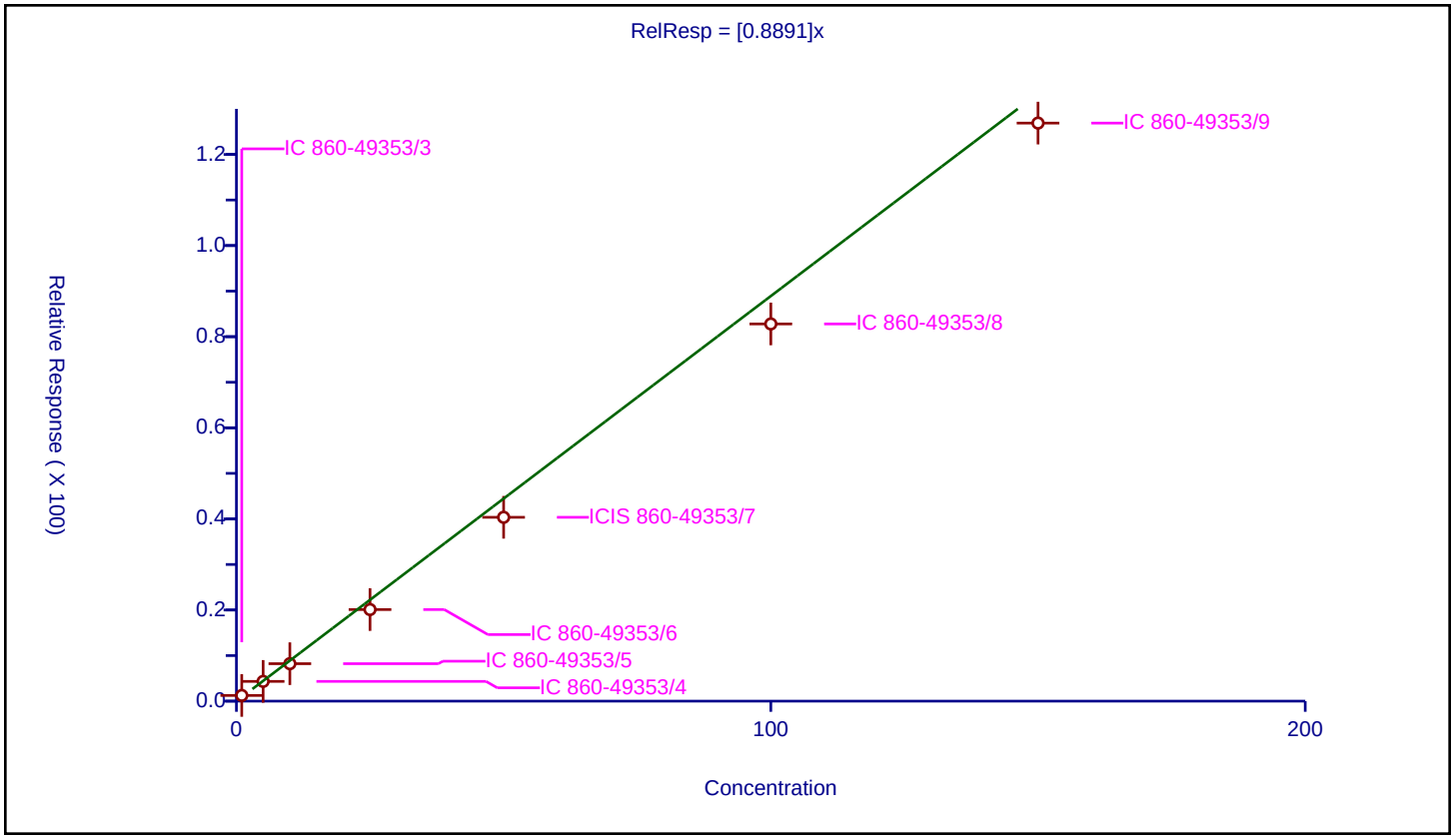
Curve Coefficients

Intercept:	0
Slope:	0.8891

Error Coefficients

Standard Error:	441000
Relative Standard Error:	18.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.954

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	1.249698	50.0	372650.0	1.249698	Y
2	IC 860-49353/4	5.0	4.333858	50.0	378335.0	0.866772	Y
3	IC 860-49353/5	10.0	8.224161	50.0	370743.0	0.822416	Y
4	IC 860-49353/6	25.0	20.102582	50.0	363416.0	0.804103	Y
5	ICIS 860-49353/7	50.0	40.353203	50.0	351951.0	0.807064	Y
6	IC 860-49353/8	100.0	82.798231	50.0	342209.0	0.827982	Y
7	IC 860-49353/9	150.0	126.885689	50.0	338656.0	0.845905	Y



Calibration / Isooctane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

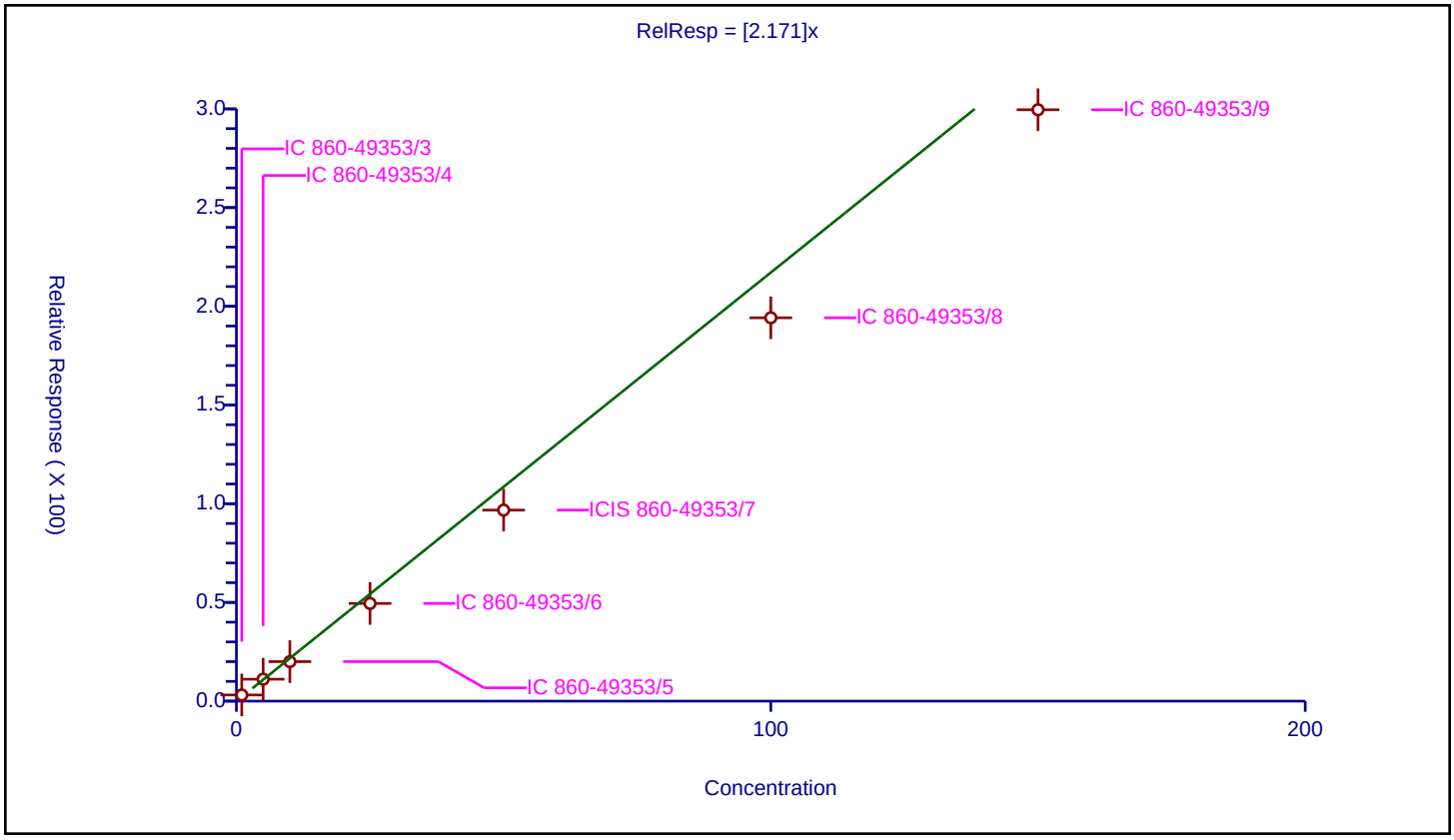
Curve Coefficients

Intercept:	0
Slope:	2.171

Error Coefficients

Standard Error:	1040000
Relative Standard Error:	19.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.943

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	3.12022	50.0	372650.0	3.12022	Y
2	IC 860-49353/4	5.0	11.114753	50.0	378335.0	2.222951	Y
3	IC 860-49353/5	10.0	20.01319	50.0	370743.0	2.001319	Y
4	IC 860-49353/6	25.0	49.478421	50.0	363416.0	1.979137	Y
5	ICIS 860-49353/7	50.0	96.769579	50.0	351951.0	1.935392	Y
6	IC 860-49353/8	100.0	194.18148	50.0	342209.0	1.941815	Y
7	IC 860-49353/9	150.0	299.565784	50.0	338656.0	1.997105	Y



Calibration / Tert-amyl methyl ether

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

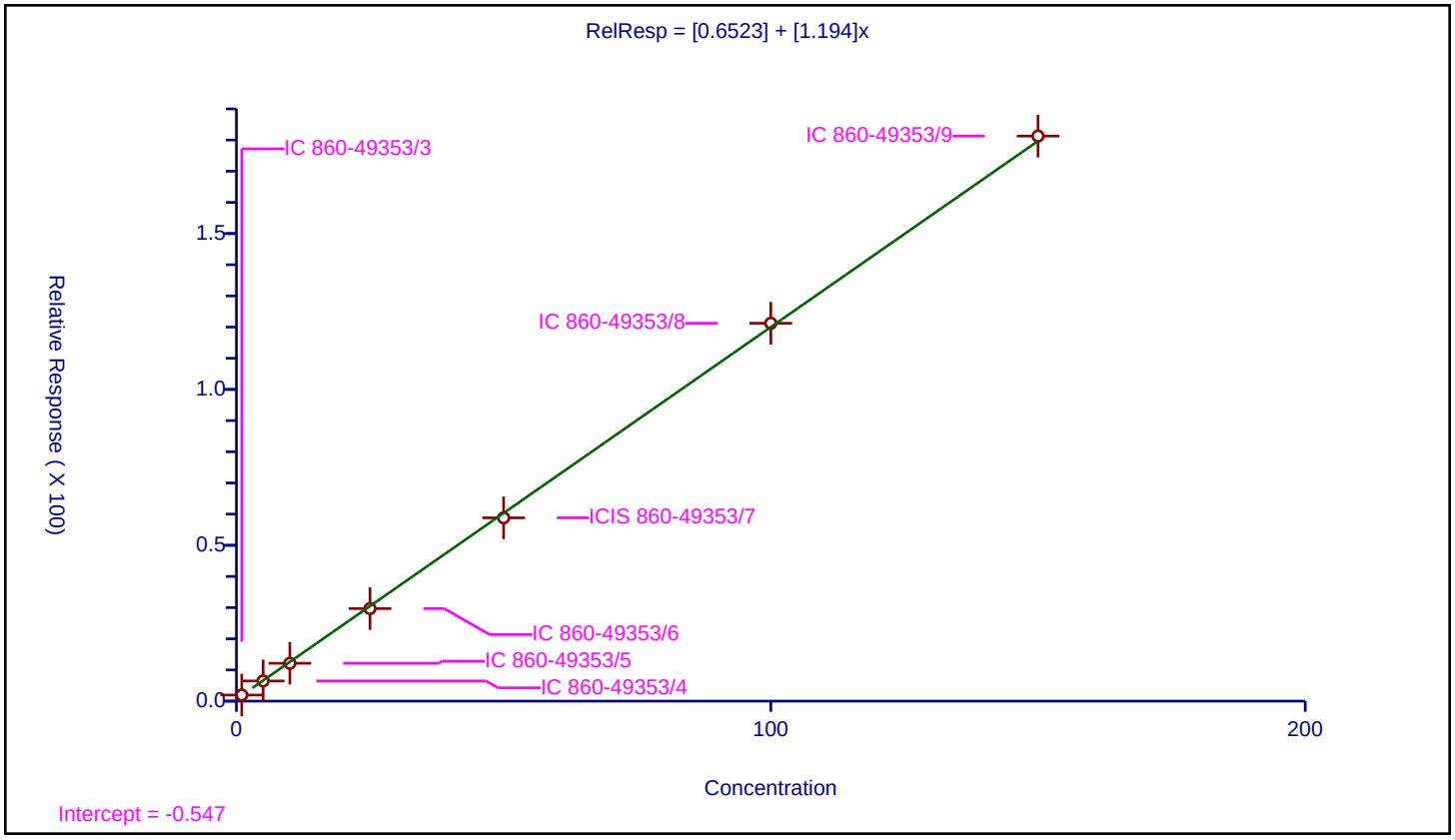
Curve Coefficients

Intercept:	0.6523
Slope:	1.194

Error Coefficients

Standard Error:	696000
Relative Standard Error:	5.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	1.960284	50.0	372650.0	1.960284	Y
2	IC 860-49353/4	5.0	6.469795	50.0	378335.0	1.293959	Y
3	IC 860-49353/5	10.0	12.141699	50.0	370743.0	1.21417	Y
4	IC 860-49353/6	25.0	29.696409	50.0	363416.0	1.187856	Y
5	ICIS 860-49353/7	50.0	58.803356	50.0	351951.0	1.176067	Y
6	IC 860-49353/8	100.0	121.23673	50.0	342209.0	1.212367	Y
7	IC 860-49353/9	150.0	181.273475	50.0	338656.0	1.20849	Y



Calibration / n-Butanol

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

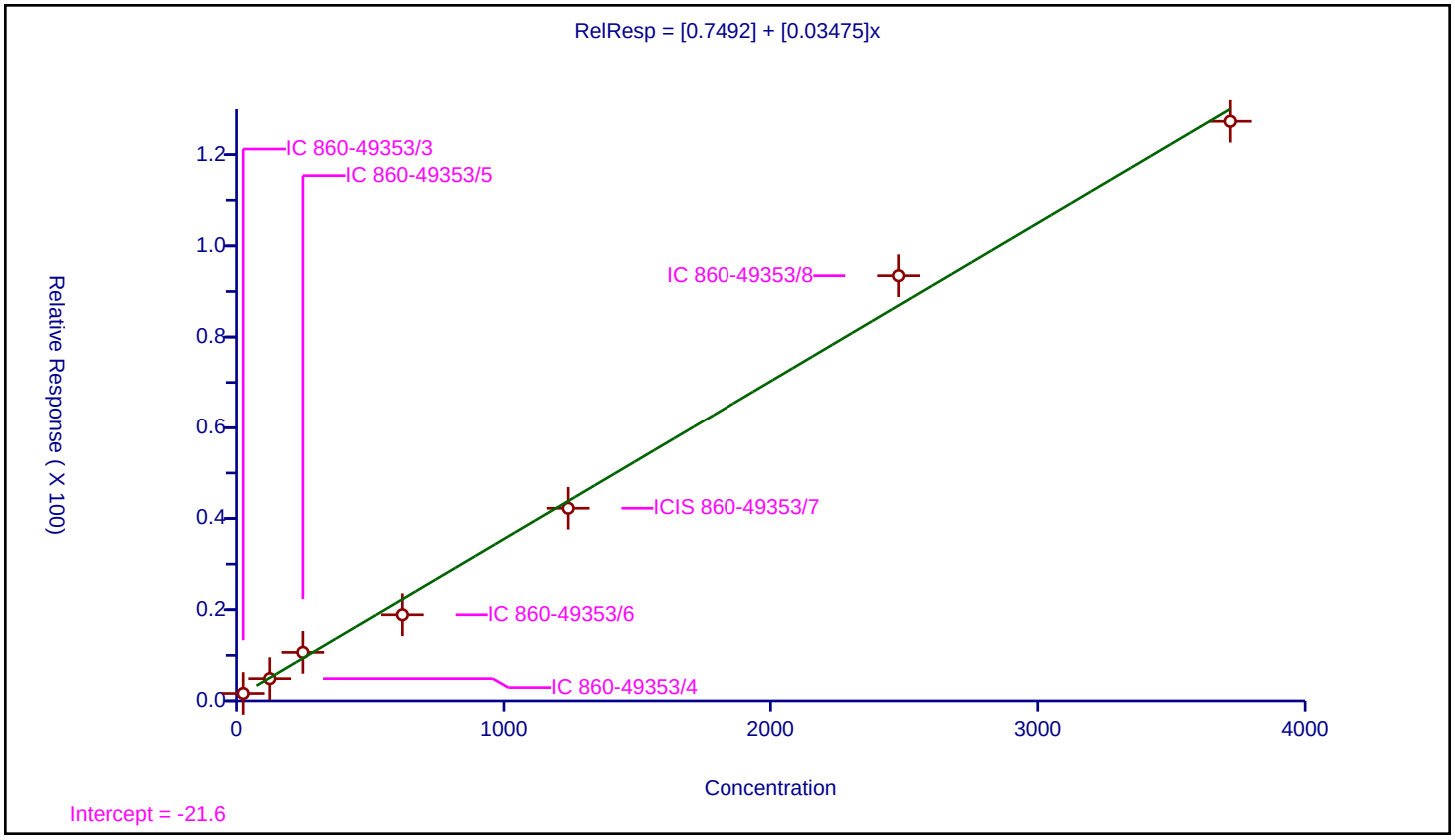
Curve Coefficients

Intercept:	0.7492
Slope:	0.03475

Error Coefficients

Standard Error:	253000
Relative Standard Error:	10.7
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	24.8	1.636504	50.0	178918.0	0.065988	Y
2	IC 860-49353/4	124.0	4.887836	50.0	178934.0	0.039418	Y
3	IC 860-49353/5	248.0	10.655189	50.0	170363.0	0.042964	Y
4	IC 860-49353/6	620.0	18.895668	50.0	181277.0	0.030477	Y
5	ICIS 860-49353/7	1240.0	42.252905	50.0	170309.0	0.034075	Y
6	IC 860-49353/8	2480.0	93.459227	50.0	174406.0	0.037685	Y
7	IC 860-49353/9	3720.0	127.330927	50.0	170104.0	0.034229	Y



Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

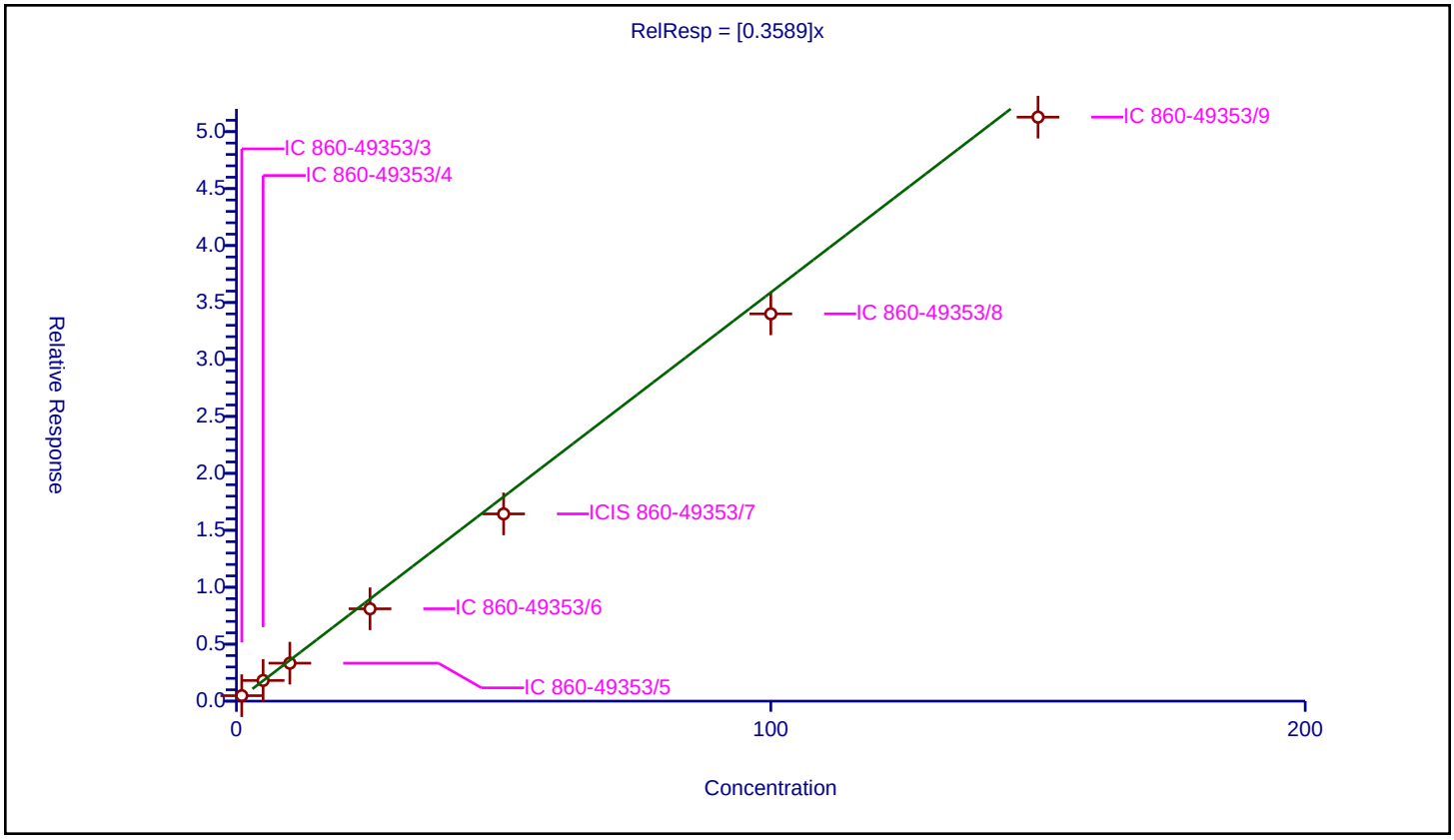
Curve Coefficients

Intercept:	0
Slope:	0.3589

Error Coefficients

Standard Error:	179000
Relative Standard Error:	15.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.968

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	0.480343	50.0	372650.0	0.480343	Y
2	IC 860-49353/4	5.0	1.816776	50.0	378335.0	0.363355	Y
3	IC 860-49353/5	10.0	3.33425	50.0	370743.0	0.333425	Y
4	IC 860-49353/6	25.0	8.107926	50.0	363416.0	0.324317	Y
5	ICIS 860-49353/7	50.0	16.438936	50.0	351951.0	0.328779	Y
6	IC 860-49353/8	100.0	34.006119	50.0	342209.0	0.340061	Y
7	IC 860-49353/9	150.0	51.275483	50.0	338656.0	0.341837	Y



Calibration / Methylcyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

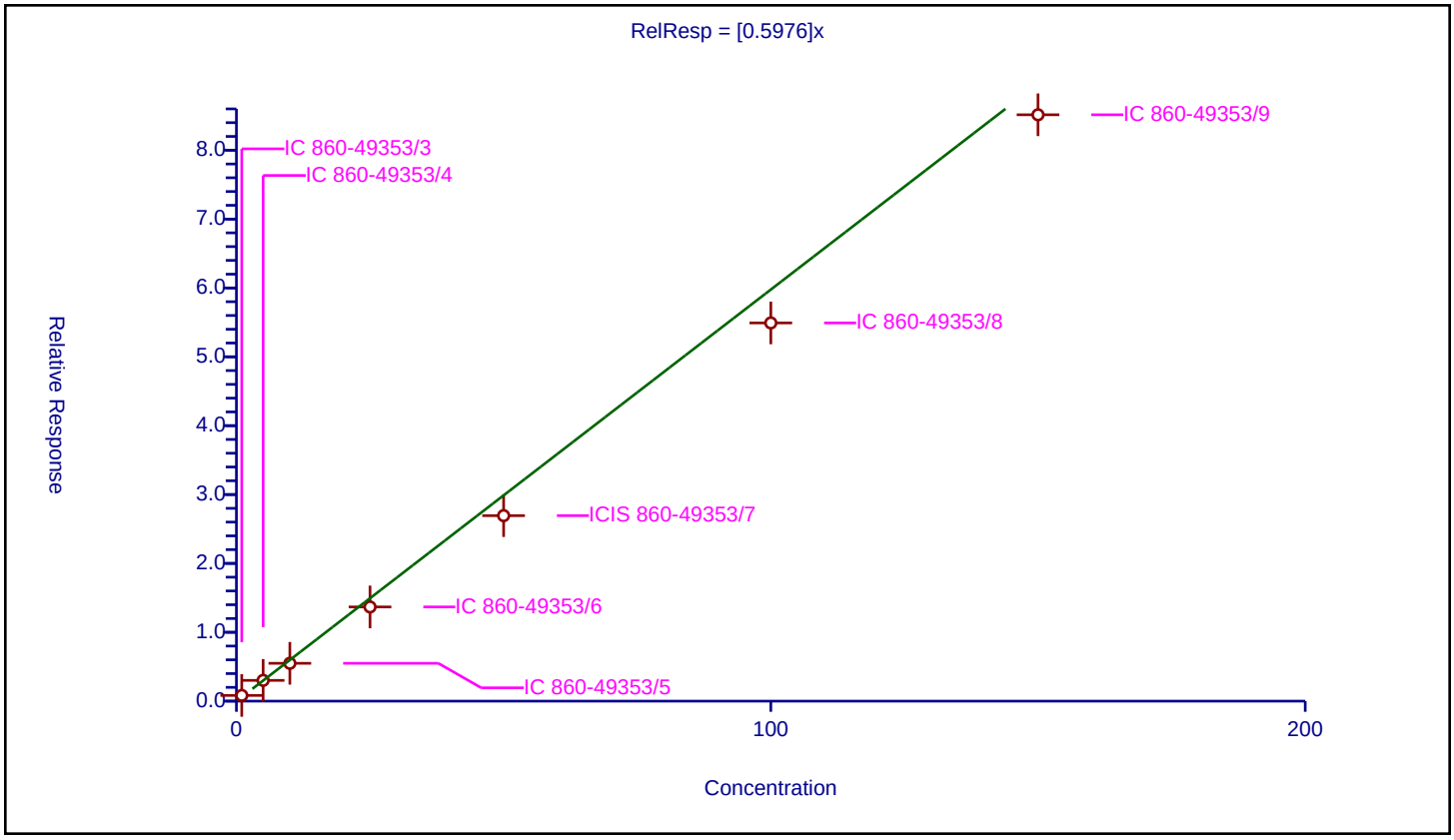
Curve Coefficients

Intercept:	0
Slope:	0.5976

Error Coefficients

Standard Error:	295000
Relative Standard Error:	17.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.957

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	0.828391	50.0	372650.0	0.828391	Y
2	IC 860-49353/4	5.0	3.015053	50.0	378335.0	0.603011	Y
3	IC 860-49353/5	10.0	5.494237	50.0	370743.0	0.549424	Y
4	IC 860-49353/6	25.0	13.676751	50.0	363416.0	0.54707	Y
5	ICIS 860-49353/7	50.0	26.933579	50.0	351951.0	0.538672	Y
6	IC 860-49353/8	100.0	54.919947	50.0	342209.0	0.549199	Y
7	IC 860-49353/9	150.0	85.144512	50.0	338656.0	0.56763	Y



Calibration / 1,2-Dichloropropane

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

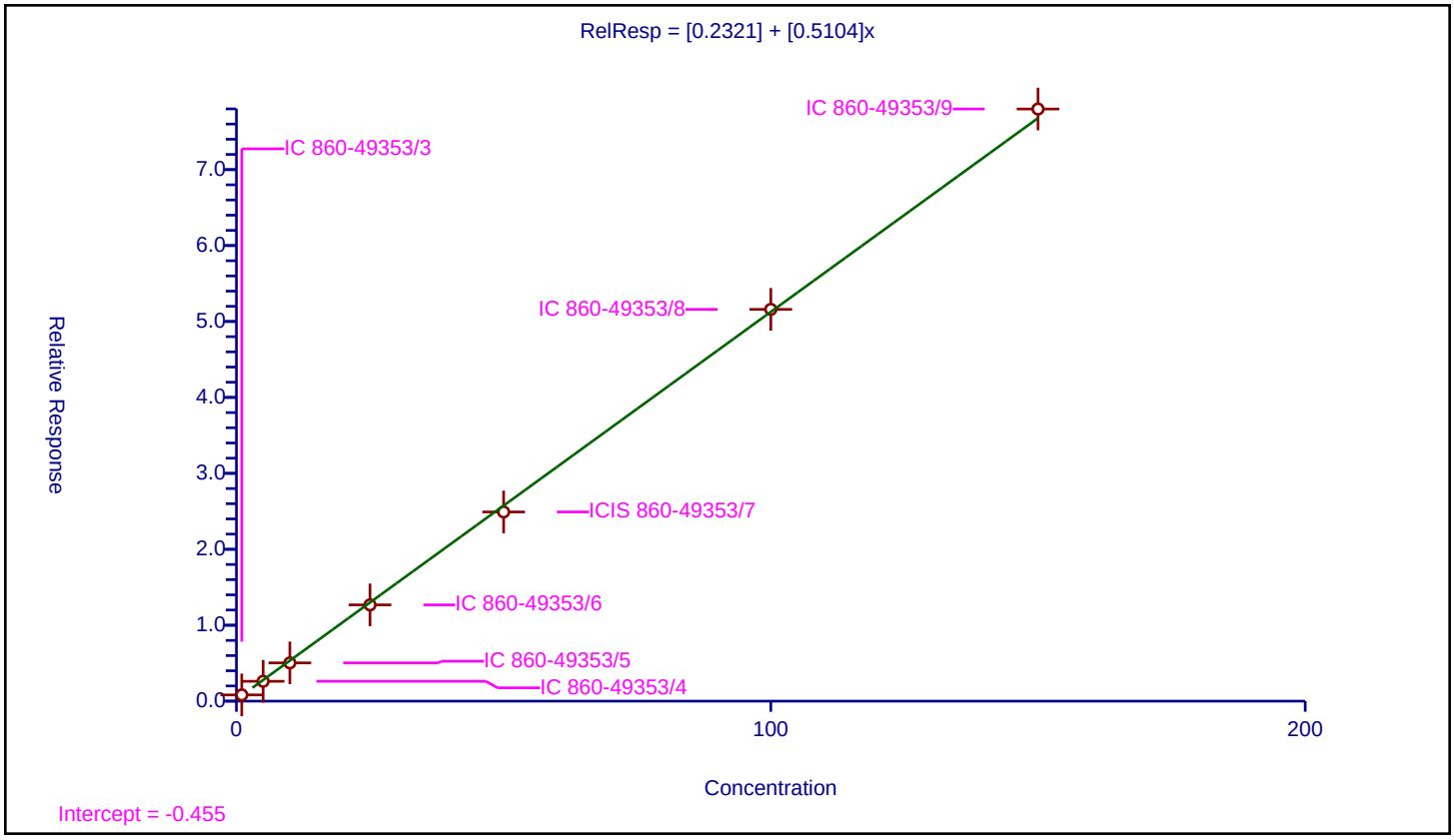
Curve Coefficients

Intercept:	0.2321
Slope:	0.5104

Error Coefficients

Standard Error:	298000
Relative Standard Error:	8.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	0.823158	50.0	372650.0	0.823158	Y
2	IC 860-49353/4	5.0	2.616332	50.0	378335.0	0.523266	Y
3	IC 860-49353/5	10.0	5.042981	50.0	370743.0	0.504298	Y
4	IC 860-49353/6	25.0	12.678583	50.0	363416.0	0.507143	Y
5	ICIS 860-49353/7	50.0	24.917105	50.0	351951.0	0.498342	Y
6	IC 860-49353/8	100.0	51.596685	50.0	342209.0	0.515967	Y
7	IC 860-49353/9	150.0	77.981344	50.0	338656.0	0.519876	Y



Calibration / Dibromomethane

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

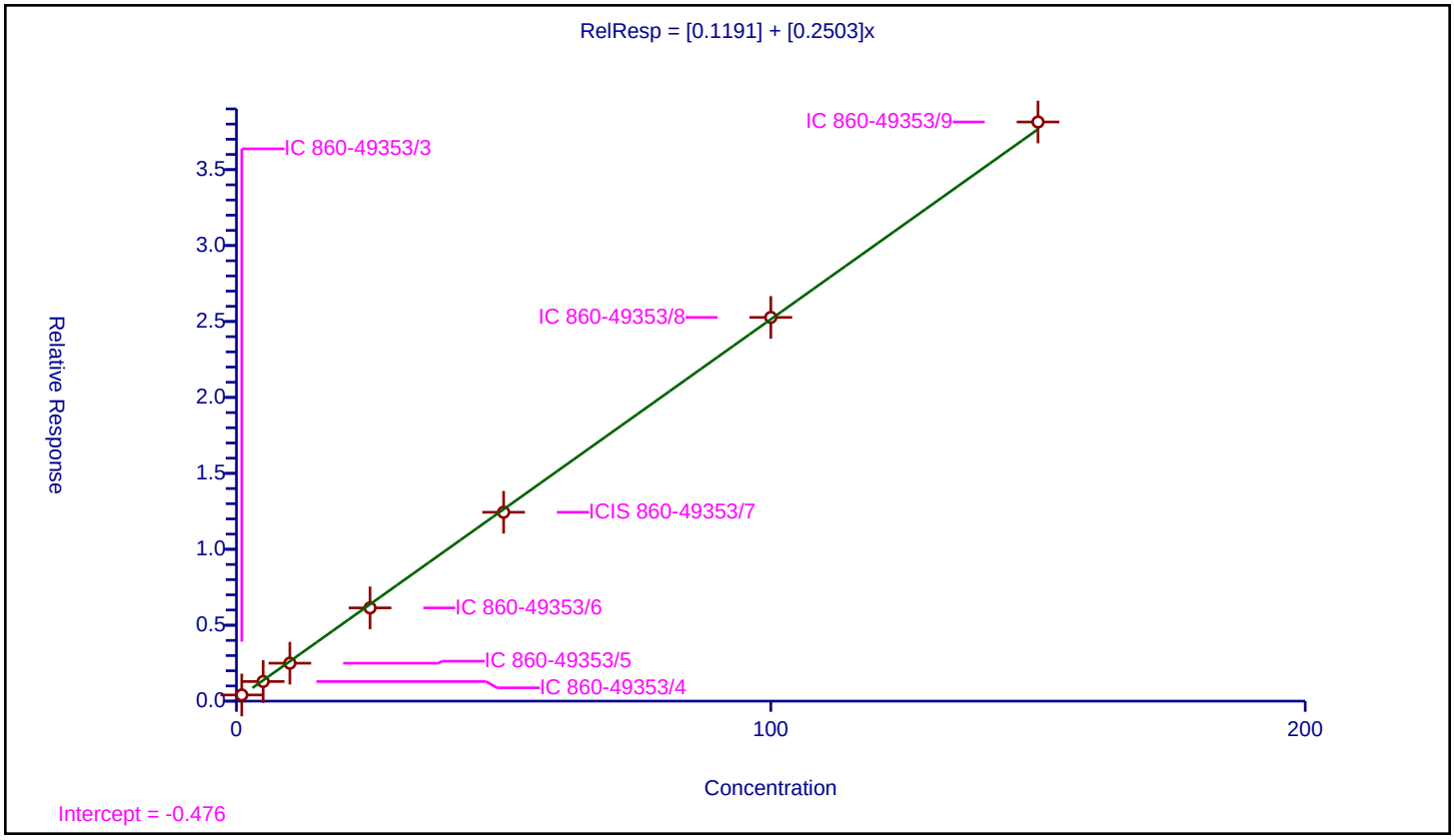
Curve Coefficients

Intercept:	0.1191
Slope:	0.2503

Error Coefficients

Standard Error:	146000
Relative Standard Error:	7.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	0.406548	50.0	372650.0	0.406548	Y
2	IC 860-49353/4	5.0	1.292109	50.0	378335.0	0.258422	Y
3	IC 860-49353/5	10.0	2.497687	50.0	370743.0	0.249769	Y
4	IC 860-49353/6	25.0	6.139796	50.0	363416.0	0.245592	Y
5	ICIS 860-49353/7	50.0	12.437811	50.0	351951.0	0.248756	Y
6	IC 860-49353/8	100.0	25.26833	50.0	342209.0	0.252683	Y
7	IC 860-49353/9	150.0	38.139292	50.0	338656.0	0.254262	Y



Calibration / Methyl methacrylate

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

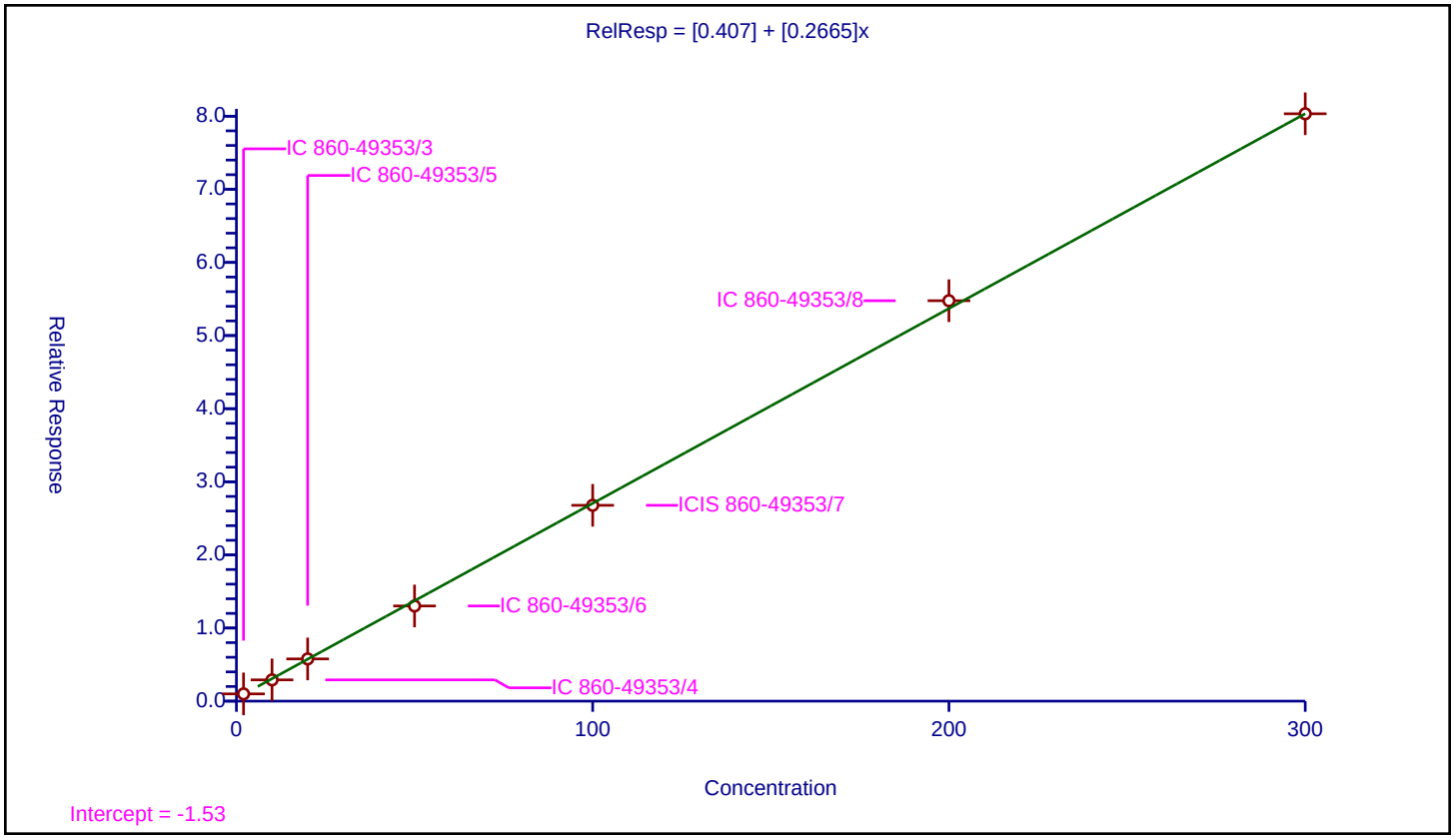
Curve Coefficients

Intercept:	0.407
Slope:	0.2665

Error Coefficients

Standard Error:	311000
Relative Standard Error:	5.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	2.0	0.992218	50.0	372650.0	0.496109	Y
2	IC 860-49353/4	10.0	2.907608	50.0	378335.0	0.290761	Y
3	IC 860-49353/5	20.0	5.773676	50.0	370743.0	0.288684	Y
4	IC 860-49353/6	50.0	13.016763	50.0	363416.0	0.260335	Y
5	ICIS 860-49353/7	100.0	26.783132	50.0	351951.0	0.267831	Y
6	IC 860-49353/8	200.0	54.765947	50.0	342209.0	0.27383	Y
7	IC 860-49353/9	300.0	80.33314	50.0	338656.0	0.267777	Y



Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

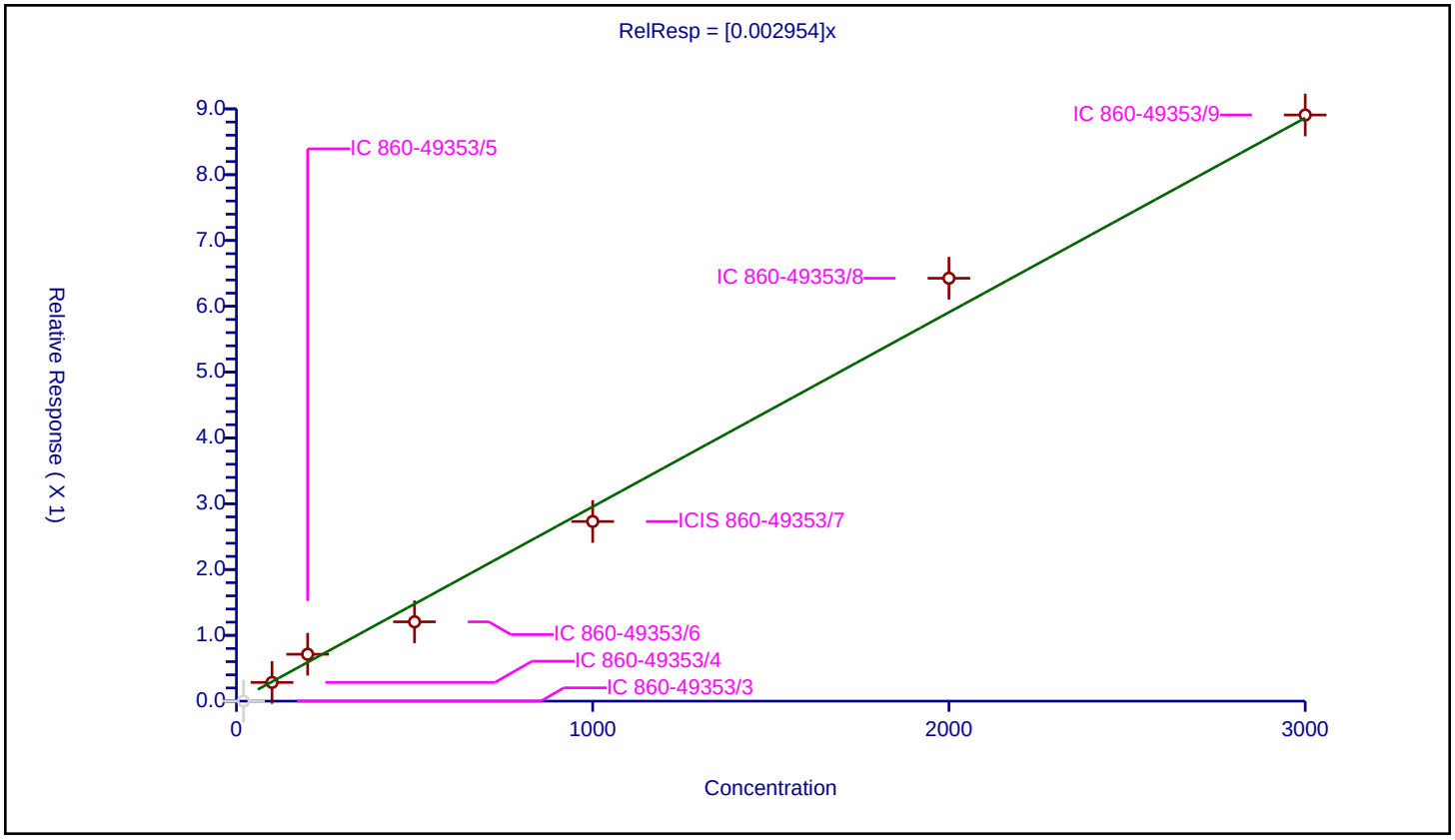
Curve Coefficients

Intercept:	0
Slope:	0.002954

Error Coefficients

Standard Error:	34800
Relative Standard Error:	13.5
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.972

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	20.0	0.0	50.0	372650.0	0.0	N
2	IC 860-49353/4	100.0	0.28414	50.0	378335.0	0.002841	Y
3	IC 860-49353/5	200.0	0.712353	50.0	370743.0	0.003562	Y
4	IC 860-49353/6	500.0	1.205368	50.0	363416.0	0.002411	Y
5	ICIS 860-49353/7	1000.0	2.729641	50.0	351951.0	0.00273	Y
6	IC 860-49353/8	2000.0	6.426482	50.0	342209.0	0.003213	Y
7	IC 860-49353/9	3000.0	8.907121	50.0	338656.0	0.002969	Y



Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

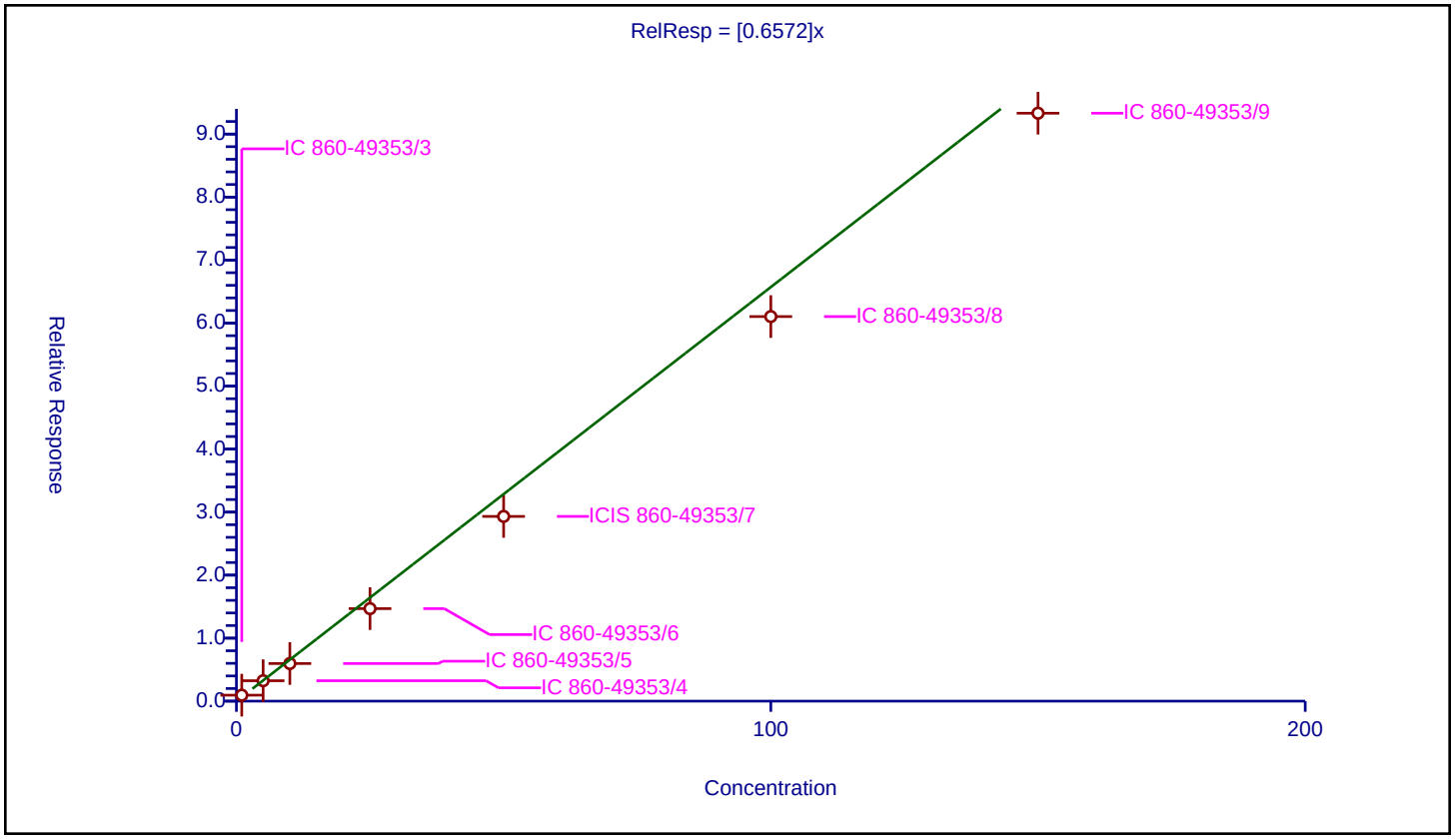
Curve Coefficients

Intercept:	0
Slope:	0.6572

Error Coefficients

Standard Error:	324000
Relative Standard Error:	19.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.943

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	0.948611	50.0	372650.0	0.948611	Y
2	IC 860-49353/4	5.0	3.240118	50.0	378335.0	0.648024	Y
3	IC 860-49353/5	10.0	5.971927	50.0	370743.0	0.597193	Y
4	IC 860-49353/6	25.0	14.684962	50.0	363416.0	0.587398	Y
5	ICIS 860-49353/7	50.0	29.317433	50.0	351951.0	0.586349	Y
6	IC 860-49353/8	100.0	61.03843	50.0	342209.0	0.610384	Y
7	IC 860-49353/9	150.0	93.315341	50.0	338656.0	0.622102	Y



Calibration / 2-Chloroethyl vinyl ether

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

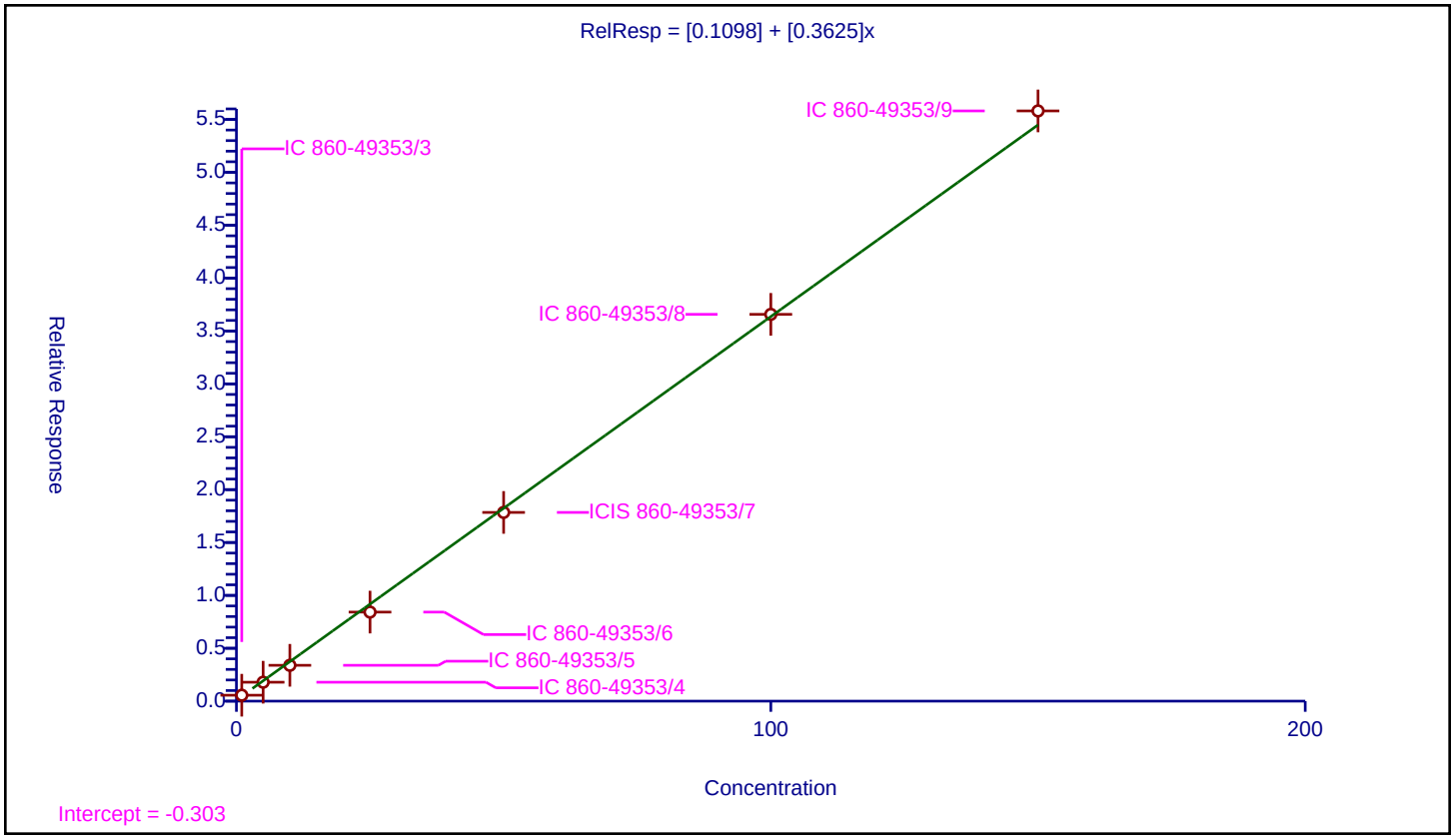
Curve Coefficients

Intercept:	0.1098
Slope:	0.3625

Error Coefficients

Standard Error:	213000
Relative Standard Error:	12.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	0.560445	50.0	372650.0	0.560445	Y
2	IC 860-49353/4	5.0	1.789287	50.0	378335.0	0.357857	Y
3	IC 860-49353/5	10.0	3.38941	50.0	370743.0	0.338941	Y
4	IC 860-49353/6	25.0	8.420515	50.0	363416.0	0.336821	Y
5	ICIS 860-49353/7	50.0	17.845098	50.0	351951.0	0.356902	Y
6	IC 860-49353/8	100.0	36.572679	50.0	342209.0	0.365727	Y
7	IC 860-49353/9	150.0	55.808254	50.0	338656.0	0.372055	Y



Calibration / cis-1,3-Dichloropropene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

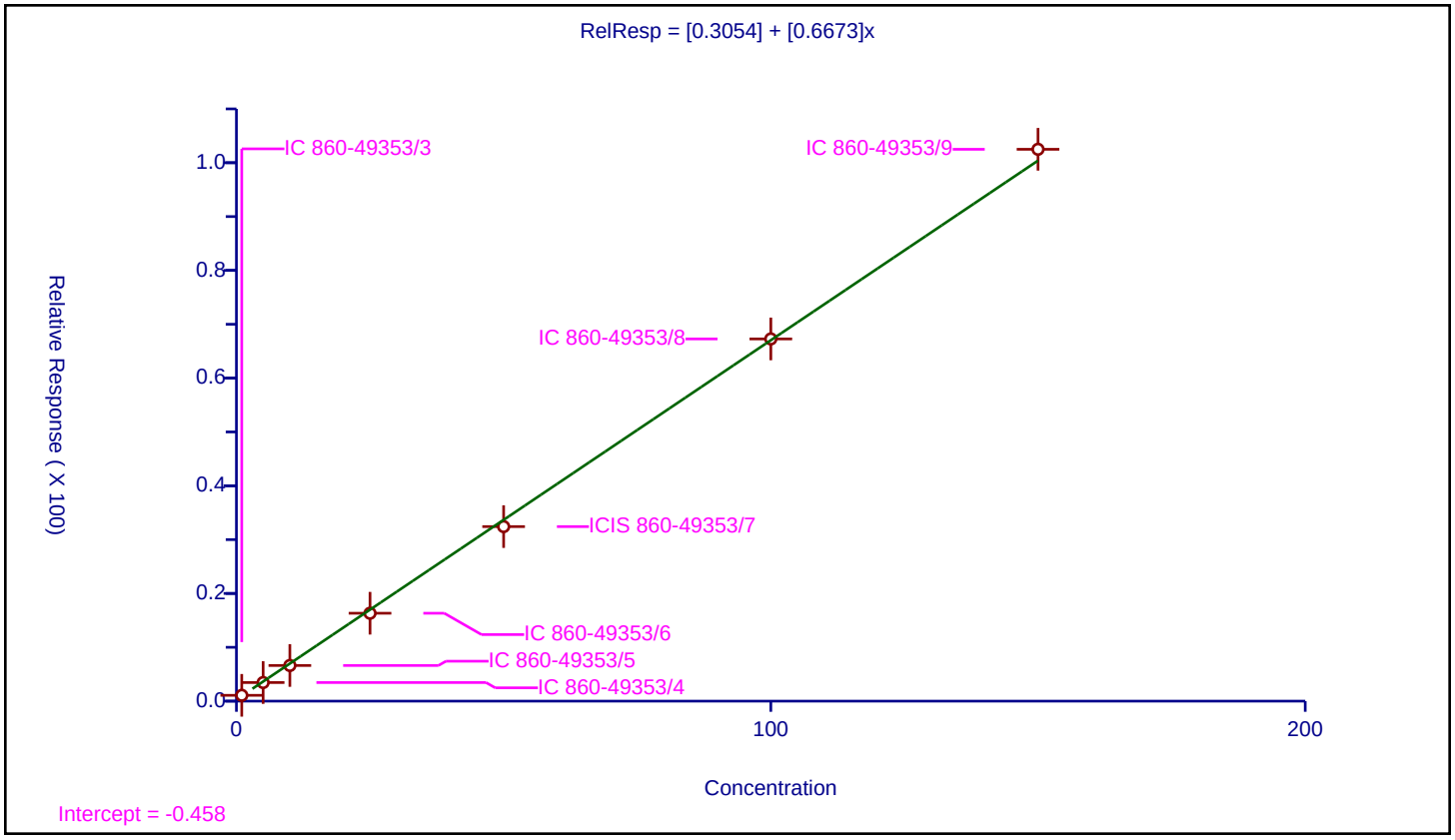
Curve Coefficients

Intercept:	0.3054
Slope:	0.6673

Error Coefficients

Standard Error:	391000
Relative Standard Error:	8.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	1.08037	50.0	372650.0	1.08037	Y
2	IC 860-49353/4	5.0	3.454875	50.0	378335.0	0.690975	Y
3	IC 860-49353/5	10.0	6.623726	50.0	370743.0	0.662373	Y
4	IC 860-49353/6	25.0	16.326469	50.0	363416.0	0.653059	Y
5	ICIS 860-49353/7	50.0	32.417865	50.0	351951.0	0.648357	Y
6	IC 860-49353/8	100.0	67.274239	50.0	342209.0	0.672742	Y
7	IC 860-49353/9	150.0	102.493238	50.0	338656.0	0.683288	Y



Calibration / 4-Methyl-2-pentanone (MIBK)

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

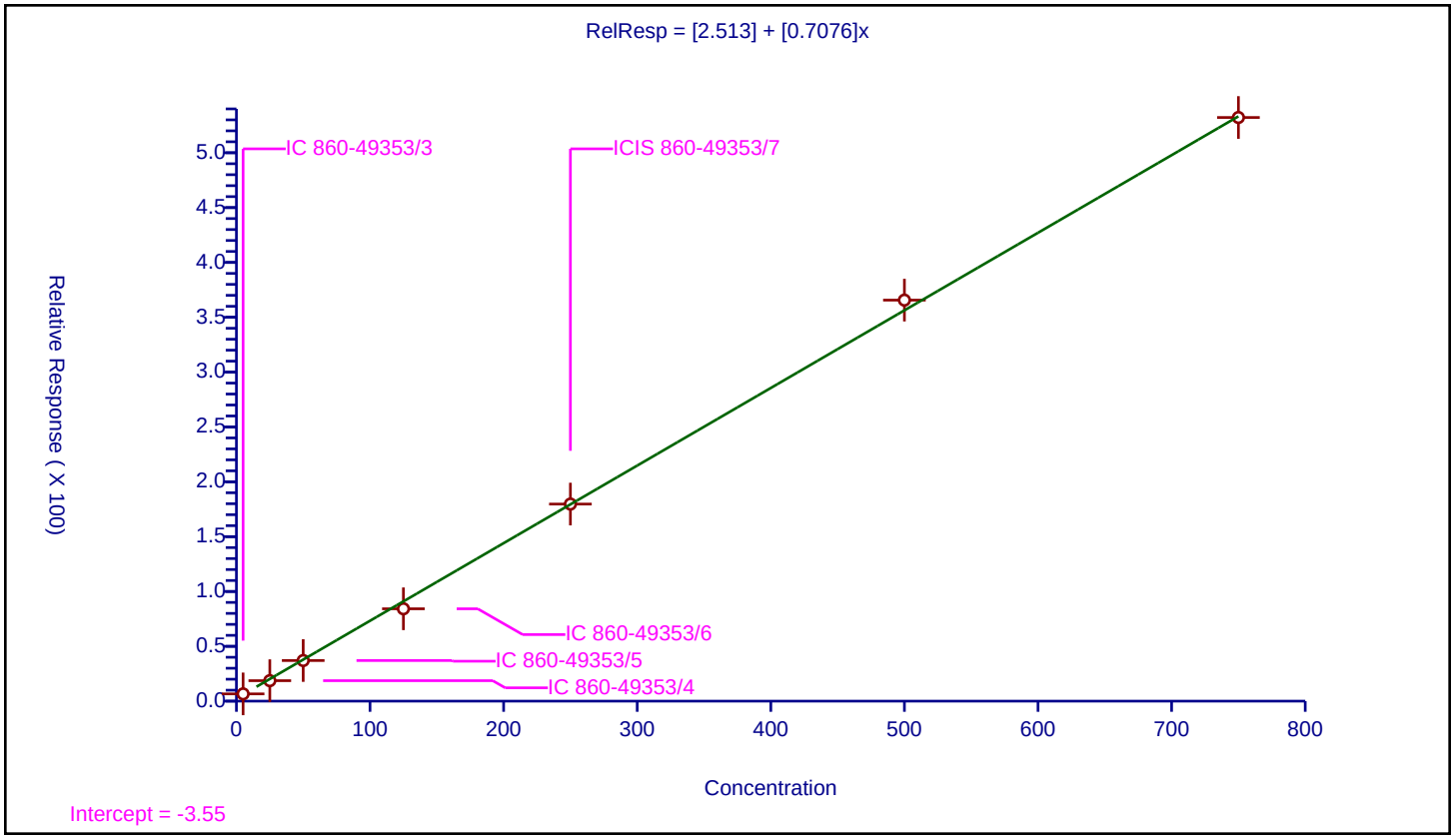
Curve Coefficients

Intercept:	2.513
Slope:	0.7076

Error Coefficients

Standard Error:	2060000
Relative Standard Error:	9.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	5.0	6.621361	50.0	372650.0	1.324272	Y
2	IC 860-49353/4	25.0	18.674455	50.0	378335.0	0.746978	Y
3	IC 860-49353/5	50.0	37.015129	50.0	370743.0	0.740303	Y
4	IC 860-49353/6	125.0	84.214509	50.0	363416.0	0.673716	Y
5	ICIS 860-49353/7	250.0	179.681262	50.0	351951.0	0.718725	Y
6	IC 860-49353/8	500.0	365.634598	50.0	342209.0	0.731269	Y
7	IC 860-49353/9	750.0	532.156082	50.0	338656.0	0.709541	Y



Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

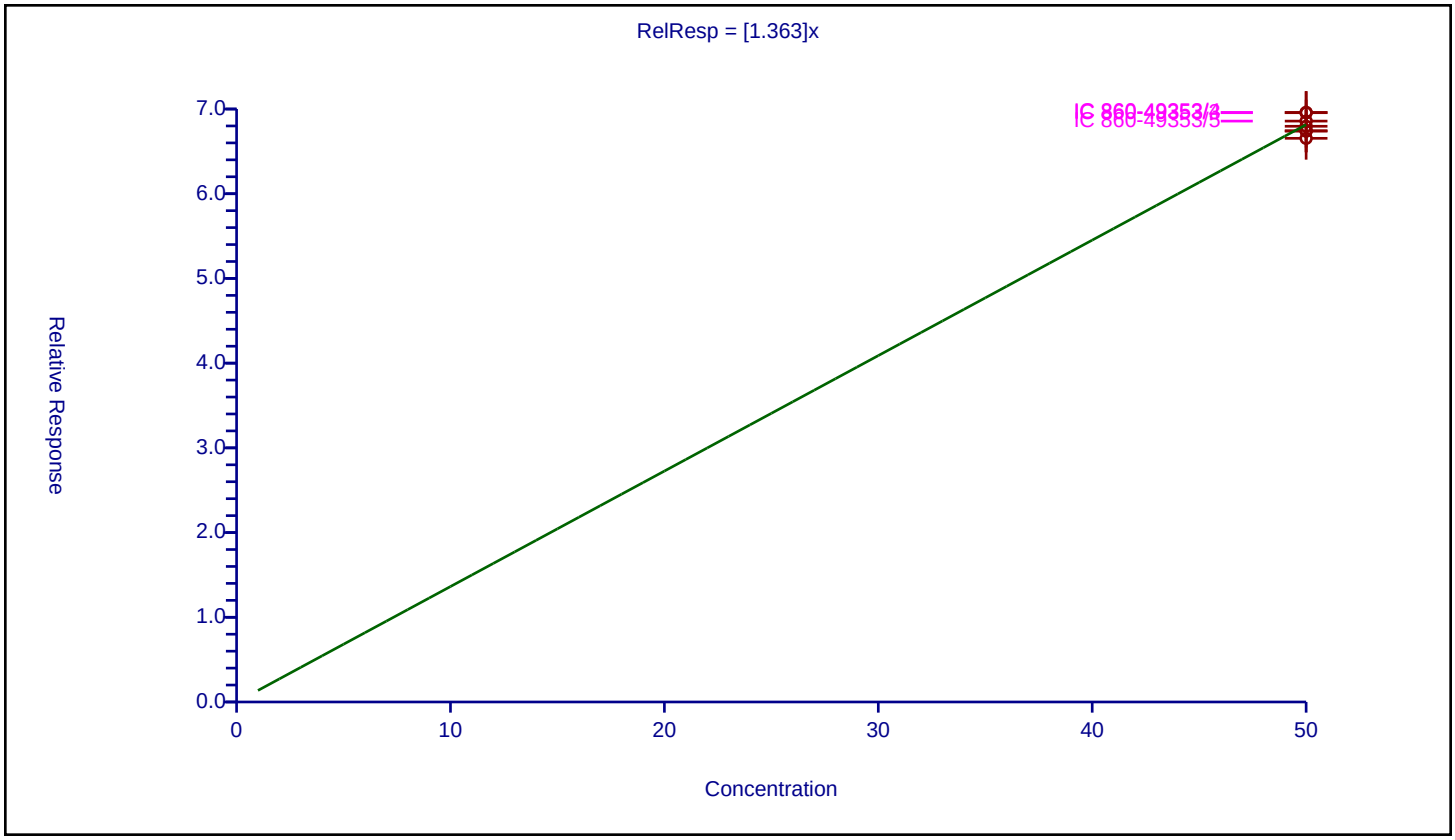
Curve Coefficients

Intercept:	0
Slope:	1.363

Error Coefficients

Standard Error:	510000
Relative Standard Error:	1.7
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	50.0	69.562816	50.0	355846.0	1.391256	Y
2	IC 860-49353/4	50.0	69.597978	50.0	356672.0	1.39196	Y
3	IC 860-49353/5	50.0	68.573746	50.0	349566.0	1.371475	Y
4	IC 860-49353/6	50.0	67.439016	50.0	351978.0	1.34878	Y
5	ICIS 860-49353/7	50.0	67.96472	50.0	337467.0	1.359294	Y
6	IC 860-49353/8	50.0	67.38795	50.0	333757.0	1.347759	Y
7	IC 860-49353/9	50.0	66.539602	50.0	336967.0	1.330792	Y



Calibration / Toluene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

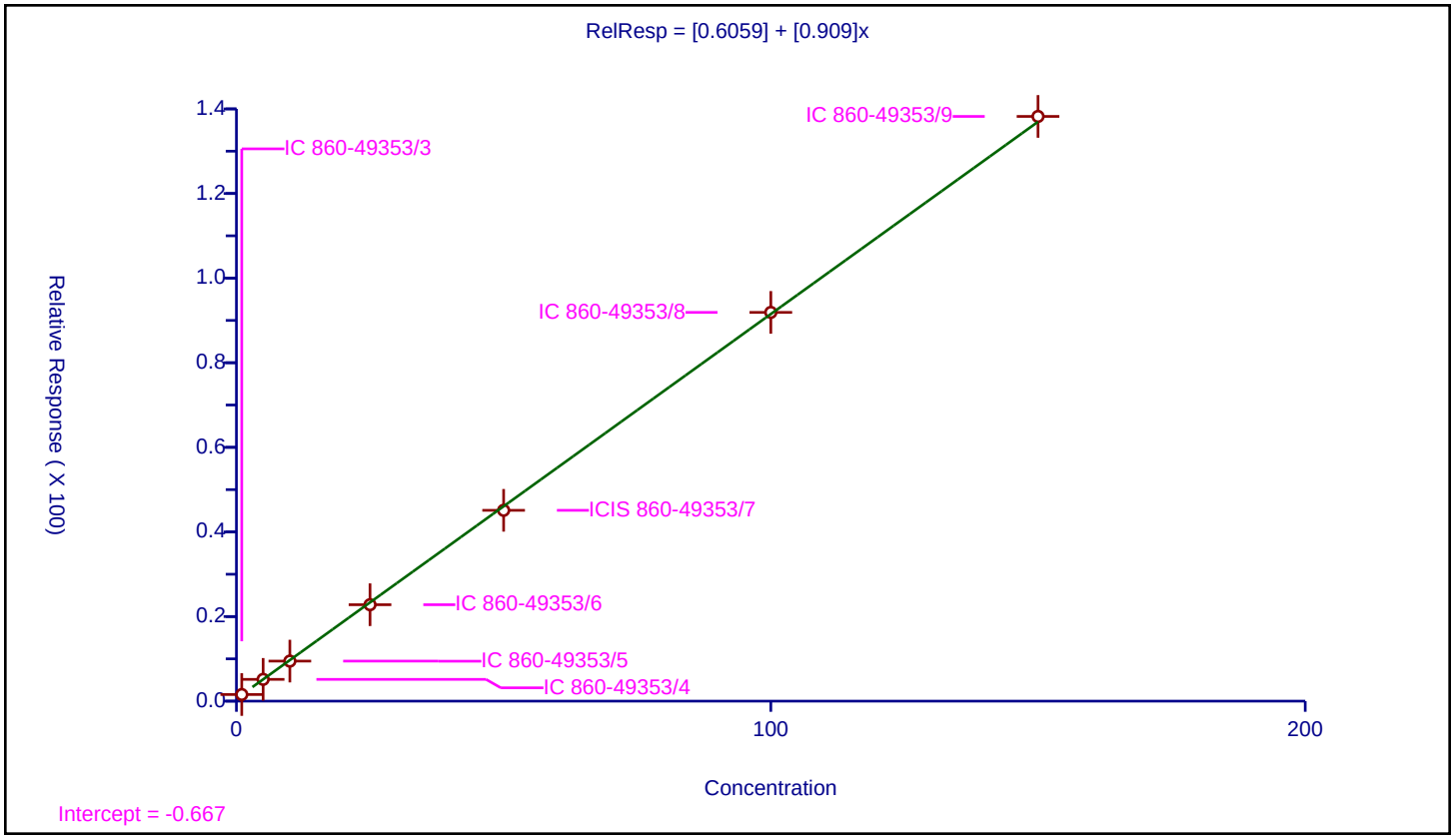
Curve Coefficients

Intercept:	0.6059
Slope:	0.909

Error Coefficients

Standard Error:	523000
Relative Standard Error:	3.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	1.565986	50.0	355846.0	1.565986	Y
2	IC 860-49353/4	5.0	5.147727	50.0	356672.0	1.029545	Y
3	IC 860-49353/5	10.0	9.468741	50.0	349566.0	0.946874	Y
4	IC 860-49353/6	25.0	22.796311	50.0	351978.0	0.911852	Y
5	ICIS 860-49353/7	50.0	45.107818	50.0	337467.0	0.902156	Y
6	IC 860-49353/8	100.0	91.894402	50.0	333757.0	0.918944	Y
7	IC 860-49353/9	150.0	138.21665	50.0	336967.0	0.921444	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

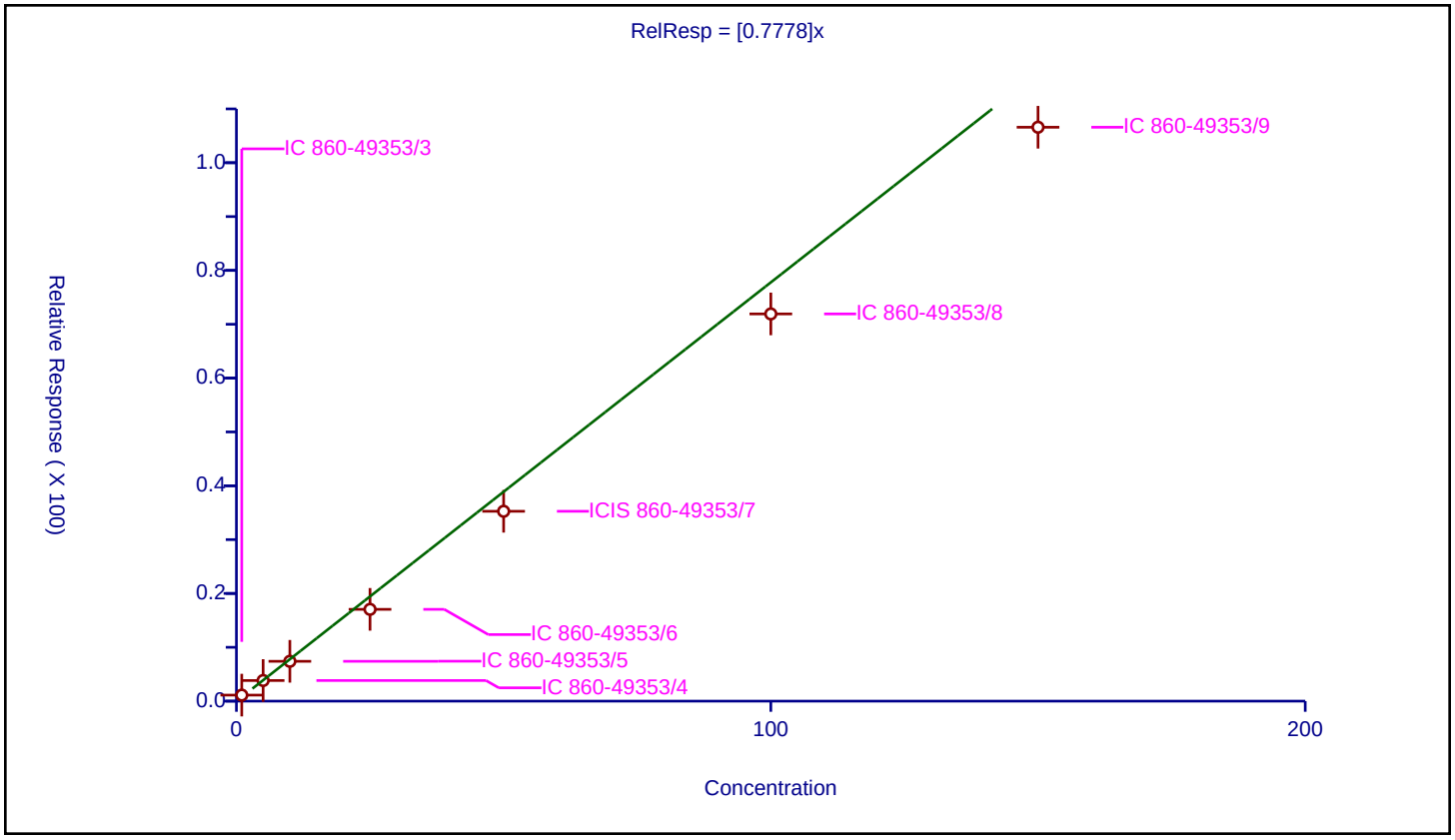
Curve Coefficients

Intercept:	0
Slope:	0.7778

Error Coefficients

Standard Error:	370000
Relative Standard Error:	19.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.943

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	1.121693	50.0	355846.0	1.121693	Y
2	IC 860-49353/4	5.0	3.829709	50.0	356672.0	0.765942	Y
3	IC 860-49353/5	10.0	7.396743	50.0	349566.0	0.739674	Y
4	IC 860-49353/6	25.0	17.04794	50.0	351978.0	0.681918	Y
5	ICIS 860-49353/7	50.0	35.2633	50.0	337467.0	0.705266	Y
6	IC 860-49353/8	100.0	71.918042	50.0	333757.0	0.71918	Y
7	IC 860-49353/9	150.0	106.593227	50.0	336967.0	0.710622	Y



Calibration / Ethyl methacrylate

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

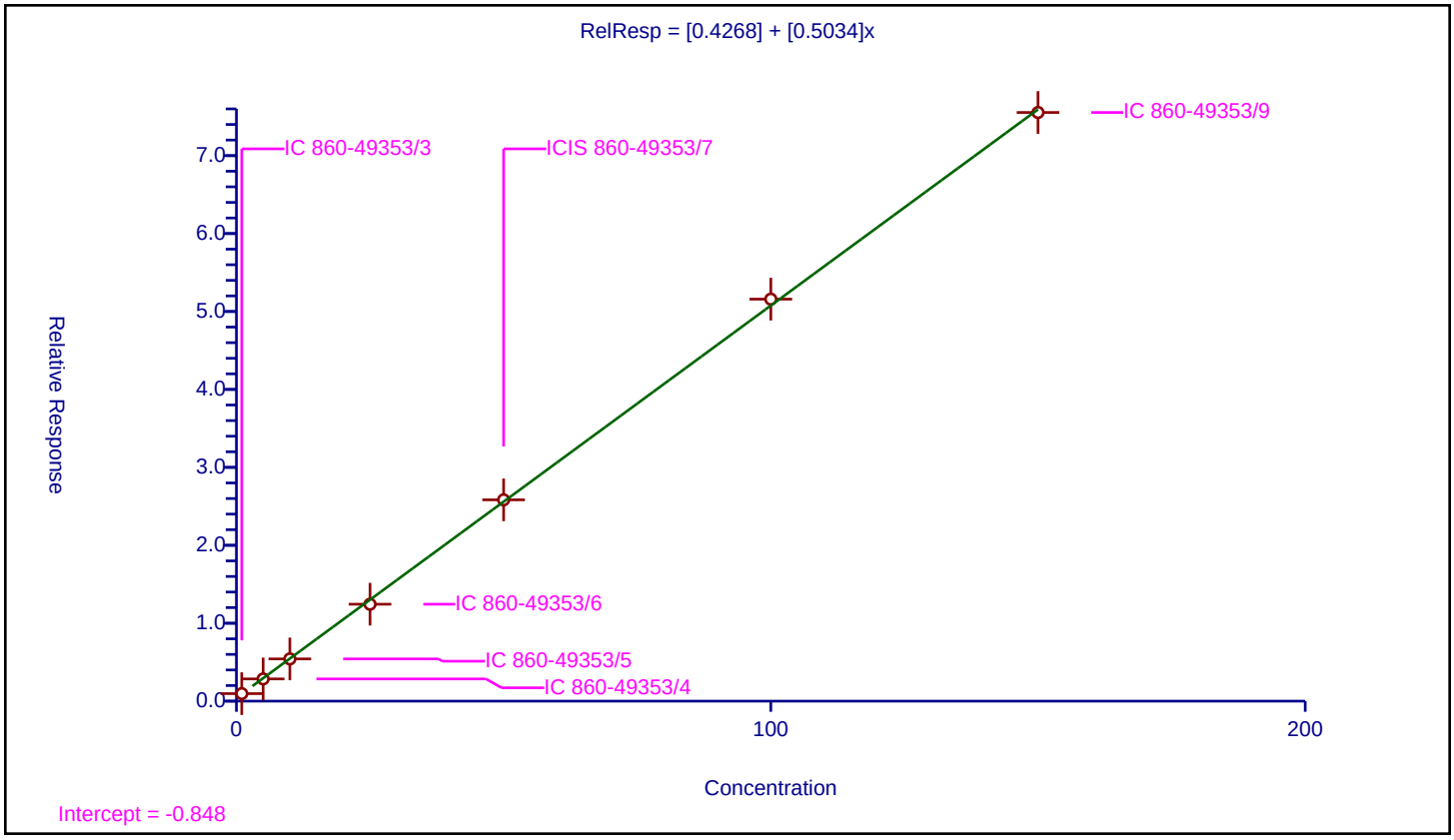
Curve Coefficients

Intercept:	0.4268
Slope:	0.5034

Error Coefficients

Standard Error:	289000
Relative Standard Error:	4.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	0.965305	50.0	355846.0	0.965305	Y
2	IC 860-49353/4	5.0	2.850939	50.0	356672.0	0.570188	Y
3	IC 860-49353/5	10.0	5.419863	50.0	349566.0	0.541986	Y
4	IC 860-49353/6	25.0	12.437567	50.0	351978.0	0.497503	Y
5	ICIS 860-49353/7	50.0	25.833785	50.0	337467.0	0.516676	Y
6	IC 860-49353/8	100.0	51.586184	50.0	333757.0	0.515862	Y
7	IC 860-49353/9	150.0	75.538257	50.0	336967.0	0.503588	Y



Calibration / 1,1,2-Trichloroethane

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

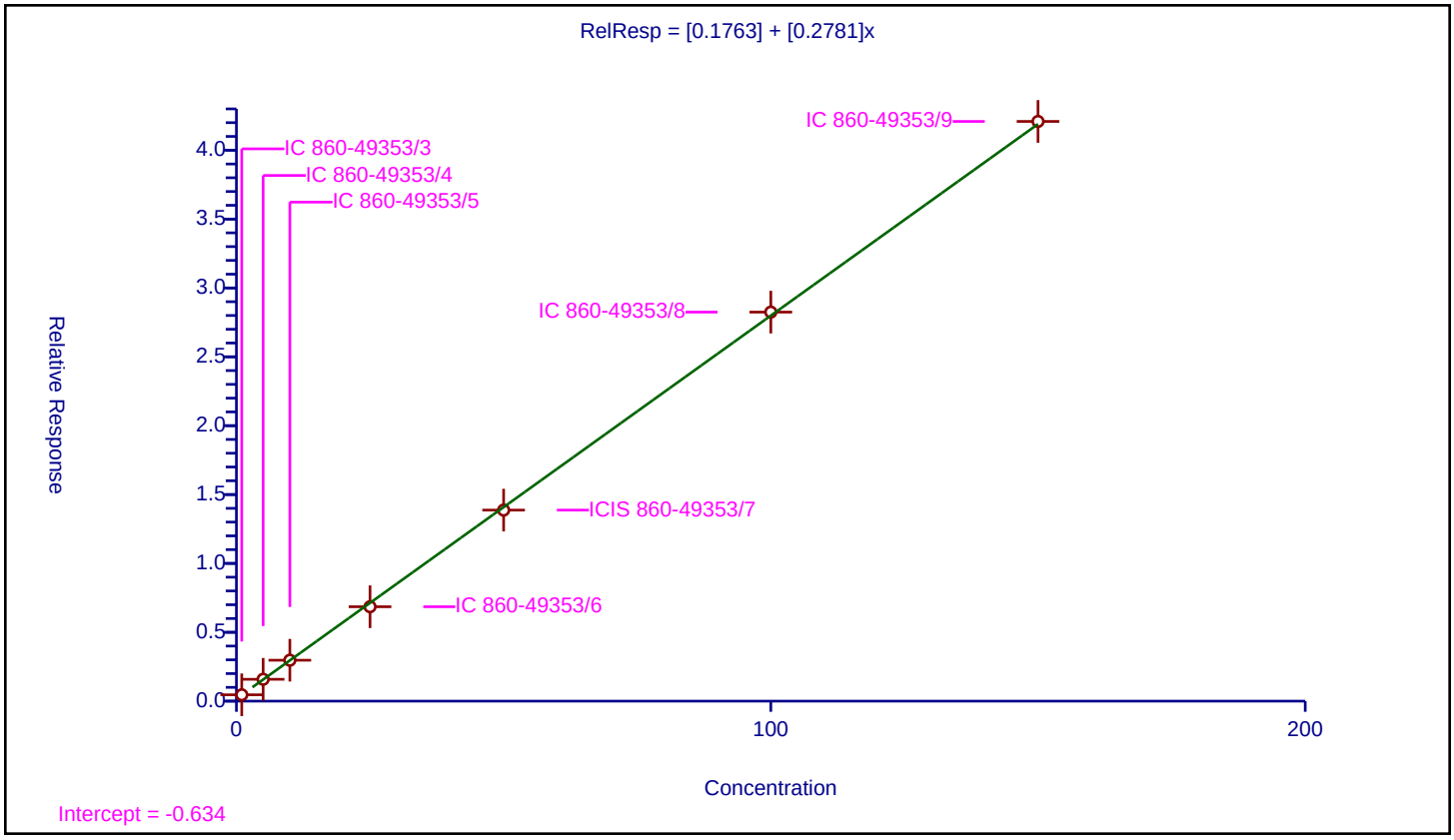
Curve Coefficients

Intercept:	0.1763
Slope:	0.2781

Error Coefficients

Standard Error:	160000
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 860-49353/3	1.0	0.460452	50.0	355846.0	0.460452	Y
2	IC 860-49353/4	5.0	1.587453	50.0	356672.0	0.317491	Y
3	IC 860-49353/5	10.0	2.970255	50.0	349566.0	0.297025	Y
4	IC 860-49353/6	25.0	6.854548	50.0	351978.0	0.274182	Y
5	ICIS 860-49353/7	50.0	13.87069	50.0	337467.0	0.277414	Y
6	IC 860-49353/8	100.0	28.2454	50.0	333757.0	0.282454	Y
7	IC 860-49353/9	150.0	42.08973	50.0	336967.0	0.280598	Y



Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

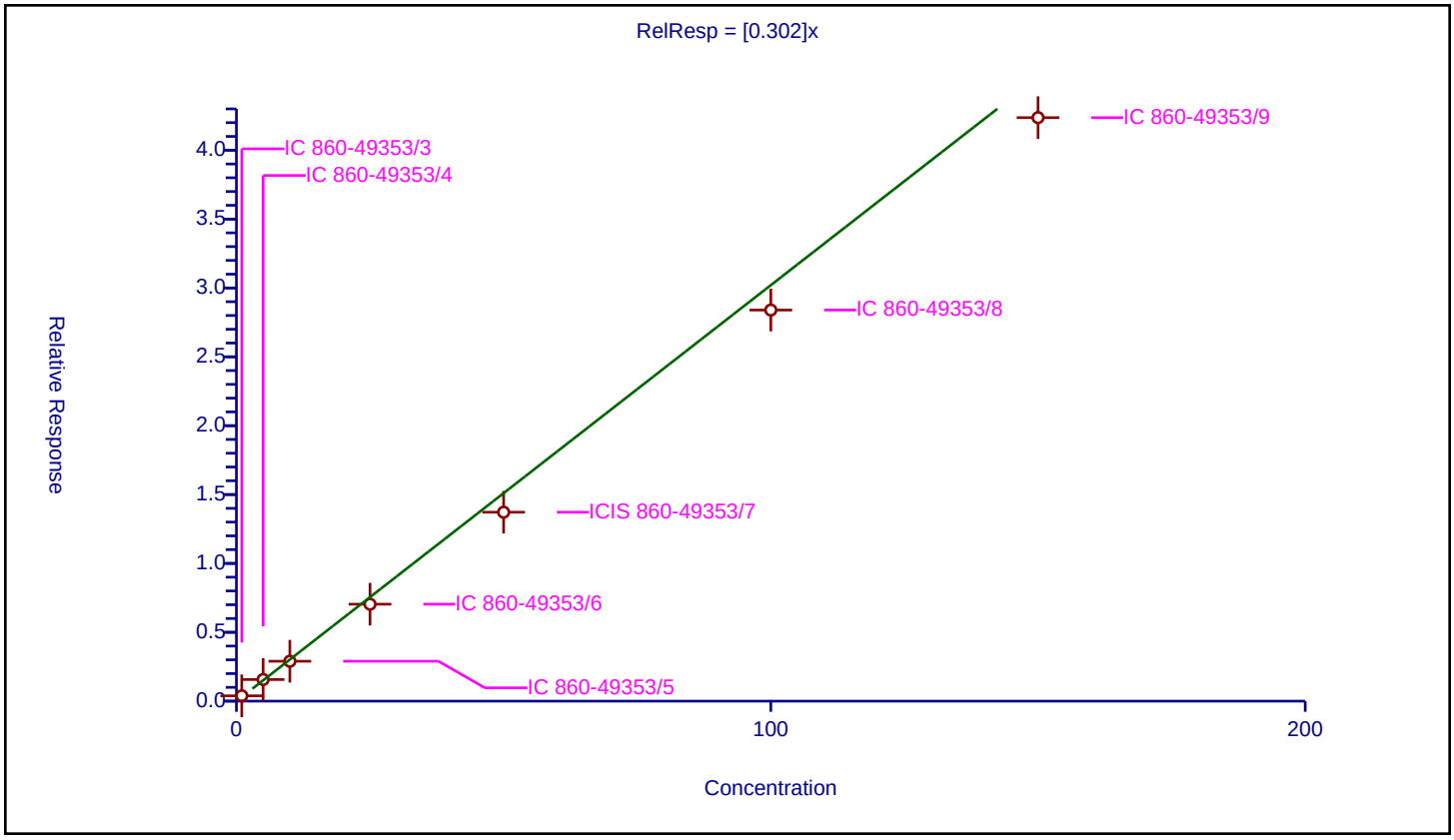
Curve Coefficients

Intercept:	0
Slope:	0.302

Error Coefficients

Standard Error:	147000
Relative Standard Error:	13.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	0.38837	50.0	355846.0	0.38837	Y
2	IC 860-49353/4	5.0	1.568528	50.0	356672.0	0.313706	Y
3	IC 860-49353/5	10.0	2.896878	50.0	349566.0	0.289688	Y
4	IC 860-49353/6	25.0	7.039502	50.0	351978.0	0.28158	Y
5	ICIS 860-49353/7	50.0	13.716156	50.0	337467.0	0.274323	Y
6	IC 860-49353/8	100.0	28.39461	50.0	333757.0	0.283946	Y
7	IC 860-49353/9	150.0	42.363792	50.0	336967.0	0.282425	Y



Calibration / 1,3-Dichloropropane

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

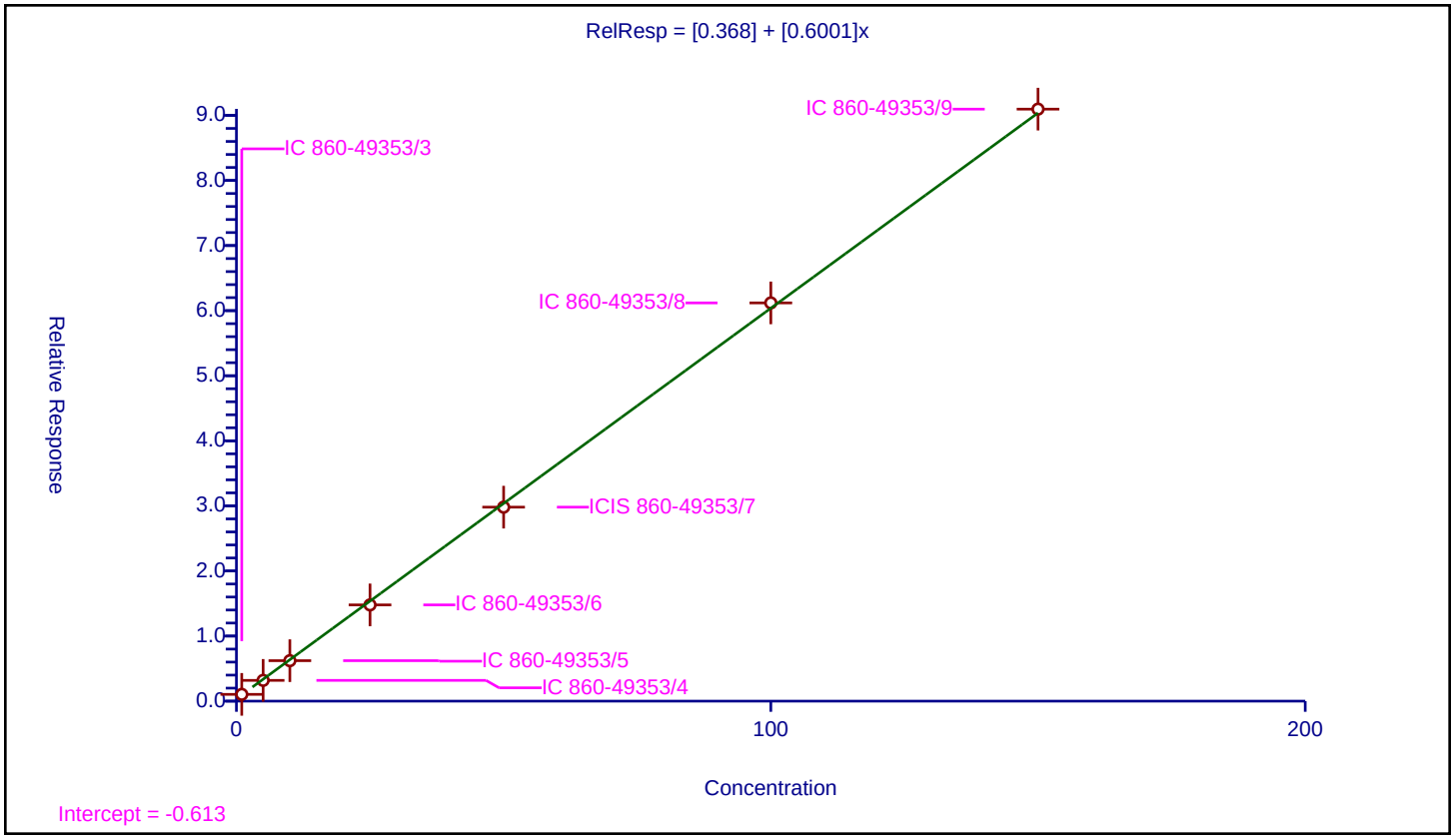
Curve Coefficients

Intercept:	0.368
Slope:	0.6001

Error Coefficients

Standard Error:	345000
Relative Standard Error:	6.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	1.04104	50.0	355846.0	1.04104	Y
2	IC 860-49353/4	5.0	3.191868	50.0	356672.0	0.638374	Y
3	IC 860-49353/5	10.0	6.21628	50.0	349566.0	0.621628	Y
4	IC 860-49353/6	25.0	14.78743	50.0	351978.0	0.591497	Y
5	ICIS 860-49353/7	50.0	29.806025	50.0	337467.0	0.596121	Y
6	IC 860-49353/8	100.0	61.190777	50.0	333757.0	0.611908	Y
7	IC 860-49353/9	150.0	90.963952	50.0	336967.0	0.606426	Y



Calibration / 2-Hexanone

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

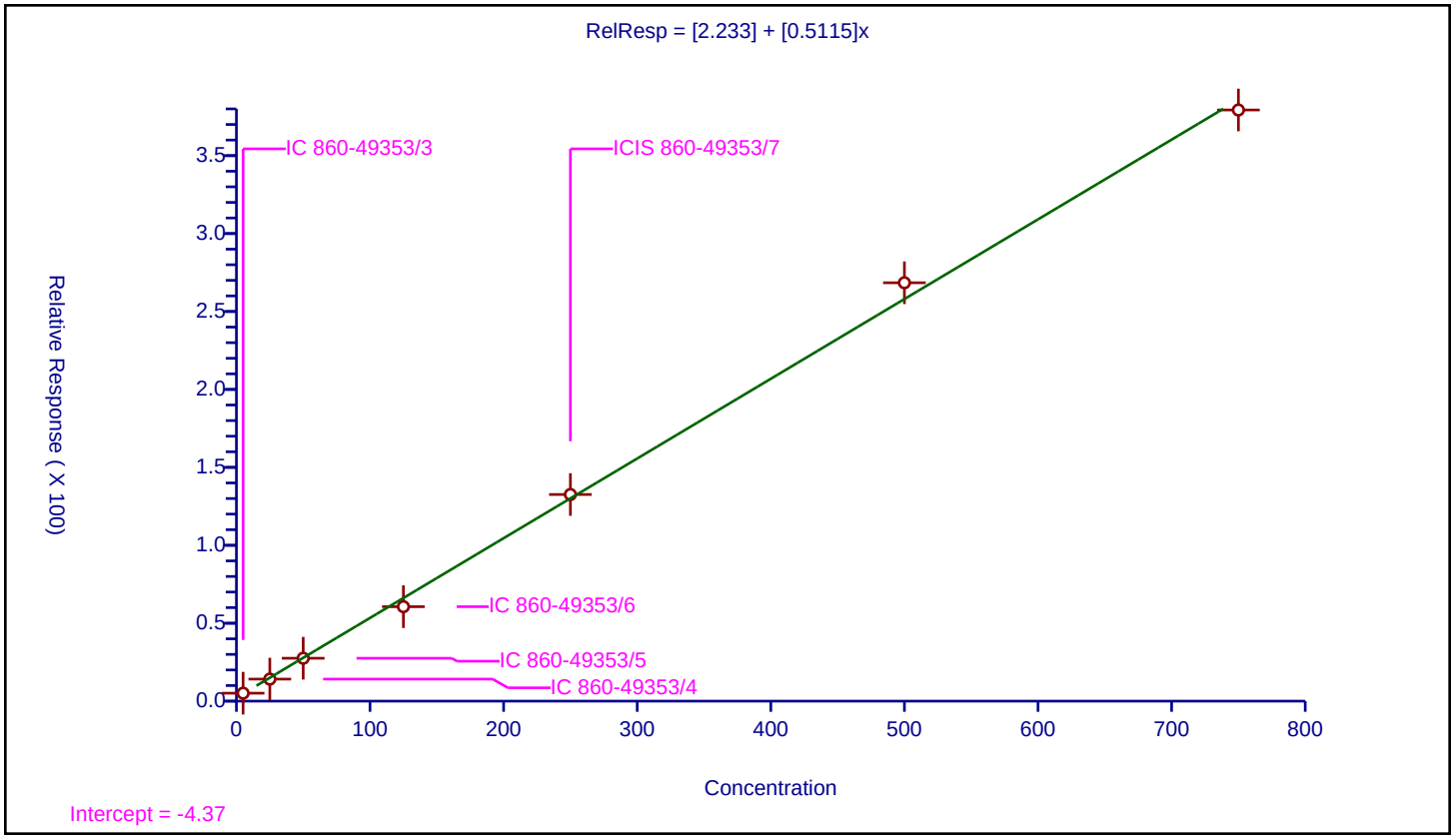
Curve Coefficients

Intercept:	2.233
Slope:	0.5115

Error Coefficients

Standard Error:	1470000
Relative Standard Error:	7.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	5.0	5.105017	50.0	355846.0	1.021003	Y
2	IC 860-49353/4	25.0	14.147873	50.0	356672.0	0.565915	Y
3	IC 860-49353/5	50.0	27.519696	50.0	349566.0	0.550394	Y
4	IC 860-49353/6	125.0	60.614158	50.0	351978.0	0.484913	Y
5	ICIS 860-49353/7	250.0	132.581408	50.0	337467.0	0.530326	Y
6	IC 860-49353/8	500.0	268.439463	50.0	333757.0	0.536879	Y
7	IC 860-49353/9	750.0	379.293373	50.0	336967.0	0.505724	Y



Calibration / Chlorodibromomethane

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

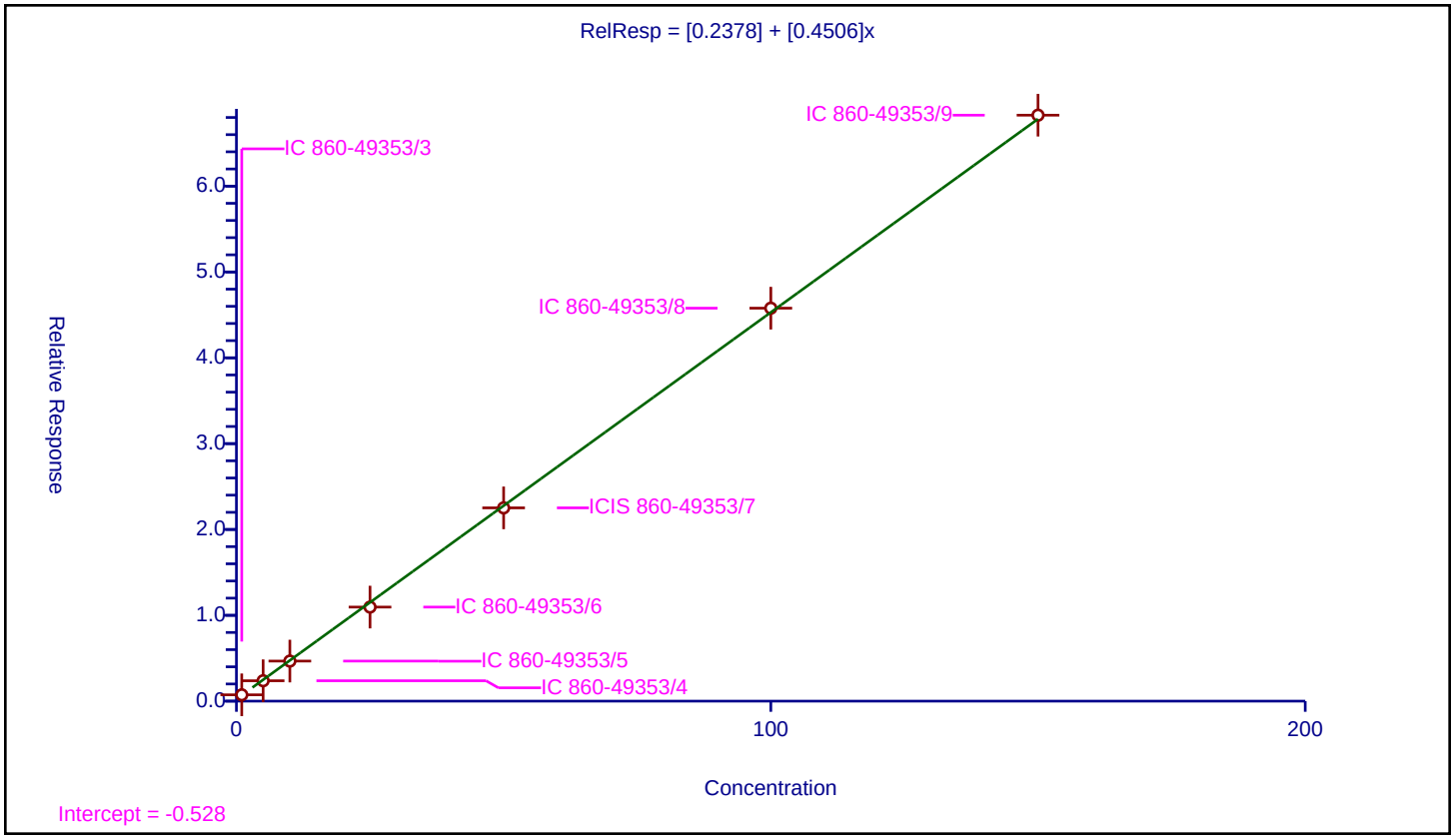
Curve Coefficients

Intercept:	0.2378
Slope:	0.4506

Error Coefficients

Standard Error:	259000
Relative Standard Error:	5.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	0.737538	50.0	355846.0	0.737538	Y
2	IC 860-49353/4	5.0	2.376834	50.0	356672.0	0.475367	Y
3	IC 860-49353/5	10.0	4.667788	50.0	349566.0	0.466779	Y
4	IC 860-49353/6	25.0	10.957219	50.0	351978.0	0.438289	Y
5	ICIS 860-49353/7	50.0	22.515387	50.0	337467.0	0.450308	Y
6	IC 860-49353/8	100.0	45.783909	50.0	333757.0	0.457839	Y
7	IC 860-49353/9	150.0	68.266774	50.0	336967.0	0.455112	Y



Calibration / Ethylene Dibromide

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

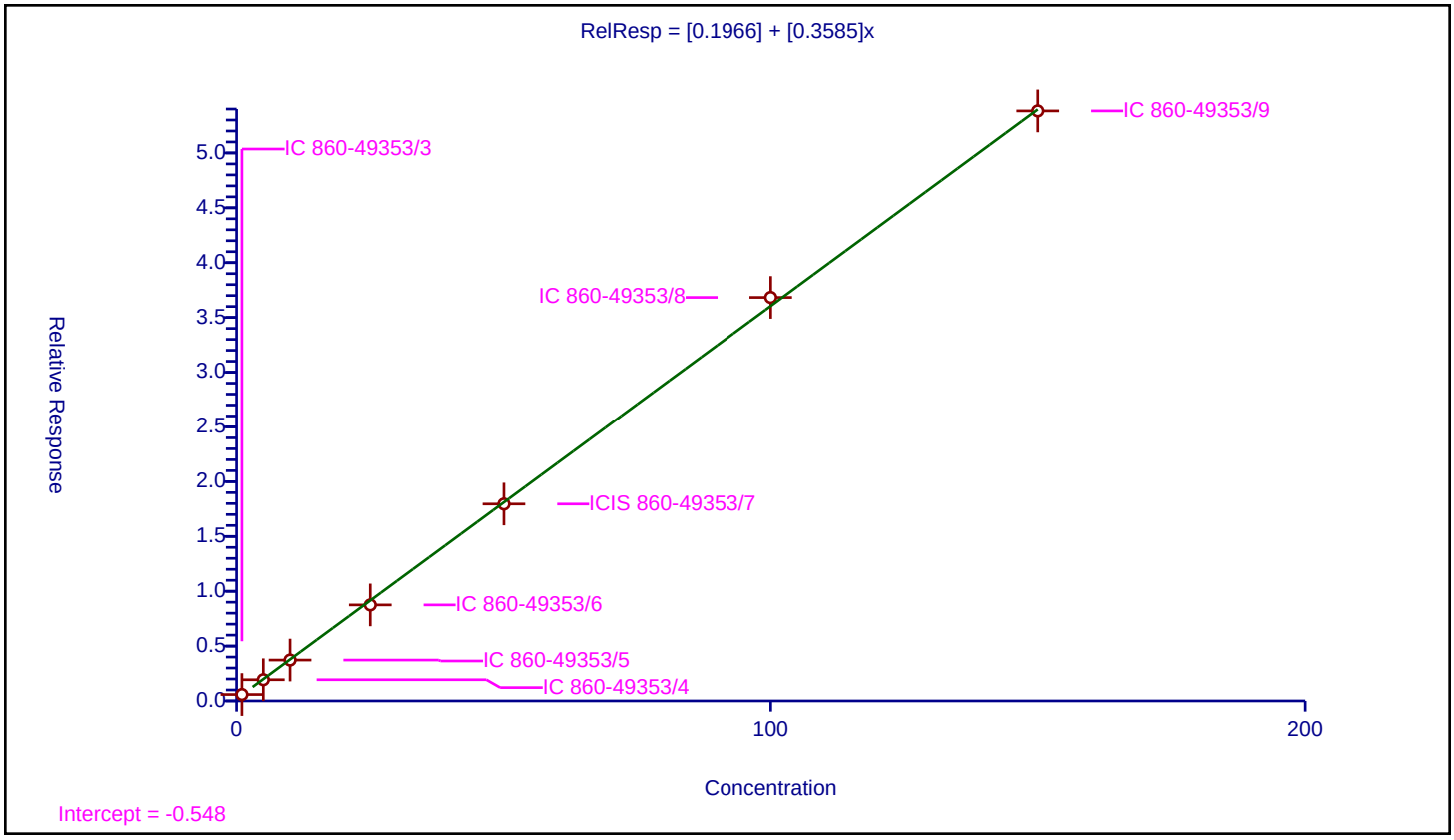
Curve Coefficients

Intercept:	0.1966
Slope:	0.3585

Error Coefficients

Standard Error:	206000
Relative Standard Error:	4.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	0.584382	50.0	355846.0	0.584382	Y
2	IC 860-49353/4	5.0	1.931887	50.0	356672.0	0.386377	Y
3	IC 860-49353/5	10.0	3.726621	50.0	349566.0	0.372662	Y
4	IC 860-49353/6	25.0	8.75211	50.0	351978.0	0.350084	Y
5	ICIS 860-49353/7	50.0	17.960275	50.0	337467.0	0.359205	Y
6	IC 860-49353/8	100.0	36.825295	50.0	333757.0	0.368253	Y
7	IC 860-49353/9	150.0	53.827823	50.0	336967.0	0.358852	Y



Calibration / 1-Chlorohexane

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

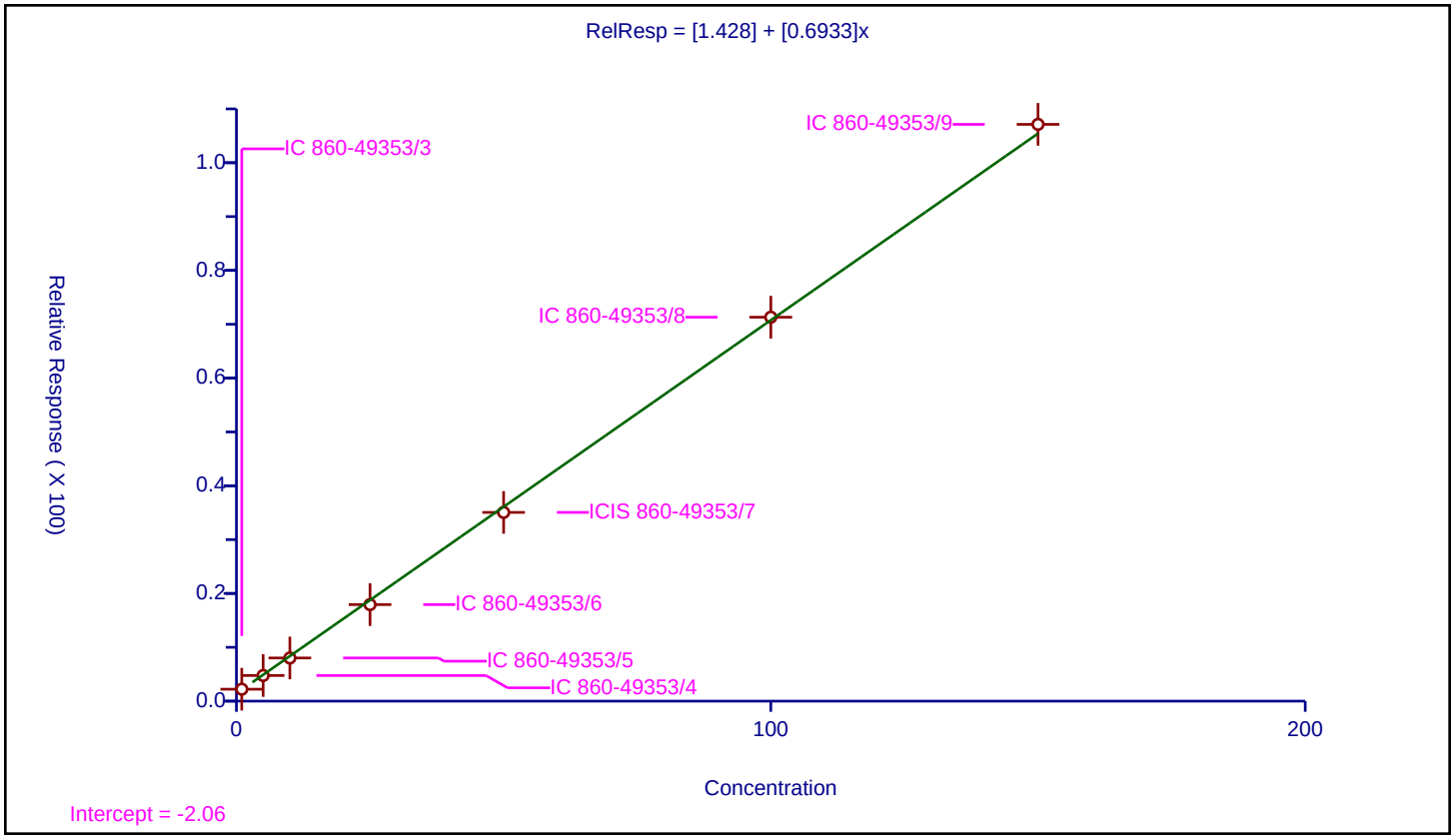
Curve Coefficients

Intercept:	1.428
Slope:	0.6933

Error Coefficients

Standard Error:	406000
Relative Standard Error:	7.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	2.219499	50.0	355846.0	2.219499	Y
2	IC 860-49353/4	5.0	4.76362	50.0	356672.0	0.952724	Y
3	IC 860-49353/5	10.0	8.015082	50.0	349566.0	0.801508	Y
4	IC 860-49353/6	25.0	17.927683	50.0	351978.0	0.717107	Y
5	ICIS 860-49353/7	50.0	35.056465	50.0	337467.0	0.701129	Y
6	IC 860-49353/8	100.0	71.313111	50.0	333757.0	0.713131	Y
7	IC 860-49353/9	150.0	107.127256	50.0	336967.0	0.714182	Y



Calibration / Chlorobenzene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

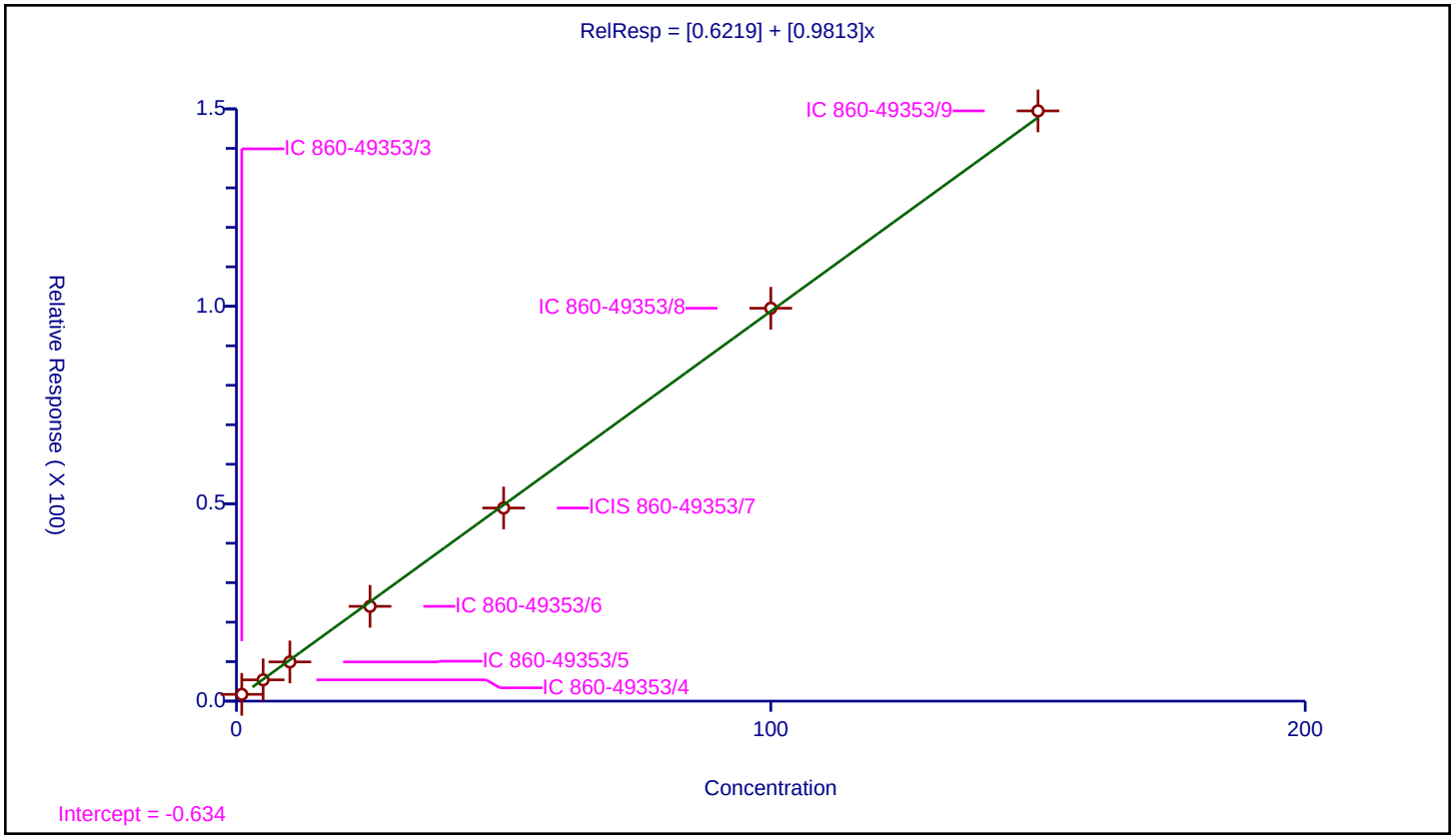
Curve Coefficients

Intercept:	0.6219
Slope:	0.9813

Error Coefficients

Standard Error:	566000
Relative Standard Error:	6.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	1.722936	50.0	355846.0	1.722936	Y
2	IC 860-49353/4	5.0	5.39291	50.0	356672.0	1.078582	Y
3	IC 860-49353/5	10.0	9.934176	50.0	349566.0	0.993418	Y
4	IC 860-49353/6	25.0	24.013575	50.0	351978.0	0.960543	Y
5	ICIS 860-49353/7	50.0	48.91545	50.0	337467.0	0.978309	Y
6	IC 860-49353/8	100.0	99.517613	50.0	333757.0	0.995176	Y
7	IC 860-49353/9	150.0	149.494906	50.0	336967.0	0.996633	Y



Calibration / 1,1,1,2-Tetrachloroethane

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

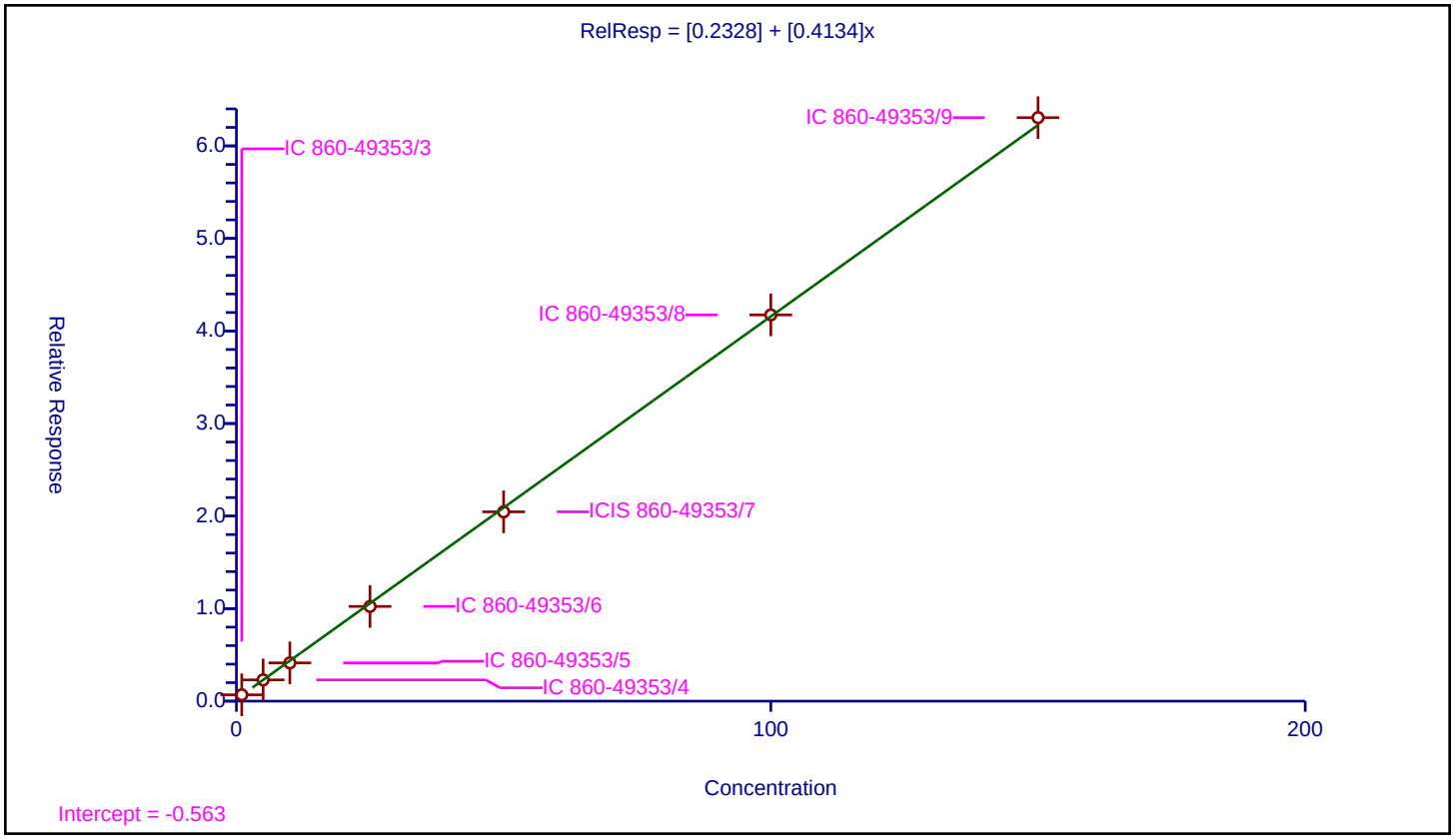
Curve Coefficients

Intercept:	0.2328
Slope:	0.4134

Error Coefficients

Standard Error:	238000
Relative Standard Error:	5.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	0.685128	50.0	355846.0	0.685128	Y
2	IC 860-49353/4	5.0	2.296368	50.0	356672.0	0.459274	Y
3	IC 860-49353/5	10.0	4.13713	50.0	349566.0	0.413713	Y
4	IC 860-49353/6	25.0	10.232032	50.0	351978.0	0.409281	Y
5	ICIS 860-49353/7	50.0	20.456815	50.0	337467.0	0.409136	Y
6	IC 860-49353/8	100.0	41.738151	50.0	333757.0	0.417382	Y
7	IC 860-49353/9	150.0	63.054394	50.0	336967.0	0.420363	Y



Calibration / Ethylbenzene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

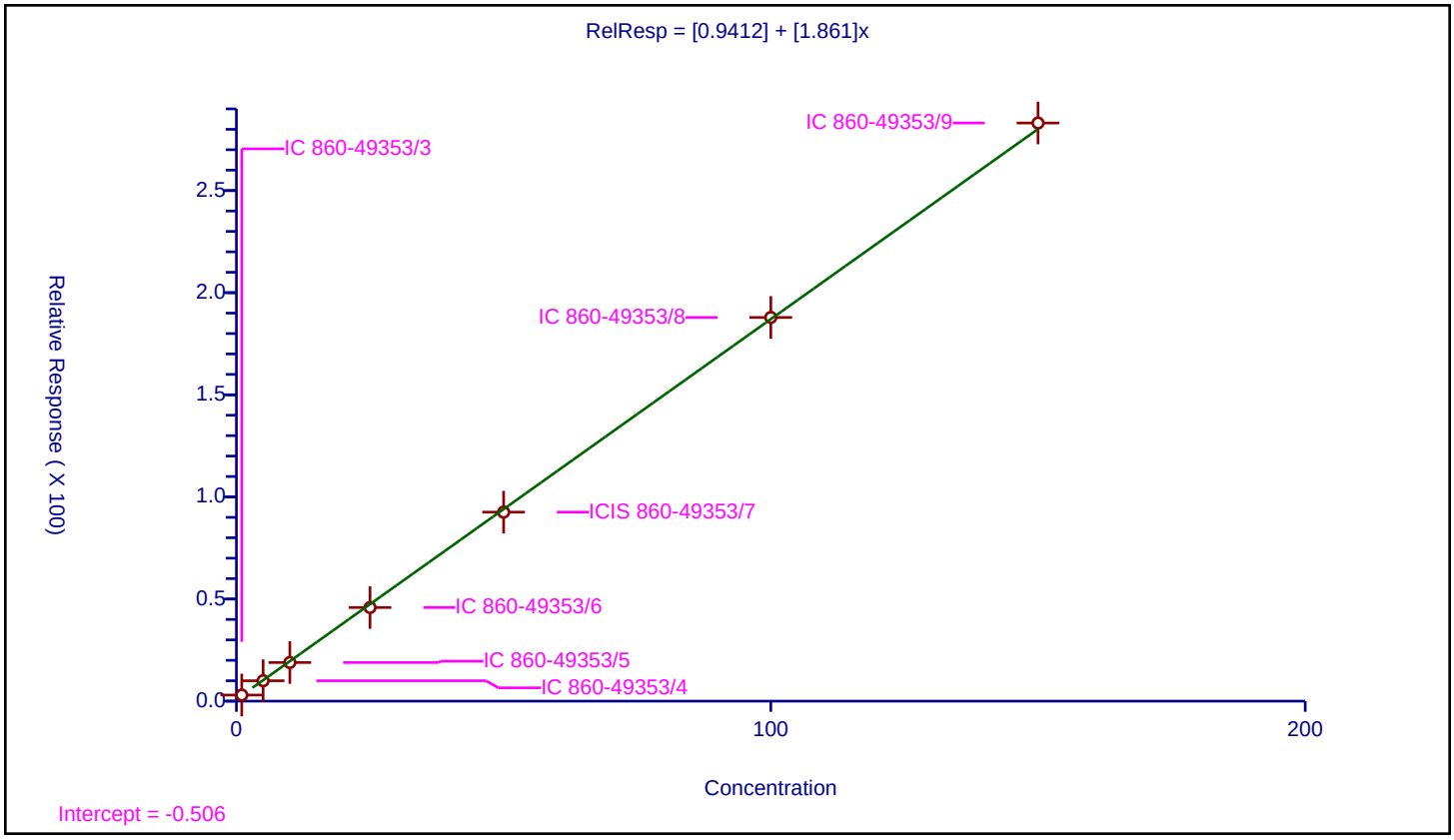
Curve Coefficients

Intercept:	0.9412
Slope:	1.861

Error Coefficients

Standard Error:	1070000
Relative Standard Error:	5.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	2.985421	50.0	355846.0	2.985421	Y
2	IC 860-49353/4	5.0	9.977795	50.0	356672.0	1.995559	Y
3	IC 860-49353/5	10.0	18.919031	50.0	349566.0	1.891903	Y
4	IC 860-49353/6	25.0	45.852013	50.0	351978.0	1.834081	Y
5	ICIS 860-49353/7	50.0	92.546679	50.0	337467.0	1.850934	Y
6	IC 860-49353/8	100.0	187.871565	50.0	333757.0	1.878716	Y
7	IC 860-49353/9	150.0	283.093448	50.0	336967.0	1.88729	Y



Calibration / m-Xylene & p-Xylene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

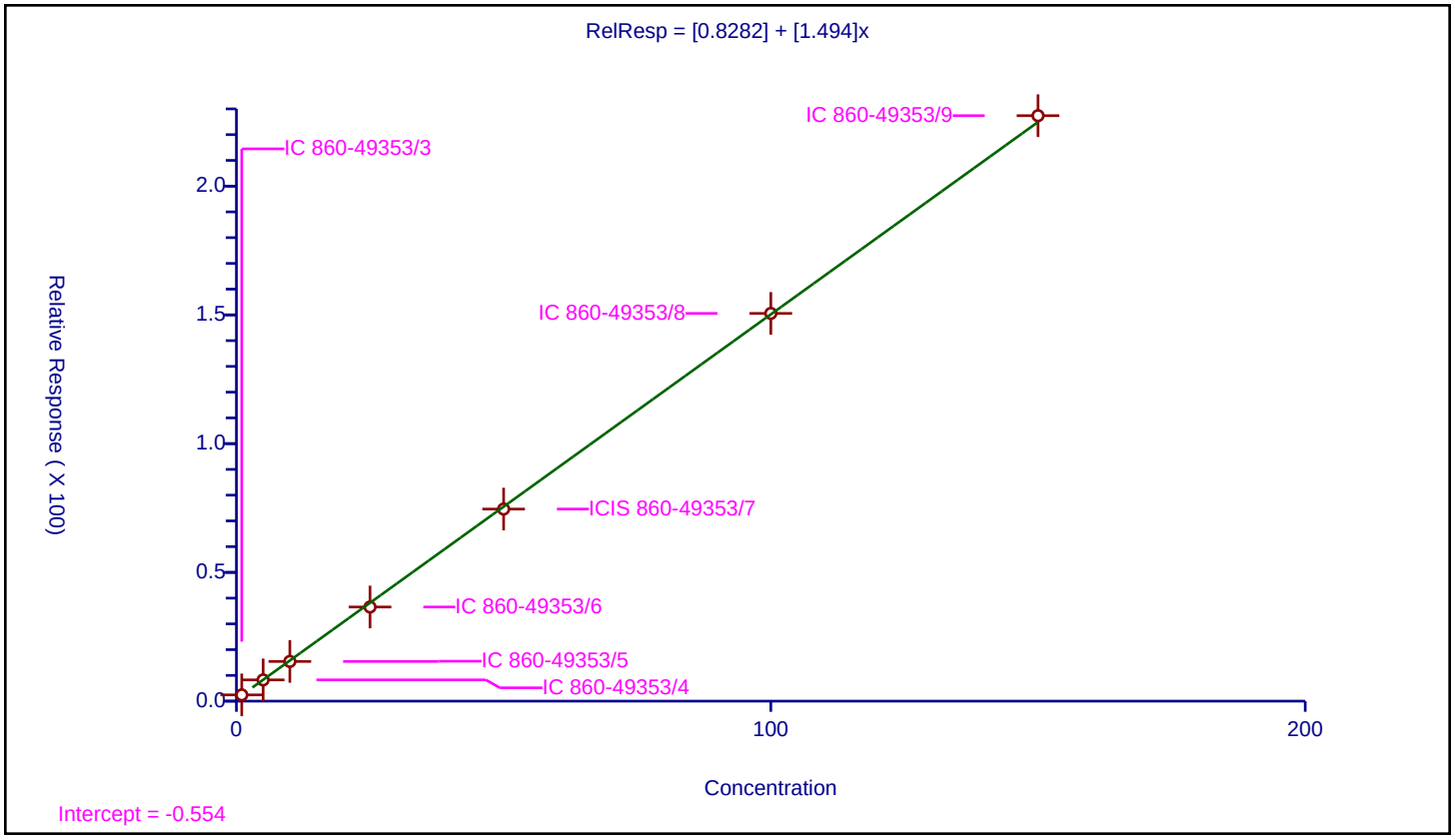
Curve Coefficients

Intercept:	0.8282
Slope:	1.494

Error Coefficients

Standard Error:	859000
Relative Standard Error:	4.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	2.430405	50.0	355846.0	2.430405	Y
2	IC 860-49353/4	5.0	8.245811	50.0	356672.0	1.649162	Y
3	IC 860-49353/5	10.0	15.414972	50.0	349566.0	1.541497	Y
4	IC 860-49353/6	25.0	36.554415	50.0	351978.0	1.462177	Y
5	ICIS 860-49353/7	50.0	74.587145	50.0	337467.0	1.491743	Y
6	IC 860-49353/8	100.0	150.569876	50.0	333757.0	1.505699	Y
7	IC 860-49353/9	150.0	227.364994	50.0	336967.0	1.515767	Y



Calibration / o-Xylene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

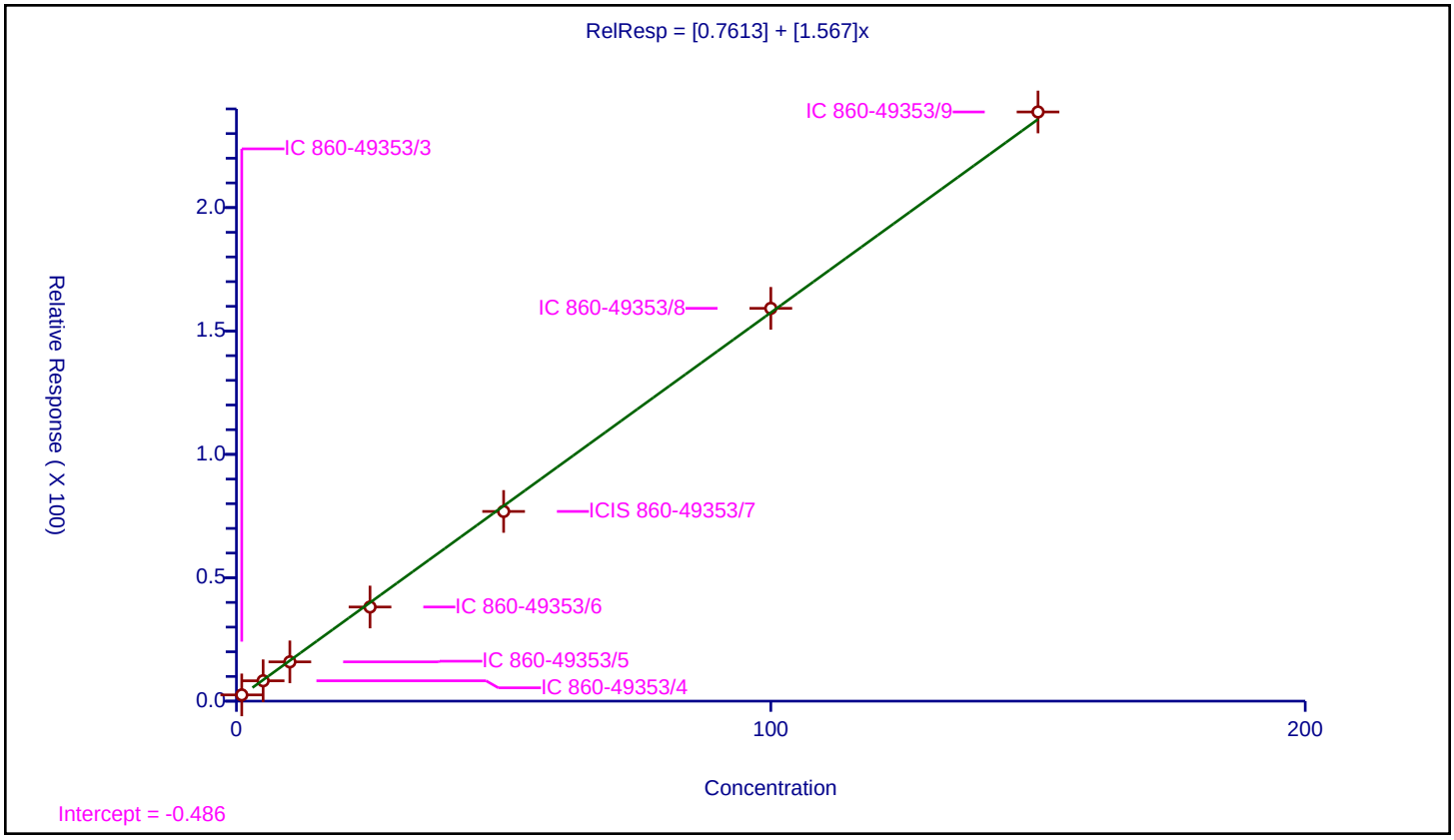
Curve Coefficients

Intercept:	0.7613
Slope:	1.567

Error Coefficients

Standard Error:	903000
Relative Standard Error:	6.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	2.5282	50.0	355846.0	2.5282	Y
2	IC 860-49353/4	5.0	8.248335	50.0	356672.0	1.649667	Y
3	IC 860-49353/5	10.0	15.918596	50.0	349566.0	1.59186	Y
4	IC 860-49353/6	25.0	38.144287	50.0	351978.0	1.525771	Y
5	ICIS 860-49353/7	50.0	76.878332	50.0	337467.0	1.537567	Y
6	IC 860-49353/8	100.0	159.180482	50.0	333757.0	1.591805	Y
7	IC 860-49353/9	150.0	238.756466	50.0	336967.0	1.59171	Y



Calibration / Styrene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

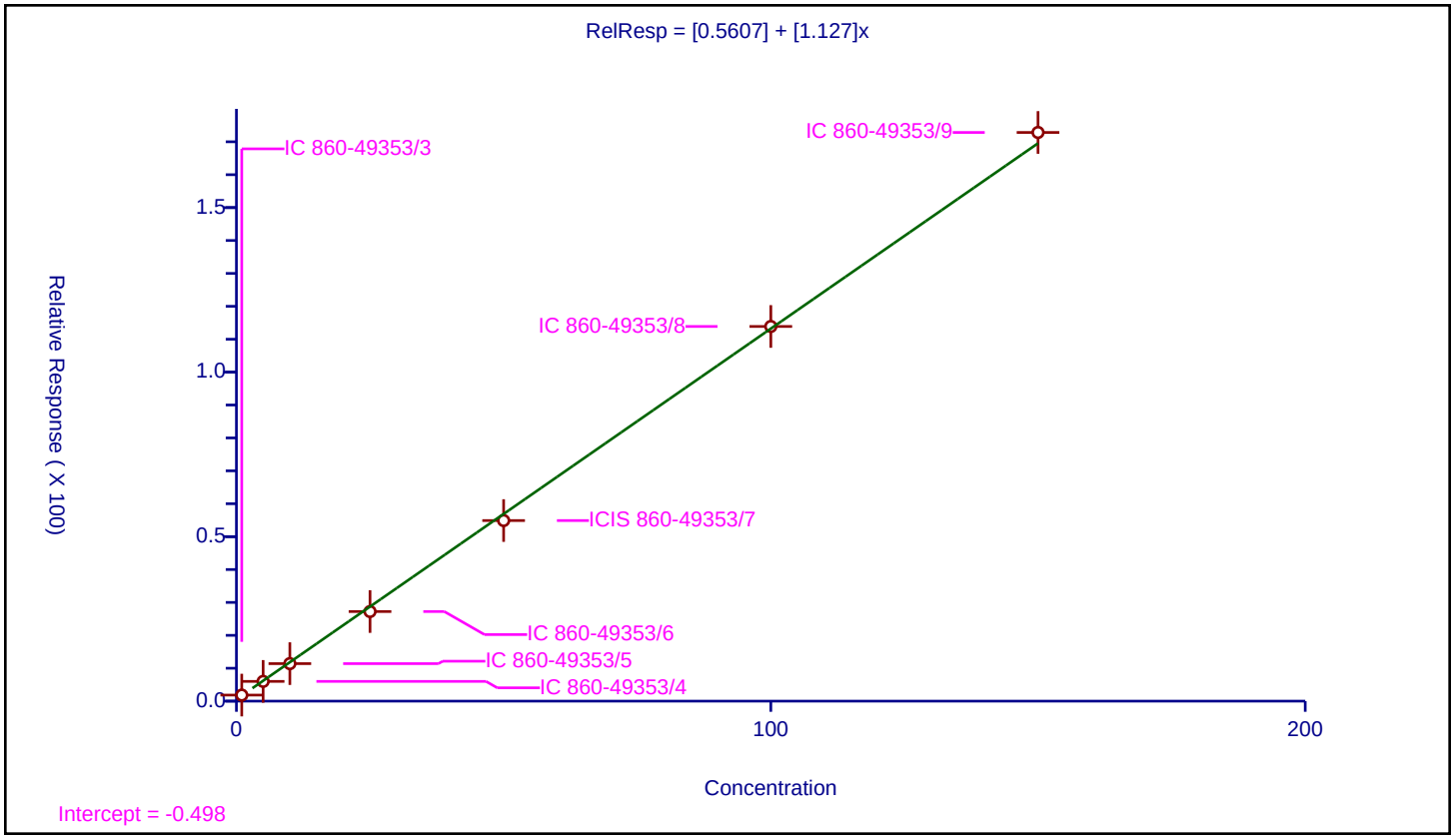
Curve Coefficients

Intercept:	0.5607
Slope:	1.127

Error Coefficients

Standard Error:	651000
Relative Standard Error:	7.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	1.838857	50.0	355846.0	1.838857	Y
2	IC 860-49353/4	5.0	6.002153	50.0	356672.0	1.200431	Y
3	IC 860-49353/5	10.0	11.402997	50.0	349566.0	1.1403	Y
4	IC 860-49353/6	25.0	27.237214	50.0	351978.0	1.089489	Y
5	ICIS 860-49353/7	50.0	54.889367	50.0	337467.0	1.097787	Y
6	IC 860-49353/8	100.0	113.874016	50.0	333757.0	1.13874	Y
7	IC 860-49353/9	150.0	172.836658	50.0	336967.0	1.152244	Y



Calibration / Bromoform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

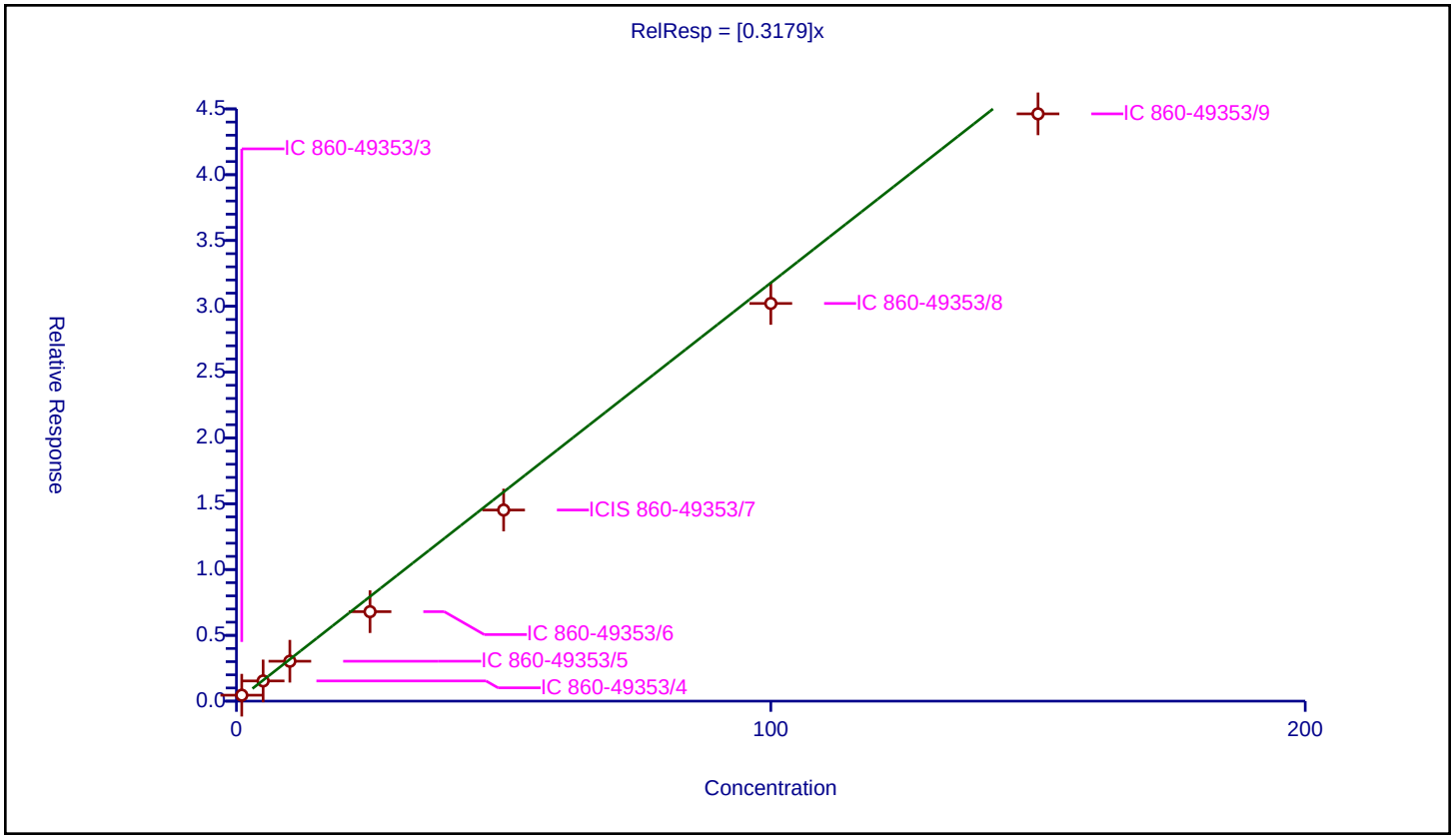
Curve Coefficients

Intercept:	0
Slope:	0.3179

Error Coefficients

Standard Error:	155000
Relative Standard Error:	19.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.948

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	0.452583	50.0	355846.0	0.452583	Y
2	IC 860-49353/4	5.0	1.535304	50.0	356672.0	0.307061	Y
3	IC 860-49353/5	10.0	3.03319	50.0	349566.0	0.303319	Y
4	IC 860-49353/6	25.0	6.797868	50.0	351978.0	0.271915	Y
5	ICIS 860-49353/7	50.0	14.520383	50.0	337467.0	0.290408	Y
6	IC 860-49353/8	100.0	30.216894	50.0	333757.0	0.302169	Y
7	IC 860-49353/9	150.0	44.624399	50.0	336967.0	0.297496	Y



Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

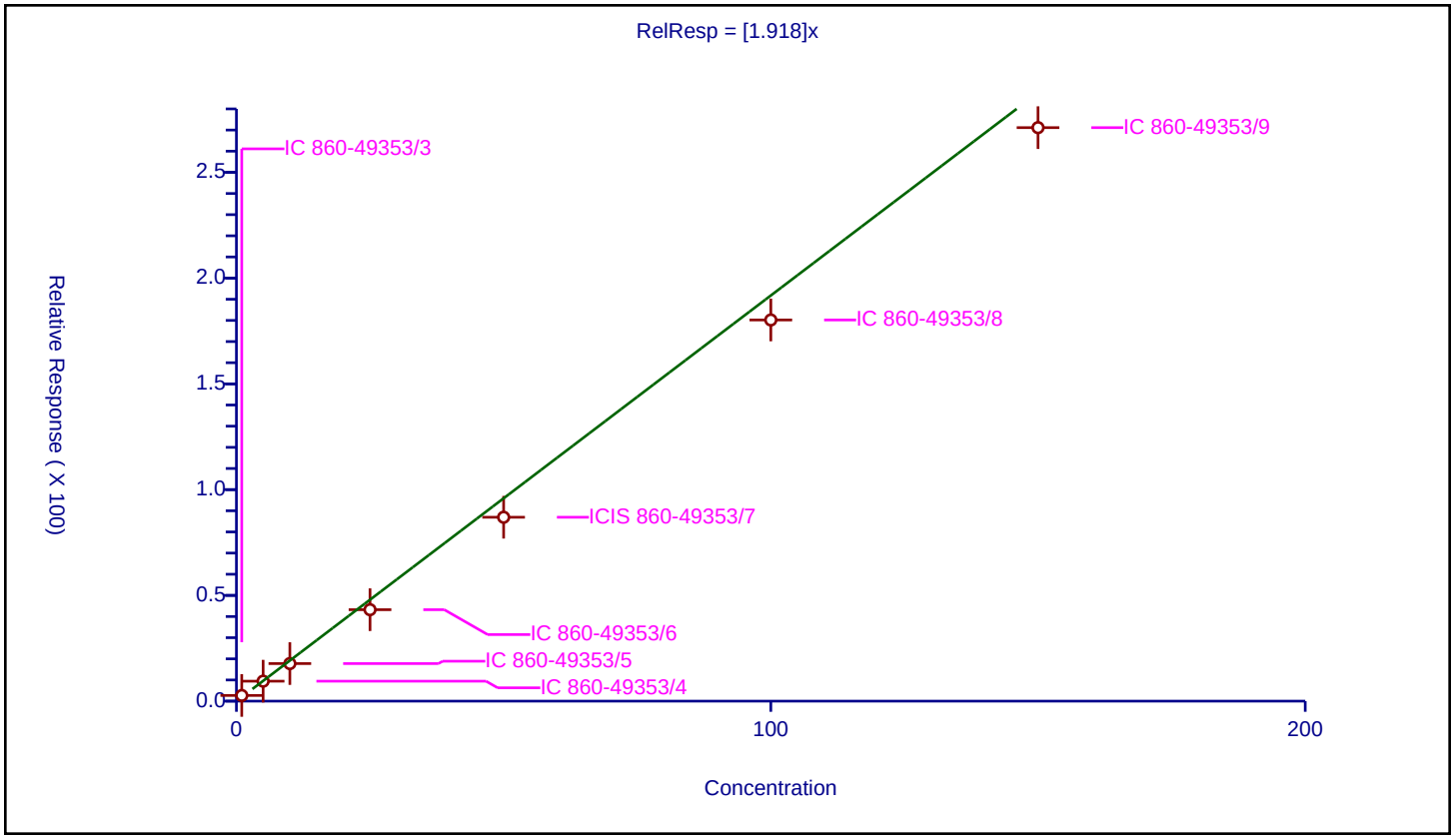
Curve Coefficients

Intercept:	0
Slope:	1.918

Error Coefficients

Standard Error:	935000
Relative Standard Error:	17.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.955

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	2.682059	50.0	355846.0	2.682059	Y
2	IC 860-49353/4	5.0	9.441307	50.0	356672.0	1.888261	Y
3	IC 860-49353/5	10.0	17.761739	50.0	349566.0	1.776174	Y
4	IC 860-49353/6	25.0	43.235089	50.0	351978.0	1.729404	Y
5	ICIS 860-49353/7	50.0	86.941982	50.0	337467.0	1.73884	Y
6	IC 860-49353/8	100.0	180.206557	50.0	333757.0	1.802066	Y
7	IC 860-49353/9	150.0	271.129369	50.0	336967.0	1.807529	Y



Calibration / Cyclohexanone

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

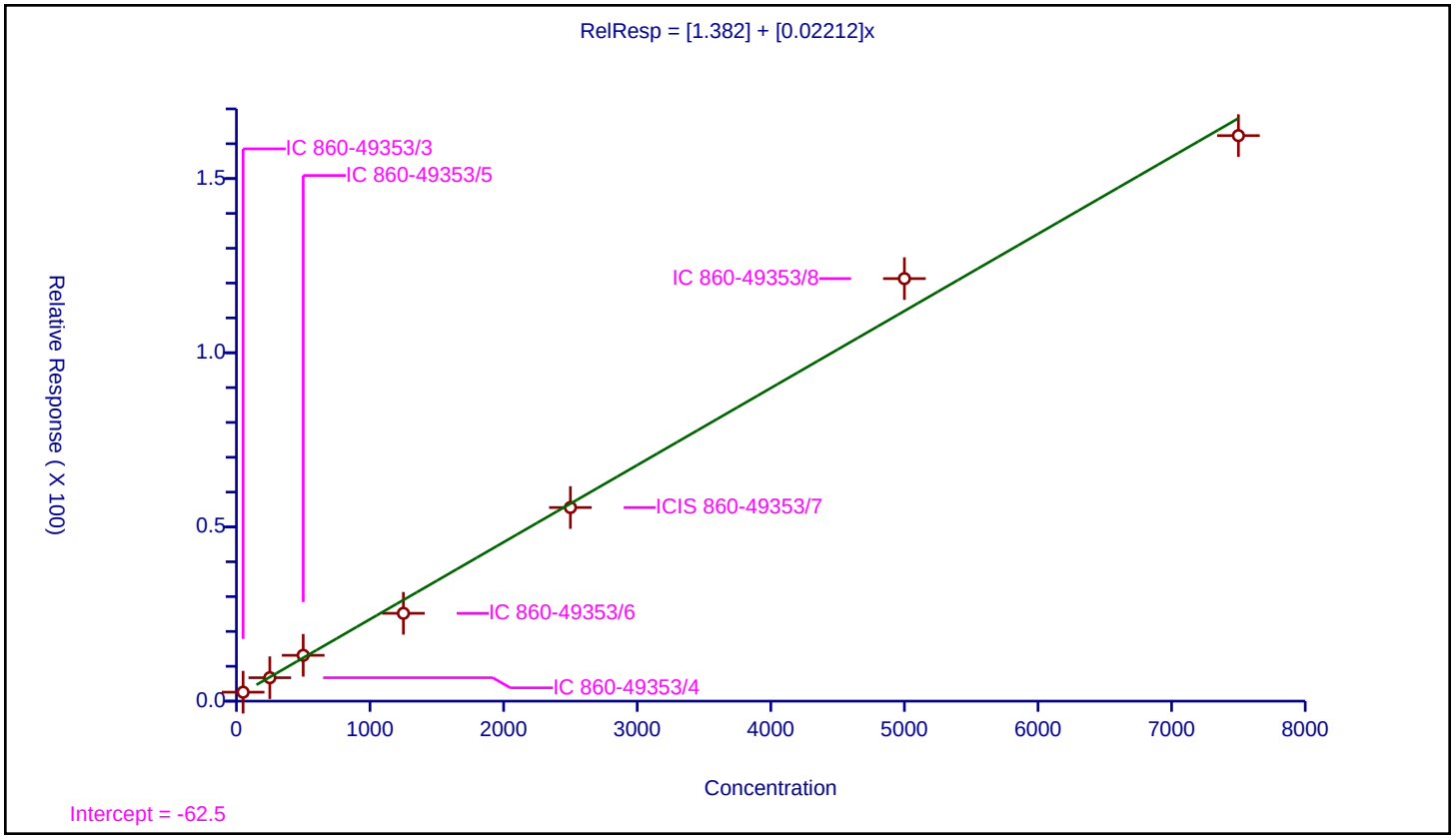
Curve Coefficients

Intercept:	1.382
Slope:	0.02212

Error Coefficients

Standard Error:	638000
Relative Standard Error:	8.8
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	50.0	2.570775	50.0	355846.0	0.051415	Y
2	IC 860-49353/4	250.0	6.720881	50.0	356672.0	0.026884	Y
3	IC 860-49353/5	500.0	13.156743	50.0	349566.0	0.026313	Y
4	IC 860-49353/6	1250.0	25.209672	50.0	351978.0	0.020168	Y
5	ICIS 860-49353/7	2500.0	55.579657	50.0	337467.0	0.022232	Y
6	IC 860-49353/8	5000.0	121.286595	50.0	333757.0	0.024257	Y
7	IC 860-49353/9	7500.0	162.324055	50.0	336967.0	0.021643	Y



Calibration / 4-Bromofluorobenzene (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

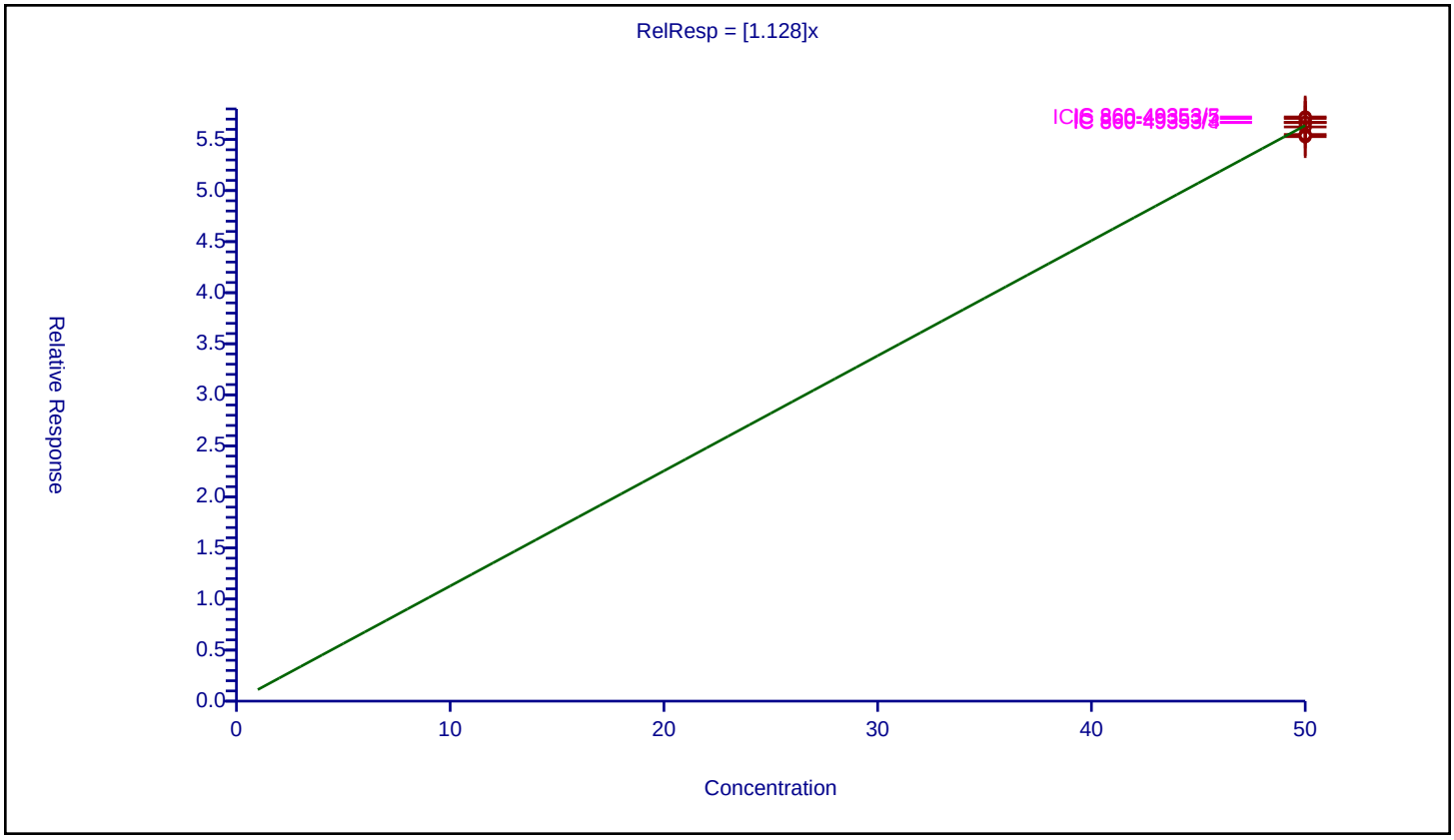
Curve Coefficients

Intercept:	0
Slope:	1.128

Error Coefficients

Standard Error:	213000
Relative Standard Error:	1.3
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	50.0	56.695805	50.0	178918.0	1.133916	Y
2	IC 860-49353/4	50.0	56.654688	50.0	178934.0	1.133094	Y
3	IC 860-49353/5	50.0	57.211073	50.0	170363.0	1.144221	Y
4	IC 860-49353/6	50.0	55.494354	50.0	181277.0	1.109887	Y
5	ICIS 860-49353/7	50.0	57.063631	50.0	170309.0	1.141273	Y
6	IC 860-49353/8	50.0	55.278775	50.0	174406.0	1.105575	Y
7	IC 860-49353/9	50.0	56.230306	50.0	170104.0	1.124606	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

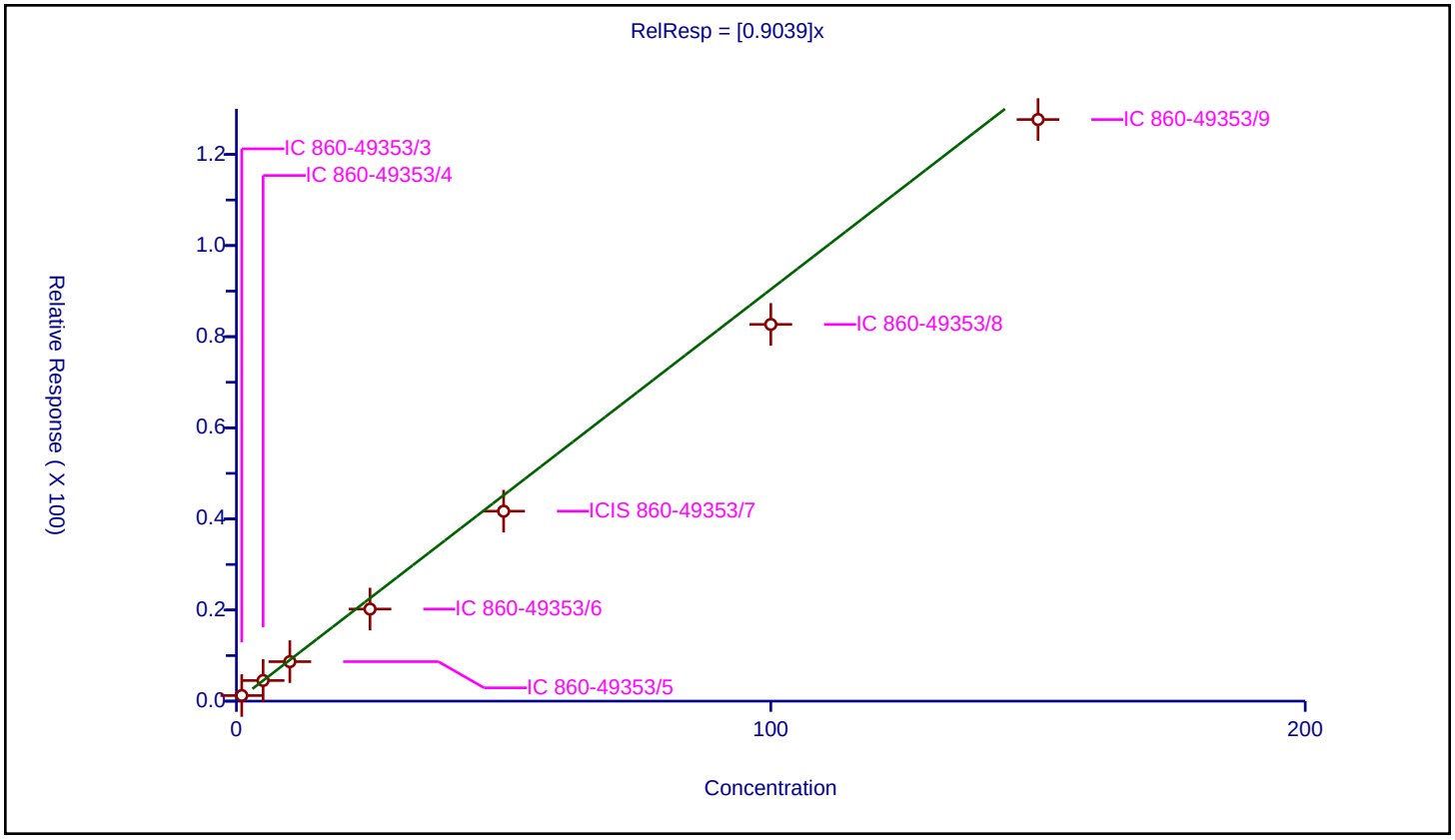
Curve Coefficients

Intercept:	0
Slope:	0.9039

Error Coefficients

Standard Error:	223000
Relative Standard Error:	16.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.962

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	1.232967	50.0	178918.0	1.232967	Y
2	IC 860-49353/4	5.0	4.535471	50.0	178934.0	0.907094	Y
3	IC 860-49353/5	10.0	8.668549	50.0	170363.0	0.866855	Y
4	IC 860-49353/6	25.0	20.211334	50.0	181277.0	0.808453	Y
5	ICIS 860-49353/7	50.0	41.69216	50.0	170309.0	0.833843	Y
6	IC 860-49353/8	100.0	82.692396	50.0	174406.0	0.826924	Y
7	IC 860-49353/9	150.0	127.663077	50.0	170104.0	0.851087	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

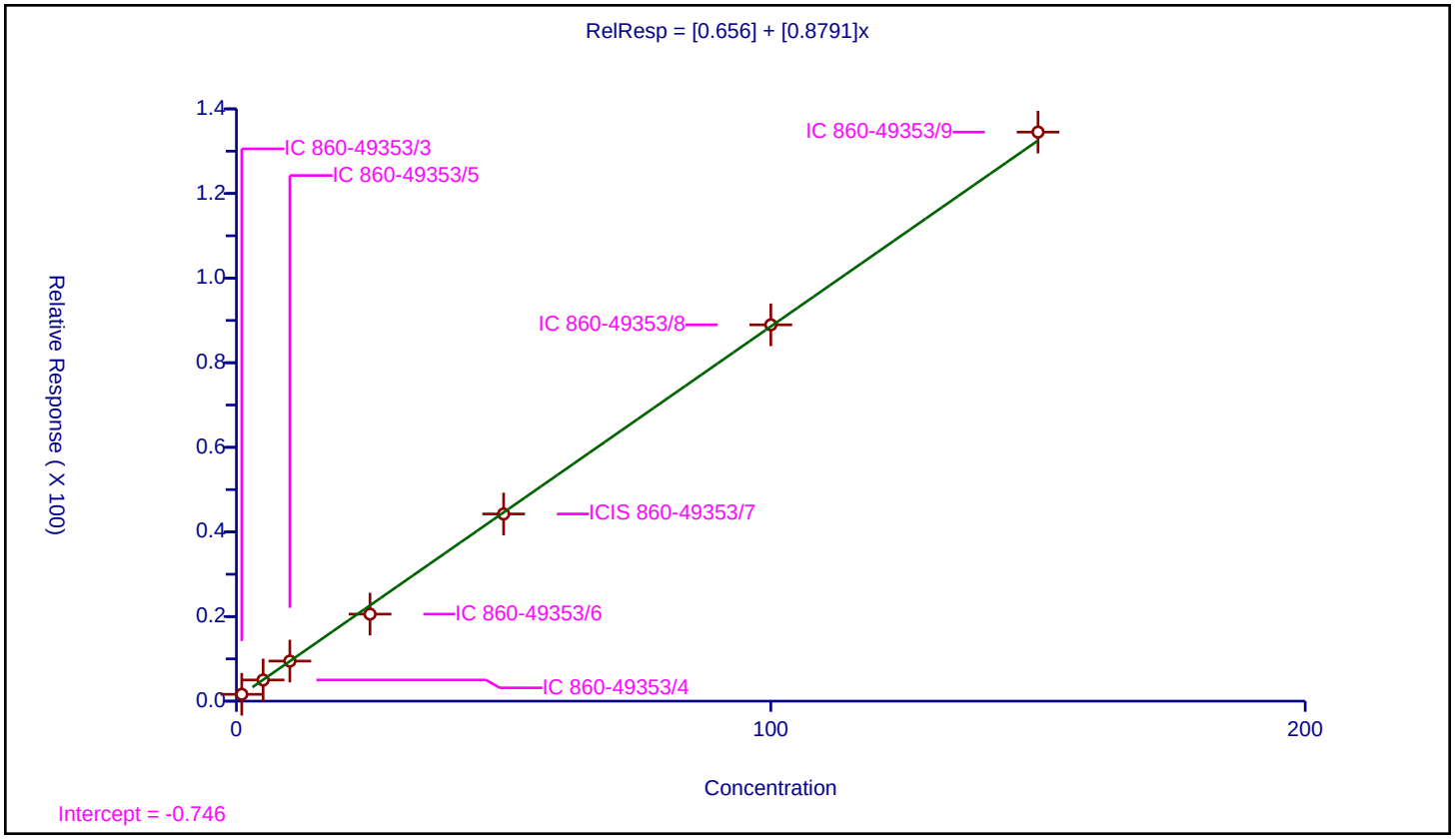
Curve Coefficients

Intercept:	0.656
Slope:	0.8791

Error Coefficients

Standard Error:	259000
Relative Standard Error:	5.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	1.615545	50.0	178918.0	1.615545	Y
2	IC 860-49353/4	5.0	4.999888	50.0	178934.0	0.999978	Y
3	IC 860-49353/5	10.0	9.472714	50.0	170363.0	0.947271	Y
4	IC 860-49353/6	25.0	20.574866	50.0	181277.0	0.822995	Y
5	ICIS 860-49353/7	50.0	44.247515	50.0	170309.0	0.88495	Y
6	IC 860-49353/8	100.0	88.960242	50.0	174406.0	0.889602	Y
7	IC 860-49353/9	150.0	134.510652	50.0	170104.0	0.896738	Y



Calibration / 1,2,3-Trichloropropane

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

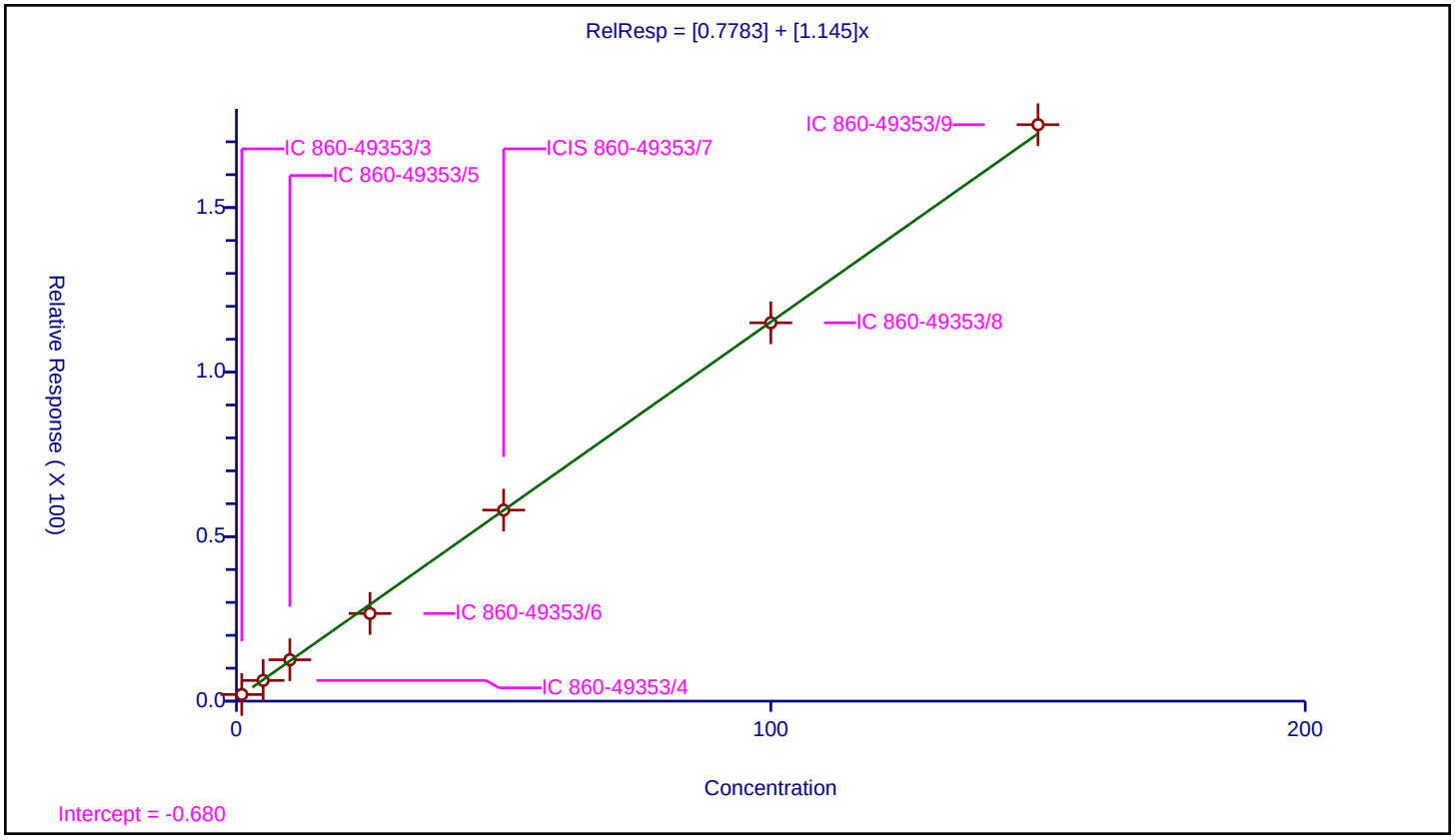
Curve Coefficients

Intercept:	0.7783
Slope:	1.145

Error Coefficients

Standard Error:	337000
Relative Standard Error:	6.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	2.021596	50.0	178918.0	2.021596	Y
2	IC 860-49353/4	5.0	6.304	50.0	178934.0	1.2608	Y
3	IC 860-49353/5	10.0	12.571685	50.0	170363.0	1.257169	Y
4	IC 860-49353/6	25.0	26.644583	50.0	181277.0	1.065783	Y
5	ICIS 860-49353/7	50.0	58.062111	50.0	170309.0	1.161242	Y
6	IC 860-49353/8	100.0	114.98687	50.0	174406.0	1.149869	Y
7	IC 860-49353/9	150.0	175.205756	50.0	170104.0	1.168038	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

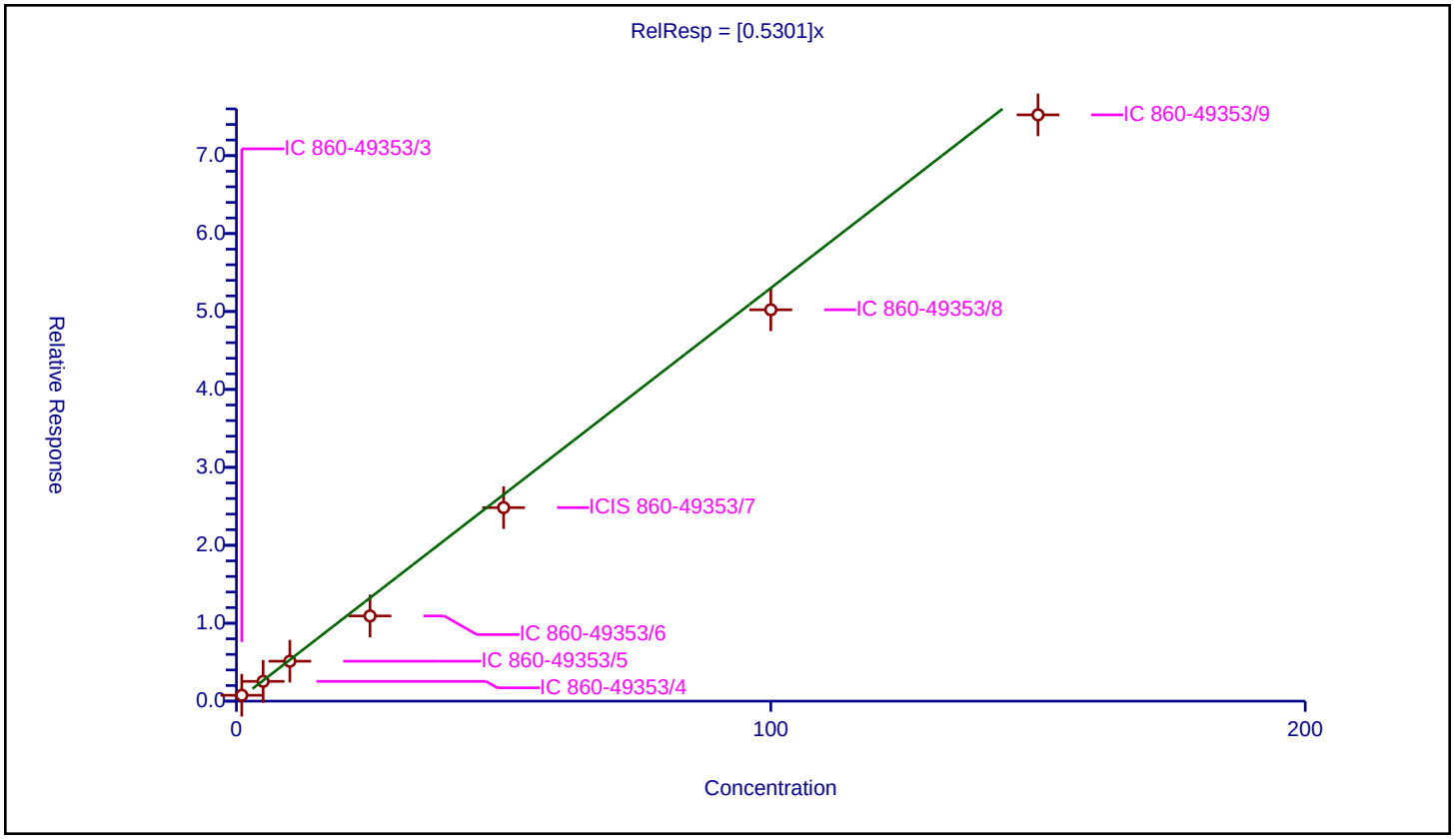
Curve Coefficients

Intercept:	0
Slope:	0.5301

Error Coefficients

Standard Error:	132000
Relative Standard Error:	19.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.948

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	0.753418	50.0	178918.0	0.753418	Y
2	IC 860-49353/4	5.0	2.537248	50.0	178934.0	0.50745	Y
3	IC 860-49353/5	10.0	5.123472	50.0	170363.0	0.512347	Y
4	IC 860-49353/6	25.0	10.931061	50.0	181277.0	0.437242	Y
5	ICIS 860-49353/7	50.0	24.832804	50.0	170309.0	0.496656	Y
6	IC 860-49353/8	100.0	50.223329	50.0	174406.0	0.502233	Y
7	IC 860-49353/9	150.0	75.235738	50.0	170104.0	0.501572	Y



Calibration / N-Propylbenzene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

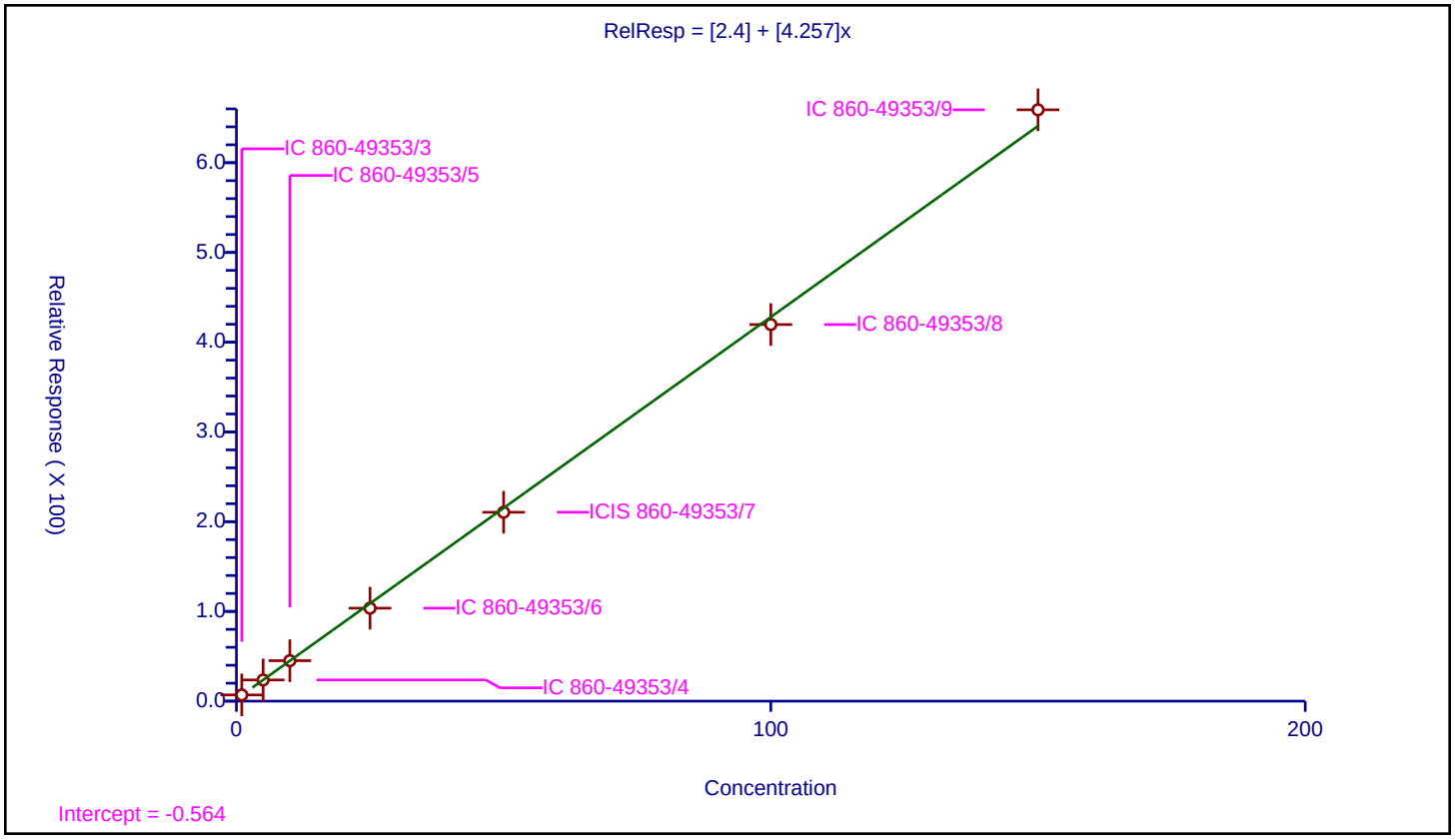
Curve Coefficients

Intercept:	2.4
Slope:	4.257

Error Coefficients

Standard Error:	1250000
Relative Standard Error:	4.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	6.929152	50.0	178918.0	6.929152	Y
2	IC 860-49353/4	5.0	23.599204	50.0	178934.0	4.719841	Y
3	IC 860-49353/5	10.0	45.0852	50.0	170363.0	4.50852	Y
4	IC 860-49353/6	25.0	103.610497	50.0	181277.0	4.14442	Y
5	ICIS 860-49353/7	50.0	210.488583	50.0	170309.0	4.209772	Y
6	IC 860-49353/8	100.0	419.659874	50.0	174406.0	4.196599	Y
7	IC 860-49353/9	150.0	658.99097	50.0	170104.0	4.393273	Y



Calibration / 2-Chlorotoluene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

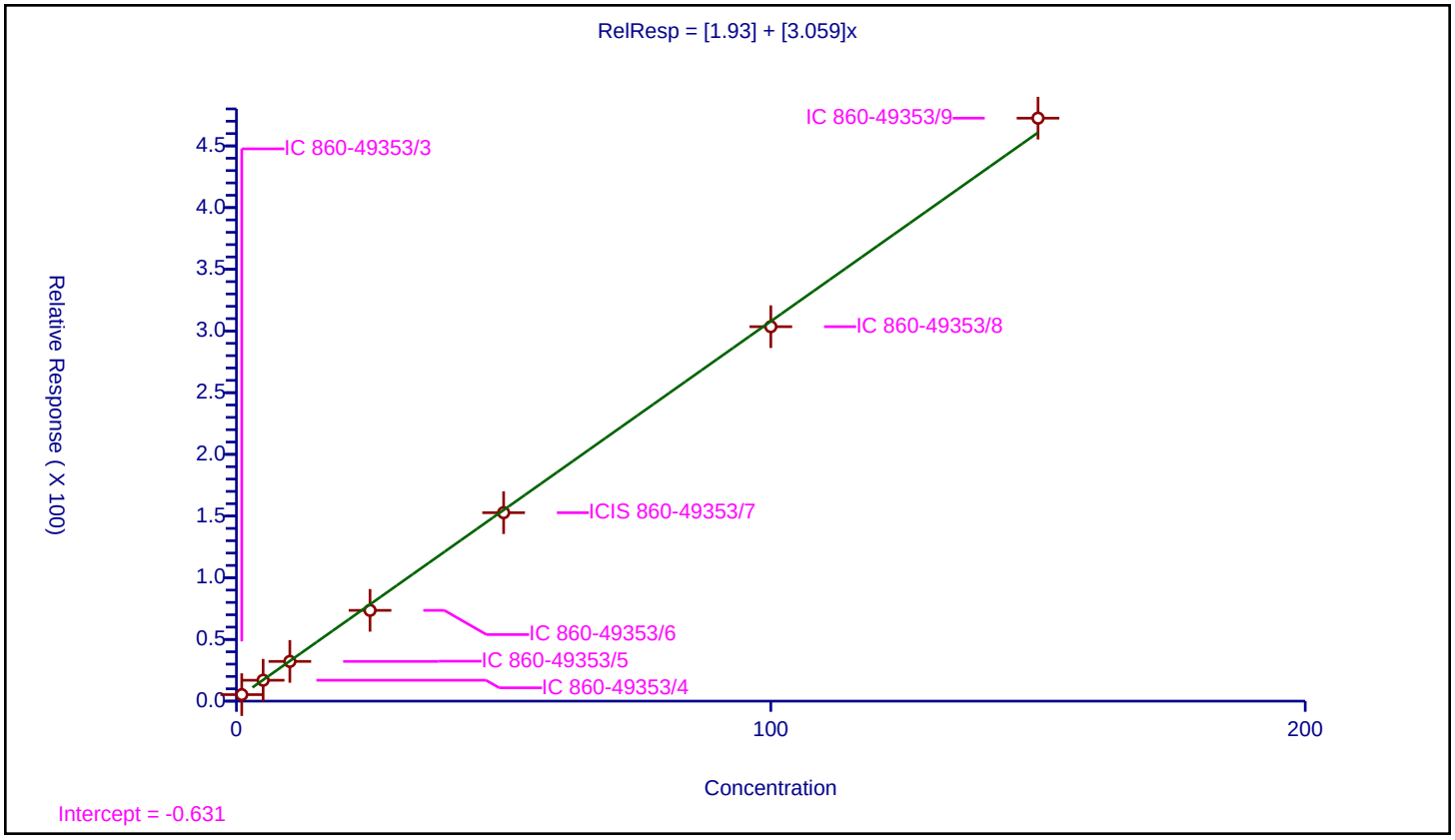
Curve Coefficients

Intercept:	1.93
Slope:	3.059

Error Coefficients

Standard Error:	901000
Relative Standard Error:	5.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	5.282029	50.0	178918.0	5.282029	Y
2	IC 860-49353/4	5.0	16.941722	50.0	178934.0	3.388344	Y
3	IC 860-49353/5	10.0	32.19273	50.0	170363.0	3.219273	Y
4	IC 860-49353/6	25.0	73.570006	50.0	181277.0	2.9428	Y
5	ICIS 860-49353/7	50.0	152.735909	50.0	170309.0	3.054718	Y
6	IC 860-49353/8	100.0	303.489846	50.0	174406.0	3.034898	Y
7	IC 860-49353/9	150.0	472.496532	50.0	170104.0	3.149977	Y



Calibration / 4-Ethyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

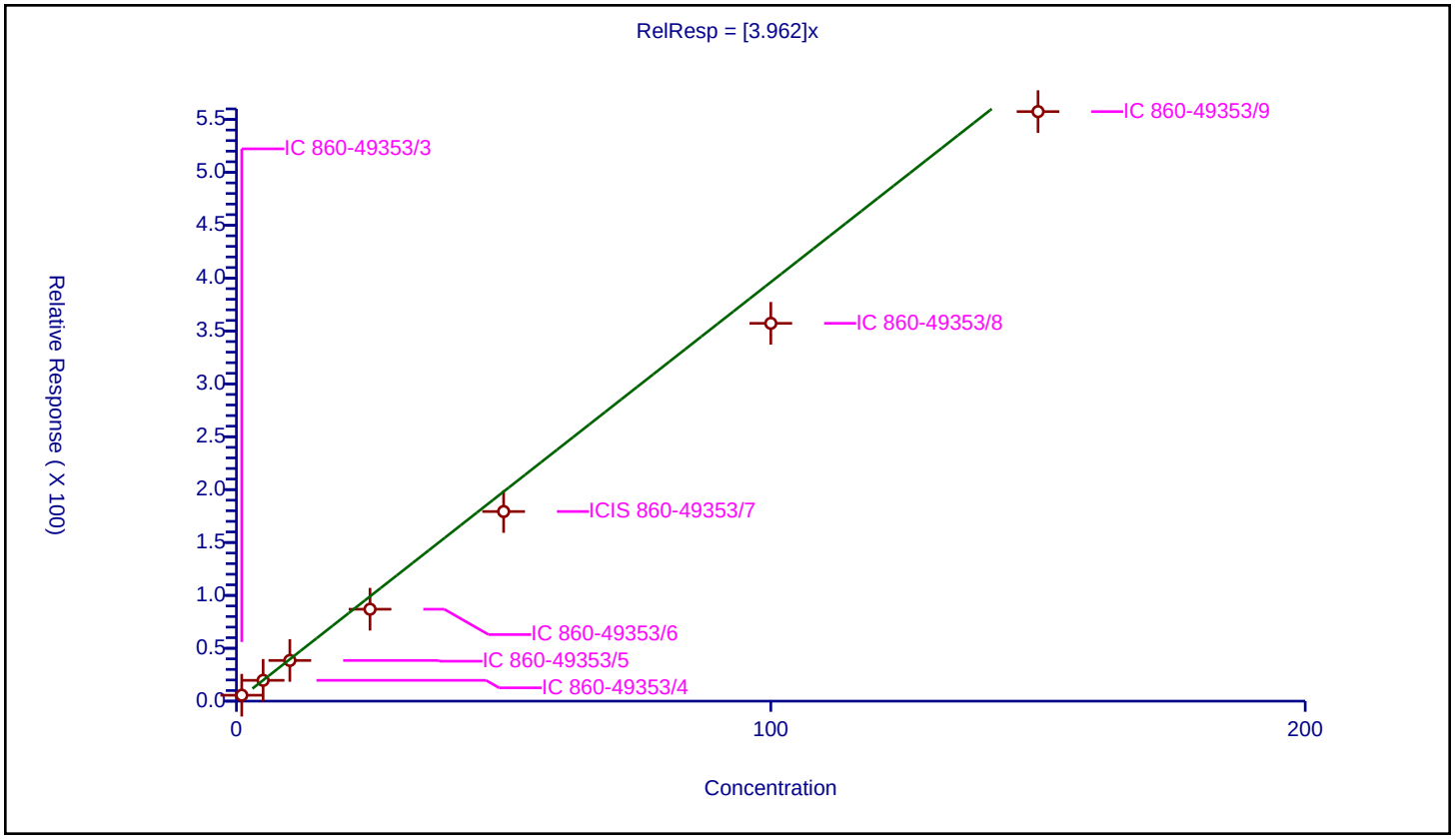
Curve Coefficients

Intercept:	0
Slope:	3.962

Error Coefficients

Standard Error:	970000
Relative Standard Error:	18.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.950

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	5.60089	50.0	178918.0	5.60089	Y
2	IC 860-49353/4	5.0	19.679323	50.0	178934.0	3.935865	Y
3	IC 860-49353/5	10.0	38.466979	50.0	170363.0	3.846698	Y
4	IC 860-49353/6	25.0	86.919742	50.0	181277.0	3.47679	Y
5	ICIS 860-49353/7	50.0	179.289703	50.0	170309.0	3.585794	Y
6	IC 860-49353/8	100.0	357.239717	50.0	174406.0	3.572397	Y
7	IC 860-49353/9	150.0	557.437215	50.0	170104.0	3.716248	Y



Calibration / 1,3,5-Trimethylbenzene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

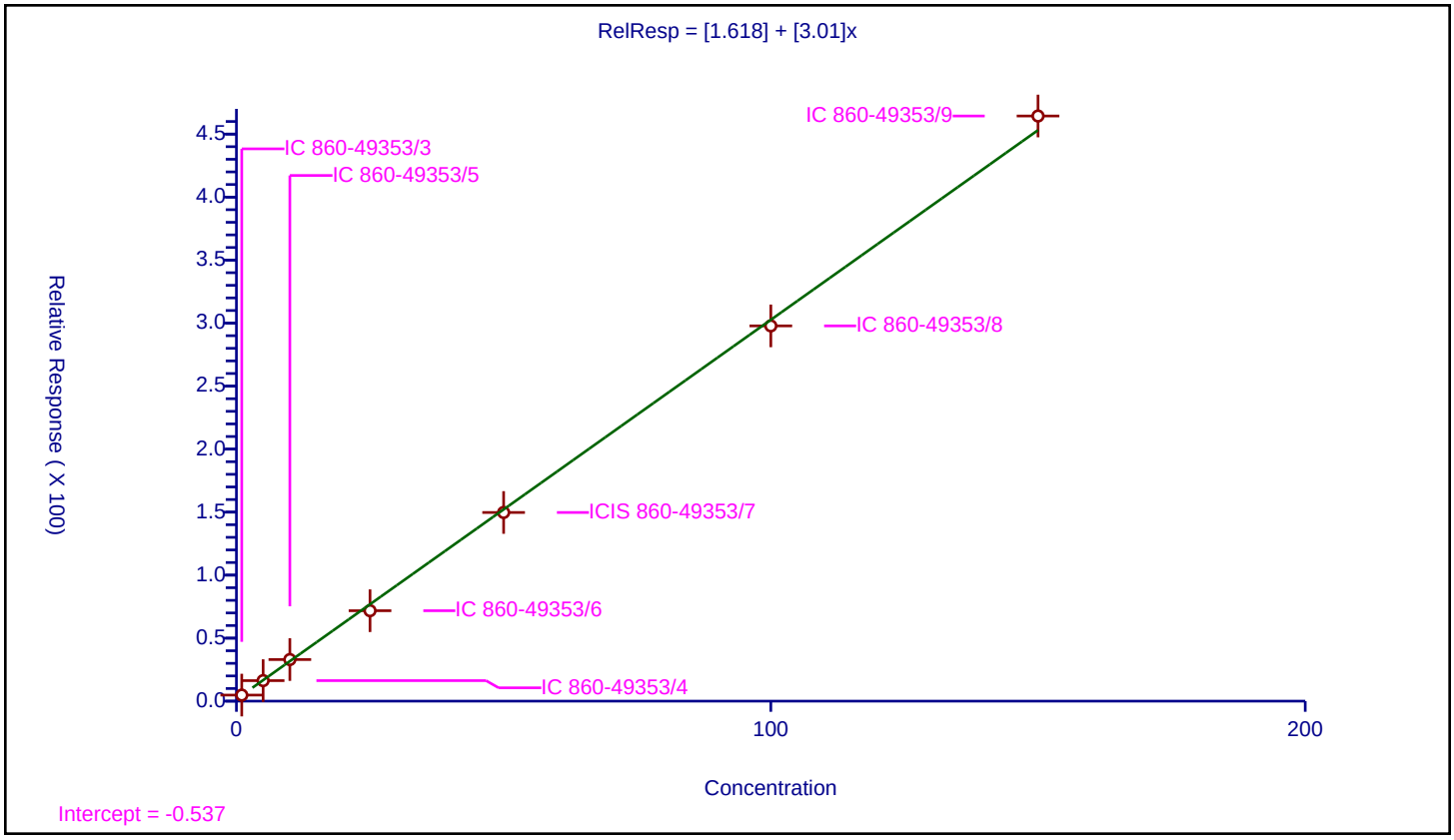
Curve Coefficients

Intercept:	1.618
Slope:	3.01

Error Coefficients

Standard Error:	885000
Relative Standard Error:	4.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	4.801082	50.0	178918.0	4.801082	Y
2	IC 860-49353/4	5.0	16.281143	50.0	178934.0	3.256229	Y
3	IC 860-49353/5	10.0	33.008928	50.0	170363.0	3.300893	Y
4	IC 860-49353/6	25.0	71.77386	50.0	181277.0	2.870954	Y
5	ICIS 860-49353/7	50.0	149.712581	50.0	170309.0	2.994252	Y
6	IC 860-49353/8	100.0	297.797094	50.0	174406.0	2.977971	Y
7	IC 860-49353/9	150.0	464.35122	50.0	170104.0	3.095675	Y



Calibration / 4-Chlorotoluene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

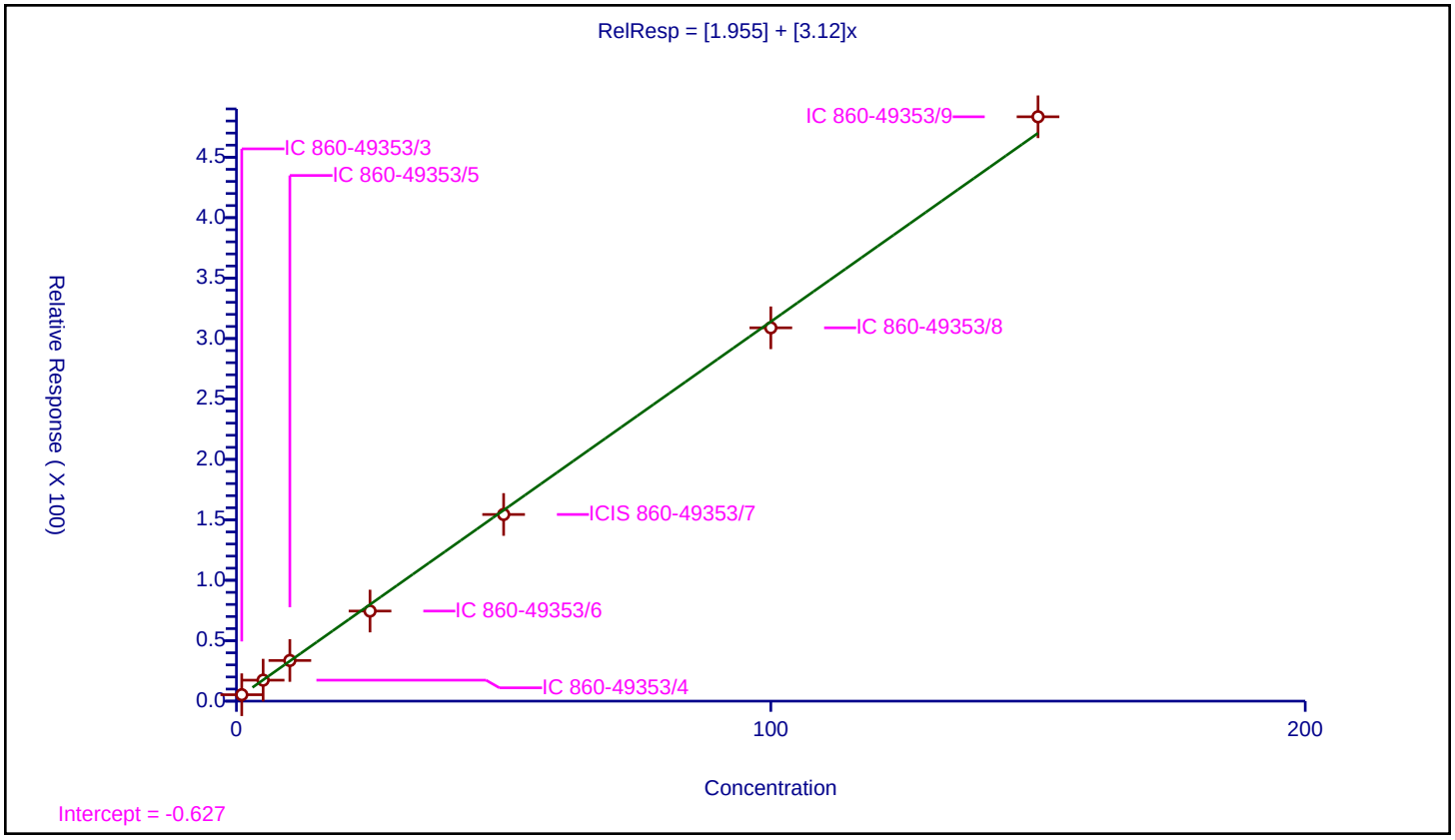
Curve Coefficients

Intercept:	1.955
Slope:	3.12

Error Coefficients

Standard Error:	920000
Relative Standard Error:	5.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	5.313887	50.0	178918.0	5.313887	Y
2	IC 860-49353/4	5.0	17.362827	50.0	178934.0	3.472565	Y
3	IC 860-49353/5	10.0	33.633183	50.0	170363.0	3.363318	Y
4	IC 860-49353/6	25.0	74.546688	50.0	181277.0	2.981868	Y
5	ICIS 860-49353/7	50.0	154.445743	50.0	170309.0	3.088915	Y
6	IC 860-49353/8	100.0	308.887882	50.0	174406.0	3.088879	Y
7	IC 860-49353/9	150.0	483.475403	50.0	170104.0	3.223169	Y



Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

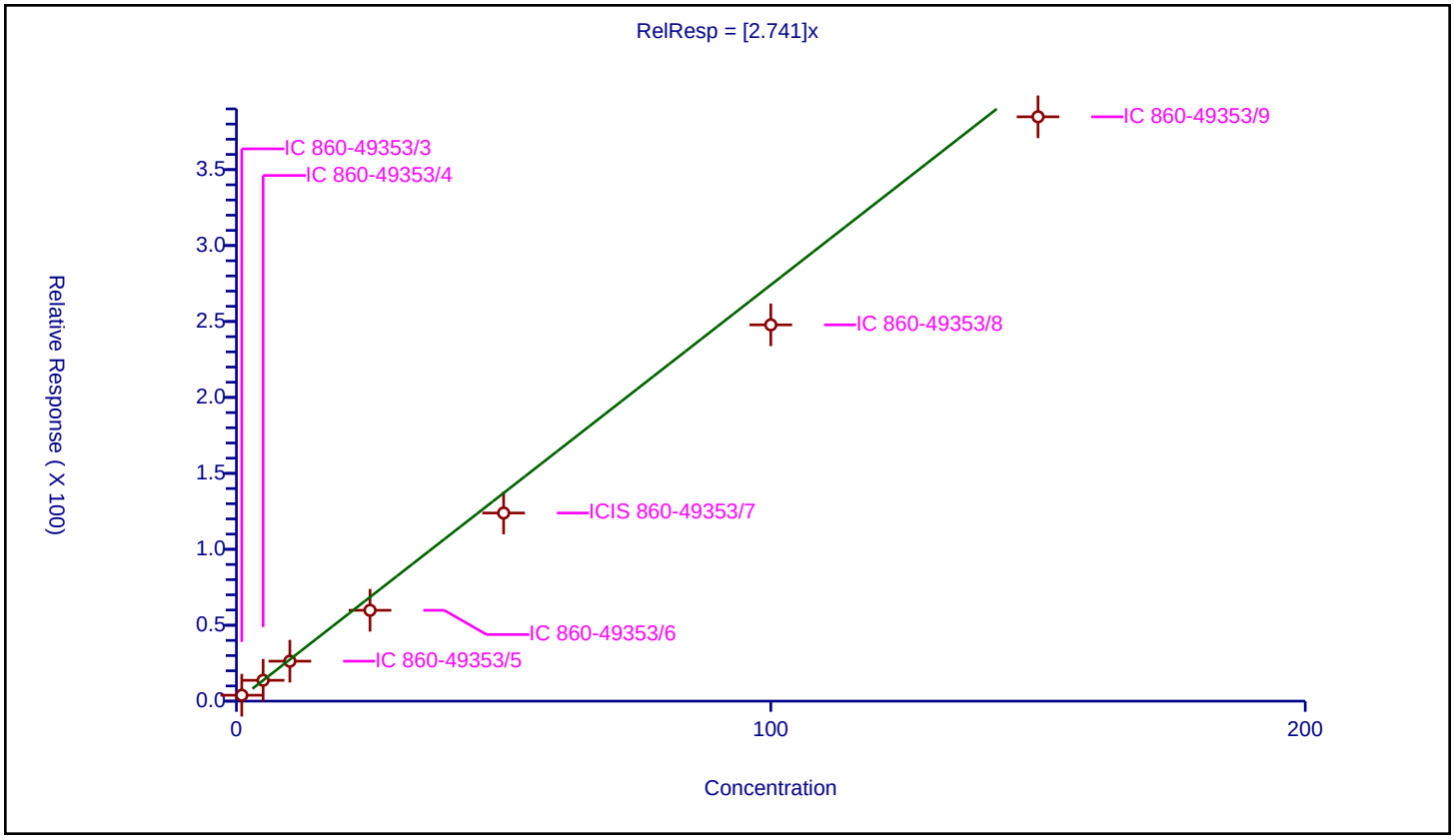
Curve Coefficients

Intercept:	0
Slope:	2.741

Error Coefficients

Standard Error:	670000
Relative Standard Error:	19.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.948

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	3.89536	50.0	178918.0	3.89536	Y
2	IC 860-49353/4	5.0	13.729923	50.0	178934.0	2.745985	Y
3	IC 860-49353/5	10.0	26.317628	50.0	170363.0	2.631763	Y
4	IC 860-49353/6	25.0	59.829708	50.0	181277.0	2.393188	Y
5	ICIS 860-49353/7	50.0	123.877482	50.0	170309.0	2.47755	Y
6	IC 860-49353/8	100.0	247.803115	50.0	174406.0	2.478031	Y
7	IC 860-49353/9	150.0	384.792539	50.0	170104.0	2.565284	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

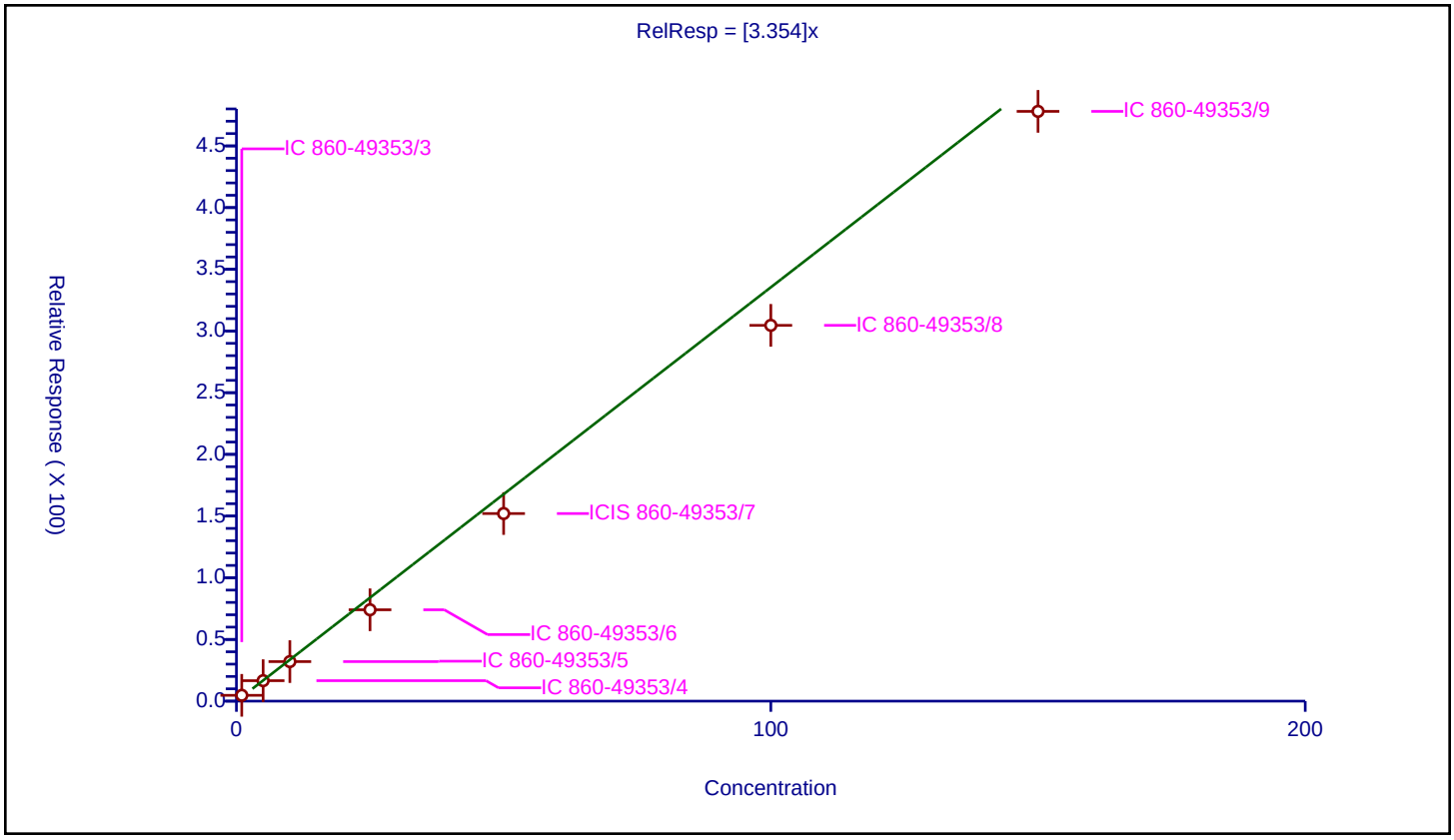
Curve Coefficients

Intercept:	0
Slope:	3.354

Error Coefficients

Standard Error:	829000
Relative Standard Error:	18.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.952

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	4.720598	50.0	178918.0	4.720598	Y
2	IC 860-49353/4	5.0	16.582651	50.0	178934.0	3.31653	Y
3	IC 860-49353/5	10.0	32.054202	50.0	170363.0	3.20542	Y
4	IC 860-49353/6	25.0	74.056554	50.0	181277.0	2.962262	Y
5	ICIS 860-49353/7	50.0	152.047455	50.0	170309.0	3.040949	Y
6	IC 860-49353/8	100.0	304.558903	50.0	174406.0	3.045589	Y
7	IC 860-49353/9	150.0	478.002281	50.0	170104.0	3.186682	Y



Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

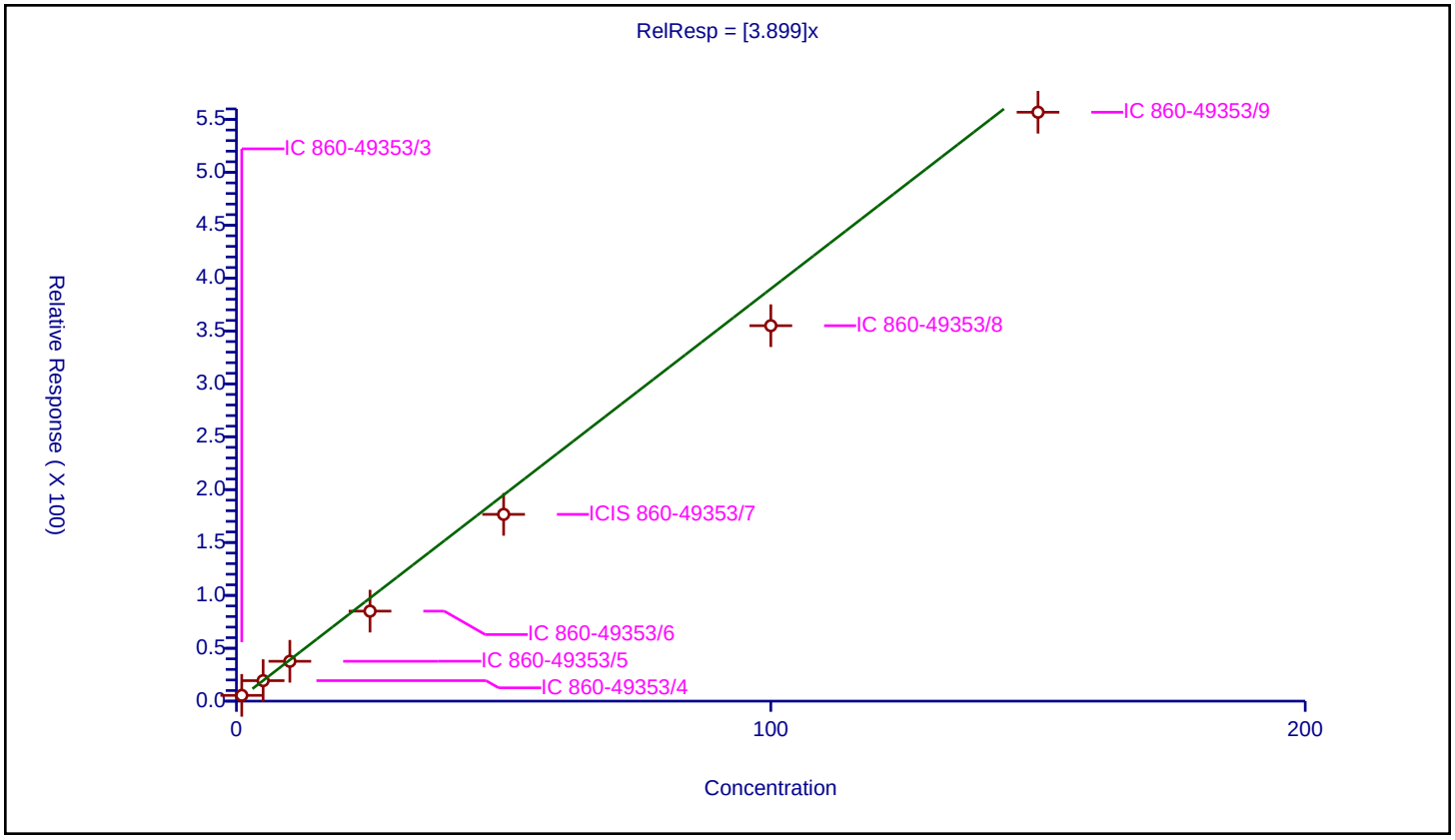
Curve Coefficients

Intercept:	0
Slope:	3.899

Error Coefficients

Standard Error:	966000
Relative Standard Error:	18.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.954

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	5.447747	50.0	178918.0	5.447747	Y
2	IC 860-49353/4	5.0	19.388713	50.0	178934.0	3.877743	Y
3	IC 860-49353/5	10.0	37.680424	50.0	170363.0	3.768042	Y
4	IC 860-49353/6	25.0	85.119734	50.0	181277.0	3.404789	Y
5	ICIS 860-49353/7	50.0	176.610162	50.0	170309.0	3.532203	Y
6	IC 860-49353/8	100.0	354.996674	50.0	174406.0	3.549967	Y
7	IC 860-49353/9	150.0	556.85463	50.0	170104.0	3.712364	Y



Calibration / 1,3-Dichlorobenzene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

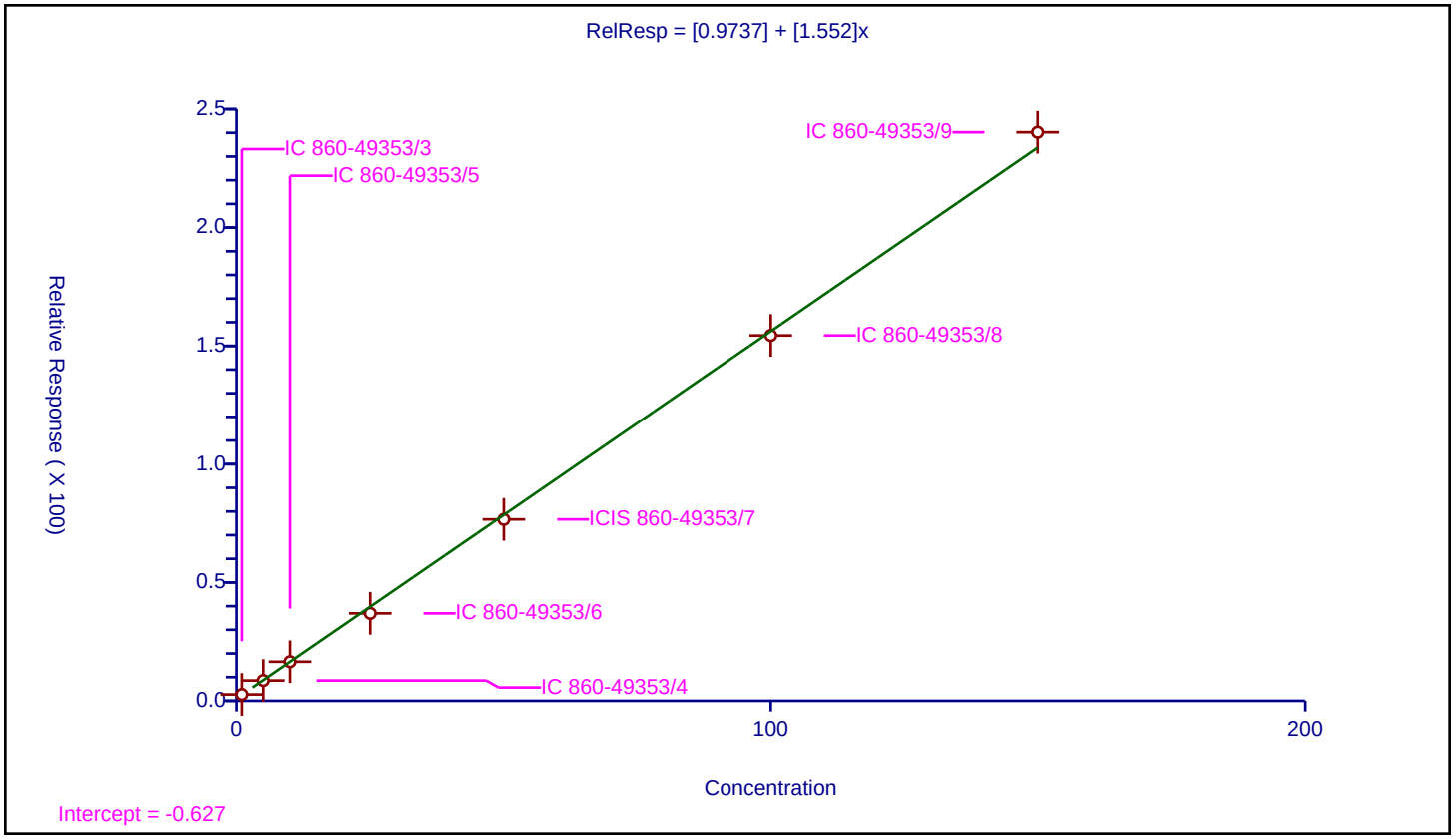
Curve Coefficients

Intercept:	0.9737
Slope:	1.552

Error Coefficients

Standard Error:	458000
Relative Standard Error:	5.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	2.680837	50.0	178918.0	2.680837	Y
2	IC 860-49353/4	5.0	8.574949	50.0	178934.0	1.71499	Y
3	IC 860-49353/5	10.0	16.514736	50.0	170363.0	1.651474	Y
4	IC 860-49353/6	25.0	36.945945	50.0	181277.0	1.477838	Y
5	ICIS 860-49353/7	50.0	76.657722	50.0	170309.0	1.533154	Y
6	IC 860-49353/8	100.0	154.417566	50.0	174406.0	1.544176	Y
7	IC 860-49353/9	150.0	240.237737	50.0	170104.0	1.601585	Y



Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

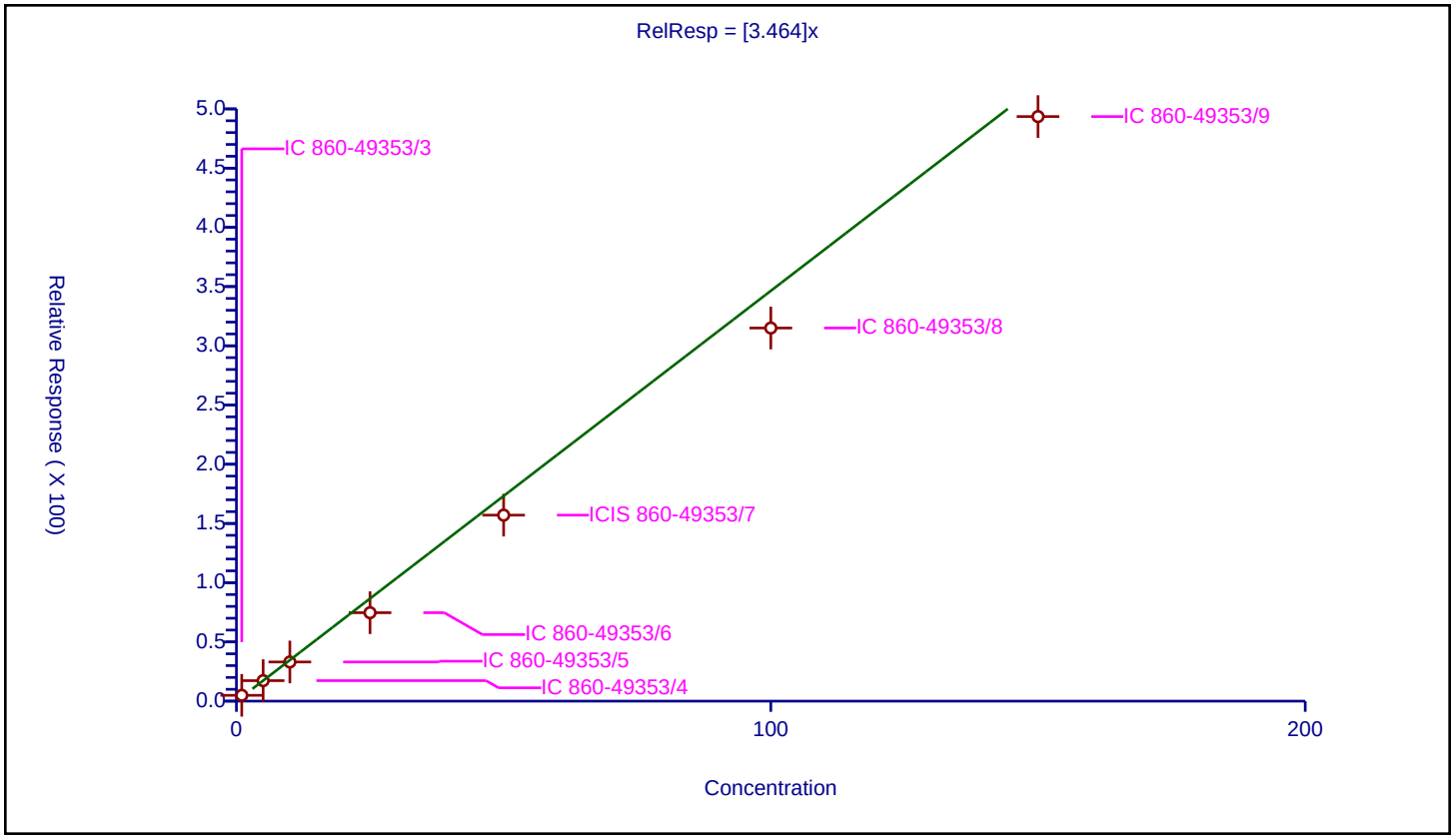
Curve Coefficients

Intercept:	0
Slope:	3.464

Error Coefficients

Standard Error:	856000
Relative Standard Error:	19.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.949

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	4.915101	50.0	178918.0	4.915101	Y
2	IC 860-49353/4	5.0	17.291292	50.0	178934.0	3.458258	Y
3	IC 860-49353/5	10.0	33.06792	50.0	170363.0	3.306792	Y
4	IC 860-49353/6	25.0	74.666119	50.0	181277.0	2.986645	Y
5	ICIS 860-49353/7	50.0	157.032218	50.0	170309.0	3.140644	Y
6	IC 860-49353/8	100.0	315.007225	50.0	174406.0	3.150072	Y
7	IC 860-49353/9	150.0	493.53425	50.0	170104.0	3.290228	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

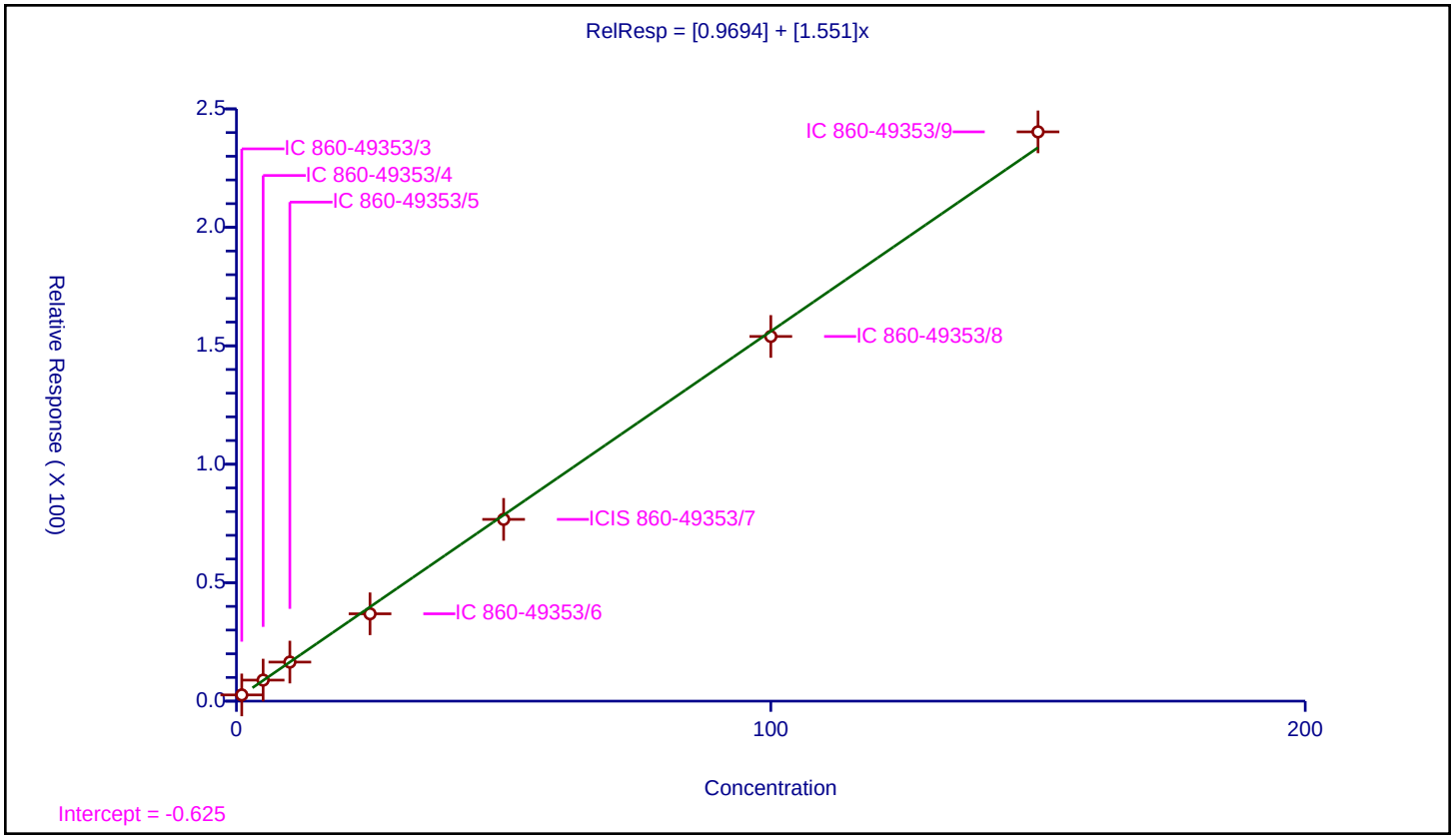
Curve Coefficients

Intercept:	0.9694
Slope:	1.551

Error Coefficients

Standard Error:	457000
Relative Standard Error:	4.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	2.620474	50.0	178918.0	2.620474	Y
2	IC 860-49353/4	5.0	8.870869	50.0	178934.0	1.774174	Y
3	IC 860-49353/5	10.0	16.49067	50.0	170363.0	1.649067	Y
4	IC 860-49353/6	25.0	36.87561	50.0	181277.0	1.475024	Y
5	ICIS 860-49353/7	50.0	76.728769	50.0	170309.0	1.534575	Y
6	IC 860-49353/8	100.0	153.937365	50.0	174406.0	1.539374	Y
7	IC 860-49353/9	150.0	240.306224	50.0	170104.0	1.602041	Y



Calibration / Dicyclopentadiene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

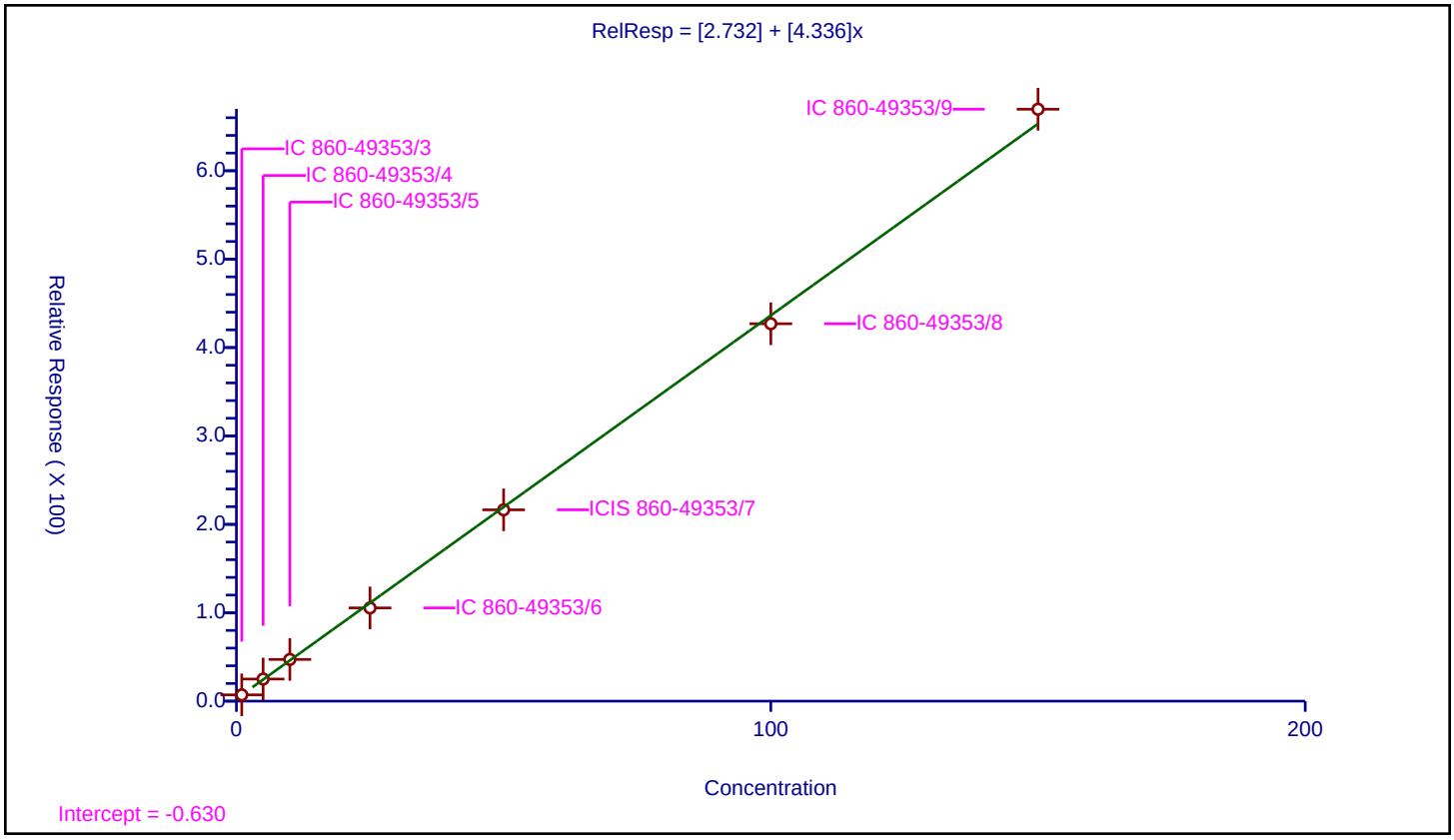
Curve Coefficients

Intercept:	2.732
Slope:	4.336

Error Coefficients

Standard Error:	1270000
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 860-49353/3	1.0	7.113873	50.0	178918.0	7.113873	Y
2	IC 860-49353/4	5.0	25.012295	50.0	178934.0	5.002459	Y
3	IC 860-49353/5	10.0	47.168693	50.0	170363.0	4.716869	Y
4	IC 860-49353/6	25.0	105.461531	50.0	181277.0	4.218461	Y
5	ICIS 860-49353/7	50.0	216.421035	50.0	170309.0	4.328421	Y
6	IC 860-49353/8	100.0	426.931986	50.0	174406.0	4.26932	Y
7	IC 860-49353/9	150.0	669.619762	50.0	170104.0	4.464132	Y



Calibration / Benzyl chloride

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

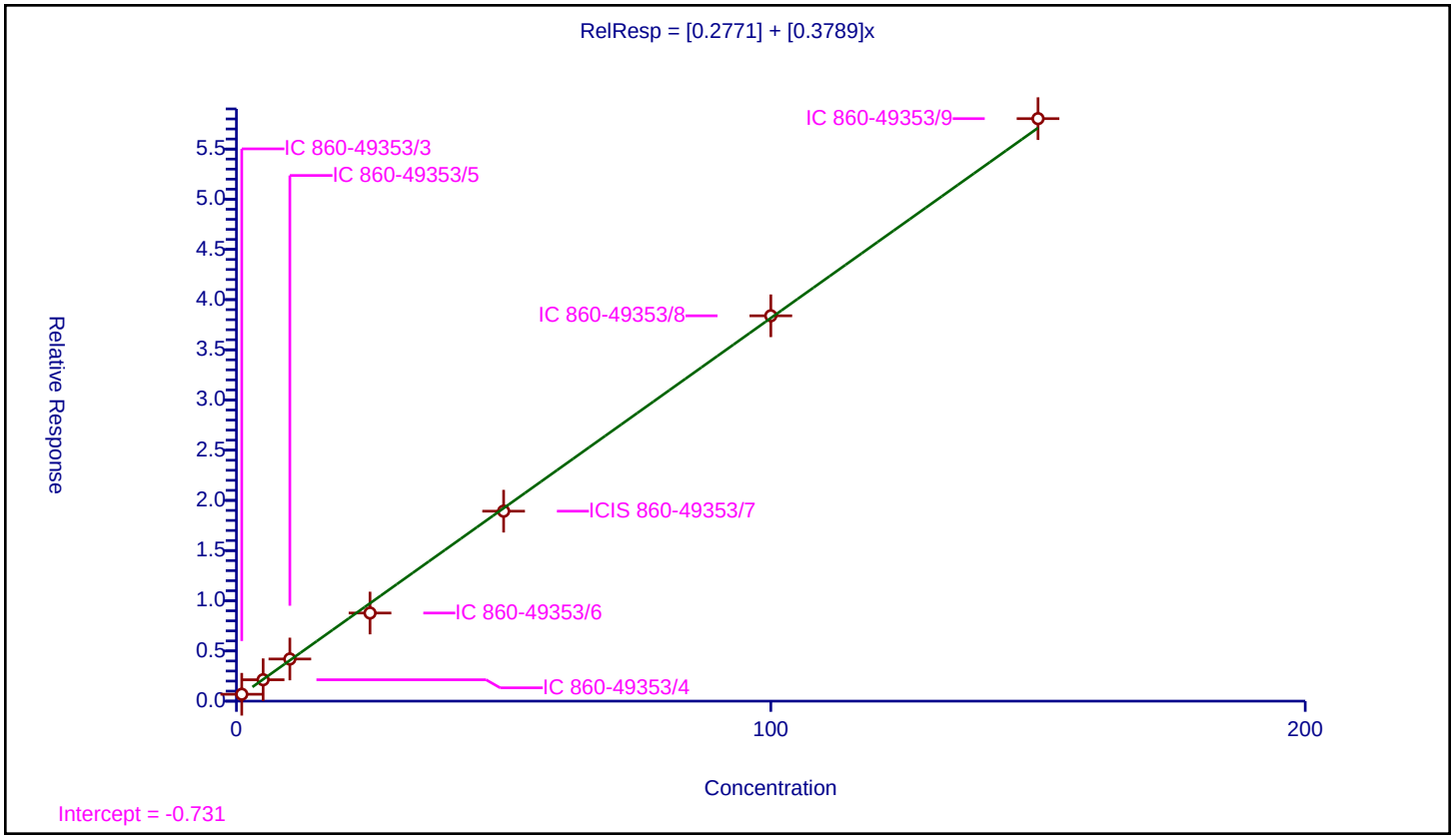
Curve Coefficients

Intercept:	0.2771
Slope:	0.3789

Error Coefficients

Standard Error:	112000
Relative Standard Error:	6.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	0.686907	50.0	178918.0	0.686907	Y
2	IC 860-49353/4	5.0	2.13263	50.0	178934.0	0.426526	Y
3	IC 860-49353/5	10.0	4.197801	50.0	170363.0	0.41978	Y
4	IC 860-49353/6	25.0	8.779106	50.0	181277.0	0.351164	Y
5	ICIS 860-49353/7	50.0	18.924132	50.0	170309.0	0.378483	Y
6	IC 860-49353/8	100.0	38.389734	50.0	174406.0	0.383897	Y
7	IC 860-49353/9	150.0	58.028324	50.0	170104.0	0.386855	Y



Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

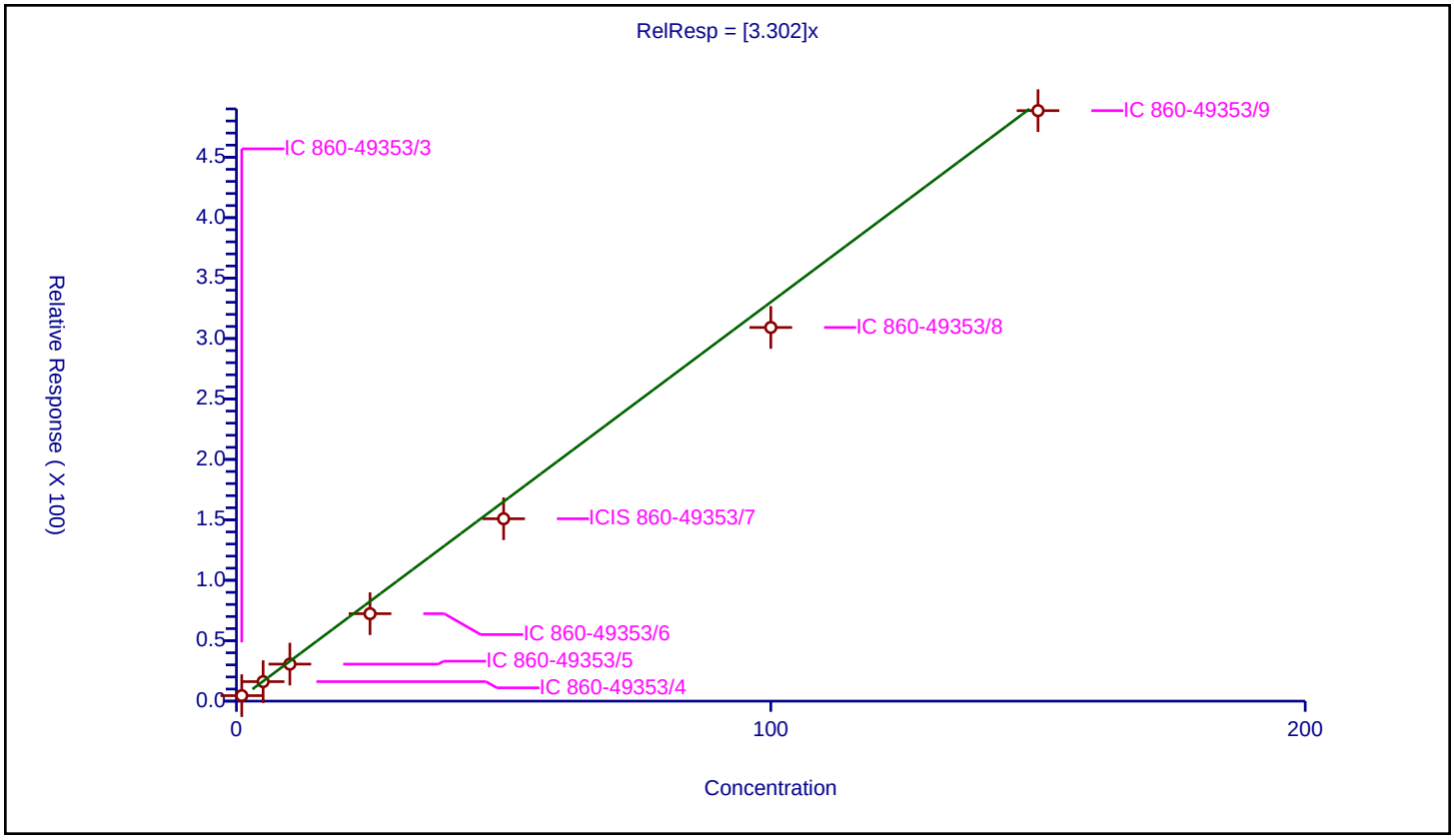
Curve Coefficients

Intercept:	0
Slope:	3.302

Error Coefficients

Standard Error:	844000
Relative Standard Error:	17.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.959

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	4.556836	50.0	178918.0	4.556836	Y
2	IC 860-49353/4	5.0	16.146177	50.0	178934.0	3.229235	Y
3	IC 860-49353/5	10.0	30.64251	50.0	170363.0	3.064251	Y
4	IC 860-49353/6	25.0	72.345361	50.0	181277.0	2.893814	Y
5	ICIS 860-49353/7	50.0	150.898954	50.0	170309.0	3.017979	Y
6	IC 860-49353/8	100.0	309.151635	50.0	174406.0	3.091516	Y
7	IC 860-49353/9	150.0	488.54201	50.0	170104.0	3.256947	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

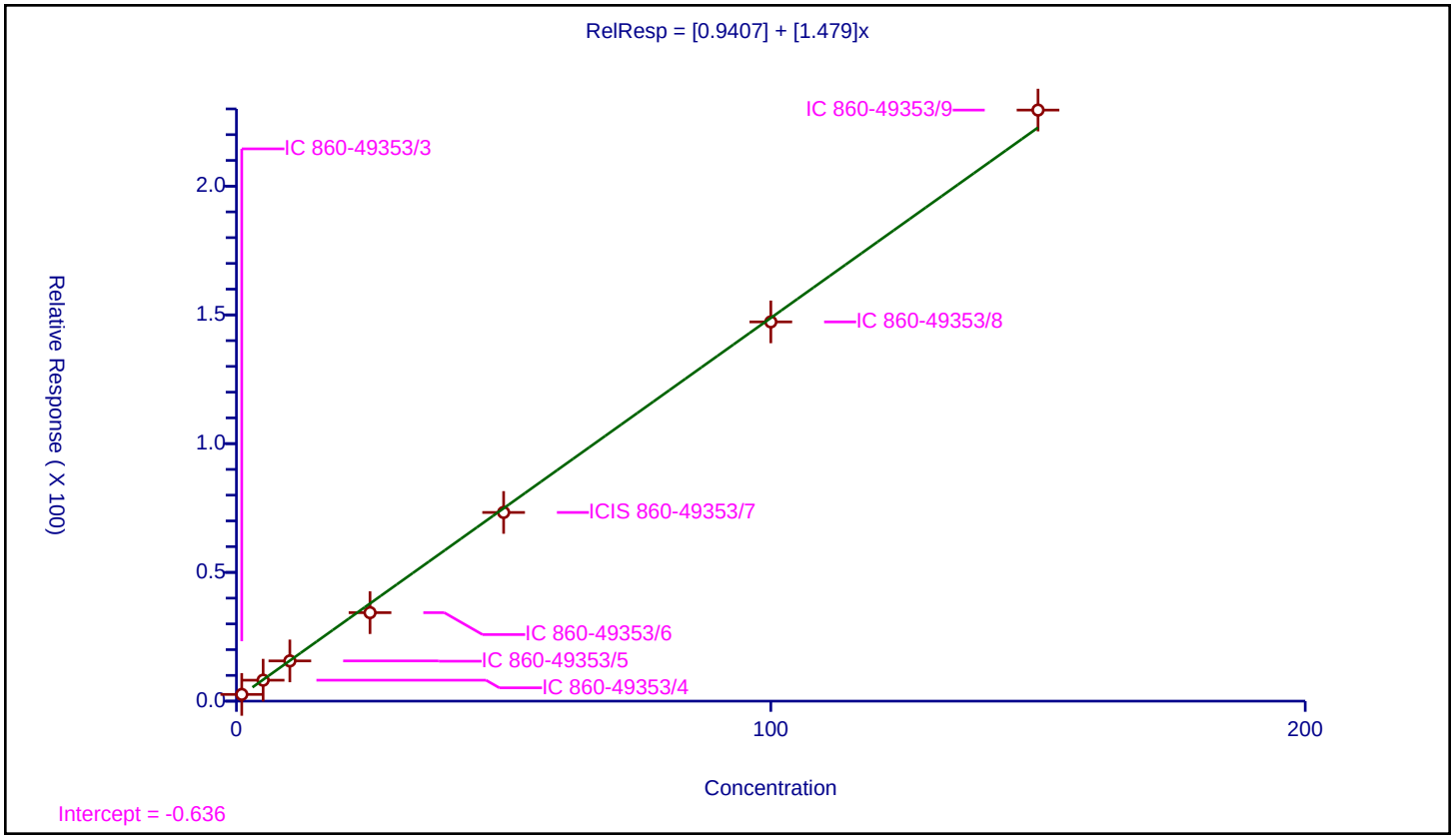
Curve Coefficients

Intercept:	0.9407
Slope:	1.479

Error Coefficients

Standard Error:	437000
Relative Standard Error:	7.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	2.613208	50.0	178918.0	2.613208	Y
2	IC 860-49353/4	5.0	8.139314	50.0	178934.0	1.627863	Y
3	IC 860-49353/5	10.0	15.621056	50.0	170363.0	1.562106	Y
4	IC 860-49353/6	25.0	34.363984	50.0	181277.0	1.374559	Y
5	ICIS 860-49353/7	50.0	73.27857	50.0	170309.0	1.465571	Y
6	IC 860-49353/8	100.0	147.286217	50.0	174406.0	1.472862	Y
7	IC 860-49353/9	150.0	229.54957	50.0	170104.0	1.53033	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

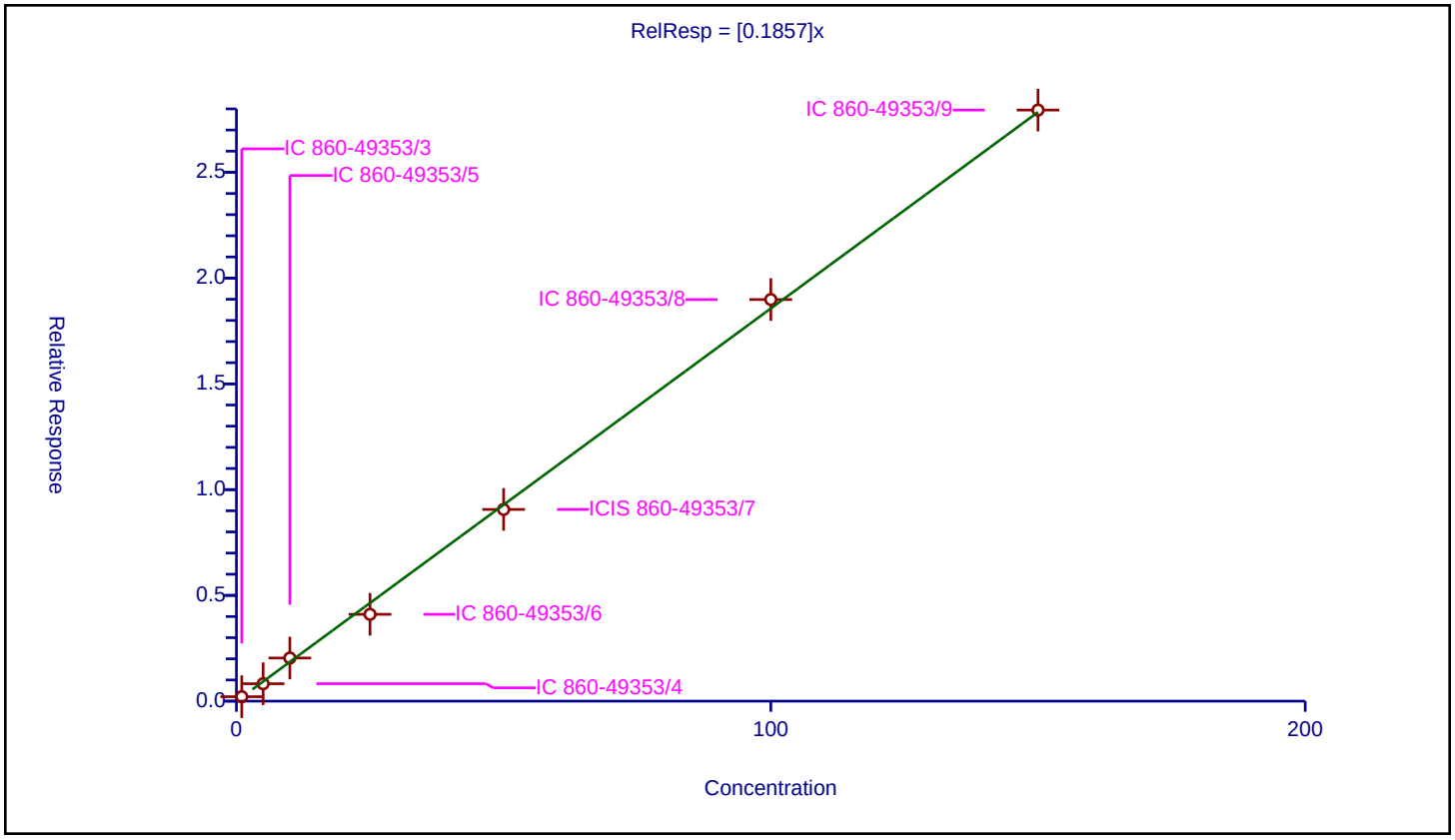
Curve Coefficients

Intercept:	0
Slope:	0.1857

Error Coefficients

Standard Error:	49400
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 860-49353/3	1.0	0.209593	50.0	178918.0	0.209593	Y
2	IC 860-49353/4	5.0	0.82237	50.0	178934.0	0.164474	Y
3	IC 860-49353/5	10.0	2.038882	50.0	170363.0	0.203888	Y
4	IC 860-49353/6	25.0	4.104216	50.0	181277.0	0.164169	Y
5	ICIS 860-49353/7	50.0	9.063232	50.0	170309.0	0.181265	Y
6	IC 860-49353/8	100.0	18.987019	50.0	174406.0	0.18987	Y
7	IC 860-49353/9	150.0	27.944963	50.0	170104.0	0.1863	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

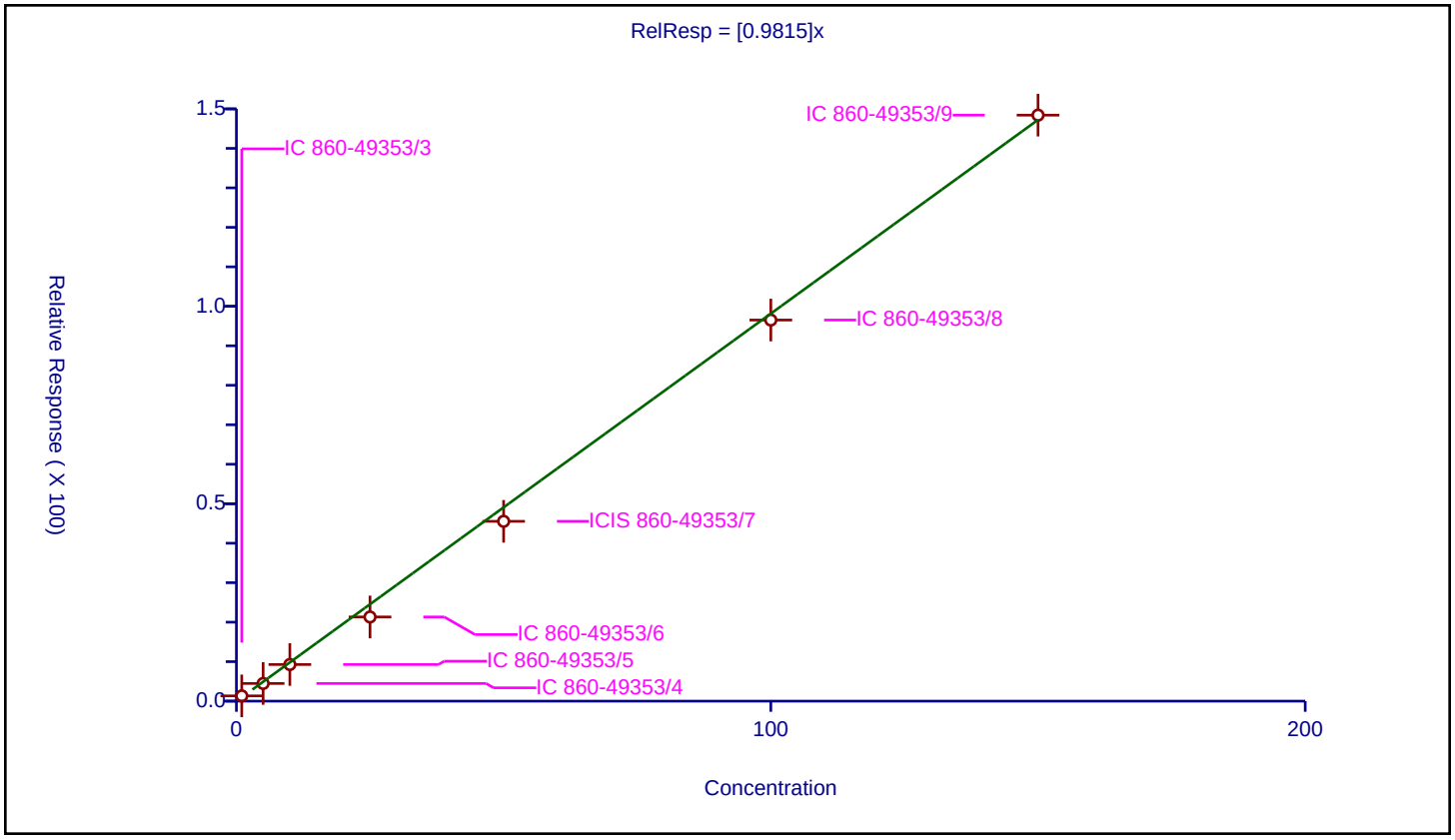
Curve Coefficients

Intercept:	0
Slope:	0.9815

Error Coefficients

Standard Error:	258000
Relative Standard Error:	16.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.964

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	1.329659	50.0	178918.0	1.329659	Y
2	IC 860-49353/4	5.0	4.473717	50.0	178934.0	0.894743	Y
3	IC 860-49353/5	10.0	9.277836	50.0	170363.0	0.927784	Y
4	IC 860-49353/6	25.0	21.319031	50.0	181277.0	0.852761	Y
5	ICIS 860-49353/7	50.0	45.545156	50.0	170309.0	0.910903	Y
6	IC 860-49353/8	100.0	96.519615	50.0	174406.0	0.965196	Y
7	IC 860-49353/9	150.0	148.413324	50.0	170104.0	0.989422	Y



Calibration / Hexachlorobutadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

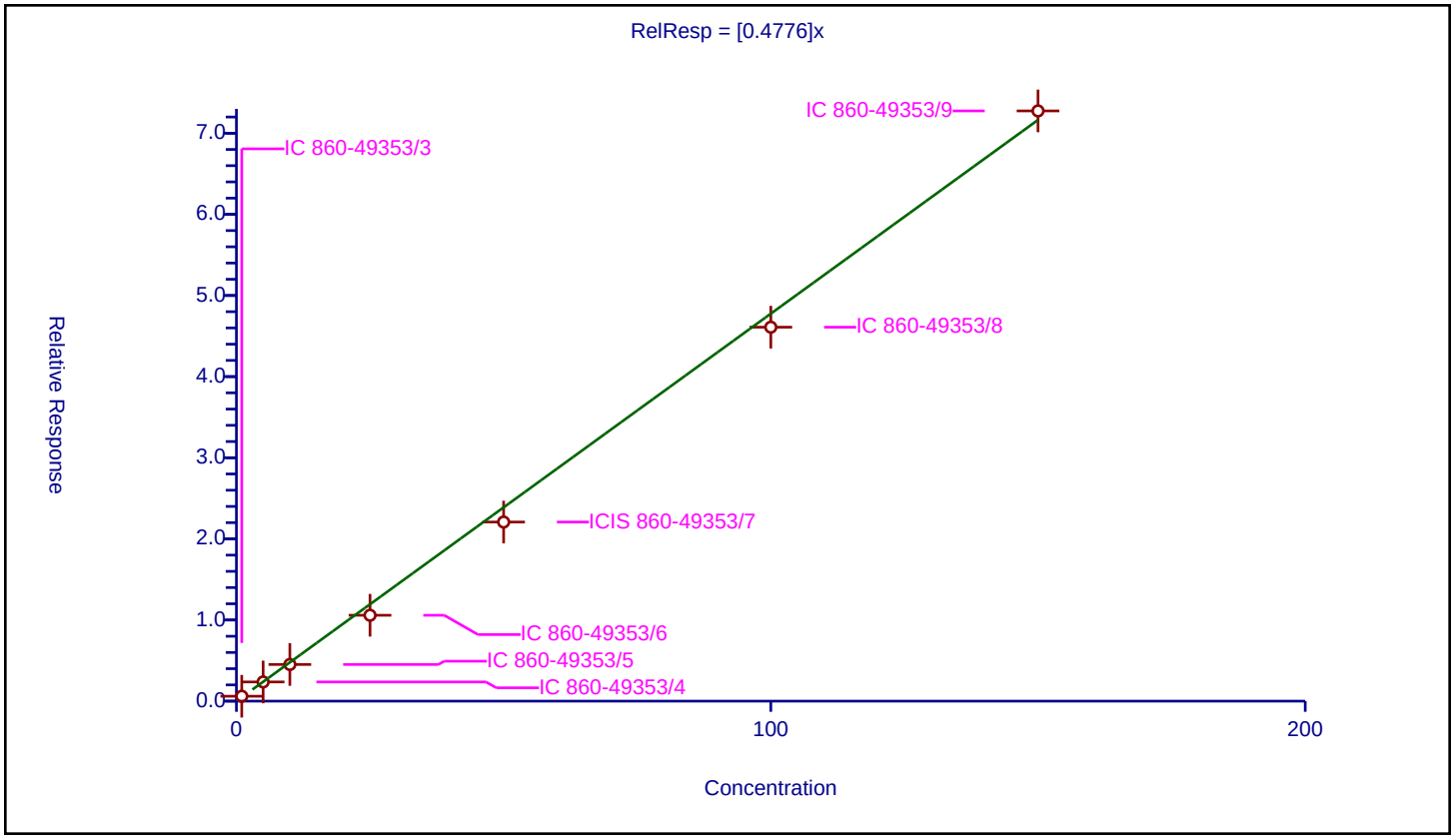
Curve Coefficients

Intercept:	0
Slope:	0.4776

Error Coefficients

Standard Error:	125000
Relative Standard Error:	12.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	0.606982	50.0	178918.0	0.606982	Y
2	IC 860-49353/4	5.0	2.366794	50.0	178934.0	0.473359	Y
3	IC 860-49353/5	10.0	4.520054	50.0	170363.0	0.452005	Y
4	IC 860-49353/6	25.0	10.58463	50.0	181277.0	0.423385	Y
5	ICIS 860-49353/7	50.0	22.077224	50.0	170309.0	0.441544	Y
6	IC 860-49353/8	100.0	46.091878	50.0	174406.0	0.460919	Y
7	IC 860-49353/9	150.0	72.749318	50.0	170104.0	0.484995	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

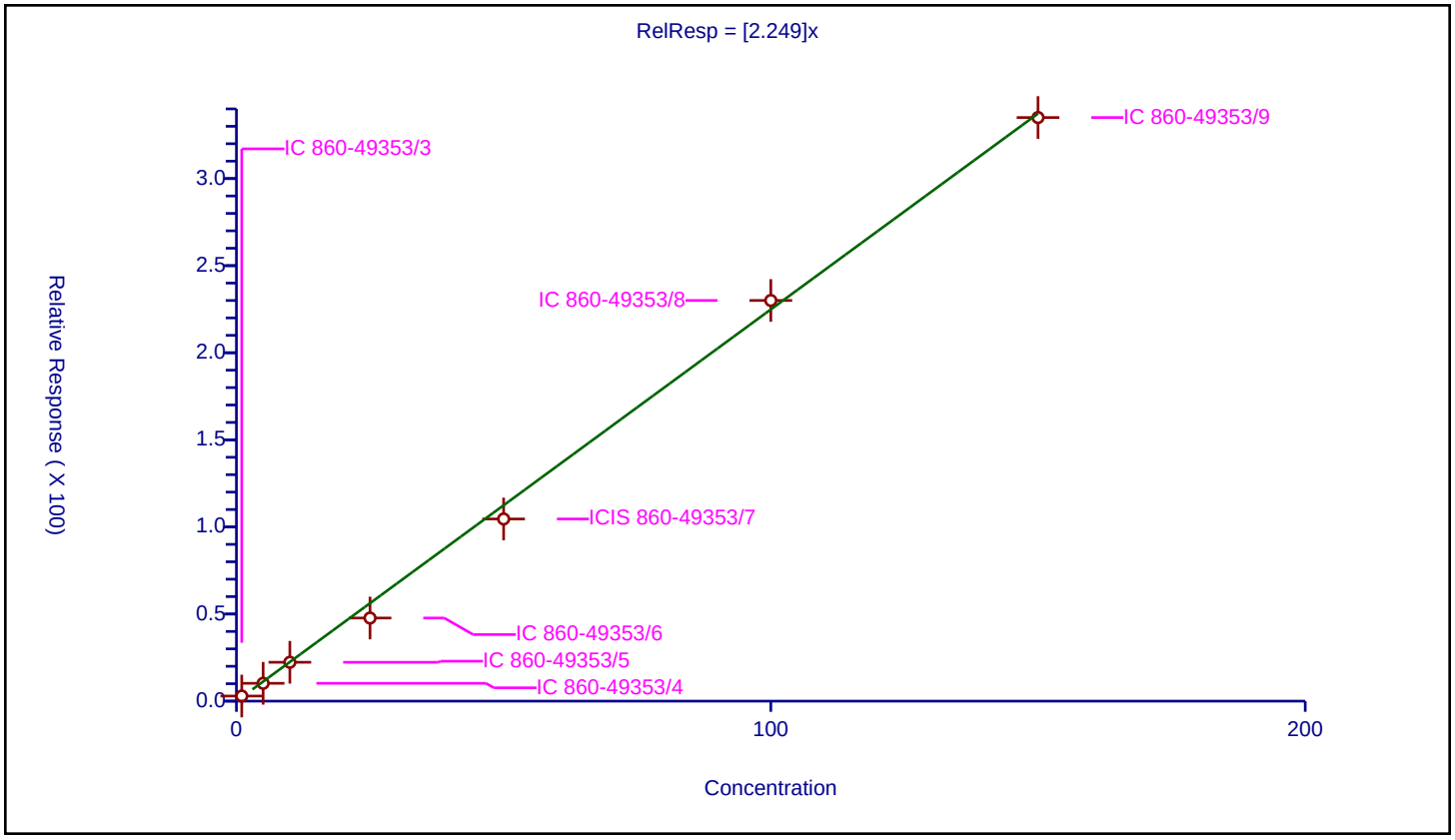
Curve Coefficients

Intercept:	0
Slope:	2.249

Error Coefficients

Standard Error:	592000
Relative Standard Error:	14.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.972

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	2.928436	50.0	178918.0	2.928436	Y
2	IC 860-49353/4	5.0	10.23422	50.0	178934.0	2.046844	Y
3	IC 860-49353/5	10.0	22.317639	50.0	170363.0	2.231764	Y
4	IC 860-49353/6	25.0	47.719512	50.0	181277.0	1.90878	Y
5	ICIS 860-49353/7	50.0	104.581672	50.0	170309.0	2.091633	Y
6	IC 860-49353/8	100.0	230.013876	50.0	174406.0	2.300139	Y
7	IC 860-49353/9	150.0	335.035331	50.0	170104.0	2.233569	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

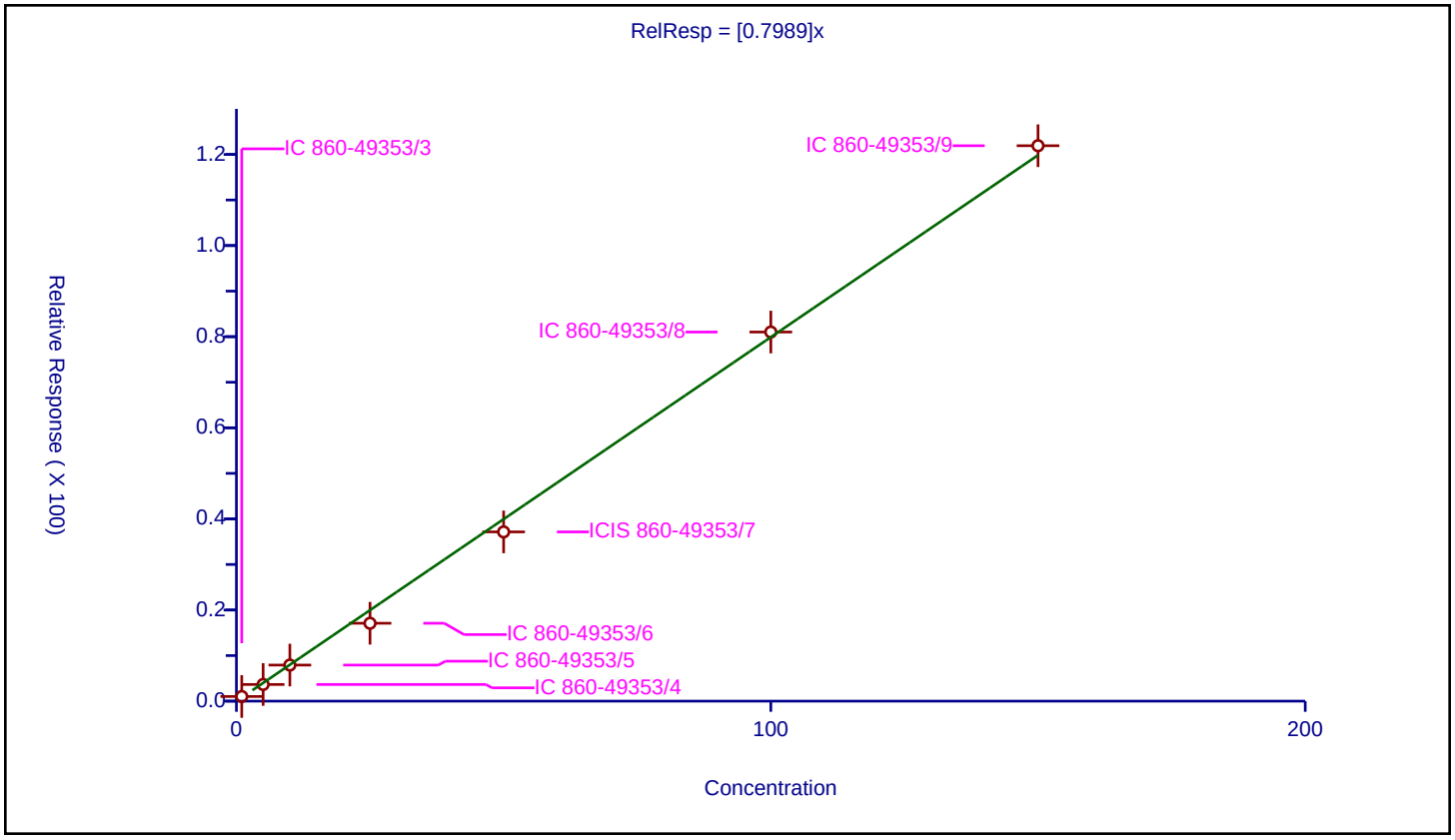
Curve Coefficients

Intercept:	0
Slope:	0.7989

Error Coefficients

Standard Error:	213000
Relative Standard Error:	13.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	1.019461	50.0	178918.0	1.019461	Y
2	IC 860-49353/4	5.0	3.657494	50.0	178934.0	0.731499	Y
3	IC 860-49353/5	10.0	7.916919	50.0	170363.0	0.791692	Y
4	IC 860-49353/6	25.0	17.097039	50.0	181277.0	0.683882	Y
5	ICIS 860-49353/7	50.0	37.151883	50.0	170309.0	0.743038	Y
6	IC 860-49353/8	100.0	81.017282	50.0	174406.0	0.810173	Y
7	IC 860-49353/9	150.0	121.91718	50.0	170104.0	0.812781	Y



Calibration / 2-Methylnaphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

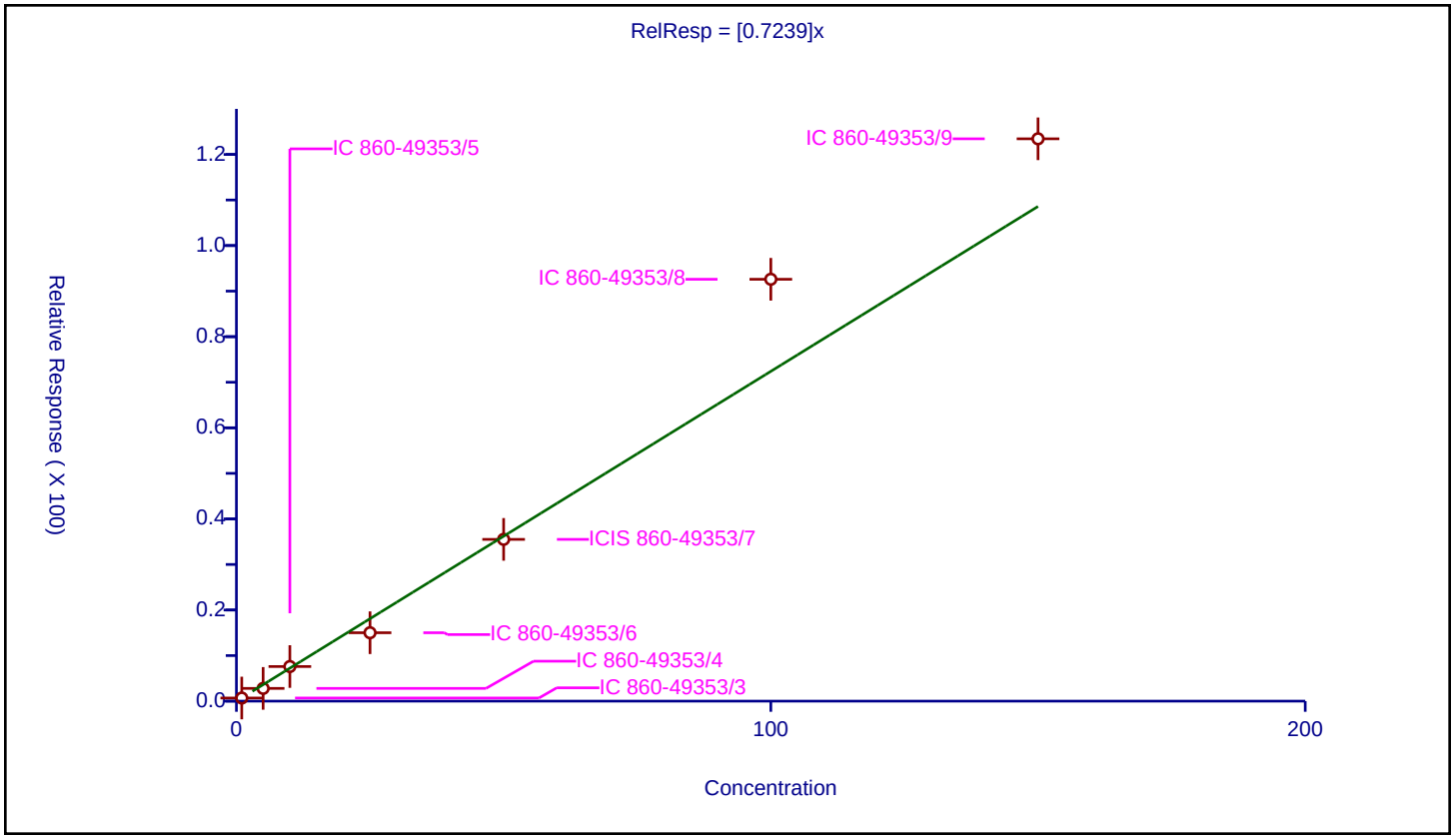
Curve Coefficients

Intercept:	0
Slope:	0.7239

Error Coefficients

Standard Error:	223000
Relative Standard Error:	17.4
Correlation Coefficient:	0.988
Coefficient of Determination (Adjusted):	0.968

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	0.688863	50.0	178918.0	0.688863	Y
2	IC 860-49353/4	5.0	2.796562	50.0	178934.0	0.559312	Y
3	IC 860-49353/5	10.0	7.595546	50.0	170363.0	0.759555	Y
4	IC 860-49353/6	25.0	15.017349	50.0	181277.0	0.600694	Y
5	ICIS 860-49353/7	50.0	35.507812	50.0	170309.0	0.710156	Y
6	IC 860-49353/8	100.0	92.601459	50.0	174406.0	0.926015	Y
7	IC 860-49353/9	150.0	123.434781	50.0	170104.0	0.822899	Y



Calibration / 1-Methylnaphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

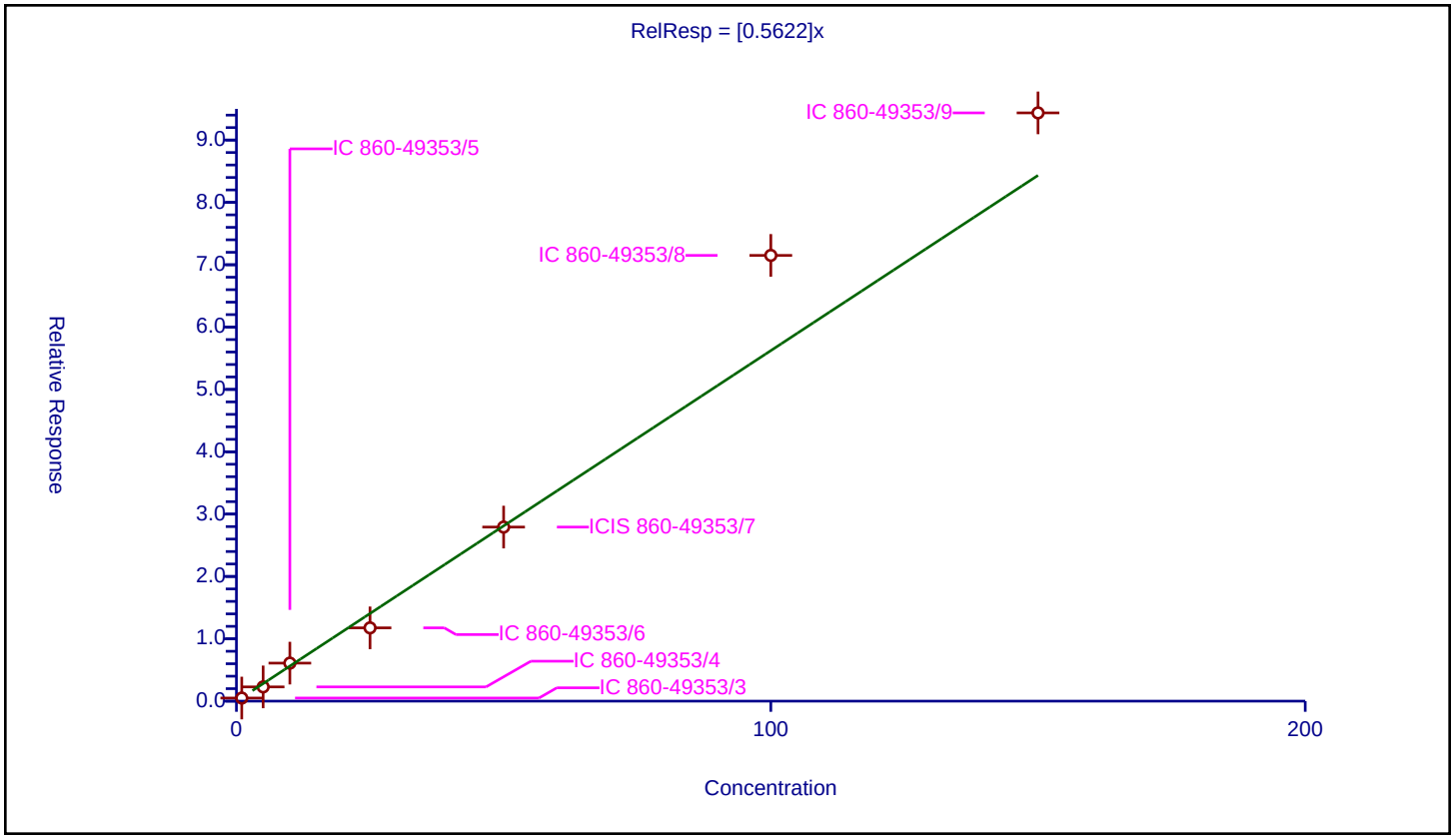
Curve Coefficients

Intercept:	0
Slope:	0.5622

Error Coefficients

Standard Error:	172000
Relative Standard Error:	16.9
Correlation Coefficient:	0.987
Coefficient of Determination (Adjusted):	0.970

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-49353/3	1.0	0.496037	50.0	178918.0	0.496037	Y
2	IC 860-49353/4	5.0	2.28548	50.0	178934.0	0.457096	Y
3	IC 860-49353/5	10.0	6.099329	50.0	170363.0	0.609933	Y
4	IC 860-49353/6	25.0	11.754387	50.0	181277.0	0.470175	Y
5	ICIS 860-49353/7	50.0	27.922188	50.0	170309.0	0.558444	Y
6	IC 860-49353/8	100.0	71.49926	50.0	174406.0	0.714993	Y
7	IC 860-49353/9	150.0	94.359333	50.0	170104.0	0.629062	Y



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Lab Sample ID: ICV 860-49306/10 Calibration Date: 04/18/2022 20:01

Instrument ID: A131 Calib Start Date: 04/18/2022 17:09

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 04/18/2022 19:20

Lab File ID: J04182231.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	Qua		0.2820		34.1	50.0	-31.8*	30.0
Vinyl chloride	Lin1		0.4020		45.7	50.0	-8.7	30.0
1,1-Dichloroethene	Lin1		0.3332		46.2	50.0	-7.7	30.0
Acetone	Ave	0.1167	0.1080		231	250	-7.4	50.0
MTBE	Ave	1.098	1.038		47.3	50.0	-5.4	30.0
trans-1,2-Dichloroethene	Lin1		0.3511		42.1	50.0	-15.8	30.0
1,1-Dichloroethane	Ave	0.7377	0.7384		50.0	50.0	0.0	30.0
cis-1,2-Dichloroethene	Ave	0.7362	0.7340		49.9	50.0	-0.3	30.0
2-Butanone	Ave	0.3392	0.3134		231	250	-7.6	50.0
Tetrahydrofuran	Ave	0.1526	0.1453		95.2	100	-4.8	30.0
Chloroform	Ave	0.7879	0.7739		49.1	50.0	-1.8	30.0
Carbon tetrachloride	Ave	0.7738	0.6850		44.3	50.0	-11.5	30.0
Benzene	Ave	1.181	1.168		49.5	50.0	-1.1	30.0
1,2-Dichloroethane	Ave	0.4178	0.4076		48.8	50.0	-2.4	30.0
Trichloroethene	Ave	0.3004	0.3013		50.2	50.0	0.3	30.0
1,2-Dichloropropane	Ave	0.2900	0.2889		49.8	50.0	-0.4	30.0
Toluene	Ave	0.8687	0.8407		48.4	50.0	-3.2	30.0
Tetrachloroethene	Lin1		0.2928		43.1	50.0	-13.8	30.0
Chlorobenzene	Ave	0.9488	0.9057		47.7	50.0	-4.5	30.0
Ethylbenzene	Ave	1.662	1.617		48.7	50.0	-2.7	30.0
m,p-Xylenes	Ave	1.288	1.241		48.2	50.0	-3.7	30.0
o-Xylene	Ave	1.326	1.281		48.3	50.0	-3.3	30.0
Bromoform	Ave	0.2593	0.2401		46.3	50.0	-7.4	30.0
1,1,2,2-Tetrachloroethane	Ave	0.7338	0.6673		45.5	50.0	-9.1	30.0
1,4-Dichlorobenzene	Ave	1.515	1.399		46.2	50.0	-7.6	30.0
Hexachlorobutadiene	Ave	0.3761	0.3735		49.7	50.0	-0.7	50.0
Dibromofluoromethane (Surr)	Ave	0.4272	0.4327		50.7	50.0	1.3	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3602	0.3456		48.0	50.0	-4.1	30.0
Toluene-d8 (Surr)	Ave	1.290	1.282		49.7	50.0	-0.6	30.0
4-Bromofluorobenzene (Surr)	Ave	0.9482	0.9083		47.9	50.0	-4.2	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Lab Sample ID: CCVIS 860-50183/2 Calibration Date: 04/25/2022 09:14

Instrument ID: A131 Calib Start Date: 04/18/2022 17:09

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 04/18/2022 19:20

Lab File ID: J04252202.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	Qua		0.3515		43.2	50.0	-13.6	20.0
Vinyl chloride	Lin1		0.4493		50.9	50.0	1.9	20.0
1,1-Dichloroethene	Lin1		0.3393		47.0	50.0	-6.0	20.0
Acetone	Ave	0.1167	0.1130		242	250	-3.2	50.0
MTBE	Ave	1.098	1.209		55.1	50.0	10.2	20.0
trans-1,2-Dichloroethene	Lin1		0.4254		50.8	50.0	1.5	20.0
1,1-Dichloroethane	Ave	0.7377	0.7946		53.9	50.0	7.7	20.0
cis-1,2-Dichloroethene	Ave	0.7362	0.8073		54.8	50.0	9.7	20.0
2-Butanone	Ave	0.3392	0.3802		280	250	12.1	50.0
Tetrahydrofuran	Ave	0.1526	0.1761		115	100	15.4	20.0
Chloroform	Ave	0.7879	0.8007		50.8	50.0	1.6	20.0
Carbon tetrachloride	Ave	0.7738	0.6889		44.5	50.0	-11.0	20.0
Benzene	Ave	1.181	1.274		54.0	50.0	7.9	20.0
1,2-Dichloroethane	Ave	0.4178	0.3955		47.3	50.0	-5.3	20.0
Trichloroethene	Ave	0.3004	0.3325		55.3	50.0	10.7	20.0
1,2-Dichloropropane	Ave	0.2900	0.3284		56.6	50.0	13.2	20.0
Toluene	Ave	0.8687	0.9326		53.7	50.0	7.4	20.0
Tetrachloroethene	Lin1		0.3284		48.2	50.0	-3.6	20.0
Chlorobenzene	Ave	0.9488	0.997		52.5	50.0	5.1	20.0
Ethylbenzene	Ave	1.662	1.759		52.9	50.0	5.8	20.0
m,p-Xylenes	Ave	1.288	1.365		53.0	50.0	6.0	20.0
o-Xylene	Ave	1.326	1.399		52.8	50.0	5.5	20.0
Bromoform	Ave	0.2593	0.2694		52.0	50.0	3.9	20.0
1,1,2,2-Tetrachloroethane	Ave	0.7338	0.7838		53.4	50.0	6.8	20.0
1,4-Dichlorobenzene	Ave	1.515	1.551		51.2	50.0	2.4	20.0
Hexachlorobutadiene	Ave	0.3761	0.3824		50.8	50.0	1.7	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Lab Sample ID: CCVIS 860-50183/2 Calibration Date: 04/25/2022 09:14

Instrument ID: A131 Calib Start Date: 04/20/2022 16:40

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 04/20/2022 18:43

Lab File ID: J04252202.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
Dibromofluoromethane (Surr)	Ave	0.4398	0.4147		47.2	50.0	-5.7	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3615	0.3248		44.9	50.0	-10.1	20.0
Toluene-d8 (Surr)	Ave	1.305	1.270		48.7	50.0	-2.7	20.0
4-Bromofluorobenzene (Surr)	Ave	1.068	0.9299		43.5	50.0	-13.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Lab Sample ID: CCVIS 860-50353/2 Calibration Date: 04/26/2022 09:07

Instrument ID: A131 Calib Start Date: 04/18/2022 17:09

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 04/18/2022 19:20

Lab File ID: J04262202.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	Qua		0.4046		50.3	50.0	0.7	20.0
Vinyl chloride	Lin1		0.4730		53.6	50.0	7.1	20.0
1,1-Dichloroethene	Lin1		0.3348		46.4	50.0	-7.2	20.0
Acetone	Ave	0.1167	0.1169		250	250	0.2	50.0
MTBE	Ave	1.098	1.239		56.4	50.0	12.9	20.0
trans-1,2-Dichloroethene	Lin1		0.4229		50.5	50.0	0.9	20.0
1,1-Dichloroethane	Ave	0.7377	0.8083		54.8	50.0	9.6	20.0
cis-1,2-Dichloroethene	Ave	0.7362	0.8305		56.4	50.0	12.8	20.0
2-Butanone	Ave	0.3392	0.3968		293	250	17.0	50.0
Tetrahydrofuran	Ave	0.1526	0.1834		120	100	20.2*	20.0
Chloroform	Ave	0.7879	0.8084		51.3	50.0	2.6	20.0
Carbon tetrachloride	Ave	0.7738	0.7078		45.7	50.0	-8.5	20.0
Benzene	Ave	1.181	1.261		53.4	50.0	6.8	20.0
1,2-Dichloroethane	Ave	0.4178	0.3767		45.1	50.0	-9.8	20.0
Trichloroethene	Ave	0.3004	0.3299		54.9	50.0	9.8	20.0
1,2-Dichloropropane	Ave	0.2900	0.3259		56.2	50.0	12.4	20.0
Toluene	Ave	0.8687	0.9231		53.1	50.0	6.3	20.0
Tetrachloroethene	Lin1		0.3225		47.4	50.0	-5.3	20.0
Chlorobenzene	Ave	0.9488	0.9894		52.1	50.0	4.3	20.0
Ethylbenzene	Ave	1.662	1.753		52.8	50.0	5.5	20.0
m,p-Xylenes	Ave	1.288	1.356		52.6	50.0	5.3	20.0
o-Xylene	Ave	1.326	1.382		52.1	50.0	4.2	20.0
Bromoform	Ave	0.2593	0.2655		51.2	50.0	2.4	20.0
1,1,2,2-Tetrachloroethane	Ave	0.7338	0.7826		53.3	50.0	6.6	20.0
1,4-Dichlorobenzene	Ave	1.515	1.534		50.6	50.0	1.3	20.0
Hexachlorobutadiene	Ave	0.3761	0.3656		48.6	50.0	-2.8	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Lab Sample ID: CCVIS 860-50353/2 Calibration Date: 04/26/2022 09:07

Instrument ID: A131 Calib Start Date: 04/20/2022 16:40

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 04/20/2022 18:43

Lab File ID: J04262202.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
Dibromofluoromethane (Surr)	Ave	0.4398	0.4317		49.1	50.0	-1.8	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3615	0.3377		46.7	50.0	-6.6	20.0
Toluene-d8 (Surr)	Ave	1.305	1.277		48.9	50.0	-2.1	20.0
4-Bromofluorobenzene (Surr)	Ave	1.068	0.9382		43.9	50.0	-12.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Lab Sample ID: ICV 860-47061/10 Calibration Date: 03/31/2022 12:51

Instrument ID: A292 Calib Start Date: 03/31/2022 09:06

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 03/31/2022 11:50

Lab File ID: E03312218.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		0.0443		44.8	50.0	-10.3	30.0
Dichlorodifluoromethane	Ave	0.3702	0.3499		47.3	50.0	-5.5	50.0
Chloromethane	Ave	0.5812	0.6073		52.3	50.0	4.5	30.0
Vinyl chloride	Ave	0.4660	0.4876		52.3	50.0	4.6	30.0
1,3-Butadiene	Ave	0.3851	0.3951		51.3	50.0	2.6	50.0
Ethylene oxide	Ave	0.1227	0.1234		251	250	0.6	50.0
Bromomethane	Ave	0.2771	0.2770		50.0	50.0	-0.0	30.0
Chloroethane	Ave	0.2610	0.2814		53.9	50.0	7.8	30.0
Dichlorofluoromethane	Lin1		0.7486		52.4	50.0	4.8	30.0
Trichlorofluoromethane	Ave	0.5217	0.5162		49.5	50.0	-1.1	30.0
Diethyl ether	Ave	0.3477	0.3607		51.9	50.0	3.7	50.0
Acrolein	Ave	0.0520	0.0563		270	250	8.1	50.0
1,1-Dichloroethene	Ave	0.2976	0.2917		49.0	50.0	-2.0	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2289	0.2166		47.3	50.0	-5.4	30.0
Acetone	Ave	0.0414	0.0417		252	250	0.6	50.0
Iodomethane (Methyl Iodide)	Ave	0.3530	0.3834		54.3	50.0	8.6	50.0
Carbon disulfide	Ave	1.054	1.036		49.1	50.0	-1.7	30.0
Isopropyl alcohol	Ave	0.0279	0.0307		551	500	10.2	50.0
Acetonitrile	Ave	0.0386	0.0411		532	500	6.4	30.0
Allyl Chloride (3-Chloropropene)	Ave	0.2133	0.2061		48.3	50.0	-3.4	30.0
Methyl acetate	Ave	0.3694	0.3898		106	100	5.5	30.0
Methylene Chloride	Ave	0.4203	0.4082		48.6	50.0	-2.9	50.0
tert-Butyl alcohol	Ave	0.0451	0.0486		539	500	7.7	30.0
Acrylonitrile	Ave	0.1774	0.1873		528	500	5.6	50.0
trans-1,2-Dichloroethene	Ave	0.3437	0.3430		49.9	50.0	-0.2	30.0
MTBE	Ave	1.243	1.285		51.7	50.0	3.3	30.0
n-Hexane	Ave	0.4503	0.4242		47.1	50.0	-5.8	30.0
1,1-Dichloroethane	Ave	0.7348	0.7540		51.3	50.0	2.6	30.0
Vinyl acetate	Ave	1.300	1.352		260	250	4.0	50.0
Isopropyl ether	Ave	1.456	1.503		51.6	50.0	3.3	30.0
Chloroprene	Ave	0.5865	0.5835		49.7	50.0	-0.5	30.0
Ethyl tert-butyl ether	Ave	1.363	1.404		51.5	50.0	3.0	30.0
2,2-Dichloropropane	Ave	0.5955	0.5752		48.3	50.0	-3.4	30.0
cis-1,2-Dichloroethene	Ave	0.6908	0.6954		50.3	50.0	0.7	30.0
2-Butanone	Ave	0.0547	0.0572		261	250	4.5	50.0
Propane Nitrile (Propionitrile)	Ave	0.0655	0.0704		538	500	7.5	30.0
Ethyl acetate	Ave	0.5375	0.5507		103	100	2.5	30.0
Bromochloromethane	Ave	0.2961	0.3014		50.9	50.0	1.8	30.0
Methacrylonitrile	Ave	0.2002	0.2100		525	500	4.9	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Lab Sample ID: ICV 860-47061/10 Calibration Date: 03/31/2022 12:51

Instrument ID: A292 Calib Start Date: 03/31/2022 09:06

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 03/31/2022 11:50

Lab File ID: E03312218.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	0.1606	0.1674		104	100	4.2	30.0
Chloroform	Ave	0.7205	0.7354		51.0	50.0	2.1	30.0
1,1,1-Trichloroethane	Ave	0.5821	0.5761		49.5	50.0	-1.0	30.0
Cyclohexane	Ave	0.5471	0.4523		41.3	50.0	-17.3	30.0
1,1-Dichloropropene	Ave	0.5099	0.5061		49.6	50.0	-0.7	30.0
Carbon tetrachloride	Ave	0.3913	0.4050		51.8	50.0	3.5	30.0
Isobutanol	Ave	0.0145	0.0157		1347	1240	8.6	50.0
Benzene	Ave	1.073	1.074		50.0	50.0	0.0	30.0
1,2-Dichloroethane	Ave	0.4042	0.4138		51.2	50.0	2.4	30.0
2,2,4-Trimethylpentane	Ave	0.6683	0.6466		48.4	50.0	-3.3	30.0
Tert-amyl methyl ether	Ave	0.7827	0.8051		51.4	50.0	2.9	30.0
n-Butanol	Ave	0.0186	0.0200		1355	1260	7.5	30.0
Trichloroethene	Ave	0.2518	0.2491		49.5	50.0	-1.0	30.0
Methylcyclohexane	Ave	0.3720	0.3491		46.9	50.0	-6.2	30.0
1,2-Dichloropropane	Ave	0.3301	0.3333		50.5	50.0	0.9	30.0
Dibromomethane	Ave	0.1958	0.1952		49.9	50.0	-0.3	30.0
Methyl methacrylate	Ave	0.2259	0.2405		107	100	6.5	50.0
1,4-Dioxane (P-Dioxane)	Ave	0.0028	0.0031		1104	1000	10.4	50.0
Bromodichloromethane	Ave	0.3813	0.3871		50.8	50.0	1.5	30.0
2-Chloroethyl vinyl ether	Ave	0.2098	0.2142		51.0	50.0	2.1	30.0
Epichlorohydrin	Ave	0.0302	0.0328		542	500	8.4	30.0
cis-1,3-Dichloropropene	Ave	0.4950	0.5046		51.0	50.0	1.9	30.0
4-Methyl-2-pentanone	Ave	0.3269	0.3431		262	250	5.0	50.0
Toluene	Ave	0.7298	0.7302		50.0	50.0	0.0	30.0
trans-1,3-Dichloropropene	Ave	0.5177	0.5351		51.7	50.0	3.4	30.0
Ethyl methacrylate	Ave	0.4766	0.4937		51.8	50.0	3.6	50.0
1,1,2-Trichloroethane	Ave	0.2655	0.2764		52.1	50.0	4.1	30.0
Tetrachloroethene	Ave	0.2237	0.2210		49.4	50.0	-1.2	30.0
1,3-Dichloropropane	Ave	0.5023	0.5177		51.5	50.0	3.1	30.0
2-Hexanone	Ave	0.2566	0.2725		266	250	6.2	50.0
Dibromochloromethane	Ave	0.3331	0.3443		51.7	50.0	3.4	30.0
1,2-Dibromoethane	Ave	0.3146	0.3203		50.9	50.0	1.8	30.0
1-Chlorohexane	Lin1		0.2733		47.6	50.0	-4.7	30.0
Chlorobenzene	Ave	0.8119	0.8227		50.7	50.0	1.3	30.0
1,1,1,2-Tetrachloroethane	Ave	0.3022	0.3125		51.7	50.0	3.4	30.0
Ethylbenzene	Ave	1.358	1.369		50.4	50.0	0.8	30.0
m,p-Xylenes	Ave	1.077	1.093		50.7	50.0	1.5	30.0
o-Xylene	Ave	1.133	1.150		50.8	50.0	1.5	30.0
Styrene	Ave	0.9073	0.9180		50.6	50.0	1.2	30.0
Bromoform	Ave	0.2282	0.2424		53.1	50.0	6.2	30.0
Isopropylbenzene	Ave	1.269	1.278		50.4	50.0	0.7	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Lab Sample ID: ICV 860-47061/10 Calibration Date: 03/31/2022 12:51

Instrument ID: A292 Calib Start Date: 03/31/2022 09:06

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 03/31/2022 11:50

Lab File ID: E03312218.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
cis-1,4-Dichloro-2-butene	Ave	0.1273	0.1320		52.4	50.5	3.7	30.0
Cyclohexanone	Ave	0.0186	0.0184		2479	2500	-0.9	50.0
1,1,2,2-Tetrachloroethane	Ave	0.7873	0.8263		52.5	50.0	4.9	30.0
Bromobenzene	Ave	0.7169	0.7395		51.6	50.0	3.2	30.0
1,2,3-Trichloropropane	Ave	0.9650	1.083		56.1	50.0	12.3	30.0
trans-1,4-Dichloro-2-butene	Ave	0.2240	0.2414		53.9	50.0	7.7	50.0
N-Propylbenzene	Ave	3.059	3.084		50.4	50.0	0.8	30.0
2-Chlorotoluene	Ave	2.196	2.208		50.3	50.0	0.5	30.0
4-Ethyltoluene	Ave	2.473	2.467		49.9	50.0	-0.2	30.0
1,3,5-Trimethylbenzene	Ave	2.253	2.263		50.2	50.0	0.4	30.0
4-Chlorotoluene	Ave	2.222	2.259		50.8	50.0	1.6	30.0
Alpha Methyl Styrene	Ave	0.5434	0.6056		55.7	50.0	11.4	30.0
tert-Butylbenzene	Ave	1.783	1.799		50.5	50.0	0.9	30.0
1,2,4-Trimethylbenzene	Ave	2.271	2.308		50.8	50.0	1.7	30.0
sec-Butylbenzene	Ave	2.541	2.579		50.7	50.0	1.5	30.0
1,3-Dichlorobenzene	Ave	1.261	1.271		50.4	50.0	0.7	30.0
p-Cymene (p-Isopropyltoluene)	Ave	2.217	2.206		49.8	50.0	-0.5	30.0
1,4-Dichlorobenzene	Ave	1.277	1.276		50.0	50.0	-0.0	30.0
Dicyclopentadiene	Ave	2.924	2.920		49.9	50.0	-0.1	30.0
Benzyl chloride	Ave	0.2538	0.2460		48.5	50.0	-3.1	30.0
n-Butylbenzene	Ave	2.048	2.052		50.1	50.0	0.2	30.0
1,2-Dichlorobenzene	Ave	1.201	1.226		51.1	50.0	2.1	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.1419	0.1511		53.2	50.0	6.5	50.0
1,2,4-Trichlorobenzene	Ave	0.7254	0.7689		53.0	50.0	6.0	30.0
Hexachlorobutadiene	Ave	0.3272	0.3392		51.8	50.0	3.7	50.0
Naphthalene	Ave	1.533	1.673		54.6	50.0	9.1	30.0
1,2,3-Trichlorobenzene	Ave	0.5806	0.6229		53.6	50.0	7.3	30.0
2-Methylnaphthalene	Ave	0.4413	0.5449		61.7	50.0	23.5	30.0
1-Methylnaphthalene	Ave	0.3431	0.4266		62.2	50.0	24.3	30.0
Dibromofluoromethane (Surr)	Ave	0.4791	0.4811		50.2	50.0	0.4	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3805	0.3807		50.0	50.0	0.0	30.0
Toluene-d8 (Surr)	Ave	1.370	1.371		50.0	50.0	0.0	30.0
4-Bromofluorobenzene (Surr)	Ave	1.059	1.062		50.2	50.0	0.3	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Lab Sample ID: CCVIS 860-49900/2 Calibration Date: 04/22/2022 07:55

Instrument ID: A292 Calib Start Date: 03/31/2022 09:06

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 03/31/2022 11:50

Lab File ID: E04222203.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
Dichlorodifluoromethane	Ave	0.3702	0.3229		43.6	50.0	-12.8	50.0
Chloromethane	Ave	0.5812	0.5074		43.7	50.0	-12.7	20.0
Propene	Lin1		0.0735		79.9	50.0	59.9*	20.0
Vinyl chloride	Ave	0.4660	0.4684		50.3	50.0	0.5	20.0
1,3-Butadiene	Ave	0.3851	0.3990		51.8	50.0	3.6	50.0
Ethylene oxide	Ave	0.1227	0.1545		315	250	26.0	50.0
Bromomethane	Ave	0.2771	0.2489		44.9	50.0	-10.2	20.0
Chloroethane	Ave	0.2610	0.2797		53.6	50.0	7.2	20.0
Dichlorofluoromethane	Lin1		0.8055		56.4	50.0	12.8	20.0
Trichlorofluoromethane	Ave	0.5217	0.5712		54.8	50.0	9.5	20.0
Diethyl ether	Ave	0.3477	0.3681		52.9	50.0	5.9	50.0
Acrolein	Ave	0.0520	0.0677		325	250	30.0	50.0
1,1-Dichloroethene	Ave	0.2976	0.2820		47.4	50.0	-5.2	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2289	0.2142		46.8	50.0	-6.4	20.0
Acetone	Ave	0.0414	0.0421		254	250	1.7	50.0
Iodomethane (Methyl Iodide)	Ave	0.3530	0.2571		36.4	50.0	-27.2	50.0
Carbon disulfide	Ave	1.054	0.9648		45.8	50.0	-8.5	20.0
Isopropyl alcohol	Ave	0.0279	0.0321		576	500	15.2	50.0
Acetonitrile	Ave	0.0386	0.0495		641	500	28.2*	20.0
Allyl Chloride (3-Chloropropene)	Ave	0.2133	0.2095		49.1	50.0	-1.8	20.0
Methyl acetate	Ave	0.3694	0.4121		112	100	11.6	20.0
Methylene Chloride	Ave	0.4203	0.4083		48.6	50.0	-2.9	50.0
tert-Butyl alcohol	Ave	0.0451	0.0466		517	500	3.4	20.0
Acrylonitrile	Ave	0.1774	0.1877		529	500	5.8	50.0
trans-1,2-Dichloroethene	Ave	0.3437	0.3391		49.3	50.0	-1.3	20.0
MTBE	Ave	1.243	1.256		50.5	50.0	1.0	20.0
n-Hexane	Ave	0.4503	0.4668		51.8	50.0	3.7	20.0
1,1-Dichloroethane	Ave	0.7348	0.7949		54.1	50.0	8.2	20.0
Vinyl acetate	Ave	1.300	1.528		294	250	17.6	50.0
Isopropyl ether	Ave	1.456	1.976		67.9	50.0	35.8*	20.0
Chloroprene	Ave	0.5865	0.7035		60.0	50.0	19.9	20.0
Ethyl tert-butyl ether	Ave	1.363	1.639		60.1	50.0	20.3*	20.0
2,2-Dichloropropane	Ave	0.5955	0.6365		53.4	50.0	6.9	20.0
cis-1,2-Dichloroethene	Ave	0.6908	0.7714		55.8	50.0	11.7	20.0
2-Butanone	Ave	0.0547	0.0575		263	250	5.0	50.0
Propane Nitrile (Propionitrile)	Ave	0.0655	0.0815		622	500	24.4*	20.0
Ethyl acetate	Ave	0.5375	0.6134		114	100	14.1	20.0
Bromochloromethane	Ave	0.2961	0.2997		50.6	50.0	1.2	20.0
Methacrylonitrile	Ave	0.2002	0.2255		563	500	12.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Lab Sample ID: CCVIS 860-49900/2 Calibration Date: 04/22/2022 07:55

Instrument ID: A292 Calib Start Date: 03/31/2022 09:06

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 03/31/2022 11:50

Lab File ID: E04222203.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	0.1606	0.1730		108	100	7.7	20.0
Chloroform	Ave	0.7205	0.7974		55.3	50.0	10.7	20.0
1,1,1-Trichloroethane	Ave	0.5821	0.6133		52.7	50.0	5.4	20.0
Cyclohexane	Ave	0.5471	0.5011		45.8	50.0	-8.4	20.0
1,1-Dichloropropene	Ave	0.5099	0.5531		54.2	50.0	8.5	20.0
Carbon tetrachloride	Ave	0.3913	0.3981		50.9	50.0	1.7	20.0
Isobutanol	Ave	0.0145	0.0147		1271	1250	1.7	50.0
Benzene	Ave	1.073	1.059		49.4	50.0	-1.3	20.0
1,2-Dichloroethane	Ave	0.4042	0.4306		53.3	50.0	6.5	20.0
2,2,4-Trimethylpentane	Ave	0.6683	0.7701		57.6	50.0	15.2	20.0
Tert-amyl methyl ether	Ave	0.7827	0.8664		55.4	50.0	10.7	20.0
n-Butanol	Ave	0.0186	0.0197		1315	1240	6.0	20.0
Trichloroethene	Ave	0.2518	0.2346		46.6	50.0	-6.8	20.0
Methylcyclohexane	Ave	0.3720	0.3735		50.2	50.0	0.4	20.0
1,2-Dichloropropane	Ave	0.3301	0.3413		51.7	50.0	3.4	20.0
Dibromomethane	Ave	0.1958	0.1906		48.7	50.0	-2.6	20.0
Methyl methacrylate	Ave	0.2259	0.2323		103	100	2.8	50.0
1,4-Dioxane (P-Dioxane)	Ave	0.0028	0.0029		1054	1000	5.4	50.0
Bromodichloromethane	Ave	0.3813	0.3639		47.7	50.0	-4.6	20.0
2-Chloroethyl vinyl ether	Ave	0.2098	0.2179		51.9	50.0	3.9	20.0
Epichlorohydrin	Ave	0.0302	0.0046		75.3	500	-84.9*	20.0
cis-1,3-Dichloropropene	Ave	0.4950	0.4885		49.3	50.0	-1.3	20.0
4-Methyl-2-pentanone	Ave	0.3269	0.3562		272	250	8.9	50.0
Toluene	Ave	0.7298	0.7069		48.4	50.0	-3.1	20.0
trans-1,3-Dichloropropene	Ave	0.5177	0.5098		49.2	50.0	-1.5	20.0
Ethyl methacrylate	Ave	0.4766	0.4531		47.5	50.0	-4.9	50.0
1,1,2-Trichloroethane	Ave	0.2655	0.2693		50.7	50.0	1.4	20.0
Tetrachloroethene	Ave	0.2237	0.2188		48.9	50.0	-2.2	20.0
1,3-Dichloropropane	Ave	0.5023	0.5039		50.2	50.0	0.3	20.0
2-Hexanone	Ave	0.2566	0.2757		269	250	7.5	50.0
Dibromochloromethane	Ave	0.3331	0.2820		42.3	50.0	-15.3	20.0
1,2-Dibromoethane	Ave	0.3146	0.2933		46.6	50.0	-6.7	20.0
1-Chlorohexane	Lin1		0.3154		55.3	50.0	10.5	20.0
Chlorobenzene	Ave	0.8119	0.7880		48.5	50.0	-2.9	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3022	0.2777		46.0	50.0	-8.1	20.0
Ethylbenzene	Ave	1.358	1.359		50.0	50.0	0.0	20.0
m,p-Xylenes	Ave	1.077	1.065		49.4	50.0	-1.1	20.0
o-Xylene	Ave	1.133	1.125		49.6	50.0	-0.7	20.0
Styrene	Ave	0.9073	0.8669		47.8	50.0	-4.5	20.0
Bromoform	Ave	0.2282	0.1757		38.5	50.0	-23.0*	20.0
Isopropylbenzene	Ave	1.269	1.224		48.2	50.0	-3.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Lab Sample ID: CCVIS 860-49900/2 Calibration Date: 04/22/2022 07:55

Instrument ID: A292 Calib Start Date: 03/31/2022 09:06

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 03/31/2022 11:50

Lab File ID: E04222203.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
cis-1,4-Dichloro-2-butene	Ave	0.1273	0.1157		45.4	50.0	-9.2	20.0
Cyclohexanone	Ave	0.0186	0.0188		2533	2500	1.3	50.0
1,1,2,2-Tetrachloroethane	Ave	0.7873	0.7836		49.8	50.0	-0.5	20.0
Bromobenzene	Ave	0.7169	0.6937		48.4	50.0	-3.2	20.0
1,2,3-Trichloropropane	Ave	0.9650	1.040		53.9	50.0	7.8	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2240	0.2320		51.8	50.0	3.5	50.0
N-Propylbenzene	Ave	3.059	3.208		52.4	50.0	4.9	20.0
2-Chlorotoluene	Ave	2.196	2.340		53.3	50.0	6.5	20.0
4-Ethyltoluene	Ave	2.473	2.756		55.7	50.0	11.4	20.0
1,3,5-Trimethylbenzene	Ave	2.253	2.278		50.6	50.0	1.1	20.0
4-Chlorotoluene	Ave	2.222	2.328		52.4	50.0	4.7	20.0
tert-Butylbenzene	Ave	1.783	1.765		49.5	50.0	-1.0	20.0
1,2,4-Trimethylbenzene	Ave	2.271	2.344		51.6	50.0	3.2	20.0
sec-Butylbenzene	Ave	2.541	2.617		51.5	50.0	3.0	20.0
1,3-Dichlorobenzene	Ave	1.261	1.253		49.7	50.0	-0.7	20.0
p-Cymene (p-Isopropyltoluene)	Ave	2.217	2.241		50.5	50.0	1.1	20.0
1,4-Dichlorobenzene	Ave	1.277	1.266		49.6	50.0	-0.8	20.0
Dicyclopentadiene	Ave	2.924	3.276		56.0	50.0	12.0	20.0
Benzyl chloride	Ave	0.2538	0.2174		42.8	50.0	-14.4	20.0
n-Butylbenzene	Ave	2.048	2.190		53.5	50.0	7.0	20.0
1,2-Dichlorobenzene	Ave	1.201	1.194		49.7	50.0	-0.5	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1419	0.1115		39.3	50.0	-21.4	50.0
1,2,4-Trichlorobenzene	Ave	0.7254	0.6826		47.1	50.0	-5.9	20.0
Hexachlorobutadiene	Ave	0.3272	0.3133		47.9	50.0	-4.2	50.0
Naphthalene	Ave	1.533	1.358		44.3	50.0	-11.4	20.0
1,2,3-Trichlorobenzene	Ave	0.5806	0.5384		46.4	50.0	-7.3	20.0
2-Methylnaphthalene	Ave	0.4413	0.3211		36.4	50.0	-27.2*	20.0
1-Methylnaphthalene	Ave	0.3431	0.2460		35.9	50.0	-28.3*	20.0
Dibromofluoromethane (Surr)	Ave	0.4791	0.5275		55.1	50.0	10.1	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3805	0.4236		55.7	50.0	11.3	20.0
Toluene-d8 (Surr)	Ave	1.370	1.426		52.0	50.0	4.1	20.0
4-Bromofluorobenzene (Surr)	Ave	1.059	1.110		52.4	50.0	4.8	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Lab Sample ID: ICV 860-49353/11 Calibration Date: 04/19/2022 11:29

Instrument ID: A325 Calib Start Date: 04/19/2022 08:15

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 04/19/2022 10:48

Lab File ID: 04192212.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		0.5374		38.8	50.0	-22.4	30.0
Dichlorodifluoromethane	Ave	0.5553	0.4469		40.2	50.0	-19.5	50.0
Chloromethane	Ave	1.355	1.238		45.7	50.0	-8.7	30.0
Vinyl chloride	Ave	0.9352	0.8646		46.2	50.0	-7.5	30.0
1,3-Butadiene	Ave	1.123	0.9833		43.8	50.0	-12.4	50.0
Ethylene oxide	Ave	0.3267	0.2947		226	250	-9.8	50.0
Bromomethane	Ave	0.4648	0.4174		44.9	50.0	-10.2	30.0
Chloroethane	Ave	0.4953	0.4554		46.0	50.0	-8.0	30.0
Trichlorofluoromethane	Ave	1.059	0.9856		46.6	50.0	-6.9	30.0
Acrolein	Lin1		0.1620		260	250	3.8	50.0
1,1-Dichloroethene	Ave	0.4561	0.4211		46.2	50.0	-7.7	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3233	0.2980		46.1	50.0	-7.8	30.0
Acetone	Lin1		0.0881		267	250	6.9	50.0
Iodomethane (Methyl Iodide)	Lin1		0.5114		47.1	50.0	-5.9	50.0
Carbon disulfide	Lin1		1.409		50.0	50.0	0.0	30.0
Isopropyl alcohol	Lin1		0.0713		572	500	14.4	50.0
Allyl Chloride (3-Chloropropene)	Ave	0.2825	0.2906		51.4	50.0	2.9	30.0
Acetonitrile	Lin1		0.1001		527	500	5.3	30.0
Methyl acetate	Ave	0.9166	0.8591		93.7	100	-6.3	30.0
Methylene Chloride	Lin1		0.5224		51.0	50.0	2.0	50.0
tert-Butyl alcohol	Lin1		0.0980		523	500	4.6	30.0
trans-1,2-Dichloroethene	Ave	0.5360	0.5123		47.8	50.0	-4.4	30.0
Acrylonitrile	Ave	0.4793	0.4550		475	500	-5.1	50.0
MTBE	Ave	1.969	1.871		47.5	50.0	-4.9	30.0
n-Hexane	Lin1		1.198		47.2	50.0	-5.5	30.0
1,1-Dichloroethane	Lin1		1.507		50.1	50.0	0.3	30.0
Vinyl acetate	Lin1		3.165		257	250	2.7	50.0
Chloroprene	Lin1		1.754		50.6	50.0	1.2	30.0
Isopropyl ether	Lin1		4.351		51.2	50.0	2.4	30.0
Ethyl tert-butyl ether	Lin1		3.417		50.9	50.0	1.8	30.0
2,2-Dichloropropane	Lin1		1.142		49.2	50.0	-1.6	30.0
cis-1,2-Dichloroethene	Ave	1.587	1.475		46.5	50.0	-7.1	30.0
2-Butanone	Lin1		0.0715		265	250	6.1	50.0
Ethyl acetate	Lin1		1.331		102	100	1.9	30.0
Propane Nitrile (Propionitrile)	Lin1		0.1898		521	500	4.2	30.0
Bromochloromethane	Ave	0.4108	0.3885		47.3	50.0	-5.4	30.0
Methacrylonitrile	Lin1		0.2949		513	500	2.6	30.0
Tetrahydrofuran	Lin1		0.3965		102	100	2.2	30.0
Chloroform	Lin1		1.235		51.1	50.0	2.1	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Lab Sample ID: ICV 860-49353/11 Calibration Date: 04/19/2022 11:29

Instrument ID: A325 Calib Start Date: 04/19/2022 08:15

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 04/19/2022 10:48

Lab File ID: 04192212.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	Lin1		1.226		49.9	50.0	-0.2	30.0
Cyclohexane	Lin1		0.7599		48.8	50.0	-2.4	30.0
Carbon tetrachloride	Ave	1.068	1.023		47.9	50.0	-4.2	30.0
1,1-Dichloropropene	Lin1		0.8773		50.1	50.0	0.3	30.0
Isobutanol	Lin1		0.0336		1390	1240	12.1	50.0
Benzene	Lin1		1.337		50.5	50.0	1.0	30.0
1,2-Dichloroethane	Ave	0.8891	0.8333		46.9	50.0	-6.3	30.0
2,2,4-Trimethylpentane	Ave	2.171	1.905		43.9	50.0	-12.3	30.0
Tert-amyl methyl ether	Lin1		1.231		51.0	50.0	2.0	30.0
n-Butanol	Lin1		0.0399		1424	1260	13.0	30.0
Trichloroethene	Ave	0.3589	0.3402		47.4	50.0	-5.2	30.0
Methylcyclohexane	Ave	0.5976	0.5379		45.0	50.0	-10.0	30.0
1,2-Dichloropropane	Lin1		0.5200		50.5	50.0	1.0	30.0
Dibromomethane	Lin1		0.2488		49.2	50.0	-1.5	30.0
Methyl methacrylate	Lin1		0.2761		102	100	2.1	50.0
1,4-Dioxane (P-Dioxane)	Ave	0.0030	0.0032		1094	1000	9.4	50.0
Bromodichloromethane	Ave	0.6572	0.6147		46.8	50.0	-6.5	30.0
2-Chloroethyl vinyl ether	Lin1		0.3709		50.9	50.0	1.7	30.0
cis-1,3-Dichloropropene	Lin1		0.6682		49.6	50.0	-0.8	30.0
4-Methyl-2-pentanone	Lin1		0.7320		255	250	2.0	50.0
Toluene	Lin1		0.9362		50.8	50.0	1.7	30.0
trans-1,3-Dichloropropene	Ave	0.7778	0.7121		45.8	50.0	-8.4	30.0
Ethyl methacrylate	Lin1		0.5086		49.7	50.0	-0.7	50.0
1,1,2-Trichloroethane	Lin1		0.2825		50.2	50.0	0.3	30.0
Tetrachloroethene	Ave	0.3020	0.2802		46.4	50.0	-7.2	30.0
1,3-Dichloropropane	Lin1		0.6098		50.2	50.0	0.4	30.0
2-Hexanone	Lin1		0.5292		254	250	1.7	50.0
Dibromochloromethane	Lin1		0.4503		49.4	50.0	-1.1	30.0
1,2-Dibromoethane	Lin1		0.3680		50.8	50.0	1.6	30.0
1-Chlorohexane	Lin1		0.7162		49.6	50.0	-0.8	30.0
Chlorobenzene	Lin1		0.9917		49.9	50.0	-0.2	30.0
1,1,1,2-Tetrachloroethane	Lin1		0.4207		50.3	50.0	0.6	30.0
Ethylbenzene	Lin1		1.875		49.9	50.0	-0.2	30.0
m,p-Xylenes	Lin1		1.512		50.1	50.0	0.1	30.0
o-Xylene	Lin1		1.573		49.7	50.0	-0.6	30.0
Styrene	Lin1		1.120		49.2	50.0	-1.6	30.0
Bromoform	Ave	0.3179	0.2909		45.8	50.0	-8.5	30.0
Isopropylbenzene	Ave	1.918	1.776		46.3	50.0	-7.4	30.0
Cyclohexanone	Lin1		0.0254		2805	2500	12.2	50.0
Bromobenzene	Ave	0.9039	0.8457		46.8	50.0	-6.4	30.0
1,1,2,2-Tetrachloroethane	Lin1		0.8798		49.3	50.0	-1.4	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Lab Sample ID: ICV 860-49353/11 Calibration Date: 04/19/2022 11:29

Instrument ID: A325 Calib Start Date: 04/19/2022 08:15

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 04/19/2022 10:48

Lab File ID: 04192212.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
1,2,3-Trichloropropane	Lin1		1.150		49.5	50.0	-0.9	30.0
trans-1,4-Dichloro-2-butene	Ave	0.5301	0.4918		46.4	50.0	-7.2	50.0
N-Propylbenzene	Lin1		4.288		49.8	50.0	-0.4	30.0
2-Chlorotoluene	Lin1		3.083		49.8	50.0	-0.5	30.0
4-Ethyltoluene	Ave	3.962	3.655		46.1	50.0	-7.7	30.0
1,3,5-Trimethylbenzene	Lin1		3.032		49.8	50.0	-0.3	30.0
4-Chlorotoluene	Lin1		3.184		50.4	50.0	0.8	30.0
tert-Butylbenzene	Ave	2.741	2.500		45.6	50.0	-8.8	30.0
1,2,4-Trimethylbenzene	Ave	3.354	3.073		45.8	50.0	-8.4	30.0
sec-Butylbenzene	Ave	3.899	3.586		46.0	50.0	-8.0	30.0
1,3-Dichlorobenzene	Lin1		1.565		49.8	50.0	-0.4	30.0
p-Cymene (p-Isopropyltoluene)	Ave	3.464	3.165		45.7	50.0	-8.6	30.0
1,4-Dichlorobenzene	Lin1		1.557		49.5	50.0	-0.9	30.0
Dicyclopentadiene	Lin1		4.365		49.7	50.0	-0.6	30.0
Benzyl chloride	Lin1		0.3680		47.8	50.0	-4.3	30.0
n-Butylbenzene	Ave	3.302	3.055		46.3	50.0	-7.5	30.0
1,2-Dichlorobenzene	Lin1		1.476		49.3	50.0	-1.5	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.1857	0.1829		49.3	50.0	-1.5	50.0
1,2,4-Trichlorobenzene	Ave	0.9815	0.9487		48.3	50.0	-3.3	30.0
Hexachlorobutadiene	Ave	0.4776	0.4570		47.8	50.0	-4.3	50.0
Naphthalene	Ave	2.249	2.274		50.6	50.0	1.1	30.0
1,2,3-Trichlorobenzene	Ave	0.7989	0.8071		50.5	50.0	1.0	30.0
2-Methylnaphthalene	Ave	0.7239	0.9539		65.9	50.0	31.8*	30.0
1-Methylnaphthalene	Ave	0.5622	0.7601		67.6	50.0	35.2*	30.0
2-Nitropropane	None				10.0	100	-100.0*	30.0
Diethyl ether	None				0.100	50.0	-100.0*	50.0
t-Amyl alcohol	None				12.5	500	-100.0*	30.0
Dibromofluoromethane (Surr)	Ave	0.5892	0.5924		50.3	50.0	0.5	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.6175	0.6280		50.9	50.0	1.7	30.0
Toluene-d8 (Surr)	Ave	1.363	1.341		49.2	50.0	-1.6	30.0
4-Bromofluorobenzene (Surr)	Ave	1.128	1.113		49.3	50.0	-1.3	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Lab Sample ID: CCVIS 860-50170/2 Calibration Date: 04/26/2022 12:39

Instrument ID: A325 Calib Start Date: 04/19/2022 08:15

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 04/19/2022 10:48

Lab File ID: 0426202.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		0.9177		67.8	50.0	35.6*	20.0
Dichlorodifluoromethane	Ave	0.5553	0.6655		59.9	50.0	19.9	50.0
Chloromethane	Ave	1.355	1.559		57.5	50.0	15.0	20.0
Vinyl chloride	Ave	0.9352	0.9929		53.1	50.0	6.2	20.0
1,3-Butadiene	Ave	1.123	1.196		53.3	50.0	6.5	50.0
Ethylene oxide	Ave	0.3267	0.2556		196	250	-21.8	50.0
Bromomethane	Ave	0.4648	0.3698		39.8	50.0	-20.4*	20.0
Chloroethane	Ave	0.4953	0.4278		43.2	50.0	-13.6	20.0
Trichlorofluoromethane	Ave	1.059	1.040		49.1	50.0	-1.7	20.0
Acrolein	Lin1		0.1537		246	250	-1.6	50.0
1,1-Dichloroethene	Ave	0.4561	0.4749		52.1	50.0	4.1	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3233	0.3626		56.1	50.0	12.2	20.0
Acetone	Lin1		0.0832		252	250	0.9	50.0
Iodomethane (Methyl Iodide)	Lin1		0.3592		33.5	50.0	-33.1	50.0
Carbon disulfide	Lin1		1.603		57.0	50.0	14.0	20.0
Isopropyl alcohol	Lin1		0.0727		583	500	16.6	50.0
Allyl Chloride (3-Chloropropene)	Ave	0.2825	0.2984		52.8	50.0	5.6	20.0
Acetonitrile	Lin1		0.0990		521	500	4.2	20.0
Methyl acetate	Ave	0.9166	0.8684		94.7	100	-5.3	20.0
Methylene Chloride	Lin1		0.5378		52.5	50.0	5.0	50.0
tert-Butyl alcohol	Lin1		0.0971		518	500	3.6	20.0
trans-1,2-Dichloroethene	Ave	0.5360	0.5255		49.0	50.0	-2.0	20.0
Acrylonitrile	Ave	0.4793	0.4609		481	500	-3.8	50.0
MTBE	Ave	1.969	1.795		45.6	50.0	-8.8	20.0
n-Hexane	Lin1		1.442		57.0	50.0	14.0	20.0
1,1-Dichloroethane	Lin1		1.494		49.7	50.0	-0.6	20.0
Vinyl acetate	Lin1		3.085		250	250	0.1	50.0
Chloroprene	Lin1		1.619		46.7	50.0	-6.7	20.0
Isopropyl ether	Lin1		4.095		48.1	50.0	-3.7	20.0
Ethyl tert-butyl ether	Lin1		3.055		45.4	50.0	-9.1	20.0
2,2-Dichloropropane	Lin1		1.111		47.9	50.0	-4.3	20.0
cis-1,2-Dichloroethene	Ave	1.587	1.454		45.8	50.0	-8.4	20.0
2-Butanone	Lin1		0.0656		243	250	-2.7	50.0
Ethyl acetate	Lin1		1.212		92.7	100	-7.3	20.0
Propane Nitrile (Propionitrile)	Lin1		0.1768		485	500	-3.0	20.0
Bromochloromethane	Ave	0.4108	0.3805		46.3	50.0	-7.4	20.0
Methacrylonitrile	Lin1		0.2743		477	500	-4.7	20.0
Tetrahydrofuran	Lin1		0.4103		106	100	5.8	20.0
Chloroform	Lin1		1.157		47.8	50.0	-4.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Lab Sample ID: CCVIS 860-50170/2 Calibration Date: 04/26/2022 12:39

Instrument ID: A325 Calib Start Date: 04/19/2022 08:15

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 04/19/2022 10:48

Lab File ID: 0426202.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	Lin1		1.129		45.9	50.0	-8.2	20.0
Cyclohexane	Lin1		0.8558		55.2	50.0	10.4	20.0
Carbon tetrachloride	Ave	1.068	0.9230		43.2	50.0	-13.6	20.0
1,1-Dichloropropene	Lin1		0.8681		49.6	50.0	-0.8	20.0
Isobutanol	Lin1		0.0337		1405	1250	12.4	50.0
Benzene	Lin1		1.306		49.3	50.0	-1.3	20.0
1,2-Dichloroethane	Ave	0.8891	0.7446		41.9	50.0	-16.3	20.0
2,2,4-Trimethylpentane	Ave	2.171	1.907		43.9	50.0	-12.2	20.0
Tert-amyl methyl ether	Lin1		1.057		43.7	50.0	-12.6	20.0
n-Butanol	Lin1		0.0408		1434	1240	15.6	20.0
Trichloroethene	Ave	0.3589	0.3212		44.8	50.0	-10.5	20.0
Methylcyclohexane	Ave	0.5976	0.5644		47.2	50.0	-5.6	20.0
1,2-Dichloropropane	Lin1		0.5082		49.3	50.0	-1.3	20.0
Dibromomethane	Lin1		0.2326		46.0	50.0	-8.0	20.0
Methyl methacrylate	Lin1		0.2419		89.3	100	-10.7	50.0
1,4-Dioxane (P-Dioxane)	Ave	0.0030	0.0038		1276	1000	27.6	50.0
Bromodichloromethane	Ave	0.6572	0.5473		41.6	50.0	-16.7	20.0
2-Chloroethyl vinyl ether	Lin1		0.3193		43.7	50.0	-12.5	20.0
cis-1,3-Dichloropropene	Lin1		0.6181		45.9	50.0	-8.3	20.0
4-Methyl-2-pentanone	Lin1		0.6700		233	250	-6.7	50.0
Toluene	Lin1		0.8894		48.3	50.0	-3.5	20.0
trans-1,3-Dichloropropene	Ave	0.7778	0.6561		42.2	50.0	-15.6	20.0
Ethyl methacrylate	Lin1		0.5038		49.2	50.0	-1.6	50.0
1,1,2-Trichloroethane	Lin1		0.2811		49.9	50.0	-0.2	20.0
Tetrachloroethene	Ave	0.3020	0.2722		45.1	50.0	-9.9	20.0
1,3-Dichloropropane	Lin1		0.5869		48.3	50.0	-3.4	20.0
2-Hexanone	Lin1		0.5019		241	250	-3.6	50.0
Dibromochloromethane	Lin1		0.4084		44.8	50.0	-10.4	20.0
1,2-Dibromoethane	Lin1		0.3475		47.9	50.0	-4.2	20.0
1-Chlorohexane	Lin1		0.6814		47.1	50.0	-5.8	20.0
Chlorobenzene	Lin1		0.9632		48.4	50.0	-3.1	20.0
1,1,1,2-Tetrachloroethane	Lin1		0.3738		44.6	50.0	-10.7	20.0
Ethylbenzene	Lin1		1.792		47.7	50.0	-4.7	20.0
m,p-Xylenes	Lin1		1.434		47.5	50.0	-5.1	20.0
o-Xylene	Lin1		1.499		47.3	50.0	-5.3	20.0
Styrene	Lin1		1.057		46.4	50.0	-7.2	20.0
Bromoform	Ave	0.3179	0.2575		40.5	50.0	-19.0	20.0
Isopropylbenzene	Ave	1.918	1.709		44.6	50.0	-10.9	20.0
Cyclohexanone	Lin1		0.0322		3580	2500	43.2	50.0
Bromobenzene	Ave	0.9039	0.8079		44.7	50.0	-10.6	20.0
1,1,2,2-Tetrachloroethane	Lin1		0.8772		49.1	50.0	-1.7	20.0

FORM VII 8260C

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Lab Sample ID: CCVIS 860-50170/2 Calibration Date: 04/26/2022 12:39

Instrument ID: A325 Calib Start Date: 04/19/2022 08:15

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 04/19/2022 10:48

Lab File ID: 0426202.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
1,2,3-Trichloropropane	Lin1		1.108		47.7	50.0	-4.6	20.0
trans-1,4-Dichloro-2-butene	Ave	0.5301	0.4775		45.0	50.0	-9.9	50.0
N-Propylbenzene	Lin1		4.217		49.0	50.0	-2.1	20.0
2-Chlorotoluene	Lin1		2.985		48.2	50.0	-3.7	20.0
4-Ethyltoluene	Ave	3.962	3.389		42.8	50.0	-14.5	20.0
1,3,5-Trimethylbenzene	Lin1		2.916		47.9	50.0	-4.2	20.0
4-Chlorotoluene	Lin1		3.030		47.9	50.0	-4.1	20.0
tert-Butylbenzene	Ave	2.741	2.422		44.2	50.0	-11.6	20.0
1,2,4-Trimethylbenzene	Ave	3.354	3.010		44.9	50.0	-10.3	20.0
sec-Butylbenzene	Ave	3.899	3.558		45.6	50.0	-8.8	20.0
1,3-Dichlorobenzene	Lin1		1.518		48.3	50.0	-3.5	20.0
p-Cymene (p-Isopropyltoluene)	Ave	3.464	3.074		44.4	50.0	-11.3	20.0
1,4-Dichlorobenzene	Lin1		1.519		48.3	50.0	-3.3	20.0
Dicyclopentadiene	Lin1		4.408		50.2	50.0	0.4	20.0
Benzyl chloride	Lin1		0.3577		46.5	50.0	-7.1	20.0
n-Butylbenzene	Ave	3.302	3.003		45.5	50.0	-9.0	20.0
1,2-Dichlorobenzene	Lin1		1.443		48.2	50.0	-3.7	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1857	0.1583		42.6	50.0	-14.8	50.0
1,2,4-Trichlorobenzene	Ave	0.9815	0.8621		43.9	50.0	-12.2	20.0
Hexachlorobutadiene	Ave	0.4776	0.4058		42.5	50.0	-15.0	50.0
Naphthalene	Ave	2.249	1.926		42.8	50.0	-14.4	20.0
1,2,3-Trichlorobenzene	Ave	0.7989	0.6785		42.5	50.0	-15.1	20.0
2-Methylnaphthalene	Ave	0.7239	0.5571		38.5	50.0	-23.0*	20.0
1-Methylnaphthalene	Ave	0.5622	0.4315		38.4	50.0	-23.2*	20.0
Dibromofluoromethane (Surr)	Ave	0.5892	0.5967		50.6	50.0	1.3	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.6175	0.5693		46.1	50.0	-7.8	20.0
Toluene-d8 (Surr)	Ave	1.363	1.368		50.2	50.0	0.4	20.0
4-Bromofluorobenzene (Surr)	Ave	1.128	1.111		49.3	50.0	-1.5	20.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 860-49900/11

Matrix: Water Lab File ID: E04222212.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 04/22/2022 11:01

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.: 49900 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	0.001021		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)	105		74-124
1868-53-7	Dibromofluoromethane (Surr)	108		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 Houston Job No.: 860-24865-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 860-50170/10

Matrix: Water Lab File ID: 0426210.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 04/26/2022 15:42

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.: 50170 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)	100		74-124
1868-53-7	Dibromofluoromethane (Surr)	99		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		63-144
2037-26-5	Toluene-d8 (Surr)	102		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 860-50183/7

Matrix: Water Lab File ID: J04252207.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 04/25/2022 10:59

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.: 50183 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	0.000500	U	0.00100	0.000500

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	97		74-124
1868-53-7	Dibromofluoromethane (Surr)	98		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	84		63-144
2037-26-5	Toluene-d8 (Surr)	100		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 860-50353/7

Matrix: Water Lab File ID: J04262207.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 04/26/2022 11:01

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.: 50353 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)	92		74-124
1868-53-7	Dibromofluoromethane (Surr)	97		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	86		63-144
2037-26-5	Toluene-d8 (Surr)	99		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 860-49900/3

Matrix: Water Lab File ID: E04222204.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 04/22/2022 08:17

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.: 49900 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.04957		0.00100	0.000216
71-43-2	Benzene	0.05116		0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.05499		0.00100	0.000244
127-18-4	Tetrachloroethene	0.04888		0.00100	0.000500
91-20-3	Naphthalene	0.04901		0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	105		74-124
1868-53-7	Dibromofluoromethane (Surr)	108		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		63-144
2037-26-5	Toluene-d8 (Surr)	102		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 860-50170/3

Matrix: Water Lab File ID: 0426203.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 04/26/2022 13:17

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.: 50170 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.05370		0.00100	0.000216
71-43-2	Benzene	0.05056		0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.05087		0.00100	0.000244
127-18-4	Tetrachloroethene	0.04655		0.00100	0.000500
91-20-3	Naphthalene	0.04337		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)	92		63-144
2037-26-5	Toluene-d8 (Surr)	100		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 860-50183/3

Matrix: Water Lab File ID: J04252203.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 04/25/2022 09:37

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.: 50183 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	0.04689		0.00100	0.000500

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	86		74-124
1868-53-7	Dibromofluoromethane (Surr)	95		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		63-144
2037-26-5	Toluene-d8 (Surr)	97		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 860-50353/3

Matrix: Water Lab File ID: J04262203.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 04/26/2022 09:40

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.: 50353 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.04780		0.00100	0.000216
71-43-2	Benzene	0.05440		0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.05480		0.00100	0.000244
127-18-4	Tetrachloroethene	0.04894		0.00100	0.000500

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	87		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)	99		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 860-49900/4

Matrix: Water Lab File ID: E04222205.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 04/22/2022 08:37

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.: 49900 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.04957		0.00100	0.000216
71-43-2	Benzene	0.05031		0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.05468		0.00100	0.000244
127-18-4	Tetrachloroethene	0.04851		0.00100	0.000500
91-20-3	Naphthalene	0.05332		0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	104		74-124
1868-53-7	Dibromofluoromethane (Surr)	109		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		63-144
2037-26-5	Toluene-d8 (Surr)	102		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 860-50170/4

Matrix: Water Lab File ID: 0426204.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 04/26/2022 13:37

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.: 50170 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.05285		0.00100	0.000216
71-43-2	Benzene	0.04941		0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.04969		0.00100	0.000244
127-18-4	Tetrachloroethene	0.04563		0.00100	0.000500
91-20-3	Naphthalene	0.04526		0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	98		74-124
1868-53-7	Dibromofluoromethane (Surr)	100		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		63-144
2037-26-5	Toluene-d8 (Surr)	99		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 860-50183/4

Matrix: Water Lab File ID: J04252204.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 04/25/2022 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.: 50183 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	0.04466		0.00100	0.000500

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	89		74-124
1868-53-7	Dibromofluoromethane (Surr)	96		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		63-144
2037-26-5	Toluene-d8 (Surr)	97		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 860-50353/4

Matrix: Water Lab File ID: J04262204.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 04/26/2022 10:00

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.: 50353 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.03966		0.00100	0.000216
71-43-2	Benzene	0.04999		0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.05065		0.00100	0.000244
127-18-4	Tetrachloroethene	0.04412		0.00100	0.000500

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	89		74-124
1868-53-7	Dibromofluoromethane (Surr)	95		75-131
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		63-144
2037-26-5	Toluene-d8 (Surr)	97		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Client Sample ID: Artesia-MW36-04192022 MS Lab Sample ID: 860-24865-14 MS

Matrix: Water Lab File ID: E04222206.D

Analysis Method: 8260C Date Collected: 04/19/2022 12:25

Sample wt/vol: 5(mL) Date Analyzed: 04/22/2022 08:58

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.: 49900 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.06115		0.00100	0.000216
71-43-2	Benzene	0.06027		0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.08462		0.00100	0.000244
127-18-4	Tetrachloroethene	0.06641		0.00100	0.000500
91-20-3	Naphthalene	0.05475		0.0100	0.00200

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	105		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)	102		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Client Sample ID: Artesia-MW36-04192022 MSD Lab Sample ID: 860-24865-14 MSD

Matrix: Water Lab File ID: E04222207.D

Analysis Method: 8260C Date Collected: 04/19/2022 12:25

Sample wt/vol: 5(mL) Date Analyzed: 04/22/2022 09:18

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.: 49900 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.06363		0.00100	0.000216
71-43-2	Benzene	0.06150		0.00100	0.000214
75-34-3	1,1-Dichloroethane	0.08575		0.00100	0.000244
127-18-4	Tetrachloroethene	0.06665		0.00100	0.000500
91-20-3	Naphthalene	0.05718		0.0100	0.00200

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)	113		63-144
2037-26-5	Toluene-d8 (Surr)	102		80-117

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Instrument ID: A131 Start Date: 04/18/2022 16:28

Analysis Batch Number: 49306 End Date: 04/19/2022 02:10

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 860-49306/1		04/18/2022 16:28	1	J04182221.D	DB-624 0.25(mm)
IC 860-49306/2		04/18/2022 17:09	1	J04182223.D	DB-624 0.25(mm)
IC 860-49306/3		04/18/2022 17:30	1	J04182224.D	DB-624 0.25(mm)
IC 860-49306/4		04/18/2022 17:50	1	J04182225.D	DB-624 0.25(mm)
IC 860-49306/5		04/18/2022 18:10	1	J04182226.D	DB-624 0.25(mm)
ICIS 860-49306/6		04/18/2022 18:39	1	J04182227.D	DB-624 0.25(mm)
IC 860-49306/7		04/18/2022 18:59	1	J04182228.D	DB-624 0.25(mm)
IC 860-49306/8		04/18/2022 19:20	1	J04182229.D	DB-624 0.25(mm)
ICV 860-49306/10		04/18/2022 20:01	1	J04182231.D	DB-624 0.25(mm)
ZZZZZ		04/18/2022 20:01	1		DB-624 0.25(mm)
ZZZZZ		04/18/2022 20:21	1		DB-624 0.25(mm)
ZZZZZ		04/18/2022 21:43	1		DB-624 0.25(mm)
ZZZZZ		04/18/2022 23:46	1		DB-624 0.25(mm)
ZZZZZ		04/19/2022 00:07	1		DB-624 0.25(mm)
ZZZZZ		04/19/2022 00:27	1		DB-624 0.25(mm)
ZZZZZ		04/19/2022 00:48	1		DB-624 0.25(mm)
ZZZZZ		04/19/2022 01:08	1		DB-624 0.25(mm)
ZZZZZ		04/19/2022 01:29	1		DB-624 0.25(mm)
ZZZZZ		04/19/2022 01:49	1		DB-624 0.25(mm)
ZZZZZ		04/19/2022 02:10	1		DB-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Instrument ID: A131 Start Date: 04/20/2022 16:20

Analysis Batch Number: 49663 End Date: 04/21/2022 04:17

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 860-49663/1		04/20/2022 16:20	1	J04202215.D	DB-624 0.25(mm)
IC 860-49663/2		04/20/2022 16:40	1	J04202216.D	DB-624 0.25(mm)
IC 860-49663/3		04/20/2022 17:01	1	J04202217.D	DB-624 0.25(mm)
IC 860-49663/4		04/20/2022 17:21	1	J04202218.D	DB-624 0.25(mm)
IC 860-49663/5		04/20/2022 17:42	1	J04202219.D	DB-624 0.25(mm)
IC 860-49663/6		04/20/2022 18:02	1	J04202220.D	DB-624 0.25(mm)
IC 860-49663/7		04/20/2022 18:23	1	J04202221.D	DB-624 0.25(mm)
IC 860-49663/8		04/20/2022 18:43	1	J04202222.D	DB-624 0.25(mm)
ICV 860-49663/10		04/20/2022 19:24	1		DB-624 0.25(mm)
ZZZZZ		04/20/2022 19:24	1		DB-624 0.25(mm)
ZZZZZ		04/20/2022 19:45	1		DB-624 0.25(mm)
CCVIS 860-49663/12		04/20/2022 20:26	1		DB-624 0.25(mm)
ZZZZZ		04/20/2022 20:46	1		DB-624 0.25(mm)
ZZZZZ		04/20/2022 21:07	1		DB-624 0.25(mm)
ZZZZZ		04/20/2022 21:27	1		DB-624 0.25(mm)
ZZZZZ		04/20/2022 22:29	1		DB-624 0.25(mm)
ZZZZZ		04/20/2022 22:49	1		DB-624 0.25(mm)
ZZZZZ		04/20/2022 23:10	1		DB-624 0.25(mm)
ZZZZZ		04/20/2022 23:30	1		DB-624 0.25(mm)
ZZZZZ		04/20/2022 23:51	1		DB-624 0.25(mm)
ZZZZZ		04/21/2022 00:11	1		DB-624 0.25(mm)
ZZZZZ		04/21/2022 00:32	1		DB-624 0.25(mm)
ZZZZZ		04/21/2022 00:52	1		DB-624 0.25(mm)
ZZZZZ		04/21/2022 01:13	10		DB-624 0.25(mm)
ZZZZZ		04/21/2022 01:33	1		DB-624 0.25(mm)
ZZZZZ		04/21/2022 01:54	1		DB-624 0.25(mm)
ZZZZZ		04/21/2022 02:14	1		DB-624 0.25(mm)
ZZZZZ		04/21/2022 02:35	10		DB-624 0.25(mm)
ZZZZZ		04/21/2022 02:55	1		DB-624 0.25(mm)
ZZZZZ		04/21/2022 03:16	5		DB-624 0.25(mm)
ZZZZZ		04/21/2022 03:36	1		DB-624 0.25(mm)
ZZZZZ		04/21/2022 03:57	1		DB-624 0.25(mm)
ZZZZZ		04/21/2022 04:17	10		DB-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Instrument ID: A131 Start Date: 04/25/2022 08:53

Analysis Batch Number: 50183 End Date: 04/25/2022 18:06

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 860-50183/1		04/25/2022 08:53	1	J04252201.D	DB-624 0.25(mm)
CCVIS 860-50183/2		04/25/2022 09:14	1	J04252202.D	DB-624 0.25(mm)
LCS 860-50183/3		04/25/2022 09:37	1	J04252203.D	DB-624 0.25(mm)
LCSD 860-50183/4		04/25/2022 09:57	1	J04252204.D	DB-624 0.25(mm)
ZZZZZ		04/25/2022 10:18	1		DB-624 0.25(mm)
MB 860-50183/7		04/25/2022 10:59	1	J04252207.D	DB-624 0.25(mm)
ZZZZZ		04/25/2022 11:22	1		DB-624 0.25(mm)
860-24865-2 RA	Artesia-Inlet-04192022 RA	04/25/2022 11:57	1	J04252209.D	DB-624 0.25(mm)
860-24865-3 RA	Artesia-MID-04192022 RA	04/25/2022 12:18	1	J04252210.D	DB-624 0.25(mm)
860-24865-4 RA	Artesia-Outlet-04192022 RA	04/25/2022 12:38	1	J04252211.D	DB-624 0.25(mm)
860-24865-5 RA	Artesia-MW40-04192022 RA	04/25/2022 12:59	1	J04252212.D	DB-624 0.25(mm)
860-24865-6 RA	Artesia-MW39-04192022 RA	04/25/2022 13:19	1	J04252213.D	DB-624 0.25(mm)
860-24865-9 RA	Artesia-MW28-04192022 RA	04/25/2022 13:40	1	J04252214.D	DB-624 0.25(mm)
860-24865-10 RA	Artesia-MW31-04192022 RA	04/25/2022 14:00	1	J04252215.D	DB-624 0.25(mm)
860-24865-11 RA	Artesia-MW30-04192022 RA	04/25/2022 14:20	1	J04252216.D	DB-624 0.25(mm)
860-24865-12 RA	Artesia-MD30-04192022 RA	04/25/2022 14:41	1	J04252217.D	DB-624 0.25(mm)
860-24865-15 RA	Artesia-MW38-04192022 RA	04/25/2022 15:01	1	J04252218.D	DB-624 0.25(mm)
860-24865-16 RA	Artesia-MW37-04192022 RA	04/25/2022 15:22	1	J04252219.D	DB-624 0.25(mm)
860-24865-17 RA	Artesia-MW17C-04192022 RA	04/25/2022 15:42	1	J04252220.D	DB-624 0.25(mm)
860-24865-18 RA	Artesia-MW11-04192022 RA	04/25/2022 16:03	1	J04252221.D	DB-624 0.25(mm)
860-24865-19 RA	Artesia-MD11-04192022 RA	04/25/2022 16:23	1	J04252222.D	DB-624 0.25(mm)
860-24865-20 RA	Artesia-MW12-04192022 RA	04/25/2022 16:44	1	J04252223.D	DB-624 0.25(mm)
ZZZZZ		04/25/2022 17:04	1		DB-624 0.25(mm)
ZZZZZ		04/25/2022 17:25	1		DB-624 0.25(mm)
ZZZZZ		04/25/2022 17:45	1		DB-624 0.25(mm)
ZZZZZ		04/25/2022 18:06	200		DB-624 0.25(mm)

8260C

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Instrument ID: A131 Start Date: 04/26/2022 08:46

Analysis Batch Number: 50353 End Date: 04/26/2022 18:12

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 860-50353/1		04/26/2022 08:46	1	J04262201.D	DB-624 0.25(mm)
CCVIS 860-50353/2		04/26/2022 09:07	1	J04262202.D	DB-624 0.25(mm)
LCS 860-50353/3		04/26/2022 09:40	1	J04262203.D	DB-624 0.25(mm)
LCSD 860-50353/4		04/26/2022 10:00	1	J04262204.D	DB-624 0.25(mm)
ZZZZZ		04/26/2022 10:21	1		DB-624 0.25(mm)
MB 860-50353/7		04/26/2022 11:01	1	J04262207.D	DB-624 0.25(mm)
ZZZZZ		04/26/2022 11:22	1		DB-624 0.25(mm)
ZZZZZ		04/26/2022 11:42	1		DB-624 0.25(mm)
ZZZZZ		04/26/2022 12:03	200		DB-624 0.25(mm)
ZZZZZ		04/26/2022 12:23	1		DB-624 0.25(mm)
ZZZZZ		04/26/2022 12:44	200		DB-624 0.25(mm)
ZZZZZ		04/26/2022 13:04	500		DB-624 0.25(mm)
ZZZZZ		04/26/2022 13:25	10000		DB-624 0.25(mm)
ZZZZZ		04/26/2022 13:45	1		DB-624 0.25(mm)
ZZZZZ		04/26/2022 14:06	1		DB-624 0.25(mm)
860-24865-14 RA	Artesia-MW36-04192022 RA	04/26/2022 14:26	1	J04262217.D	DB-624 0.25(mm)
ZZZZZ		04/26/2022 14:47	20		DB-624 0.25(mm)
ZZZZZ		04/26/2022 15:07	1		DB-624 0.25(mm)
ZZZZZ		04/26/2022 15:28	1		DB-624 0.25(mm)
ZZZZZ		04/26/2022 15:48	1		DB-624 0.25(mm)
ZZZZZ		04/26/2022 16:09	1		DB-624 0.25(mm)
ZZZZZ		04/26/2022 16:29	1		DB-624 0.25(mm)
ZZZZZ		04/26/2022 16:50	1		DB-624 0.25(mm)
ZZZZZ		04/26/2022 17:10	1		DB-624 0.25(mm)
ZZZZZ		04/26/2022 17:31	20		DB-624 0.25(mm)
ZZZZZ		04/26/2022 17:51	20		DB-624 0.25(mm)
ZZZZZ		04/26/2022 18:12	20		DB-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Instrument ID: A292 Start Date: 03/31/2022 08:45

Analysis Batch Number: 47061 End Date: 03/31/2022 21:24

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 860-47061/1		03/31/2022 08:45	1	E03312206.D	DB-624 0.25(mm)
IC 860-47061/2		03/31/2022 09:06	1	E03312207.D	DB-624 0.25(mm)
IC 860-47061/3		03/31/2022 09:26	1	E03312208.D	DB-624 0.25(mm)
IC 860-47061/4		03/31/2022 09:47	1	E03312209.D	DB-624 0.25(mm)
IC 860-47061/5		03/31/2022 10:07	1	E03312210.D	DB-624 0.25(mm)
ICIS 860-47061/6		03/31/2022 10:28	1	E03312211.D	DB-624 0.25(mm)
IC 860-47061/7		03/31/2022 11:09	1	E03312213.D	DB-624 0.25(mm)
IC 860-47061/8		03/31/2022 11:50	1	E03312215.D	DB-624 0.25(mm)
ICV 860-47061/10		03/31/2022 12:51	1	E03312218.D	DB-624 0.25(mm)
ZZZZZ		03/31/2022 12:51	1		DB-624 0.25(mm)
ZZZZZ		03/31/2022 13:12	1		DB-624 0.25(mm)
ZZZZZ		03/31/2022 13:32	1		DB-624 0.25(mm)
ZZZZZ		03/31/2022 13:53	50		DB-624 0.25(mm)
ZZZZZ		03/31/2022 15:15	1		DB-624 0.25(mm)
ZZZZZ		03/31/2022 15:35	5		DB-624 0.25(mm)
ZZZZZ		03/31/2022 15:56	1		DB-624 0.25(mm)
ZZZZZ		03/31/2022 16:16	50		DB-624 0.25(mm)
ZZZZZ		03/31/2022 16:37	1		DB-624 0.25(mm)
ZZZZZ		03/31/2022 16:57	1		DB-624 0.25(mm)
ZZZZZ		03/31/2022 17:18	1		DB-624 0.25(mm)
ZZZZZ		03/31/2022 17:39	1		DB-624 0.25(mm)
ZZZZZ		03/31/2022 17:59	1		DB-624 0.25(mm)
ZZZZZ		03/31/2022 18:20	1		DB-624 0.25(mm)
ZZZZZ		03/31/2022 18:40	5		DB-624 0.25(mm)
ZZZZZ		03/31/2022 19:01	50		DB-624 0.25(mm)
ZZZZZ		03/31/2022 19:21	50		DB-624 0.25(mm)
ZZZZZ		03/31/2022 19:42	50		DB-624 0.25(mm)
ZZZZZ		03/31/2022 20:02	50		DB-624 0.25(mm)
ZZZZZ		03/31/2022 20:23	50		DB-624 0.25(mm)
ZZZZZ		03/31/2022 20:43	50		DB-624 0.25(mm)
ZZZZZ		03/31/2022 21:04	50		DB-624 0.25(mm)
ZZZZZ		03/31/2022 21:24	100		DB-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Instrument ID: A292 Start Date: 04/22/2022 07:16

Analysis Batch Number: 49900 End Date: 04/22/2022 17:51

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 860-49900/1		04/22/2022 07:16	1	E04222202.D	DB-624 0.25(mm)
CCVIS 860-49900/2		04/22/2022 07:55	1	E04222203.D	DB-624 0.25(mm)
LCS 860-49900/3		04/22/2022 08:17	1	E04222204.D	DB-624 0.25(mm)
LCSD 860-49900/4		04/22/2022 08:37	1	E04222205.D	DB-624 0.25(mm)
860-24865-14 MS	Artesia-MW36-04192022 MS	04/22/2022 08:58	1	E04222206.D	DB-624 0.25(mm)
860-24865-14 MSD	Artesia-MW36-04192022 MSD	04/22/2022 09:18	1	E04222207.D	DB-624 0.25(mm)
MB 860-49900/11		04/22/2022 11:01	1	E04222212.D	DB-624 0.25(mm)
860-24865-14	Artesia-MW36-04192022	04/22/2022 11:21	1	E04222213.D	DB-624 0.25(mm)
860-24865-2	Artesia-Inlet-04192022	04/22/2022 11:42	1	E04222214.D	DB-624 0.25(mm)
860-24865-3	Artesia-MID-04192022	04/22/2022 12:02	1	E04222215.D	DB-624 0.25(mm)
860-24865-4	Artesia-Outlet-04192022	04/22/2022 12:23	1	E04222216.D	DB-624 0.25(mm)
860-24865-5	Artesia-MW40-04192022	04/22/2022 12:43	1	E04222217.D	DB-624 0.25(mm)
860-24865-6	Artesia-MW39-04192022	04/22/2022 13:04	1	E04222218.D	DB-624 0.25(mm)
860-24865-7	Artesia-MW35-04192022	04/22/2022 13:24	1	E04222219.D	DB-624 0.25(mm)
860-24865-8	Artesia-MW29-04192022	04/22/2022 13:45	1	E04222220.D	DB-624 0.25(mm)
860-24865-9	Artesia-MW28-04192022	04/22/2022 14:05	1	E04222221.D	DB-624 0.25(mm)
860-24865-10	Artesia-MW31-04192022	04/22/2022 14:26	1	E04222222.D	DB-624 0.25(mm)
860-24865-11	Artesia-MW30-04192022	04/22/2022 14:46	1	E04222223.D	DB-624 0.25(mm)
860-24865-12	Artesia-MD30-04192022	04/22/2022 15:07	1	E04222224.D	DB-624 0.25(mm)
860-24865-15	Artesia-MW38-04192022	04/22/2022 15:27	1	E04222225.D	DB-624 0.25(mm)
860-24865-16	Artesia-MW37-04192022	04/22/2022 15:48	1	E04222226.D	DB-624 0.25(mm)
860-24865-17	Artesia-MW17C-04192022	04/22/2022 16:08	1	E04222227.D	DB-624 0.25(mm)
860-24865-18	Artesia-MW11-04192022	04/22/2022 16:29	1	E04222228.D	DB-624 0.25(mm)
860-24865-19	Artesia-MD11-04192022	04/22/2022 16:49	1	E04222229.D	DB-624 0.25(mm)
860-24865-20	Artesia-MW12-04192022	04/22/2022 17:10	1	E04222230.D	DB-624 0.25(mm)
ZZZZZ		04/22/2022 17:30	1		DB-624 0.25(mm)
ZZZZZ		04/22/2022 17:51	20		DB-624 0.25(mm)

8260C

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Instrument ID: A325 Start Date: 04/19/2022 07:11

Analysis Batch Number: 49353 End Date: 04/19/2022 19:08

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 860-49353/2		04/19/2022 07:11	1	04192202.D	DB-624 0.25(mm)
IC 860-49353/3		04/19/2022 08:15	1	04192204.D	DB-624 0.25(mm)
IC 860-49353/4		04/19/2022 09:06	1	04192205.D	DB-624 0.25(mm)
IC 860-49353/5		04/19/2022 09:26	1	04192206.D	DB-624 0.25(mm)
IC 860-49353/6		04/19/2022 09:47	1	04192207.D	DB-624 0.25(mm)
ICIS 860-49353/7		04/19/2022 10:07	1	04192208.D	DB-624 0.25(mm)
IC 860-49353/8		04/19/2022 10:28	1	04192209.D	DB-624 0.25(mm)
IC 860-49353/9		04/19/2022 10:48	1	04192210.D	DB-624 0.25(mm)
ICV 860-49353/11		04/19/2022 11:29	1	04192212.D	DB-624 0.25(mm)
ZZZZZ		04/19/2022 11:29	1		DB-624 0.25(mm)
ZZZZZ		04/19/2022 12:14	1		DB-624 0.25(mm)
ZZZZZ		04/19/2022 12:39	1		DB-624 0.25(mm)
ZZZZZ		04/19/2022 12:39	1		DB-624 0.25(mm)
ZZZZZ		04/19/2022 12:59	1		DB-624 0.25(mm)
ZZZZZ		04/19/2022 14:21	1		DB-624 0.25(mm)
ZZZZZ		04/19/2022 14:42	1		DB-624 0.25(mm)
ZZZZZ		04/19/2022 15:02	1		DB-624 0.25(mm)
ZZZZZ		04/19/2022 15:23	1		DB-624 0.25(mm)
ZZZZZ		04/19/2022 15:43	1		DB-624 0.25(mm)
ZZZZZ		04/19/2022 16:04	1		DB-624 0.25(mm)
ZZZZZ		04/19/2022 16:24	1		DB-624 0.25(mm)
ZZZZZ		04/19/2022 16:45	1		DB-624 0.25(mm)
ZZZZZ		04/19/2022 17:05	1		DB-624 0.25(mm)
ZZZZZ		04/19/2022 17:26	1		DB-624 0.25(mm)
ZZZZZ		04/19/2022 17:46	1		DB-624 0.25(mm)
ZZZZZ		04/19/2022 18:07	1		DB-624 0.25(mm)
ZZZZZ		04/19/2022 18:27	10		DB-624 0.25(mm)
ZZZZZ		04/19/2022 18:48	10		DB-624 0.25(mm)
ZZZZZ		04/19/2022 19:08	100		DB-624 0.25(mm)

8260C

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Instrument ID: A325 Start Date: 04/26/2022 12:18

Analysis Batch Number: 50170 End Date: 04/26/2022 22:32

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 860-50170/1		04/26/2022 12:18	1	0426201.D	DB-624 0.25(mm)
CCVIS 860-50170/2		04/26/2022 12:39	1	0426202.D	DB-624 0.25(mm)
LCS 860-50170/3		04/26/2022 13:17	1	0426203.D	DB-624 0.25(mm)
LCSD 860-50170/4		04/26/2022 13:37	1	0426204.D	DB-624 0.25(mm)
ZZZZZ		04/26/2022 14:00	1		DB-624 0.25(mm)
ZZZZZ		04/26/2022 14:20	1		DB-624 0.25(mm)
MB 860-50170/10		04/26/2022 15:42	1	0426210.D	DB-624 0.25(mm)
860-24865-1	Artesia-TB01-04192022	04/26/2022 16:03	1	0426211.D	DB-624 0.25(mm)
860-24865-13	Artesia-TB02-04192022	04/26/2022 16:23	1	0426212.D	DB-624 0.25(mm)
ZZZZZ		04/26/2022 16:44	1		DB-624 0.25(mm)
ZZZZZ		04/26/2022 17:04	50		DB-624 0.25(mm)
ZZZZZ		04/26/2022 17:25	1		DB-624 0.25(mm)
ZZZZZ		04/26/2022 17:45	1		DB-624 0.25(mm)
ZZZZZ		04/26/2022 18:06	1		DB-624 0.25(mm)
ZZZZZ		04/26/2022 18:26	1		DB-624 0.25(mm)
ZZZZZ		04/26/2022 18:47	1		DB-624 0.25(mm)
ZZZZZ		04/26/2022 19:07	1		DB-624 0.25(mm)
ZZZZZ		04/26/2022 19:28	1		DB-624 0.25(mm)
ZZZZZ		04/26/2022 19:48	1		DB-624 0.25(mm)
ZZZZZ		04/26/2022 20:09	1		DB-624 0.25(mm)
ZZZZZ		04/26/2022 20:29	1		DB-624 0.25(mm)
ZZZZZ		04/26/2022 20:50	1		DB-624 0.25(mm)
ZZZZZ		04/26/2022 21:10	1		DB-624 0.25(mm)
ZZZZZ		04/26/2022 21:31	1		DB-624 0.25(mm)
ZZZZZ		04/26/2022 21:51	1		DB-624 0.25(mm)
ZZZZZ		04/26/2022 22:12	10		DB-624 0.25(mm)
ZZZZZ		04/26/2022 22:32	50		DB-624 0.25(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Batch Number: 47061 Batch Start Date: 03/31/22 08:45 Batch Analyst: Alves, Nathalie

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	VM8260GASLCS 00022	VM8260GASSTD 00032	VM8260ISSS50 00010	VM8260LCS 00029
BFB 860-47061/1		8260C		5 mL	5 mL			5 uL	
IC 860-47061/2		8260C		5 mL	5 mL		0.8 uL	5 uL	
IC 860-47061/3		8260C		5 mL	5 mL		4 uL	5 uL	
IC 860-47061/4		8260C		5 mL	5 mL		8 uL	5 uL	
IC 860-47061/5		8260C		5 mL	5 mL		20 uL	5 uL	
ICIS 860-47061/6		8260C		5 mL	5 mL		40 uL	5 uL	
IC 860-47061/7		8260C		5 mL	5 mL		80 uL	5 uL	
IC 860-47061/8		8260C		5 mL	5 mL		120 uL	5 uL	
ICV 860-47061/10		8260C		5 mL	5 mL	40 uL		5 uL	40 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	VM8260STD 00058	VMaMeStyWLcs 00003	VMaMeStyWStd 00002			
BFB 860-47061/1		8260C							
IC 860-47061/2		8260C		0.8 uL		0.8 uL			
IC 860-47061/3		8260C		4 uL		4 uL			
IC 860-47061/4		8260C		8 uL		8 uL			
IC 860-47061/5		8260C		20 uL		20 uL			
ICIS 860-47061/6		8260C		40 uL		40 uL			
IC 860-47061/7		8260C		80 uL		80 uL			
IC 860-47061/8		8260C		120 uL		120 uL			
ICV 860-47061/10		8260C			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 Houston Job No.: 860-24865-1

SDG No.:

Batch Number: 49306 Batch Start Date: 04/18/22 16:28 Batch Analyst: Ngo, Anh

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	VM8260ISSS50 00012	VM8260lcsSHRT 00003	VM8260SHORT 00006	VMGASlcsShort 00002
BFB 860-49306/1		8260C		5 mL	5 mL	5 uL			
IC 860-49306/2		8260C		5 mL	5 mL	5 uL		0.8 uL	
IC 860-49306/3		8260C		5 mL	5 mL	5 uL		4 uL	
IC 860-49306/4		8260C		5 mL	5 mL	5 uL		8 uL	
IC 860-49306/5		8260C		5 mL	5 mL	5 uL		20 uL	
ICIS 860-49306/6		8260C		5 mL	5 mL	5 uL		40 uL	
IC 860-49306/7		8260C		5 mL	5 mL	5 uL		80 uL	
IC 860-49306/8		8260C		5 mL	5 mL	5 uL		120 uL	
ICV 860-49306/10		8260C		5 mL	5 mL	5 uL	40 uL		40 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	VMGASShort 00002					
BFB 860-49306/1		8260C							
IC 860-49306/2		8260C		0.8 uL					
IC 860-49306/3		8260C		4 uL					
IC 860-49306/4		8260C		8 uL					
IC 860-49306/5		8260C		20 uL					
ICIS 860-49306/6		8260C		40 uL					
IC 860-49306/7		8260C		80 uL					
IC 860-49306/8		8260C		120 uL					
ICV 860-49306/10		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 Houston Job No.: 860-24865-1

SDG No.:

Batch Number: 49353 Batch Start Date: 04/19/22 07:11 Batch Analyst: Dang, Tram T

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	VM8260GASLCS 00020	VM8260GASSTD 00030	VM8260ISSS50 00011	VM8260LCS 00027
BFB 860-49353/2		8260C		5 mL	5 mL			5 uL	
IC 860-49353/3		8260C		5 mL	5 mL		0.8 uL	5 uL	
IC 860-49353/4		8260C		5 mL	5 mL		4 uL	5 uL	
IC 860-49353/5		8260C		5 mL	5 mL		8 uL	5 uL	
IC 860-49353/6		8260C		5 mL	5 mL		20 uL	5 uL	
ICIS 860-49353/7		8260C		5 mL	5 mL		40 uL	5 uL	
IC 860-49353/8		8260C		5 mL	5 mL		80 uL	5 uL	
IC 860-49353/9		8260C		5 mL	5 mL		120 uL	5 uL	
ICV 860-49353/11		8260C		5 mL	5 mL	40 uL		5 uL	40 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	VM8260STD 00061					
BFB 860-49353/2		8260C							
IC 860-49353/3		8260C		0.8 uL					
IC 860-49353/4		8260C		4 uL					
IC 860-49353/5		8260C		8 uL					
IC 860-49353/6		8260C		20 uL					
ICIS 860-49353/7		8260C		40 uL					
IC 860-49353/8		8260C		80 uL					
IC 860-49353/9		8260C		120 uL					
ICV 860-49353/11		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 Houston Job No.: 860-24865-1

SDG No.:

Batch Number: 49900 Batch Start Date: 04/22/22 07:16 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 00022	VM8260GASSTD 00034	VM8260ISSS50 00011
BFB 860-49900/1		8260C		5 mL	5 mL				5 uL
CCVIS 860-49900/2		8260C		5 mL	5 mL			40 uL	5 uL
LCS 860-49900/3		8260C		5 mL	5 mL		40 uL		5 uL
LCSD 860-49900/4		8260C		5 mL	5 mL		40 uL		5 uL
860-24865-B-14 MS	Artesia-MW36-041 92022	8260C	T	5 mL	5 mL		40 uL		5 uL
860-24865-B-14 MSD	Artesia-MW36-041 92022	8260C	T	5 mL	5 mL		40 uL		5 uL
MB 860-49900/11		8260C		5 mL	5 mL				5 uL
860-24865-C-14	Artesia-MW36-041 92022	8260C	T	5 mL	5 mL	2 SU			5 uL
860-24865-C-2	Artesia-Inlet-04 192022	8260C	T	5 mL	5 mL	2 SU			5 uL
860-24865-C-3	Artesia-MID-0419 2022	8260C	T	5 mL	5 mL	2 SU			5 uL
860-24865-C-4	Artesia-Outlet-0 4192022	8260C	T	5 mL	5 mL	2 SU			5 uL
860-24865-C-5	Artesia-MW40-041 92022	8260C	T	5 mL	5 mL	2 SU			5 uL
860-24865-C-6	Artesia-MW39-041 92022	8260C	T	5 mL	5 mL	2 SU			5 uL
860-24865-C-7	Artesia-MW35-041 92022	8260C	T	5 mL	5 mL	2 SU			5 uL
860-24865-C-8	Artesia-MW29-041 92022	8260C	T	5 mL	5 mL	2 SU			5 uL
860-24865-C-9	Artesia-MW28-041 92022	8260C	T	5 mL	5 mL	2 SU			5 uL
860-24865-C-10	Artesia-MW31-041 92022	8260C	T	5 mL	5 mL	2 SU			5 uL
860-24865-C-11	Artesia-MW30-041 92022	8260C	T	5 mL	5 mL	2 SU			5 uL
860-24865-C-12	Artesia-MD30-041 92022	8260C	T	5 mL	5 mL	2 SU			5 uL
860-24865-C-15	Artesia-MW38-041 92022	8260C	T	5 mL	5 mL	2 SU			5 uL
860-24865-C-16	Artesia-MW37-041 92022	8260C	T	5 mL	5 mL	2 SU			5 uL
860-24865-C-17	Artesia-MW17C-04 192022	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 Houston Job No.: 860-24865-1

SDG No.:

Batch Number: 49900 Batch Start Date: 04/22/22 07:16 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 00022	VM8260GASSTD 00034	VM8260ISSS50 00011
860-24865-C-18	Artesia-MW11-041 92022	8260C	T	5 mL	5 mL	2 SU			5 uL
860-24865-C-19	Artesia-MD11-041 92022	8260C	T	5 mL	5 mL	2 SU			5 uL
860-24865-C-20	Artesia-MW12-041 92022	8260C	T	5 mL	5 mL	2 SU			5 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	VM8260LCS 00029	VM8260STD 00060				
BFB 860-49900/1		8260C							
CCVIS 860-49900/2		8260C			40 uL				
LCS 860-49900/3		8260C		40 uL					
LCSD 860-49900/4		8260C		40 uL					
860-24865-B-14 MS	Artesia-MW36-041 92022	8260C	T	40 uL					
860-24865-B-14 MSD	Artesia-MW36-041 92022	8260C	T	40 uL					
MB 860-49900/11		8260C							
860-24865-C-14	Artesia-MW36-041 92022	8260C	T						
860-24865-C-2	Artesia-Inlet-04 192022	8260C	T						
860-24865-C-3	Artesia-MID-0419 2022	8260C	T						
860-24865-C-4	Artesia-Outlet-0 4192022	8260C	T						
860-24865-C-5	Artesia-MW40-041 92022	8260C	T						
860-24865-C-6	Artesia-MW39-041 92022	8260C	T						
860-24865-C-7	Artesia-MW35-041 92022	8260C	T						
860-24865-C-8	Artesia-MW29-041 92022	8260C	T						
860-24865-C-9	Artesia-MW28-041 92022	8260C	T						
860-24865-C-10	Artesia-MW31-041 92022	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 Houston Job No.: 860-24865-1

SDG No.:

Batch Number: 49900 Batch Start Date: 04/22/22 07:16 Batch Analyst: Suporn, Arisa 1

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	VM8260LCS 00029	VM8260STD 00060				
860-24865-C-11	Artesia-MW30-041 92022	8260C	T						
860-24865-C-12	Artesia-MD30-041 92022	8260C	T						
860-24865-C-15	Artesia-MW38-041 92022	8260C	T						
860-24865-C-16	Artesia-MW37-041 92022	8260C	T						
860-24865-C-17	Artesia-MW17C-04 192022	8260C	T						
860-24865-C-18	Artesia-MW11-041 92022	8260C	T						
860-24865-C-19	Artesia-MD11-041 92022	8260C	T						
860-24865-C-20	Artesia-MW12-041 92022	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 Houston Job No.: 860-24865-1

SDG No.:

Batch Number: 50170 Batch Start Date: 04/26/22 12:18 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 00023	VM8260GASSTD 00034	VM8260ISSS50 00011
BFB 860-50170/1		8260C		5 mL	5 mL				5 uL
CCVIS 860-50170/2		8260C		5 mL	5 mL			40 uL	5 uL
LCS 860-50170/3		8260C		5 mL	5 mL		40 uL		5 uL
LCSD 860-50170/4		8260C		5 mL	5 mL		40 uL		5 uL
MB 860-50170/10		8260C		5 mL	5 mL				5 uL
860-24865-A-1	Artesia-TB01-041 92022	8260C	T	5 mL	5 mL	2 SU			5 uL
860-24865-A-13	Artesia-TB02-041 92022	8260C	T	5 mL	5 mL	2 SU			5 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	VM8260LCS 00030	VM8260STD 00060				
BFB 860-50170/1		8260C							
CCVIS 860-50170/2		8260C			40 uL				
LCS 860-50170/3		8260C		40 uL					
LCSD 860-50170/4		8260C		40 uL					
MB 860-50170/10		8260C							
860-24865-A-1	Artesia-TB01-041 92022	8260C	T						
860-24865-A-13	Artesia-TB02-041 92022	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 Houston Job No.: 860-24865-1

SDG No.:

Batch Number: 50183 Batch Start Date: 04/25/22 08:53 Batch Analyst: Ngo, Anh

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	VM8260ISSS50 00012	VM8260lcsSHRT 00003	VM8260SHORT 00006
BFB 860-50183/1		8260C		5 mL	5 mL		5 uL		
CCVIS 860-50183/2		8260C		5 mL	5 mL		5 uL		40 uL
LCS 860-50183/3		8260C		5 mL	5 mL		5 uL	40 uL	
LCSD 860-50183/4		8260C		5 mL	5 mL		5 uL	40 uL	
MB 860-50183/7		8260C		5 mL	5 mL		5 uL		
860-24865-B-2	Artesia-Inlet-04 192022	8260C	T	5 mL	5 mL	2 SU	5 uL		
860-24865-B-3	Artesia-MID-0419 2022	8260C	T	5 mL	5 mL	2 SU	5 uL		
860-24865-B-4	Artesia-Outlet-0 4192022	8260C	T	5 mL	5 mL	2 SU	5 uL		
860-24865-B-5	Artesia-MW40-041 92022	8260C	T	5 mL	5 mL	2 SU	5 uL		
860-24865-B-6	Artesia-MW39-041 92022	8260C	T	5 mL	5 mL	2 SU	5 uL		
860-24865-B-9	Artesia-MW28-041 92022	8260C	T	5 mL	5 mL	2 SU	5 uL		
860-24865-B-10	Artesia-MW31-041 92022	8260C	T	5 mL	5 mL	2 SU	5 uL		
860-24865-B-11	Artesia-MW30-041 92022	8260C	T	5 mL	5 mL	2 SU	5 uL		
860-24865-B-12	Artesia-MD30-041 92022	8260C	T	5 mL	5 mL	2 SU	5 uL		
860-24865-B-15	Artesia-MW38-041 92022	8260C	T	5 mL	5 mL	2 SU	5 uL		
860-24865-B-16	Artesia-MW37-041 92022	8260C	T	5 mL	5 mL	2 SU	5 uL		
860-24865-B-17	Artesia-MW17C-04 192022	8260C	T	5 mL	5 mL	2 SU	5 uL		
860-24865-B-18	Artesia-MW11-041 92022	8260C	T	5 mL	5 mL	2 SU	5 uL		
860-24865-B-19	Artesia-MD11-041 92022	8260C	T	5 mL	5 mL	2 SU	5 uL		
860-24865-B-20	Artesia-MW12-041 92022	8260C	T	5 mL	5 mL	2 SU	5 uL		

Lab Sample ID	Client Sample ID	Method Chain	Basis	VMGASlcsShort 00002	VMGASShort 00002				

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 Houston Job No.: 860-24865-1

SDG No.:

Batch Number: 50183 Batch Start Date: 04/25/22 08:53 Batch Analyst: Ngo, Anh

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	VMGASlcsShort 00002	VMGASShort 00002				
BFB 860-50183/1		8260C							
CCVIS 860-50183/2		8260C			40 uL				
LCS 860-50183/3		8260C		40 uL					
LCSD 860-50183/4		8260C		40 uL					
MB 860-50183/7		8260C							
860-24865-B-2	Artesia-Inlet-04 192022	8260C	T						
860-24865-B-3	Artesia-MID-0419 2022	8260C	T						
860-24865-B-4	Artesia-Outlet-0 4192022	8260C	T						
860-24865-B-5	Artesia-MW40-041 92022	8260C	T						
860-24865-B-6	Artesia-MW39-041 92022	8260C	T						
860-24865-B-9	Artesia-MW28-041 92022	8260C	T						
860-24865-B-10	Artesia-MW31-041 92022	8260C	T						
860-24865-B-11	Artesia-MW30-041 92022	8260C	T						
860-24865-B-12	Artesia-MD30-041 92022	8260C	T						
860-24865-B-15	Artesia-MW38-041 92022	8260C	T						
860-24865-B-16	Artesia-MW37-041 92022	8260C	T						
860-24865-B-17	Artesia-MW17C-04 192022	8260C	T						
860-24865-B-18	Artesia-MW11-041 92022	8260C	T						
860-24865-B-19	Artesia-MD11-041 92022	8260C	T						
860-24865-B-20	Artesia-MW12-041 92022	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 Houston Job No.: 860-24865-1

SDG No.:

Batch Number: 50183 Batch Start Date: 04/25/22 08:53 Batch Analyst: Ngo, Anh

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 Houston Job No.: 860-24865-1

SDG No.:

Batch Number: 50353 Batch Start Date: 04/26/22 08:46 Batch Analyst: Ngo, Anh

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	VM8260ISSS50 00012	VM8260lcsSHRT 00003	VM8260SHORT 00006
BFB 860-50353/1		8260C		5 mL	5 mL		5 uL		
CCVIS 860-50353/2		8260C		5 mL	5 mL		5 uL		40 uL
LCS 860-50353/3		8260C		5 mL	5 mL		5 uL	40 uL	
LCSD 860-50353/4		8260C		5 mL	5 mL		5 uL	40 uL	
MB 860-50353/7		8260C		5 mL	5 mL		5 uL		
860-24865-A-14	Artesia-MW36-041 92022	8260C	T	5 mL	5 mL	2 SU	5 uL		

Lab Sample ID	Client Sample ID	Method Chain	Basis	VMGASlcsShort 00002	VMGASShort 00002				
BFB 860-50353/1		8260C							
CCVIS 860-50353/2		8260C			40 uL				
LCS 860-50353/3		8260C		40 uL					
LCSD 860-50353/4		8260C		40 uL					
MB 860-50353/7		8260C							
860-24865-A-14	Artesia-MW36-041 92022	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

FORM III
HPLC/IC LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 29_Apr_2022 01_45.d

Lab ID: LCS 860-50784/26 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC	QC LIMITS REC	#
Sulfate	10.0	9.734	97	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 Houston Job No.: 860-24865-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 29_Apr_2022 01_59.d

Lab ID: LCSD 860-50784/27 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Sulfate	10.0	9.675	97	1	20	90-110	

Column to be used to flag recovery and RPD values

FORM III 300.0

FORM III
HPLC/IC LOW LEVEL CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 28_Apr_2022 14_07.d

Lab ID: LLCS 860-50784/5 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LLCS CONCENTRATION (mg/L)	LLCS % REC	QC LIMITS REC	#
Sulfate	0.500	0.4496 J	90	50-150	

Column to be used to flag recovery and RPD values

FORM III 300.0

FORM IV
HPLC/IC METHOD BLANK SUMMARY

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Lab File ID: 29_Apr_2022 01_32.d Lab Sample ID: MB 860-50784/25

Matrix: Water Date Extracted:

Instrument ID: A166 Date Analyzed: 04/29/2022 01:32

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LLCS 860-50784/5	28_Apr_2022 14_07.d	04/28/2022 14:07
	LCS 860-50784/26	29_Apr_2022 01_45.d	04/29/2022 01:45
	LCSD 860-50784/27	29_Apr_2022 01_59.d	04/29/2022 01:59
Artesia-MW36-04192022	860-24865-14	29_Apr_2022 05_28.d	04/29/2022 05:28
Artesia-MW38-04192022	860-24865-15	29_Apr_2022 05_41.d	04/29/2022 05:41
Artesia-MW37-04192022	860-24865-16	29_Apr_2022 05_55.d	04/29/2022 05:55
Artesia-MW17C-04192022	860-24865-17	29_Apr_2022 06_09.d	04/29/2022 06:09
Artesia-MW11-04192022	860-24865-18	29_Apr_2022 06_23.d	04/29/2022 06:23
Artesia-MW12-04192022	860-24865-20	29_Apr_2022 07_05.d	04/29/2022 07:05

FORM IV 300.0

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Client Sample ID: Artesia-MW36-04192022 Lab Sample ID: 860-24865-14

Matrix: Water Lab File ID: 29_Apr_2022 05_28.d

Analysis Method: 300.0 Date Collected: 04/19/2022 12:25

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 04/29/2022 05:28

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.: 50784 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	2130		5.00	1.09

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Client Sample ID: Artesia-MW38-04192022 Lab Sample ID: 860-24865-15

Matrix: Water Lab File ID: 29_Apr_2022 05_41.d

Analysis Method: 300.0 Date Collected: 04/19/2022 14:20

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 04/29/2022 05:41

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.: 50784 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	2850		5.00	1.09

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Client Sample ID: Artesia-MW37-04192022 Lab Sample ID: 860-24865-16

Matrix: Water Lab File ID: 29_Apr_2022 05_55.d

Analysis Method: 300.0 Date Collected: 04/19/2022 15:45

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 04/29/2022 05:55

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.: 50784 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	2830		5.00	1.09

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Client Sample ID: Artesia-MW17C-04192022 Lab Sample ID: 860-24865-17

Matrix: Water Lab File ID: 29_Apr_2022 06_09.d

Analysis Method: 300.0 Date Collected: 04/19/2022 17:05

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 04/29/2022 06:09

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.: 50784 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	2440		5.00	1.09

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Client Sample ID: Artesia-MW11-04192022 Lab Sample ID: 860-24865-18

Matrix: Water Lab File ID: 29_Apr_2022 06_23.d

Analysis Method: 300.0 Date Collected: 04/20/2022 10:20

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 04/29/2022 06:23

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.: 50784 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	2950		5.00	1.09

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Client Sample ID: Artesia-MW12-04192022 Lab Sample ID: 860-24865-20

Matrix: Water Lab File ID: 29_Apr_2022 07_05.d

Analysis Method: 300.0 Date Collected: 04/20/2022 09:10

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 04/29/2022 07:05

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.: 50784 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	2740		5.00	1.09

FORM VI
HPLC/IC BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RETENTION TIME SUMMARY

Lab Name: Eurofins Houston Job No.: 860-24865-1 Analy Batch No.: 49141

SDG No.:

Instrument ID: A166 GC Column: AS-18 ID: 0.004(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/16/2022 14:34 Calibration End Date: 04/16/2022 16:36 Calibration ID: 2875

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-49141/1	16_Apr_2022 14_34.d
Level 2	IC 860-49141/2	16_Apr_2022 14_47.d
Level 3	IC 860-49141/3	16_Apr_2022 15_01.d
Level 4	IC 860-49141/4	16_Apr_2022 15_15.d
Level 5	IC 860-49141/5	16_Apr_2022 15_28.d
Level 6	IC 860-49141/6	16_Apr_2022 15_42.d
Level 7	IC 860-49141/7	16_Apr_2022 15_56.d
Level 8	IC 860-49141/8	16_Apr_2022 16_09.d
Level 9	IC 860-49141/9	16_Apr_2022 16_23.d
Level 10	IC 860-49141/10	16_Apr_2022 16_36.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	+++++	3.250	3.260	3.250	3.260	3.260	3.263	+++++	+++++	+++++	3.010 - 3.510	3.257
Chloride	+++++	+++++	4.567	4.567	4.563	4.553	4.550	4.540	4.507	4.480	4.303 - 4.803	4.541
Sulfate	+++++	+++++	6.623	6.663	6.610	6.593	6.570	6.387	6.230	5.980	6.343 - 6.843	6.457
Bromide	+++++	+++++	7.740	7.747	7.720	7.693	7.663	+++++	+++++	+++++	7.443 - 7.943	7.713

FORM VI
HPLC/IC BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Houston Job No.: 860-24865-1 Analy Batch No.: 49141

SDG No.:

Instrument ID: A166 GC Column: AS-18 ID: 0.004(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/16/2022 14:34 Calibration End Date: 04/16/2022 16:36 Calibration ID: 2875

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-49141/1	16_Apr_2022 14_34.d
Level 2	IC 860-49141/2	16_Apr_2022 14_47.d
Level 3	IC 860-49141/3	16_Apr_2022 15_01.d
Level 4	IC 860-49141/4	16_Apr_2022 15_15.d
Level 5	IC 860-49141/5	16_Apr_2022 15_28.d
Level 6	IC 860-49141/6	16_Apr_2022 15_42.d
Level 7	IC 860-49141/7	16_Apr_2022 15_56.d
Level 8	IC 860-49141/8	16_Apr_2022 16_09.d
Level 9	IC 860-49141/9	16_Apr_2022 16_23.d
Level 10	IC 860-49141/10	16_Apr_2022 16_36.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	+++++ 26431782 +++++	18441125 26125082 +++++	25712426 25210622	25283394 +++++	Lin1	-866340.25	25739728.7							0.9990		0.9950
Chloride	+++++ 14574847 16463372	+++++ 15229860 16547632	17066470 15600972	13169694 16313460	Lin1	-2005702.3	16464687.5							1.0000		0.9950
Sulfate	+++++ 10946870 12522706	+++++ 11601249 12344016	9906636 11987139	8998874 12508632	Lin1	-2505317.8	12406127.7							1.0000		0.9950
Bromide	+++++ 5606092 +++++	+++++ 6121224 +++++	3978452 6542650	4314774 +++++	Lin1	-1669925.3	6431488.26							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 Houston Job No.: 860-24865-1 Analy Batch No.: 49141

SDG No.:

Instrument ID: A166 GC Column: AS-18 ID: 0.004(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/16/2022 14:34 Calibration End Date: 04/16/2022 16:36 Calibration ID: 2875

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-49141/1	16_Apr_2022 14_34.d
Level 2	IC 860-49141/2	16_Apr_2022 14_47.d
Level 3	IC 860-49141/3	16_Apr_2022 15_01.d
Level 4	IC 860-49141/4	16_Apr_2022 15_15.d
Level 5	IC 860-49141/5	16_Apr_2022 15_28.d
Level 6	IC 860-49141/6	16_Apr_2022 15_42.d
Level 7	IC 860-49141/7	16_Apr_2022 15_56.d
Level 8	IC 860-49141/8	16_Apr_2022 16_09.d
Level 9	IC 860-49141/9	16_Apr_2022 16_23.d
Level 10	IC 860-49141/10	16_Apr_2022 16_36.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	+++++ 261250823	3688225 504212437	12856213 +++++	25283394 +++++	132158909 +++++	+++++ 10.0	0.200 20.0	0.500 +++++	1.00 +++++	5.00 +++++
Chloride	Lin1	+++++ 152298602	+++++ 312019443	8533235 163134599 3	13169694 411584289 6	72874234 827381579 0	+++++ 10.0	+++++ 20.0	0.500 100	1.00 250	5.00 500
Sulfate	Lin1	+++++ 116012489	+++++ 239742771	4953318 125086323 4	8998874 313067657 7	54734348 617200803 1	+++++ 10.0	+++++ 20.0	0.500 100	1.00 250	5.00 500
Bromide	Lin1	+++++ 61212243	+++++ 130852994	1989226 +++++	4314774 +++++	28030458 +++++	+++++ 10.0	+++++ 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

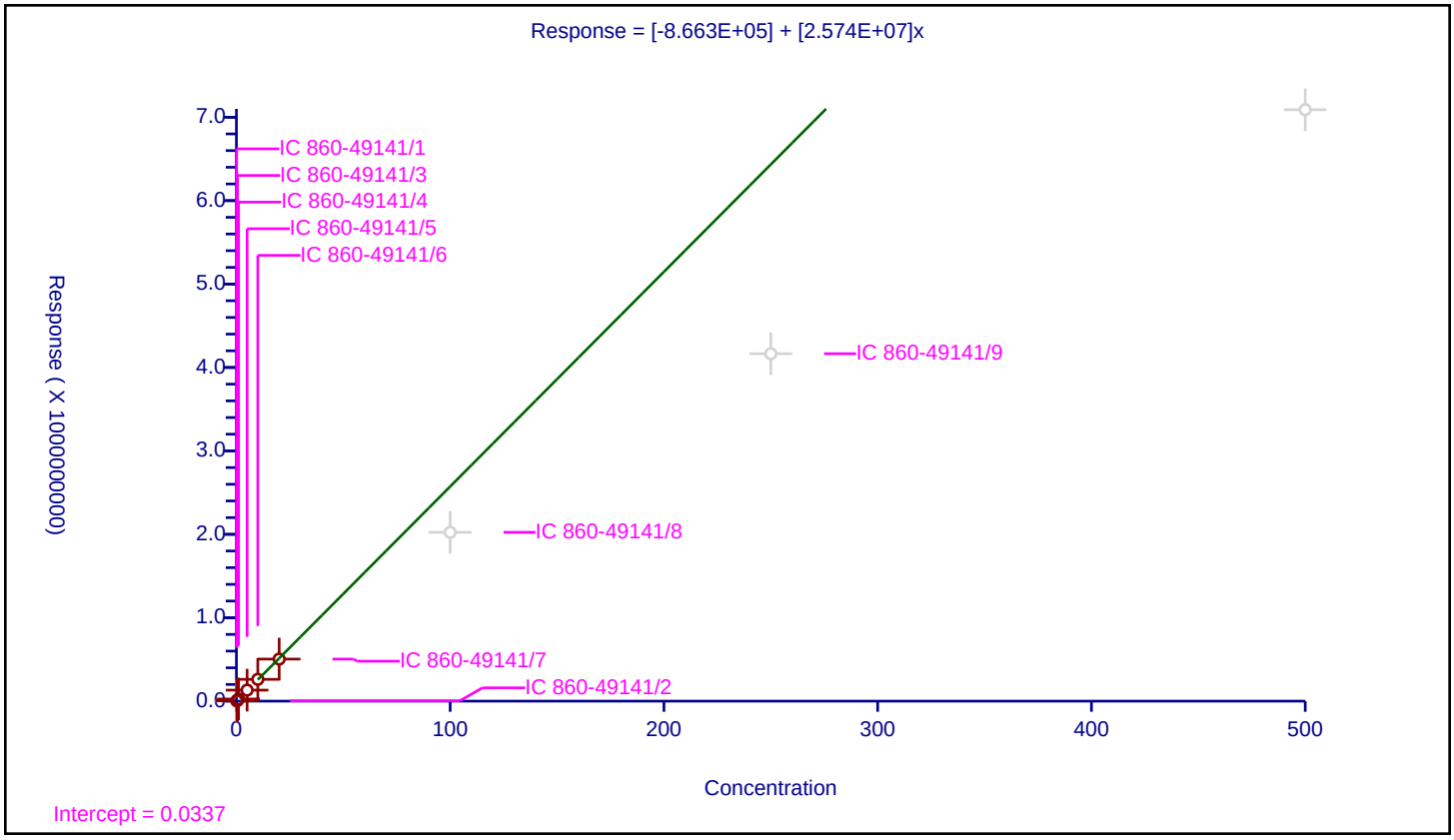
Curve Coefficients

Intercept:	-8.663E+05
Slope:	2.574E+07

Error Coefficients

Standard Error:	5840000
Relative Standard Error:	7.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	IC 860-49141/1	0.1	2009074.0			20090740.0	N
2	IC 860-49141/2	0.2	3688225.0			18441125.0	Y
3	IC 860-49141/3	0.5	12856213.0			25712426.0	Y
4	IC 860-49141/4	1.0	25283394.0			25283394.0	Y
5	IC 860-49141/5	5.0	132158909.0			26431781.8	Y
6	IC 860-49141/6	10.0	261250823.0			26125082.3	Y
7	IC 860-49141/7	20.0	504212437.0			25210621.85	Y
8	IC 860-49141/8	100.0	2023791269.0			20237912.69	N
9	IC 860-49141/9	250.0	4165014413.0			16660057.652	N
10	IC 860-49141/10	500.0	7089858575.0			14179717.15	N



Calibration / Chloride

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ESTD
Response Base:	AREA
RF Rounding:	0

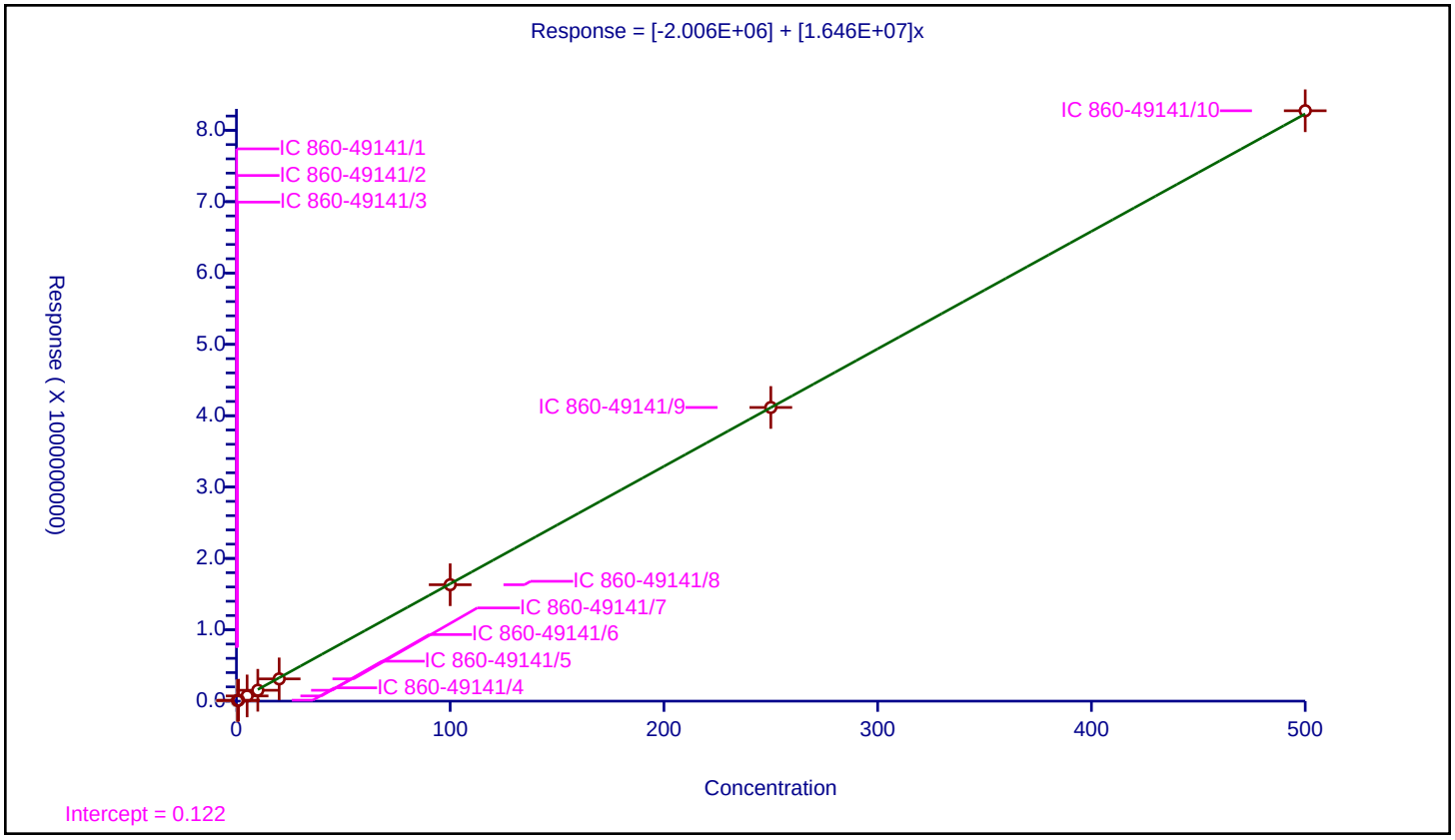
Curve Coefficients

Intercept:	-2.006E+06
Slope:	1.646E+07

Error Coefficients

Standard Error:	20300000
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 860-49141/1	0.1	2008346.0			20083460.0	N
2	IC 860-49141/2	0.2	2773476.0			13867380.0	N
3	IC 860-49141/3	0.5	8533235.0			17066470.0	Y
4	IC 860-49141/4	1.0	13169694.0			13169694.0	Y
5	IC 860-49141/5	5.0	72874234.0			14574846.8	Y
6	IC 860-49141/6	10.0	152298602.0			15229860.2	Y
7	IC 860-49141/7	20.0	312019443.0			15600972.15	Y
8	IC 860-49141/8	100.0	1631345993.0			16313459.93	Y
9	IC 860-49141/9	250.0	4115842896.0			16463371.584	Y
10	IC 860-49141/10	500.0	8273815790.0			16547631.58	Y



Calibration / Sulfate

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ESTD
Response Base:	AREA
RF Rounding:	0

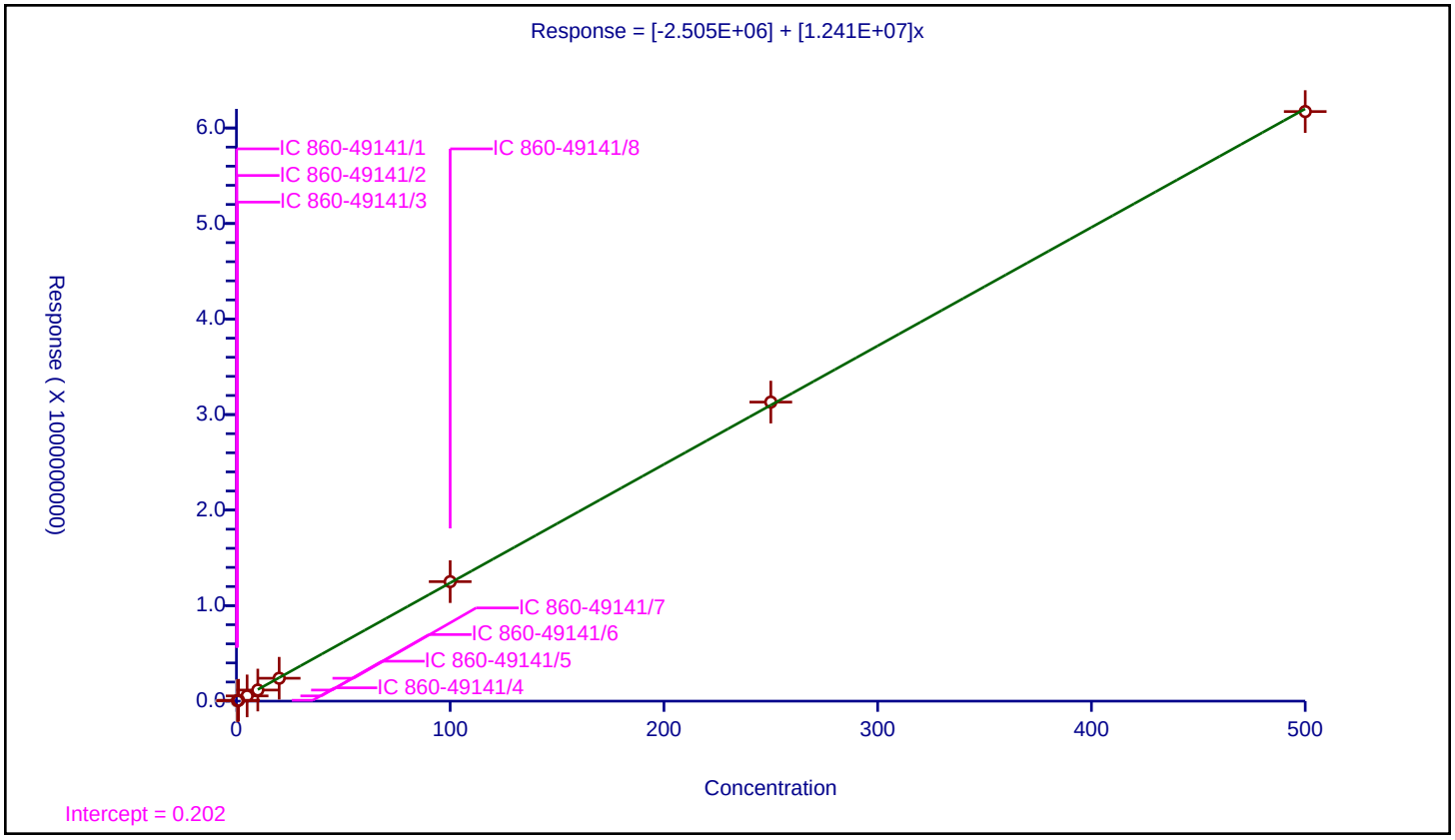
Curve Coefficients

Intercept:	-2.505E+06
Slope:	1.241E+07

Error Coefficients

Standard Error:	18600000
Relative Standard Error:	9.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	IC 860-49141/1	0.1	1277244.0			12772440.0	N
2	IC 860-49141/2	0.2	3535766.0			17678830.0	N
3	IC 860-49141/3	0.5	4953318.0			9906636.0	Y
4	IC 860-49141/4	1.0	8998874.0			8998874.0	Y
5	IC 860-49141/5	5.0	54734348.0			10946869.6	Y
6	IC 860-49141/6	10.0	116012489.0			11601248.9	Y
7	IC 860-49141/7	20.0	239742771.0			11987138.55	Y
8	IC 860-49141/8	100.0	1250863234.0			12508632.34	Y
9	IC 860-49141/9	250.0	3130676577.0			12522706.308	Y
10	IC 860-49141/10	500.0	6172008031.0			12344016.062	Y



Calibration / Bromide

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ESTD
Response Base:	AREA
RF Rounding:	0

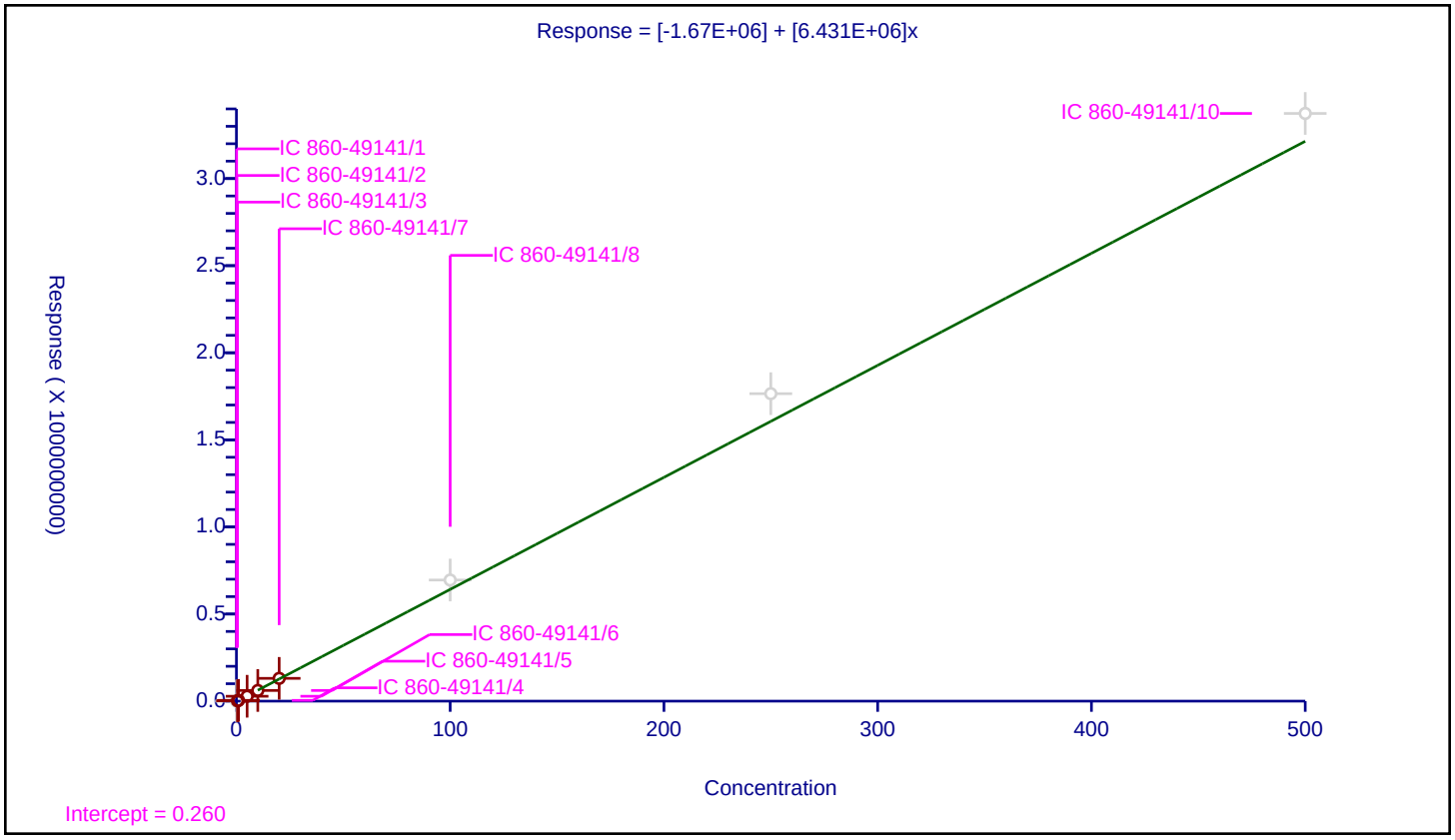
Curve Coefficients

Intercept:	-1.67E+06
Slope:	6.431E+06

Error Coefficients

Standard Error:	2810000
Relative Standard Error:	10.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	IC 860-49141/1	0.1	344963.0			3449630.0	N
2	IC 860-49141/2	0.2	883055.0			4415275.0	N
3	IC 860-49141/3	0.5	1989226.0			3978452.0	Y
4	IC 860-49141/4	1.0	4314774.0			4314774.0	Y
5	IC 860-49141/5	5.0	28030458.0			5606091.6	Y
6	IC 860-49141/6	10.0	61212243.0			6121224.3	Y
7	IC 860-49141/7	20.0	130852994.0			6542649.7	Y
8	IC 860-49141/8	100.0	695281779.0			6952817.79	N
9	IC 860-49141/9	250.0	1765147065.0			7060588.26	N
10	IC 860-49141/10	500.0	3373886497.0			6747772.994	N



FORM VI
HPLC/IC BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RETENTION TIME SUMMARY

Lab Name: Eurofins Houston Job No.: 860-24865-1 Analy Batch No.: 50533

SDG No.:

Instrument ID: A166 GC Column: AS-18 ID: 0.004(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/27/2022 13:47 Calibration End Date: 04/27/2022 15:51 Calibration ID: 2950

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-50533/1	27_Apr_2022 13_47.d
Level 2	IC 860-50533/2	27_Apr_2022 14_00.d
Level 3	IC 860-50533/3	27_Apr_2022 14_14.d
Level 4	IC 860-50533/4	27_Apr_2022 14_28.d
Level 5	IC 860-50533/5	27_Apr_2022 14_42.d
Level 6	IC 860-50533/6	27_Apr_2022 14_56.d
Level 7	IC 860-50533/7	27_Apr_2022 15_10.d
Level 8	IC 860-50533/8	27_Apr_2022 15_23.d
Level 9	IC 860-50533/9	27_Apr_2022 15_37.d
Level 10	IC 860-50533/10	27_Apr_2022 15_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	+++++	+++++	3.243	3.243	3.250	3.257	3.260	+++++	+++++	+++++	3.007 - 3.507	3.251
Chloride	+++++	+++++	4.500	4.503	4.503	4.500	4.497	4.477	4.447	4.420	4.253 - 4.753	4.481
Sulfate	+++++	+++++	6.380	6.393	6.413	6.390	6.387	6.263	6.087	5.873	6.193 - 6.693	6.273
Bromide	+++++	+++++	7.540	7.533	7.513	7.497	7.457	7.257	7.000	+++++	7.237 - 7.737	7.400

FORM VI
HPLC/IC BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Houston Job No.: 860-24865-1 Analy Batch No.: 50533

SDG No.:

Instrument ID: A166 GC Column: AS-18 ID: 0.004(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/27/2022 13:47 Calibration End Date: 04/27/2022 15:51 Calibration ID: 2950

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-50533/1	27_Apr_2022 13_47.d
Level 2	IC 860-50533/2	27_Apr_2022 14_00.d
Level 3	IC 860-50533/3	27_Apr_2022 14_14.d
Level 4	IC 860-50533/4	27_Apr_2022 14_28.d
Level 5	IC 860-50533/5	27_Apr_2022 14_42.d
Level 6	IC 860-50533/6	27_Apr_2022 14_56.d
Level 7	IC 860-50533/7	27_Apr_2022 15_10.d
Level 8	IC 860-50533/8	27_Apr_2022 15_23.d
Level 9	IC 860-50533/9	27_Apr_2022 15_37.d
Level 10	IC 860-50533/10	27_Apr_2022 15_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	+++++ 27461796 +++++	+++++ 26874343 +++++	28521882 25784473	28352818 +++++	Lin1	1835525.68	26169260.2							0.9990		0.9950
Chloride	+++++ 15166562 16481232	+++++ 15598732 16564490	22790410 15925324	14879790 16539827	Lin1	574787.514	16501454.1							1.0000		0.9950
Sulfate	+++++ 11507371 12634897	+++++ 11916699 12432965	12098776 13117221	10215457 12710908	Lin1	-1077612.7	12532692.3							1.0000		0.9950
Bromide	+++++ 6011046 7148797	+++++ 6394741 +++++	4961340 6712933	5096325 6990507	Lin1	-1848728.9	7076401.92							0.9990		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 Houston Job No.: 860-24865-1 Analy Batch No.: 50533

SDG No.:

Instrument ID: A166 GC Column: AS-18 ID: 0.004(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/27/2022 13:47 Calibration End Date: 04/27/2022 15:51 Calibration ID: 2950

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-50533/1	27_Apr_2022 13_47.d
Level 2	IC 860-50533/2	27_Apr_2022 14_00.d
Level 3	IC 860-50533/3	27_Apr_2022 14_14.d
Level 4	IC 860-50533/4	27_Apr_2022 14_28.d
Level 5	IC 860-50533/5	27_Apr_2022 14_42.d
Level 6	IC 860-50533/6	27_Apr_2022 14_56.d
Level 7	IC 860-50533/7	27_Apr_2022 15_10.d
Level 8	IC 860-50533/8	27_Apr_2022 15_23.d
Level 9	IC 860-50533/9	27_Apr_2022 15_37.d
Level 10	IC 860-50533/10	27_Apr_2022 15_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	+++++ 268743431	+++++ 515689454	14260941 +++++	28352818 +++++	137308980 +++++	+++++ 10.0	+++++ 20.0	0.500 +++++	1.00 +++++	5.00 +++++
Chloride	Lin1	+++++ 155987321	+++++ 318506486	11395205 165398266 9	14879790 412030799 6	75832812 828224509 0	+++++ 10.0	+++++ 20.0	0.500 100	1.00 250	5.00 500
Sulfate	Lin1	+++++ 119166987	+++++ 262344423	6049388 127109082 0	10215457 315872415 0	57536854 621648273 9	+++++ 10.0	+++++ 20.0	0.500 100	1.00 250	5.00 500
Bromide	Lin1	+++++ 63947413	+++++ 134258653	2480670 699050708	5096325 178719923 8	30055232 +++++	+++++ 10.0	+++++ 20.0	0.500 100	1.00 250	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

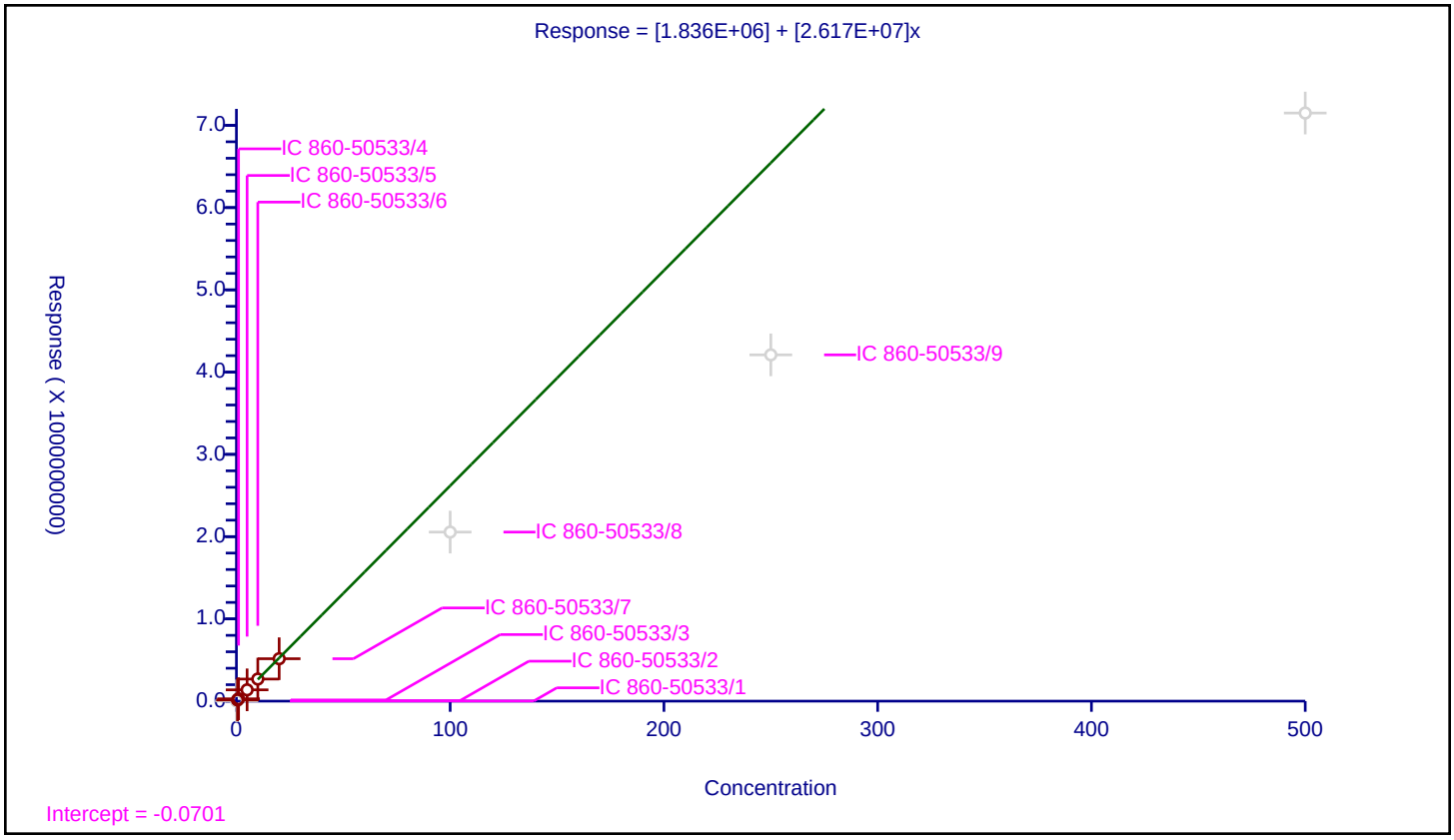
Curve Coefficients

Intercept:	1.836E+06
Slope:	2.617E+07

Error Coefficients

Standard Error:	6830000
Relative Standard Error:	4.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	IC 860-50533/1	0.1	2203733.0			22037330.0	N
2	IC 860-50533/2	0.2	4370470.0			21852350.0	N
3	IC 860-50533/3	0.5	14260941.0			28521882.0	Y
4	IC 860-50533/4	1.0	28352818.0			28352818.0	Y
5	IC 860-50533/5	5.0	137308980.0			27461796.0	Y
6	IC 860-50533/6	10.0	268743431.0			26874343.1	Y
7	IC 860-50533/7	20.0	515689454.0			25784472.7	Y
8	IC 860-50533/8	100.0	2055174478.0			20551744.78	N
9	IC 860-50533/9	250.0	4209915054.0			16839660.216	N
10	IC 860-50533/10	500.0	7149600489.0			14299200.978	N



Calibration / Chloride

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ESTD
Response Base:	AREA
RF Rounding:	0

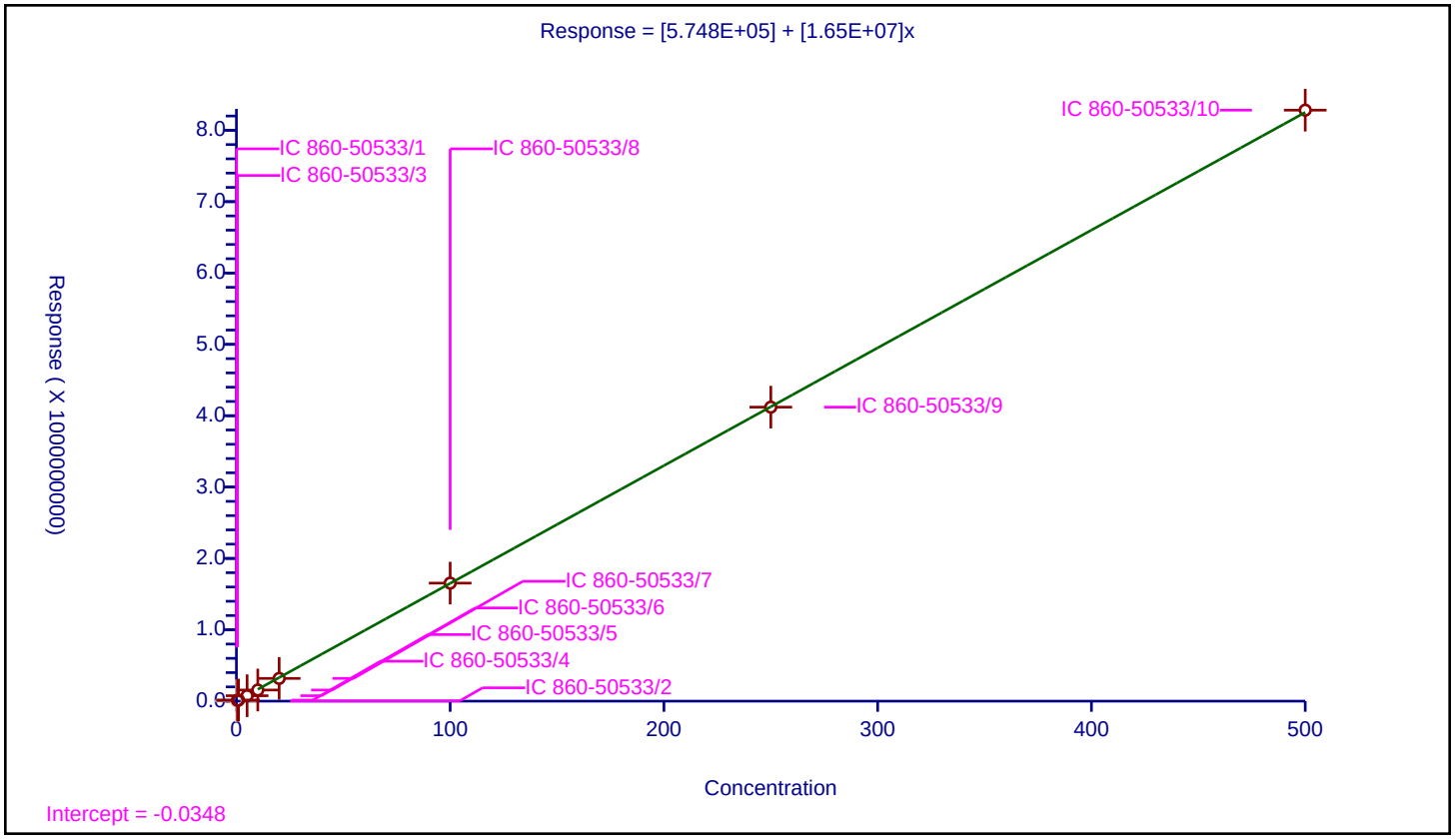
Curve Coefficients

Intercept:	5.748E+05
Slope:	1.65E+07

Error Coefficients

Standard Error:	14700000
Relative Standard Error:	14.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	IC 860-50533/1	0.1	3015696.0			30156960.0	N
2	IC 860-50533/2	0.2	3479182.0			17395910.0	N
3	IC 860-50533/3	0.5	11395205.0			22790410.0	Y
4	IC 860-50533/4	1.0	14879790.0			14879790.0	Y
5	IC 860-50533/5	5.0	75832812.0			15166562.4	Y
6	IC 860-50533/6	10.0	155987321.0			15598732.1	Y
7	IC 860-50533/7	20.0	318506486.0			15925324.3	Y
8	IC 860-50533/8	100.0	1653982669.0			16539826.69	Y
9	IC 860-50533/9	250.0	4120307996.0			16481231.984	Y
10	IC 860-50533/10	500.0	8282245090.0			16564490.18	Y



Calibration / Sulfate

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ESTD
Response Base:	AREA
RF Rounding:	0

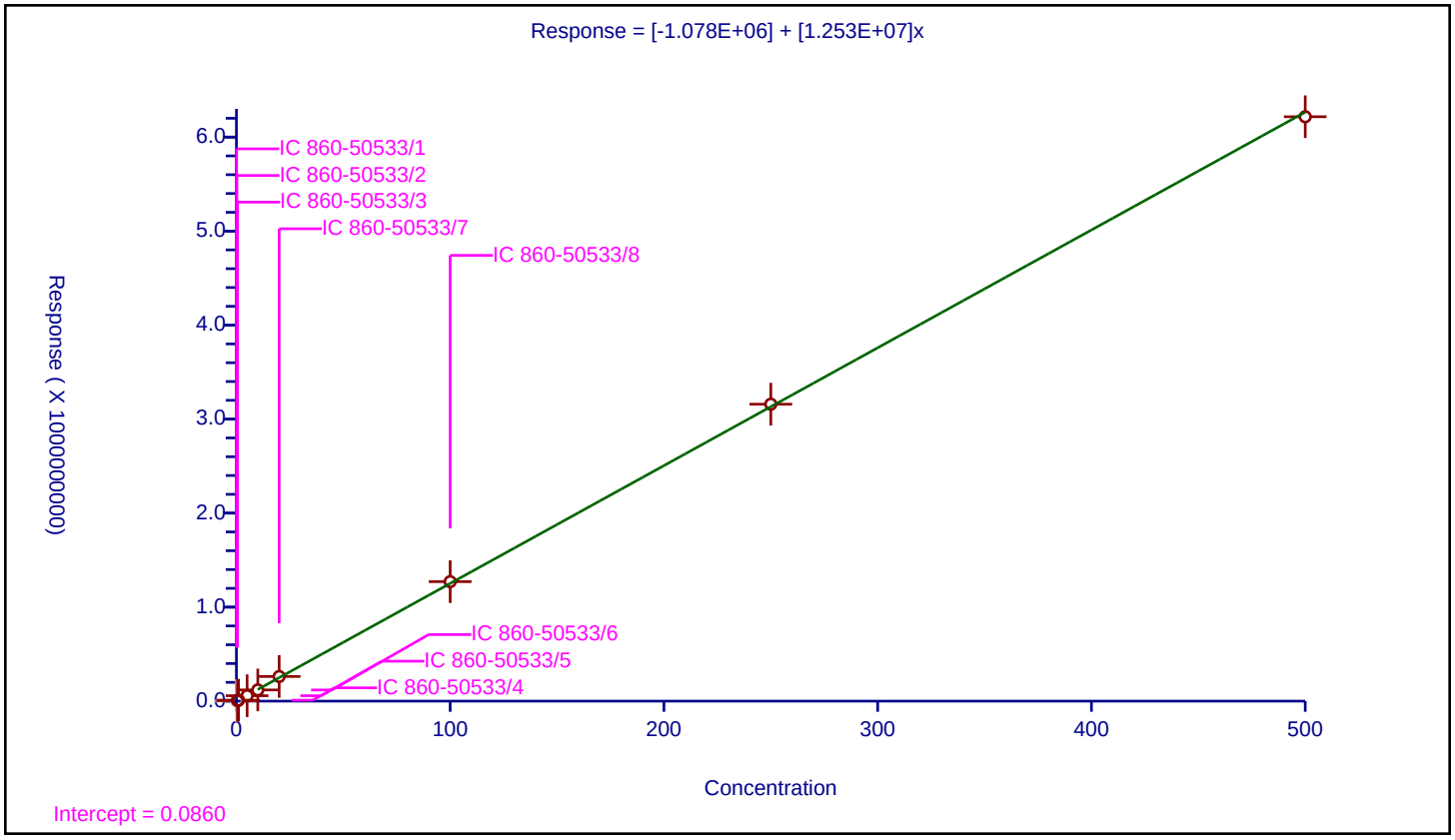
Curve Coefficients

Intercept:	-1.078E+06
Slope:	1.253E+07

Error Coefficients

Standard Error:	24700000
Relative Standard Error:	7.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	IC 860-50533/1	0.1	1682520.0			16825200.0	N
2	IC 860-50533/2	0.2	4005467.0			20027335.0	N
3	IC 860-50533/3	0.5	6049388.0			12098776.0	Y
4	IC 860-50533/4	1.0	10215457.0			10215457.0	Y
5	IC 860-50533/5	5.0	57536854.0			11507370.8	Y
6	IC 860-50533/6	10.0	119166987.0			11916698.7	Y
7	IC 860-50533/7	20.0	262344423.0			13117221.15	Y
8	IC 860-50533/8	100.0	1271090820.0			12710908.2	Y
9	IC 860-50533/9	250.0	3158724150.0			12634896.6	Y
10	IC 860-50533/10	500.0	6216482739.0			12432965.478	Y



Calibration / Bromide

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ESTD
Response Base:	AREA
RF Rounding:	0

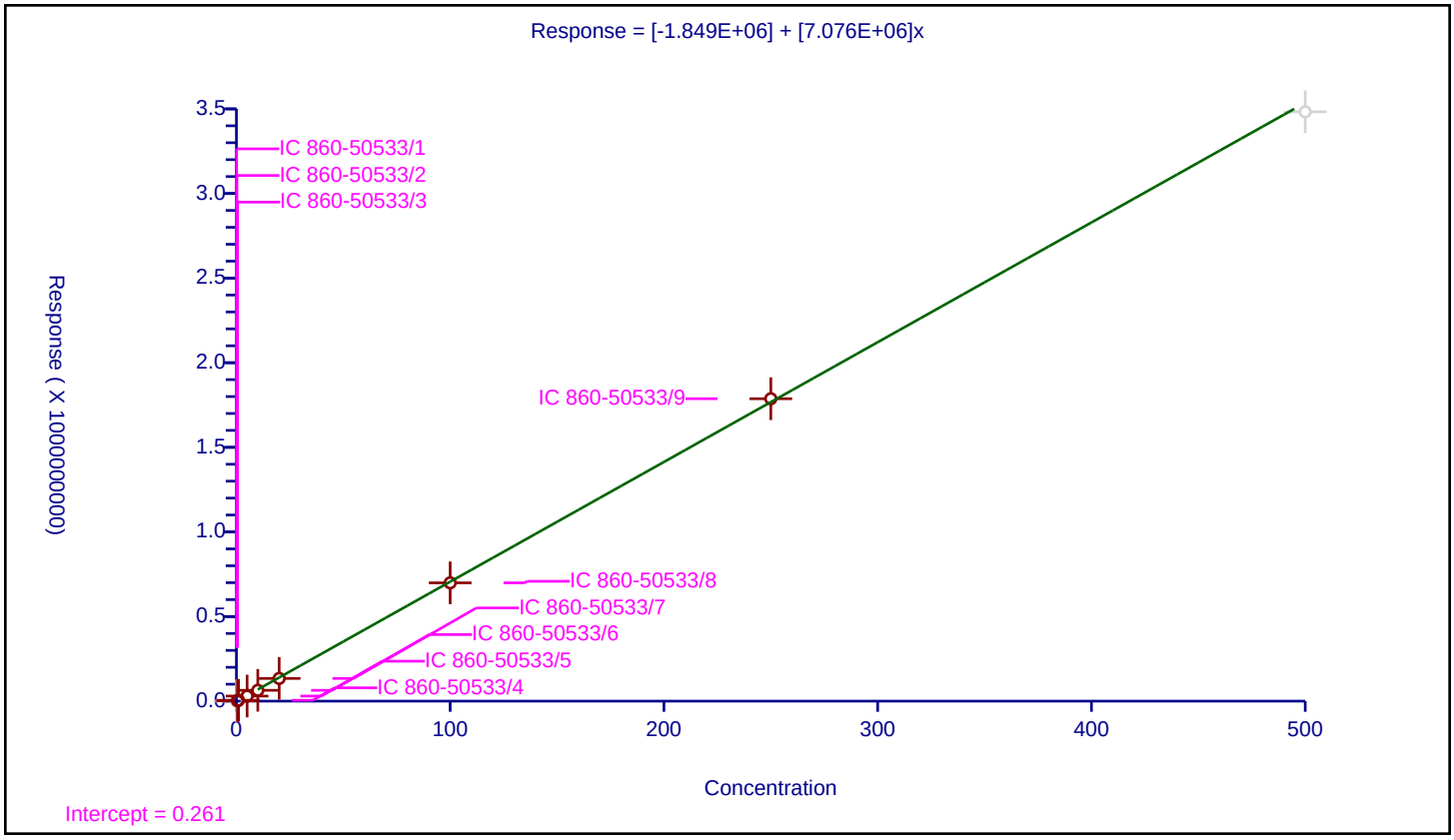
Curve Coefficients

Intercept:	-1.849E+06
Slope:	7.076E+06

Error Coefficients

Standard Error:	10100000
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 860-50533/1	0.1	471248.0			4712480.0	N
2	IC 860-50533/2	0.2	896401.0			4482005.0	N
3	IC 860-50533/3	0.5	2480670.0			4961340.0	Y
4	IC 860-50533/4	1.0	5096325.0			5096325.0	Y
5	IC 860-50533/5	5.0	30055232.0			6011046.4	Y
6	IC 860-50533/6	10.0	63947413.0			6394741.3	Y
7	IC 860-50533/7	20.0	134258653.0			6712932.65	Y
8	IC 860-50533/8	100.0	699050708.0			6990507.08	Y
9	IC 860-50533/9	250.0	1787199238.0			7148796.952	Y
10	IC 860-50533/10	500.0	3482758735.0			6965517.47	N



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Lab Sample ID: ICV 860-50533/11 Calibration Date: 04/27/2022 16:33

Instrument ID: A166 Calib Start Date: 04/27/2022 13:47

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 04/27/2022 15:51

Lab File ID: 27_Apr_2022 16_33.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluoride	Lin1		27182924		10.3	10.0	3.2	10.0
Chloride	Lin1		16516322		9.97	10.0	-0.3	10.0
Sulfate	Lin1		12115123		9.75	10.0	-2.5	10.0
Bromide	Lin1		6421268		9.34	10.0	-6.6	10.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Lab Sample ID: ICV 860-50533/11 Calibration Date: 04/27/2022 16:33

Instrument ID: A166 Calib Start Date: 04/27/2022 13:47

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 04/27/2022 15:51

Lab File ID: 27_Apr_2022 16_33.d

Analyte	RT	RT WINDOW	
		FROM	TO
Fluoride	3.26	3.01	3.51
Chloride	4.50	4.25	4.75
Sulfate	6.44	6.19	6.69
Bromide	7.49	7.24	7.74

Form VII 300.0

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Lab Sample ID: CCVRT 860-50784/1 Calibration Date: 04/28/2022 13:11

Instrument ID: A166 Calib Start Date: 04/27/2022 13:47

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 04/27/2022 15:51

Lab File ID: 28_Apr_2022 13_11.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluoride	Lin1		27459455		10.4	10.0	4.2	10.0
Chloride	Lin1		15819572		9.55	10.0	-4.5	10.0
Sulfate	Lin1		11936548		9.61	10.0	-3.9	10.0
Bromide	Lin1		6324875		9.20	10.0	-8.0	10.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Lab Sample ID: CCVRT 860-50784/1 Calibration Date: 04/28/2022 13:11

Instrument ID: A166 Calib Start Date: 04/27/2022 13:47

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 04/27/2022 15:51

Lab File ID: 28_Apr_2022 13_11.d

Analyte	RT	RT WINDOW	
		FROM	TO
Fluoride	3.26	3.01	3.51
Chloride	4.50	4.25	4.75
Sulfate	6.40	6.15	6.65
Bromide	7.50	7.25	7.75

Form VII 300.0

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Lab Sample ID: CCV 860-50784/13 Calibration Date: 04/28/2022 16:19

Instrument ID: A166 Calib Start Date: 04/27/2022 13:47

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 04/27/2022 15:51

Lab File ID: 28_Apr_2022 16_19.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluoride	Lin1		27388315		10.4	10.0	4.0	10.0
Chloride	Lin1		16142188		9.75	10.0	-2.5	10.0
Sulfate	Lin1		11971525		9.64	10.0	-3.6	10.0
Bromide	Lin1		6358822		9.25	10.0	-7.5	10.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Lab Sample ID: CCV 860-50784/13 Calibration Date: 04/28/2022 16:19

Instrument ID: A166 Calib Start Date: 04/27/2022 13:47

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 04/27/2022 15:51

Lab File ID: 28_Apr_2022 16_19.d

Analyte	RT	RT WINDOW	
		FROM	TO
Fluoride	3.26	3.01	3.51
Chloride	4.51	4.25	4.75
Sulfate	6.50	6.15	6.65
Bromide	7.47	7.25	7.75

Form VII 300.0

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Lab Sample ID: CCV 860-50784/23 Calibration Date: 04/29/2022 01:04

Instrument ID: A166 Calib Start Date: 04/27/2022 13:47

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 04/27/2022 15:51

Lab File ID: 29_Apr_2022 01_04.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluoride	Lin1		27512608		10.4	10.0	4.4	10.0
Chloride	Lin1		16225846		9.80	10.0	-2.0	10.0
Sulfate	Lin1		12106485		9.75	10.0	-2.5	10.0
Bromide	Lin1		6369836		9.26	10.0	-7.4	10.0

FORM VII 300.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Lab Sample ID: CCV 860-50784/23 Calibration Date: 04/29/2022 01:04

Instrument ID: A166 Calib Start Date: 04/27/2022 13:47

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 04/27/2022 15:51

Lab File ID: 29_Apr_2022 01_04.d

Analyte	RT	RT WINDOW	
		FROM	TO
Fluoride	3.26	3.01	3.51
Chloride	4.51	4.25	4.75
Sulfate	6.50	6.15	6.65
Bromide	7.47	7.25	7.75

Form VII 300.0

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Lab Sample ID: CCV 860-50784/35 Calibration Date: 04/29/2022 03:51

Instrument ID: A166 Calib Start Date: 04/27/2022 13:47

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 04/27/2022 15:51

Lab File ID: 29_Apr_2022 03_51.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluoride	Lin1		27390627		10.4	10.0	4.0	10.0
Chloride	Lin1		16369809		9.89	10.0	-1.1	10.0
Sulfate	Lin1		12139626		9.77	10.0	-2.3	10.0
Bromide	Lin1		6393253		9.30	10.0	-7.0	10.0

FORM VII 300.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Lab Sample ID: CCV 860-50784/35 Calibration Date: 04/29/2022 03:51

Instrument ID: A166 Calib Start Date: 04/27/2022 13:47

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 04/27/2022 15:51

Lab File ID: 29_Apr_2022 03_51.d

Analyte	RT	RT WINDOW	
		FROM	TO
Fluoride	3.26	3.01	3.51
Chloride	4.50	4.25	4.75
Sulfate	6.50	6.15	6.65
Bromide	7.46	7.25	7.75

Form VII 300.0

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Lab Sample ID: CCV 860-50784/47 Calibration Date: 04/29/2022 06:37

Instrument ID: A166 Calib Start Date: 04/27/2022 13:47

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 04/27/2022 15:51

Lab File ID: 29_Apr_2022 06_37.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluoride	Lin1		27876299		10.6	10.0	5.8	10.0
Chloride	Lin1		16653083		10.1	10.0	0.6	10.0
Sulfate	Lin1		12250180		9.86	10.0	-1.4	10.0
Bromide	Lin1		6442799		9.37	10.0	-6.3	10.0

FORM VII 300.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Lab Sample ID: CCV 860-50784/47 Calibration Date: 04/29/2022 06:37

Instrument ID: A166 Calib Start Date: 04/27/2022 13:47

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 04/27/2022 15:51

Lab File ID: 29_Apr_2022 06_37.d

Analyte	RT	RT WINDOW	
		FROM	TO
Fluoride	3.26	3.01	3.51
Chloride	4.51	4.25	4.75
Sulfate	6.49	6.15	6.65
Bromide	7.46	7.25	7.75

Form VII 300.0

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Lab Sample ID: CCV 860-50784/56 Calibration Date: 04/29/2022 08:42

Instrument ID: A166 Calib Start Date: 04/27/2022 13:47

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 04/27/2022 15:51

Lab File ID: 29_Apr_2022 08_42.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluoride	Lin1		27863532		10.6	10.0	5.8	10.0
Chloride	Lin1		16670394		10.1	10.0	0.7	10.0
Sulfate	Lin1		12193351		9.82	10.0	-1.8	10.0
Bromide	Lin1		6462945		9.39	10.0	-6.1	10.0

FORM VII 300.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Lab Sample ID: CCV 860-50784/56 Calibration Date: 04/29/2022 08:42

Instrument ID: A166 Calib Start Date: 04/27/2022 13:47

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 04/27/2022 15:51

Lab File ID: 29_Apr_2022 08_42.d

Analyte	RT	RT WINDOW	
		FROM	TO
Fluoride	3.26	3.01	3.51
Chloride	4.51	4.25	4.75
Sulfate	6.51	6.15	6.65
Bromide	7.46	7.25	7.75

Form VII 300.0

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 860-50784/25

Matrix: Water Lab File ID: 29_Apr_2022 01_32.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 04/29/2022 01:32

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.: 50784 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 Houston Job No.: 860-24865-1

SDG No.:

Client Sample ID: Lab Sample ID: CCB 860-50784/2

Matrix: Water Lab File ID: 28_Apr_2022 13_25.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 04/28/2022 13:25

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.: 50784 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 Houston Job No.: 860-24865-1

SDG No.:

Client Sample ID: Lab Sample ID: CCB 860-50784/14

Matrix: Water Lab File ID: 28_Apr_2022 16_33.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 04/28/2022 16:33

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.: 50784 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 Houston Job No.: 860-24865-1

SDG No.:

Client Sample ID: Lab Sample ID: CCB 860-50784/24

Matrix: Water Lab File ID: 29_Apr_2022 01_18.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 04/29/2022 01:18

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.: 50784 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 Houston Job No.: 860-24865-1

SDG No.:

Client Sample ID: Lab Sample ID: CCB 860-50784/36

Matrix: Water Lab File ID: 29_Apr_2022 04_04.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 04/29/2022 04:04

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.: 50784 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 Houston Job No.: 860-24865-1

SDG No.:

Client Sample ID: Lab Sample ID: CCB 860-50784/48

Matrix: Water Lab File ID: 29_Apr_2022 06_51.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 04/29/2022 06:51

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.: 50784 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	0.1145	J	0.500	0.109

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Client Sample ID: Lab Sample ID: CCB 860-50784/57

Matrix: Water Lab File ID: 29_Apr_2022 08_56.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 04/29/2022 08:56

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.: 50784 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	0.1092	J	0.500	0.109

FORM I 300.0

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Client Sample ID: Lab Sample ID: ICB 860-49340/9

Matrix: Water Lab File ID: 19_Apr_2022 00_03.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 04/19/2022 00:03

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.: 49340 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 Houston Job No.: 860-24865-1

SDG No.:

Client Sample ID: Lab Sample ID: ICB 860-50533/12

Matrix: Water Lab File ID: 27_Apr_2022 16_47.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 04/27/2022 16:47

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.: 50533 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 Houston Job No.: 860-24865-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 860-50784/26

Matrix: Water Lab File ID: 29_Apr_2022 01_45.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 04/29/2022 01:45

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.: 50784 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	9.734		0.500	0.109

FORM I 300.0

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 860-50784/27

Matrix: Water Lab File ID: 29_Apr_2022 01_59.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 04/29/2022 01:59

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.: 50784 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	9.675		0.500	0.109

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Client Sample ID: Lab Sample ID: LLCS 860-50784/5

Matrix: Water Lab File ID: 28_Apr_2022 14_07.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 04/28/2022 14:07

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.: 50784 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	0.4496	J	0.500	0.109

FORM I 300.0

HPLC/IC ANALYSIS RUN LOG

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Instrument ID: A166 Start Date: 04/16/2022 11:45

Analysis Batch Number: 49141 End Date: 04/17/2022 18:01

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
		04/16/2022 11:45	1		AS-18 0.004(mm)
		04/16/2022 11:58	1		AS-18 0.004(mm)
		04/16/2022 12:12	1		AS-18 0.004(mm)
		04/16/2022 12:25	1		AS-18 0.004(mm)
IC 860-49141/1		04/16/2022 14:34	1	16_Apr_2022 14_34.d	AS-18 0.004(mm)
IC 860-49141/2		04/16/2022 14:47	1	16_Apr_2022 14_47.d	AS-18 0.004(mm)
IC 860-49141/3		04/16/2022 15:01	1	16_Apr_2022 15_01.d	AS-18 0.004(mm)
IC 860-49141/4		04/16/2022 15:15	1	16_Apr_2022 15_15.d	AS-18 0.004(mm)
IC 860-49141/5		04/16/2022 15:28	1	16_Apr_2022 15_28.d	AS-18 0.004(mm)
IC 860-49141/6		04/16/2022 15:42	1	16_Apr_2022 15_42.d	AS-18 0.004(mm)
IC 860-49141/7		04/16/2022 15:56	1	16_Apr_2022 15_56.d	AS-18 0.004(mm)
IC 860-49141/8		04/16/2022 16:09	1	16_Apr_2022 16_09.d	AS-18 0.004(mm)
IC 860-49141/9		04/16/2022 16:23	1	16_Apr_2022 16_23.d	AS-18 0.004(mm)
IC 860-49141/10		04/16/2022 16:36	1	16_Apr_2022 16_36.d	AS-18 0.004(mm)
ICV 860-49141/11		04/16/2022 17:17	1		AS-18 0.004(mm)
ICB 860-49141/12		04/16/2022 17:31	1		AS-18 0.004(mm)
ZZZZZ		04/16/2022 18:14	1		AS-18 0.004(mm)
ZZZZZ		04/16/2022 18:27	1		AS-18 0.004(mm)
ZZZZZ		04/16/2022 18:41	1		AS-18 0.004(mm)
ZZZZZ		04/16/2022 18:55	1		AS-18 0.004(mm)
ZZZZZ		04/16/2022 19:09	1		AS-18 0.004(mm)
ZZZZZ		04/16/2022 19:23	1		AS-18 0.004(mm)
ZZZZZ		04/16/2022 19:37	1		AS-18 0.004(mm)
ZZZZZ		04/16/2022 19:51	1		AS-18 0.004(mm)
ZZZZZ		04/16/2022 20:05	1		AS-18 0.004(mm)
ZZZZZ		04/16/2022 20:18	1		AS-18 0.004(mm)
CCV 860-49141/23		04/16/2022 20:32	1		AS-18 0.004(mm)
CCB 860-49141/24		04/16/2022 20:46	1		AS-18 0.004(mm)
ZZZZZ		04/16/2022 21:00	100		AS-18 0.004(mm)
ZZZZZ		04/16/2022 21:14	100		AS-18 0.004(mm)
ZZZZZ		04/16/2022 21:28	100		AS-18 0.004(mm)
ZZZZZ		04/16/2022 21:42	100		AS-18 0.004(mm)
ZZZZZ		04/16/2022 21:55	100		AS-18 0.004(mm)
ZZZZZ		04/16/2022 22:09	100		AS-18 0.004(mm)
ZZZZZ		04/16/2022 22:23	10		AS-18 0.004(mm)
ZZZZZ		04/16/2022 22:37	10		AS-18 0.004(mm)
ZZZZZ		04/16/2022 22:51	1		AS-18 0.004(mm)
ZZZZZ		04/16/2022 23:05	1		AS-18 0.004(mm)
CCV 860-49141/39		04/16/2022 23:19	1		AS-18 0.004(mm)
CCB 860-49141/40		04/16/2022 23:33	1		AS-18 0.004(mm)
ZZZZZ		04/16/2022 23:47	1		AS-18 0.004(mm)

300.0

HPLC/IC ANALYSIS RUN LOG

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Instrument ID: A166 Start Date: 04/16/2022 11:45

Analysis Batch Number: 49141 End Date: 04/17/2022 18:01

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		04/17/2022 00:00	1		AS-18 0.004(mm)
ZZZZZ		04/17/2022 00:14	1		AS-18 0.004(mm)
ZZZZZ		04/17/2022 00:28	1		AS-18 0.004(mm)
ZZZZZ		04/17/2022 00:42	1		AS-18 0.004(mm)
ZZZZZ		04/17/2022 00:56	1		AS-18 0.004(mm)
ZZZZZ		04/17/2022 01:10	1		AS-18 0.004(mm)
ZZZZZ		04/17/2022 01:23	1		AS-18 0.004(mm)
ZZZZZ		04/17/2022 01:37	1		AS-18 0.004(mm)
CCV 860-49141/50		04/17/2022 01:51	1		AS-18 0.004(mm)
CCB 860-49141/51		04/17/2022 02:05	1		AS-18 0.004(mm)
ZZZZZ		04/17/2022 02:19	1		AS-18 0.004(mm)
ZZZZZ		04/17/2022 02:33	1		AS-18 0.004(mm)
ZZZZZ		04/17/2022 02:47	1		AS-18 0.004(mm)
ZZZZZ		04/17/2022 03:01	1		AS-18 0.004(mm)
ZZZZZ		04/17/2022 03:14	1		AS-18 0.004(mm)
ZZZZZ		04/17/2022 03:28	1		AS-18 0.004(mm)
ZZZZZ		04/17/2022 03:42	1		AS-18 0.004(mm)
ZZZZZ		04/17/2022 03:56	1		AS-18 0.004(mm)
ZZZZZ		04/17/2022 04:10	1		AS-18 0.004(mm)
ZZZZZ		04/17/2022 04:24	1		AS-18 0.004(mm)
CCV 860-49141/62		04/17/2022 04:37	1		AS-18 0.004(mm)
CCB 860-49141/63		04/17/2022 04:51	1		AS-18 0.004(mm)
ZZZZZ		04/17/2022 05:05	1		AS-18 0.004(mm)
ZZZZZ		04/17/2022 05:19	1		AS-18 0.004(mm)
ZZZZZ		04/17/2022 05:33	1		AS-18 0.004(mm)
ZZZZZ		04/17/2022 05:47	1		AS-18 0.004(mm)
ZZZZZ		04/17/2022 06:01	1		AS-18 0.004(mm)
ZZZZZ		04/17/2022 06:14	1		AS-18 0.004(mm)
ZZZZZ		04/17/2022 06:28	1		AS-18 0.004(mm)
ZZZZZ		04/17/2022 06:42	1		AS-18 0.004(mm)
ZZZZZ		04/17/2022 06:56	1		AS-18 0.004(mm)
ZZZZZ		04/17/2022 07:10	1		AS-18 0.004(mm)
CCV 860-49141/74		04/17/2022 07:24	1		AS-18 0.004(mm)
CCB 860-49141/75		04/17/2022 07:38	1		AS-18 0.004(mm)
ZZZZZ		04/17/2022 07:51	1		AS-18 0.004(mm)
ZZZZZ		04/17/2022 08:05	1		AS-18 0.004(mm)
ZZZZZ		04/17/2022 08:19	1		AS-18 0.004(mm)
ZZZZZ		04/17/2022 08:33	1		AS-18 0.004(mm)
ZZZZZ		04/17/2022 08:47	1		AS-18 0.004(mm)
ZZZZZ		04/17/2022 09:01	10		AS-18 0.004(mm)
ZZZZZ		04/17/2022 09:15	1		AS-18 0.004(mm)
ZZZZZ		04/17/2022 09:29	10		AS-18 0.004(mm)
ZZZZZ		04/17/2022 09:42	1		AS-18 0.004(mm)
ZZZZZ		04/17/2022 09:56	10		AS-18 0.004(mm)
CCV 860-49141/85		04/17/2022 10:10	1		AS-18 0.004(mm)

300.0

HPLC/IC ANALYSIS RUN LOG

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Instrument ID: A166 Start Date: 04/16/2022 11:45

Analysis Batch Number: 49141 End Date: 04/17/2022 18:01

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCB 860-49141/86		04/17/2022 10:24	1		AS-18 0.004(mm)
ZZZZZ		04/17/2022 10:38	1		AS-18 0.004(mm)
ZZZZZ		04/17/2022 10:52	1		AS-18 0.004(mm)
ZZZZZ		04/17/2022 11:06	1		AS-18 0.004(mm)
ZZZZZ		04/17/2022 11:19	100		AS-18 0.004(mm)
ZZZZZ		04/17/2022 11:33	100		AS-18 0.004(mm)
ZZZZZ		04/17/2022 11:47	100		AS-18 0.004(mm)
ZZZZZ		04/17/2022 12:01	100		AS-18 0.004(mm)
ZZZZZ		04/17/2022 12:15	100		AS-18 0.004(mm)
ZZZZZ		04/17/2022 12:29	100		AS-18 0.004(mm)
ZZZZZ		04/17/2022 12:43	10		AS-18 0.004(mm)
CCV 860-49141/98		04/17/2022 12:57	1		AS-18 0.004(mm)
CCB 860-49141/99		04/17/2022 13:10	1		AS-18 0.004(mm)
ZZZZZ		04/17/2022 13:24	10		AS-18 0.004(mm)
ZZZZZ		04/17/2022 13:38	1		AS-18 0.004(mm)
ZZZZZ		04/17/2022 13:52	1		AS-18 0.004(mm)
ZZZZZ		04/17/2022 14:06	1		AS-18 0.004(mm)
ZZZZZ		04/17/2022 14:20	1		AS-18 0.004(mm)
ZZZZZ		04/17/2022 14:34	1		AS-18 0.004(mm)
ZZZZZ		04/17/2022 14:47	1		AS-18 0.004(mm)
ZZZZZ		04/17/2022 15:01	1		AS-18 0.004(mm)
ZZZZZ		04/17/2022 15:15	1		AS-18 0.004(mm)
ZZZZZ		04/17/2022 15:29	1		AS-18 0.004(mm)
CCV 860-49141/110		04/17/2022 15:43	1		AS-18 0.004(mm)
CCB 860-49141/111		04/17/2022 15:57	1		AS-18 0.004(mm)
ZZZZZ		04/17/2022 16:11	1		AS-18 0.004(mm)
ZZZZZ		04/17/2022 16:24	1		AS-18 0.004(mm)
ZZZZZ		04/17/2022 16:38	1		AS-18 0.004(mm)
ZZZZZ		04/17/2022 16:52	1		AS-18 0.004(mm)
ZZZZZ		04/17/2022 17:06	1		AS-18 0.004(mm)
ZZZZZ		04/17/2022 17:20	1		AS-18 0.004(mm)
ZZZZZ		04/17/2022 17:34	1		AS-18 0.004(mm)
CCV 860-49141/119		04/17/2022 17:47	1		AS-18 0.004(mm)
CCB 860-49141/120		04/17/2022 18:01	1		AS-18 0.004(mm)

300.0

HPLC/IC ANALYSIS RUN LOG

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Instrument ID: A166 Start Date: 04/18/2022 21:55

Analysis Batch Number: 49340 End Date: 04/19/2022 04:07

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
IC 860-49340/1		04/18/2022 21:55	1		AS-18 0.004(mm)
IC 860-49340/2		04/18/2022 22:09	1		AS-18 0.004(mm)
IC 860-49340/3		04/18/2022 22:24	1		AS-18 0.004(mm)
IC 860-49340/4		04/18/2022 22:38	1		AS-18 0.004(mm)
IC 860-49340/5		04/18/2022 22:52	1		AS-18 0.004(mm)
ICRT 860-49340/6		04/18/2022 23:06	1		AS-18 0.004(mm)
IC 860-49340/7		04/18/2022 23:21	1		AS-18 0.004(mm)
ICV 860-49340/8		04/18/2022 23:49	1		AS-18 0.004(mm)
ICB 860-49340/9		04/19/2022 00:03	1	19_Apr_2022 00_03.d	AS-18 0.004(mm)
ZZZZZ		04/19/2022 00:18	1		AS-18 0.004(mm)
ZZZZZ		04/19/2022 00:32	1		AS-18 0.004(mm)
ZZZZZ		04/19/2022 00:46	1		AS-18 0.004(mm)
ZZZZZ		04/19/2022 01:00	250		AS-18 0.004(mm)
ZZZZZ		04/19/2022 01:15	250		AS-18 0.004(mm)
ZZZZZ		04/19/2022 01:29	250		AS-18 0.004(mm)
ZZZZZ		04/19/2022 01:43	500		AS-18 0.004(mm)
ZZZZZ		04/19/2022 01:57	5000		AS-18 0.004(mm)
ZZZZZ		04/19/2022 02:11	250		AS-18 0.004(mm)
ZZZZZ		04/19/2022 02:26	500		AS-18 0.004(mm)
CCV 860-49340/20		04/19/2022 02:40	1		AS-18 0.004(mm)
CCB 860-49340/21		04/19/2022 02:54	1		AS-18 0.004(mm)
ZZZZZ		04/19/2022 03:08	5000		AS-18 0.004(mm)
ZZZZZ		04/19/2022 03:23	250		AS-18 0.004(mm)
ZZZZZ		04/19/2022 03:37	500		AS-18 0.004(mm)
CCV 860-49340/26		04/19/2022 03:53	1		AS-18 0.004(mm)
CCB 860-49340/27		04/19/2022 04:07	1		AS-18 0.004(mm)

HPLC/IC ANALYSIS RUN LOG

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Instrument ID: A166 Start Date: 04/27/2022 13:47

Analysis Batch Number: 50533 End Date: 04/28/2022 12:00

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
IC 860-50533/1		04/27/2022 13:47	1	27_Apr_2022 13_47.d	AS-18 0.004(mm)
IC 860-50533/2		04/27/2022 14:00	1	27_Apr_2022 14_00.d	AS-18 0.004(mm)
IC 860-50533/3		04/27/2022 14:14	1	27_Apr_2022 14_14.d	AS-18 0.004(mm)
IC 860-50533/4		04/27/2022 14:28	1	27_Apr_2022 14_28.d	AS-18 0.004(mm)
IC 860-50533/5		04/27/2022 14:42	1	27_Apr_2022 14_42.d	AS-18 0.004(mm)
IC 860-50533/6		04/27/2022 14:56	1	27_Apr_2022 14_56.d	AS-18 0.004(mm)
IC 860-50533/7		04/27/2022 15:10	1	27_Apr_2022 15_10.d	AS-18 0.004(mm)
IC 860-50533/8		04/27/2022 15:23	1	27_Apr_2022 15_23.d	AS-18 0.004(mm)
IC 860-50533/9		04/27/2022 15:37	1	27_Apr_2022 15_37.d	AS-18 0.004(mm)
IC 860-50533/10		04/27/2022 15:51	1	27_Apr_2022 15_51.d	AS-18 0.004(mm)
ICV 860-50533/11		04/27/2022 16:33	1	27_Apr_2022 16_33.d	AS-18 0.004(mm)
ICB 860-50533/12		04/27/2022 16:47	1	27_Apr_2022 16_47.d	AS-18 0.004(mm)
ZZZZZ		04/27/2022 17:00	1		AS-18 0.004(mm)
ZZZZZ		04/27/2022 17:14	1		AS-18 0.004(mm)
ZZZZZ		04/27/2022 17:28	1		AS-18 0.004(mm)
ZZZZZ		04/27/2022 17:42	1		AS-18 0.004(mm)
ZZZZZ		04/27/2022 17:56	1		AS-18 0.004(mm)
ZZZZZ		04/27/2022 18:24	1		AS-18 0.004(mm)
CCV 860-50533/20		04/27/2022 18:38	1		AS-18 0.004(mm)
CCB 860-50533/21		04/27/2022 18:51	1		AS-18 0.004(mm)
ZZZZZ		04/27/2022 19:05	1		AS-18 0.004(mm)
ZZZZZ		04/27/2022 19:19	1		AS-18 0.004(mm)
ZZZZZ		04/27/2022 19:33	1		AS-18 0.004(mm)
ZZZZZ		04/27/2022 19:47	1		AS-18 0.004(mm)
ZZZZZ		04/27/2022 20:01	1		AS-18 0.004(mm)
ZZZZZ		04/27/2022 20:15	1		AS-18 0.004(mm)
ZZZZZ		04/27/2022 20:29	1		AS-18 0.004(mm)
ZZZZZ		04/27/2022 20:42	1		AS-18 0.004(mm)
ZZZZZ		04/27/2022 20:59	1		AS-18 0.004(mm)
ZZZZZ		04/27/2022 21:12	10		AS-18 0.004(mm)
CCV 860-50533/32		04/27/2022 21:26	1		AS-18 0.004(mm)
CCB 860-50533/33		04/27/2022 21:40	1		AS-18 0.004(mm)
ZZZZZ		04/27/2022 21:54	1		AS-18 0.004(mm)
ZZZZZ		04/27/2022 22:08	10		AS-18 0.004(mm)
ZZZZZ		04/27/2022 22:22	1		AS-18 0.004(mm)
ZZZZZ		04/27/2022 22:36	10		AS-18 0.004(mm)
ZZZZZ		04/27/2022 22:49	1		AS-18 0.004(mm)
ZZZZZ		04/27/2022 23:03	10		AS-18 0.004(mm)
ZZZZZ		04/27/2022 23:17	1		AS-18 0.004(mm)
ZZZZZ		04/27/2022 23:31	10		AS-18 0.004(mm)

300.0

HPLC/IC ANALYSIS RUN LOG

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Instrument ID: A166 Start Date: 04/27/2022 13:47

Analysis Batch Number: 50533 End Date: 04/28/2022 12:00

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		04/27/2022 23:45	1		AS-18 0.004(mm)
ZZZZZ		04/27/2022 23:59	10		AS-18 0.004(mm)
CCV 860-50533/44		04/28/2022 00:13	1		AS-18 0.004(mm)
CCB 860-50533/45		04/28/2022 00:27	1		AS-18 0.004(mm)
ZZZZZ		04/28/2022 00:41	1		AS-18 0.004(mm)
ZZZZZ		04/28/2022 00:54	1		AS-18 0.004(mm)
ZZZZZ		04/28/2022 01:08	1		AS-18 0.004(mm)
ZZZZZ		04/28/2022 01:22	1		AS-18 0.004(mm)
ZZZZZ		04/28/2022 01:36	10		AS-18 0.004(mm)
ZZZZZ		04/28/2022 01:50	100		AS-18 0.004(mm)
ZZZZZ		04/28/2022 02:04	100		AS-18 0.004(mm)
ZZZZZ		04/28/2022 02:17	100		AS-18 0.004(mm)
ZZZZZ		04/28/2022 02:31	100		AS-18 0.004(mm)
ZZZZZ		04/28/2022 02:45	100		AS-18 0.004(mm)
CCV 860-50533/56		04/28/2022 02:59	1		AS-18 0.004(mm)
CCB 860-50533/57		04/28/2022 03:13	1		AS-18 0.004(mm)
ZZZZZ		04/28/2022 03:27	1		AS-18 0.004(mm)
ZZZZZ		04/28/2022 03:41	1		AS-18 0.004(mm)
ZZZZZ		04/28/2022 03:54	1		AS-18 0.004(mm)
ZZZZZ		04/28/2022 04:08	1		AS-18 0.004(mm)
ZZZZZ		04/28/2022 04:22	1		AS-18 0.004(mm)
ZZZZZ		04/28/2022 04:36	1		AS-18 0.004(mm)
ZZZZZ		04/28/2022 04:50	1		AS-18 0.004(mm)
ZZZZZ		04/28/2022 05:04	1		AS-18 0.004(mm)
ZZZZZ		04/28/2022 05:18	1		AS-18 0.004(mm)
CCV 860-50533/67		04/28/2022 05:32	1		AS-18 0.004(mm)
CCB 860-50533/68		04/28/2022 05:46	1		AS-18 0.004(mm)
ZZZZZ		04/28/2022 05:59	1		AS-18 0.004(mm)
ZZZZZ		04/28/2022 06:13	1		AS-18 0.004(mm)
ZZZZZ		04/28/2022 06:27	1		AS-18 0.004(mm)
ZZZZZ		04/28/2022 06:41	1		AS-18 0.004(mm)
ZZZZZ		04/28/2022 06:55	1		AS-18 0.004(mm)
ZZZZZ		04/28/2022 07:09	1		AS-18 0.004(mm)
CCV 860-50533/75		04/28/2022 07:23	1		AS-18 0.004(mm)
CCB 860-50533/76		04/28/2022 07:36	1		AS-18 0.004(mm)
ZZZZZ		04/28/2022 07:50	1		AS-18 0.004(mm)
ZZZZZ		04/28/2022 08:04	1		AS-18 0.004(mm)
ZZZZZ		04/28/2022 08:18	1		AS-18 0.004(mm)
ZZZZZ		04/28/2022 08:32	1		AS-18 0.004(mm)
ZZZZZ		04/28/2022 08:46	10		AS-18 0.004(mm)
ZZZZZ		04/28/2022 09:00	1		AS-18 0.004(mm)
ZZZZZ		04/28/2022 09:14	1		AS-18 0.004(mm)
ZZZZZ		04/28/2022 09:27	1		AS-18 0.004(mm)
ZZZZZ		04/28/2022 09:41	1		AS-18 0.004(mm)
ZZZZZ		04/28/2022 09:55	1		AS-18 0.004(mm)

300.0

HPLC/IC ANALYSIS RUN LOG

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Instrument ID: A166 Start Date: 04/27/2022 13:47

Analysis Batch Number: 50533 End Date: 04/28/2022 12:00

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 860-50533/87		04/28/2022 10:09	1		AS-18 0.004(mm)
CCB 860-50533/88		04/28/2022 10:23	1		AS-18 0.004(mm)
ZZZZZ		04/28/2022 10:37	1		AS-18 0.004(mm)
ZZZZZ		04/28/2022 10:51	1		AS-18 0.004(mm)
ZZZZZ		04/28/2022 11:05	10		AS-18 0.004(mm)
ZZZZZ		04/28/2022 11:18	10		AS-18 0.004(mm)
ZZZZZ		04/28/2022 11:32	1		AS-18 0.004(mm)
CCV 860-50533/94		04/28/2022 11:46	1		AS-18 0.004(mm)
CCB 860-50533/95		04/28/2022 12:00	1		AS-18 0.004(mm)

300.0

HPLC/IC ANALYSIS RUN LOG

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Instrument ID: A166 Start Date: 04/28/2022 13:11

Analysis Batch Number: 50784 End Date: 04/29/2022 08:56

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVRT 860-50784/1		04/28/2022 13:11	1	28_Apr_2022 13_11.d	AS-18 0.004(mm)
CCB 860-50784/2		04/28/2022 13:25	1	28_Apr_2022 13_25.d	AS-18 0.004(mm)
ZZZZZ		04/28/2022 13:39	1		AS-18 0.004(mm)
ZZZZZ		04/28/2022 13:53	1		AS-18 0.004(mm)
LLCS 860-50784/5		04/28/2022 14:07	1	28_Apr_2022 14_07.d	AS-18 0.004(mm)
ZZZZZ		04/28/2022 14:20	1		AS-18 0.004(mm)
ZZZZZ		04/28/2022 14:34	1		AS-18 0.004(mm)
ZZZZZ		04/28/2022 15:09	1		AS-18 0.004(mm)
ZZZZZ		04/28/2022 15:23	1		AS-18 0.004(mm)
ZZZZZ		04/28/2022 15:37	1		AS-18 0.004(mm)
ZZZZZ		04/28/2022 15:51	1		AS-18 0.004(mm)
ZZZZZ		04/28/2022 16:05	1		AS-18 0.004(mm)
CCV 860-50784/13		04/28/2022 16:19	1	28_Apr_2022 16_19.d	AS-18 0.004(mm)
CCB 860-50784/14		04/28/2022 16:33	1	28_Apr_2022 16_33.d	AS-18 0.004(mm)
ZZZZZ		04/28/2022 16:46	1		AS-18 0.004(mm)
ZZZZZ		04/28/2022 17:00	1		AS-18 0.004(mm)
ZZZZZ		04/28/2022 17:14	1		AS-18 0.004(mm)
ZZZZZ		04/28/2022 17:28	1		AS-18 0.004(mm)
ZZZZZ		04/28/2022 17:42	1		AS-18 0.004(mm)
ZZZZZ		04/28/2022 17:56	1		AS-18 0.004(mm)
CCV 860-50784/21		04/28/2022 18:09	1		AS-18 0.004(mm)
CCB 860-50784/22		04/28/2022 18:23	1		AS-18 0.004(mm)
CCV 860-50784/23		04/29/2022 01:04	1	29_Apr_2022 01_04.d	AS-18 0.004(mm)
CCB 860-50784/24		04/29/2022 01:18	1	29_Apr_2022 01_18.d	AS-18 0.004(mm)
MB 860-50784/25		04/29/2022 01:32	1	29_Apr_2022 01_32.d	AS-18 0.004(mm)
LCS 860-50784/26		04/29/2022 01:45	1	29_Apr_2022 01_45.d	AS-18 0.004(mm)
LCSD 860-50784/27		04/29/2022 01:59	1	29_Apr_2022 01_59.d	AS-18 0.004(mm)
ZZZZZ		04/29/2022 02:13	1		AS-18 0.004(mm)
ZZZZZ		04/29/2022 02:27	1		AS-18 0.004(mm)
ZZZZZ		04/29/2022 02:41	1		AS-18 0.004(mm)
ZZZZZ		04/29/2022 02:55	10		AS-18 0.004(mm)
ZZZZZ		04/29/2022 03:09	10		AS-18 0.004(mm)
ZZZZZ		04/29/2022 03:23	100		AS-18 0.004(mm)
ZZZZZ		04/29/2022 03:37	100		AS-18 0.004(mm)
CCV 860-50784/35		04/29/2022 03:51	1	29_Apr_2022 03_51.d	AS-18 0.004(mm)
CCB 860-50784/36		04/29/2022 04:04	1	29_Apr_2022 04_04.d	AS-18 0.004(mm)
ZZZZZ		04/29/2022 04:18	100		AS-18 0.004(mm)
ZZZZZ		04/29/2022 04:32	100		AS-18 0.004(mm)
ZZZZZ		04/29/2022 04:46	100		AS-18 0.004(mm)
ZZZZZ		04/29/2022 05:00	100		AS-18 0.004(mm)

300.0

HPLC/IC ANALYSIS RUN LOG

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Instrument ID: A166 Start Date: 04/28/2022 13:11

Analysis Batch Number: 50784 End Date: 04/29/2022 08:56

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		04/29/2022 05:14	100		AS-18 0.004(mm)
860-24865-14	Artesia-MW36-04192022	04/29/2022 05:28	10	29_Apr_2022 05_28.d	AS-18 0.004(mm)
860-24865-15	Artesia-MW38-04192022	04/29/2022 05:41	10	29_Apr_2022 05_41.d	AS-18 0.004(mm)
860-24865-16	Artesia-MW37-04192022	04/29/2022 05:55	10	29_Apr_2022 05_55.d	AS-18 0.004(mm)
860-24865-17	Artesia-MW17C-04192022	04/29/2022 06:09	10	29_Apr_2022 06_09.d	AS-18 0.004(mm)
860-24865-18	Artesia-MW11-04192022	04/29/2022 06:23	10	29_Apr_2022 06_23.d	AS-18 0.004(mm)
CCV 860-50784/47		04/29/2022 06:37	1	29_Apr_2022 06_37.d	AS-18 0.004(mm)
CCB 860-50784/48		04/29/2022 06:51	1	29_Apr_2022 06_51.d	AS-18 0.004(mm)
860-24865-20	Artesia-MW12-04192022	04/29/2022 07:05	10	29_Apr_2022 07_05.d	AS-18 0.004(mm)
ZZZZZ		04/29/2022 07:19	1		AS-18 0.004(mm)
ZZZZZ		04/29/2022 07:33	1		AS-18 0.004(mm)
ZZZZZ		04/29/2022 07:46	1		AS-18 0.004(mm)
ZZZZZ		04/29/2022 08:00	1		AS-18 0.004(mm)
ZZZZZ		04/29/2022 08:14	1		AS-18 0.004(mm)
ZZZZZ		04/29/2022 08:28	10		AS-18 0.004(mm)
CCV 860-50784/56		04/29/2022 08:42	1	29_Apr_2022 08_42.d	AS-18 0.004(mm)
CCB 860-50784/57		04/29/2022 08:56	1	29_Apr_2022 08_56.d	AS-18 0.004(mm)

300.0

HPLC/IC BATCH WORKSHEET

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Batch Number: 50784 Batch Start Date: 04/28/22 13:11 Batch Analyst: Prommek, Warangkhana

Batch Method: 300.0 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	WC-IC-P1 00002	WC-IC-P2 00004	WC-IC-S1 00004	WC-IC-S2 00005	
CCVRT 860-50784/1		300.0		0 mL	0.5 mL	1 mL			
CCB 860-50784/2		300.0		0 mL					
LLCS 860-50784/5		300.0		0 mL	0.05 mL	0.05 mL			
CCV 860-50784/13		300.0		0 mL			0.5 mL	1 mL	
CCB 860-50784/14		300.0		0 mL					
CCV 860-50784/23		300.0		0 mL			0.5 mL	1 mL	
CCB 860-50784/24		300.0		0 mL					
MB 860-50784/25		300.0		0 mL					
LCS 860-50784/26		300.0		0 mL	0.5 mL	1 mL			
LCSD 860-50784/27		300.0		0 mL	0.5 mL	1 mL			
CCV 860-50784/35		300.0		0 mL			0.5 mL	1 mL	
CCB 860-50784/36		300.0		0 mL					
860-24865-D-14	Artesia-MW36-041 92022	300.0	T	0 mL					
860-24865-D-15	Artesia-MW38-041 92022	300.0	T	0 mL					
860-24865-D-16	Artesia-MW37-041 92022	300.0	T	0 mL					
860-24865-D-17	Artesia-MW17C-04 192022	300.0	T	0 mL					
860-24865-D-18	Artesia-MW11-041 92022	300.0	T	0 mL					
CCV 860-50784/47		300.0		0 mL			0.5 mL	1 mL	
CCB 860-50784/48		300.0		0 mL					
860-24865-D-20	Artesia-MW12-041 92022	300.0	T	0 mL					
CCV 860-50784/56		300.0		0 mL			0.5 mL	1 mL	
CCB 860-50784/57		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 Houston Job No.: 860-24865-1

SDG No.:

Batch Number: 50784 Batch Start Date: 04/28/22 13:11 Batch Analyst: Prommek, Warangkhana

Batch Method: 300.0 Batch End Date:

Batch Notes	
Filter ID	0.2 um F2600-2 00319667
Pipette/Syringe/Dispenser ID	WC40WC46WC43
Eluent 1 ID	436335
Batch Comment	Syringes LOT 1260971 PART 7944-06

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

COVER PAGE
GENERAL CHEMISTRY

Lab Name: Eurofins Houston Job Number: 860-24865-1

SDG No.:

Project: Dowell - Artesia

Client Sample ID	Lab Sample ID
Artesia-MW36-04192022	860-24865-14
Artesia-MW38-04192022	860-24865-15
Artesia-MW37-04192022	860-24865-16
Artesia-MW17C-04192022	860-24865-17
Artesia-MW11-04192022	860-24865-18
Artesia-MW12-04192022	860-24865-20

Comments:

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: Artesia-MW36-04192022 Lab Sample ID: 860-24865-14

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG ID.:

Matrix: Water Date Sampled: 04/19/2022 12:25

Reporting Basis: WET Date Received: 04/21/2022 10:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon	12.7	10.0	5.00	mg/L			10	SM 5310C

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: Artesia-MW38-04192022 Lab Sample ID: 860-24865-15

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG ID.:

Matrix: Water Date Sampled: 04/19/2022 14:20

Reporting Basis: WET Date Received: 04/21/2022 10:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon	2.23	1.00	0.500	mg/L			1	SM 5310C

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: Artesia-MW37-04192022 Lab Sample ID: 860-24865-16

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG ID.:

Matrix: Water Date Sampled: 04/19/2022 15:45

Reporting Basis: WET Date Received: 04/21/2022 10:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon	1.67	1.00	0.500	mg/L			1	SM 5310C

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: Artesia-MW17C-04192022 Lab Sample ID: 860-24865-17

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG ID.:

Matrix: Water Date Sampled: 04/19/2022 17:05

Reporting Basis: WET Date Received: 04/21/2022 10:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon	0.779	1.00	0.500	mg/L	J		1	SM 5310C

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: Artesia-MW11-04192022 Lab Sample ID: 860-24865-18

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG ID.:

Matrix: Water Date Sampled: 04/20/2022 10:20

Reporting Basis: WET Date Received: 04/21/2022 10:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon	1.18	1.00	0.500	mg/L			1	SM 5310C

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: Artesia-MW12-04192022 Lab Sample ID: 860-24865-20

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG ID.:

Matrix: Water Date Sampled: 04/20/2022 09:10

Reporting Basis: WET Date Received: 04/21/2022 10:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon	2.56	2.00	1.00	mg/L			2	SM 5310C

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Analyst: ADL Batch Start Date: 04/27/2022

Reporting Units: mg/L Analytical Batch No.: 50745

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
3	ICV	17:47	Total Organic Carbon	9.408	10.0	94	90-110		WC-TOC-ICV_00099
4	CCB	18:02	Total Organic Carbon	0.500				U	
15	CCV	20:50	Total Organic Carbon	9.515	10.0	95	90-110		WC-TOC-ICV_00099
16	CCB	21:05	Total Organic Carbon	0.500				U	
24	CCV	23:05	Total Organic Carbon	9.386	10.0	94	90-110		WC-TOC-ICV_00099
25	CCB	23:20	Total Organic Carbon	0.500				U	
32	CCV	01:05	Total Organic Carbon	9.298	10.0	93	90-110		WC-TOC-ICV_00099
33	CCB	01:20	Total Organic Carbon	0.500				U	

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM II-IN

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Analyst: ADL Batch Start Date: 04/28/2022

Reporting Units: mg/L Analytical Batch No.: 50947

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
3	ICV	13:36	Total Organic Carbon	10.14	10.0	101	90-110		WC-TOC-ICV_00099
4	CCB	13:51	Total Organic Carbon	0.500				U	
15	CCV	16:37	Total Organic Carbon	10.18	10.0	102	90-110		WC-TOC-ICV_00099
16	CCB	16:52	Total Organic Carbon	0.500				U	
27	CCV	19:37	Total Organic Carbon	10.17	10.0	102	90-110		WC-TOC-ICV_00099
28	CCB	19:52	Total Organic Carbon	0.500				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 Houston Job No.: 860-24865-1

SDG No.:

Method	Lab Sample ID	Analyte	Result	Qual	Units	RL	Dil
Batch ID: 50745	Date: 04/27/2022 18:17						
SM 5310C	MB 860-50745/5	Total Organic Carbon	0.500	U	mg/L	1.00	1
Batch ID: 50947	Date: 04/28/2022 14:06						
SM 5310C	MB 860-50947/5	Total Organic Carbon	0.500	U	mg/L	1.00	1

FORM III-IN

7A-IN
LAB CONTROL SAMPLE
GENERAL CHEMISTRY

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 50745	Date: 04/27/2022 18:32										
						LCS Source: WC-TOC-LCS_00116					
SM 5310C	LCS 860-50745/6	Total Organic Carbon	4.727		mg/L	5.00	95	90-110	1	20	
Batch ID: 50947	Date: 04/28/2022 14:21										
						LCS Source: WC-TOC-LCS_00116					
SM 5310C	LCS 860-50947/6	Total Organic Carbon	5.178		mg/L	5.00	104	90-110	4	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA-IN

7A-IN
LAB CONTROL SAMPLE DUPLICATE
GENERAL CHEMISTRY

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 50745	Date: 04/27/2022 18:47										
						LCSD Source: WC-TOC-LCS_00116					
SM 5310C	LCSD 860-50745/7	Total Organic Carbon	4.754		mg/L	5.00	95	90-110	1	20	
Batch ID: 50947	Date: 04/28/2022 14:36										
						LCSD Source: WC-TOC-LCS_00116					
SM 5310C	LCSD 860-50947/7	Total Organic Carbon	4.993		mg/L	5.00	100	90-110	4	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA-IN

7A-IN
LOW LEVEL CONTROL SAMPLE
GENERAL CHEMISTRY

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 50745	Date: 04/27/2022 19:02										
						LCS Source: WC-TOC-P_00009					
SM 5310C	LLCS 860-50745/8	Total Organic Carbon	0.9720	J	mg/L	1.00	97	50-150			
Batch ID: 50947	Date: 04/28/2022 14:51										
						LCS Source: WC-TOC-P_00009					
SM 5310C	LLCS 860-50947/8	Total Organic Carbon	1.157		mg/L	1.00	116	50-150			

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 Houston Job Number: 860-24865-1

SDG Number:

Matrix: Water Instrument ID: A278

Method: SM 5310C MDL Date: 08/21/2019 16:03

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Total Organic Carbon		1	0.5

FORM IX - IN

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins Houston Job Number: 860-24865-1

SDG Number:

Matrix: Water Instrument ID: A278

Method: SM 5310C XMDL Date: 08/21/2019 16:03

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Total Organic Carbon		1	0.5

FORM IX - IN

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins Houston Job Number: 860-24865-1

SDG Number:

Matrix: Water Instrument ID: A345

Method: SM 5310C MDL Date: 08/21/2019 16:03

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Total Organic Carbon		1	0.5

FORM IX - IN

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins Houston Job Number: 860-24865-1

SDG Number:

Matrix: Water Instrument ID: A345

Method: SM 5310C XMDL Date: 08/21/2019 16:03

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Total Organic Carbon		1	0.5

FORM IX - IN

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Instrument ID: A278 Analysis Method: SM 5310C

Start Date: 04/28/2022 12:38 End Date: 04/29/2022 05:56

Lab Sample Id	D/F	Type	Time	Analytes																								
				TOC																								
ZZZZZZ			12:38																									
ZZZZZZ			12:59																									
ICV 860-50947/3	1		13:36	X																								
CCB 860-50947/4	1		13:51	X																								
MB 860-50947/5	1	T	14:06	X																								
LCS 860-50947/6	1	T	14:21	X																								
LCSD 860-50947/7	1	T	14:36	X																								
LLCS 860-50947/8	1	T	14:51	X																								
ZZZZZZ			15:07																									
ZZZZZZ			15:22																									
ZZZZZZ			15:37																									
ZZZZZZ			15:52																									
ZZZZZZ			16:07																									
ZZZZZZ			16:22																									
CCV 860-50947/15	1		16:37	X																								
CCB 860-50947/16	1		16:52	X																								
860-24865-15	1	T	17:07	X																								
860-24865-16	1	T	17:22	X																								
860-24865-17	1	T	17:37	X																								
860-24865-18	1	T	17:52	X																								
860-24865-20	2	T	18:07	X																								
ZZZZZZ			18:22																									
ZZZZZZ			18:37																									
ZZZZZZ			18:52																									
ZZZZZZ			19:07																									
ZZZZZZ			19:22																									
CCV 860-50947/27	1		19:37	X																								
CCB 860-50947/28	1		19:52	X																								
ZZZZZZ			20:07																									
ZZZZZZ			20:22																									
ZZZZZZ			20:37																									
ZZZZZZ			20:52																									
ZZZZZZ			21:07																									
ZZZZZZ			21:22																									
ZZZZZZ			21:37																									
ZZZZZZ			21:52																									
CCV 860-50947/37			22:07																									
CCB 860-50947/38			22:22																									
ZZZZZZ			22:37																									
ZZZZZZ			22:53																									
ZZZZZZ			23:08																									

FORM XIII-IN

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Instrument ID: A278 Analysis Method: SM 5310C

Start Date: 04/28/2022 12:38 End Date: 04/29/2022 05:56

Lab Sample Id	D/F	Type	Time	Analytes																								
				TOC																								
ZZZZZZ			23:23																									
ZZZZZZ			23:39																									
ZZZZZZ			23:54																									
ZZZZZZ			00:09																									
ZZZZZZ			00:24																									
ZZZZZZ			00:39																									
ZZZZZZ			00:54																									
CCV 860-50947/49			01:09																									
CCB 860-50947/50			01:24																									
ZZZZZZ			01:40																									
ZZZZZZ			01:55																									
ZZZZZZ			02:10																									
ZZZZZZ			02:25																									
CCV 860-50947/55			02:40																									
CCB 860-50947/56			02:55																									
ZZZZZZ			03:10																									
CCV 860-50947/58			03:25																									
CCB 860-50947/59			03:40																									
ZZZZZZ			03:55																									
CCV 860-50947/61			04:10																									
CCB 860-50947/62			04:25																									
ZZZZZZ			04:40																									
CCV 860-50947/64			04:55																									
CCB 860-50947/65			05:11																									
ZZZZZZ			05:26																									
CCV 860-50947/67			05:41																									
CCB 860-50947/68			05:56																									

Prep Types:
T = Total/NA

FORM XIII-IN

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Instrument ID: A345 Analysis Method: SM 5310C

Start Date: 04/27/2022 16:49 End Date: 04/28/2022 02:21

Lab Sample Id	D/F	Type	Time	Analytes																								
				TOC																								
ZZZZZZ			16:49																									
ZZZZZZ			17:11																									
ICV 860-50745/3	1		17:47	X																								
CCB 860-50745/4	1		18:02	X																								
MB 860-50745/5	1	T	18:17	X																								
LCS 860-50745/6	1	T	18:32	X																								
LCSD 860-50745/7	1	T	18:47	X																								
LLCS 860-50745/8	1	T	19:02	X																								
ZZZZZZ			19:17																									
ZZZZZZ			19:35																									
ZZZZZZ			19:50																									
ZZZZZZ			20:05																									
ZZZZZZ			20:20																									
ZZZZZZ			20:35																									
CCV 860-50745/15	1		20:50	X																								
CCB 860-50745/16	1		21:05	X																								
ZZZZZZ			21:20																									
ZZZZZZ			21:35																									
ZZZZZZ			21:50																									
ZZZZZZ			22:05																									
ZZZZZZ			22:20																									
ZZZZZZ			22:35																									
ZZZZZZ			22:50																									
CCV 860-50745/24	1		23:05	X																								
CCB 860-50745/25	1		23:20	X																								
860-24865-14	10	T	23:35	X																								
ZZZZZZ			23:50																									
ZZZZZZ			00:05																									
ZZZZZZ			00:20																									
ZZZZZZ			00:35																									
ZZZZZZ			00:50																									
CCV 860-50745/32	1		01:05	X																								
CCB 860-50745/33	1		01:20	X																								
ZZZZZZ			01:35																									
ZZZZZZ			01:51																									
CCV 860-50745/36			02:05																									
CCB 860-50745/37			02:21																									

Prep Types:
T = Total/NA

FORM XIII-IN

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Batch Number: 50745 Batch Start Date: 04/27/22 16:49 Batch Analyst: Leon, Andee

Batch Method: SM 5310C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	WC-TOC-ICV 00099	WC-TOC-LCS 00116	WC-TOC-P 00009	
ICV 860-50745/3		SM 5310C		40 mL	40 mL	40 mL			
CCB 860-50745/4		SM 5310C		40 mL	40 mL				
MB 860-50745/5		SM 5310C		40 mL	40 mL				
LCS 860-50745/6		SM 5310C		40 mL	40 mL		40 mL		
LCSD 860-50745/7		SM 5310C		40 mL	40 mL		40 mL		
LLCS 860-50745/8		SM 5310C		40 mL	40 mL			0.04 mL	
CCV 860-50745/15		SM 5310C		40 mL	40 mL	40 mL			
CCB 860-50745/16		SM 5310C		40 mL	40 mL				
CCV 860-50745/24		SM 5310C		40 mL	40 mL	40 mL			
CCB 860-50745/25		SM 5310C		40 mL	40 mL				
860-24865-E-14 ^10	Artesia-MW36-041 92022	SM 5310C	T	40 mL	40 mL				
CCV 860-50745/32		SM 5310C		40 mL	40 mL	40 mL			
CCB 860-50745/33		SM 5310C		40 mL	40 mL				

Batch Notes	
Phosphoric Acid ID	506236
Sodium Persulfate ID	506235
Pipette/Syringe/Dispenser ID	wc40wc43wc60
Batch Comment	ph strips 10bdh20301

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 BATCH WORKSHEET

Lab Name: Eurofins Houston Job No.: 860-24865-1

SDG No.:

Batch Number: 50947 Batch Start Date: 04/28/22 12:38 Batch Analyst: Leon, Andee

Batch Method: SM 5310C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	WC-TOC-ICV 00099	WC-TOC-LCS 00116	WC-TOC-P 00009	
ICV 860-50947/3		SM 5310C		40 mL	40 mL	40 mL			
CCB 860-50947/4		SM 5310C		40 mL	40 mL				
MB 860-50947/5		SM 5310C		40 mL	40 mL				
LCS 860-50947/6		SM 5310C		40 mL	40 mL		40 mL		
LCSD 860-50947/7		SM 5310C		40 mL	40 mL		40 mL		
LLCS 860-50947/8		SM 5310C		40 mL	40 mL			0.04 mL	
CCV 860-50947/15		SM 5310C		40 mL	40 mL	40 mL			
CCB 860-50947/16		SM 5310C		40 mL	40 mL				
860-24865-E-15	Artesia-MW38-041 92022	SM 5310C	T	40 mL	40 mL				
860-24865-E-16	Artesia-MW37-041 92022	SM 5310C	T	40 mL	40 mL				
860-24865-E-17	Artesia-MW17C-04 192022	SM 5310C	T	40 mL	40 mL				
860-24865-E-18	Artesia-MW11-041 92022	SM 5310C	T	40 mL	40 mL				
860-24865-E-20 ^2	Artesia-MW12-041 92022	SM 5310C	T	40 mL	40 mL				
CCV 860-50947/27		SM 5310C		40 mL	40 mL	40 mL			
CCB 860-50947/28		SM 5310C		40 mL	40 mL				

Batch Notes	
Phosphoric Acid ID	506236
Sodium Persulfate ID	506235
Pipette/Syringe/Dispenser ID	wc60wc40wc43
Batch Comment	ph strips 10bdh20301

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: 3/4/2024 2:02:33 PM

Released to Imaging: 3/4/2024 2:02:33 PM
Received by OCD: 3/30/2023 11:30:39 AM

Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins | Environment Testing America

7919-5086-5785

Client Information	Sampler: M. Book	Lab PM: McDaniel, Bethany A	Carrier Tracking No(s): 7192-5085-3466	COC No: 860-9491-3310.1
Client Contact: Aleeca Forsberg	Phone: 262-227-2751	E-Mail: Bethany.McDaniel@et.eurofinsus.com	State of Origin: NM	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): STD			
State, Zip: NM, 87109	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 148021462			
Email: aleeca.forsberg@jacobs.com	WO #: D3542603.C.CS.TPE.AR.22-05-02			
Project Name: Dowell Artesia	Project #: 86000977			
Site: Dowell Schlumberger - Artesia	SSOW#:			

860-24865 Chain of Custody

Preservation Codes:
HCL M Hexane; NaOH N None; Zn Acetate O AsNaO2; Nitric Acid P Na2O4S; NaHSO4 Q Na2SO3; MeOH R Na2S2O3; Amchlor S H2SO4; Ascorbic Acid T TSP Dodecahydrate; Ice U Acetone; DI Water V MCAA; EDTA W pH 4-5; 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	6310C - Total Organic Carbon (TOC)	8260C - Select List	8260C - PCE and 1,1-DCE	Total Number of containers	Special Instructions/Note:
Preservation Code:					X	X	N	S	A	A	X	
Artesia-TB01-04192022	4/19/22	0800	G	Water	N	N			X		2	
Artesia-Inlet-04192022		0830		Water	N	N			X		3	
Artesia-MID-04192022		0935		Water	N	N			X		3	
Artesia-Outlet-04192022		0840		Water	N	N			X		3	
Artesia-MW40-04192022		1310		Water	N	N				X	3	
Artesia-MW39-04192022		1340		Water	N	N				X	3	
Artesia-MW35-04192022		1355		Water	N	N				X	3	
Artesia-MW29-04192022		1430		Water	N	N			X		3	
Artesia-MW28-04192022		1515		Water	N	N			X		3	
Artesia-MW31-04192022		1530		Water	N	N			X		3	
Artesia-MW30-04192022		1610		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) Level 3

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	4/20/2022 1300	Jacobs	FedEx		
FedEx			Pshaffer	4/21/22 1030	Ex

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.

Cooler Temperature(s) °C and Other Remarks: Temp 2.5 IR ID:HOU-332 C/F:-0.9 Corrected Temp: 1.6

Ver 01/16/2019

Page 624 of 1131

Released to Imaging: 3/4/2024 2:02:33 PM
Received by OCD: 3/30/2023 11:30:39 AM

Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: M Booth	Lab PM: McDaniel, Bethany A	Carrier Tracking No(s):	COC No: 860-9491-3310.1
Client Contact: Aleeca Forsberg	Phone: 262 227 2781	E-Mail: Bethany.McDaniel@et.eurofinsus.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): STD			
State, Zip: NM, 87109	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 148021462			
Email: aleeca.forsberg@jacobs.com	WO #: D3542603.C.CS.TPE.AR.22-05-02			
Project Name: Dowell Artesia	Project #: 86000977			
Site: Dowell Schlumberger Artesia	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=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D Sulfate	6310C - Total Organic Carbon (TOC)	8260C - Select List	8260C PCE and 1,1-DCE	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	S	A	A		
Artesia-MD30-04192022	4/19/22	1615	G	Water	N	N			X		3	
Artesia-TB02-04202022	4/20/22	1710	G	Water	N	N			X		2	
Artesia-MW36-041922	4/19/22	1225	G	Water	N	N	X	X	X		9	
Artesia-MW38-041922	4/19/22	1420	G	Water	N	N	X	X	X		5	
Artesia-MW37-041922	4/19/22	1545	G	Water	N	N	X	X	X		5	
Artesia-MW17C-041922	4/19/22	1705	G	Water	N	N	X	X	X		5	
Artesia-MW11-04202022	4/20/22	1020	G	Water	N	N	X	X	X		5	
Artesia-MD11-04202022	4/20/22	1020	G	Water	N	N			X		3	
Artesia-MW12-04202022	4/20/22	0910	G	Water	N	N	X	X	X		5	
				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) Level 3

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	4/20/2022 1300	Jacobs	FedEx		
Relinquished by: FedEx	Date/Time:	Company	Received by:	Date/Time: 4/21/22 1030	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

Login Sample Receipt Checklist

Client: Jacobs Engineering Group, Inc. Job Number: 860-24865-1

Login Number: 24865 **List Source: Eurofins Houston**
List Number: 1
Creator: Palmar, Pedro

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.	N/A	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Data Usability Review: Data Package

Client Name:	**Former Dowell Schlumberger Facility, Artesia, New Mexico**	Project Number:	**D3662204 A.CS.EV.AR.23-05-03**
Project / Affected Property:	**2H2022 Groundwater**	Project Manager:	**Aleeca Forsberg/ABQ**
Laboratory:	**Eurofins Houston**	Lab SDG # / Job #:	**860-35784-1**
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?	☑	☐	☐	2.5 and 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 and TOC: No DV flags applied

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

Client Name:	**Former Dowell Schlumberger Facility, Artesia, New Mexico**	Project Number:	**D3662204 A.CS.EV.AR.23-05-03**
Project / Affected Property:	**2H2022 Groundwater**	Project Manager:	**Aleeca Forsberg/ABQ**
Laboratory:	**Eurofins Houston**	Lab SDG # / Job #:	**860-35784-1**
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 blanks Artesia-TB01-10252022 or Artesia-TB02-10262022.

FD: Precision values between Artesia-MW11-10262022 and field duplicate Artesia-MD11-10262022 were within acceptance criteria.

FD: Precision values between Artesia-MW40-10252022 and field duplicate Artesia-MD40-10252022 were within acceptance criteria.

MS: PCE was recovered high in the MS on sample 860-35784-11 MS, but the recovery was in control limits on the associated MSD, LCS and LCSD and MS/MSD RPDs were within control limits so no flags were applied for the marginal exceedance in the MS.

Data Usability Review: Sulfate (EPA 300) and TOC (5310C)

Client Name:	**Former Dowell Schlumberger Facility, Artesia, New Mexico**	Project Number:	**D3662204 A.CS.EV.AR.23-05-03**
Project / Affected Property:	**2H2022 Groundwater**	Project Manager:	**Aleeca Forsberg/ABQ**
Laboratory:	**Eurofins Houston**	Lab SDG # / Job #:	**860-35784-1**
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

DL: HPLC/IC Method 300_ORGFM_28D: The following samples were diluted to bring the concentration of target analytes within the calibration range: Artesia-MW38-10252022 (860-35784-9), Artesia-MW17C-10252022 (860-35784-10), Artesia-MW36-10252022 (860-35784-11), Artesia-MW11-10262022 (860-35784-21), Artesia-MW12-10262022 (860-35784-23) and Artesia-MW37-10262022 (860-35784-24). Elevated reporting limits (RLs) are provided.

eurofins | Environment Testing

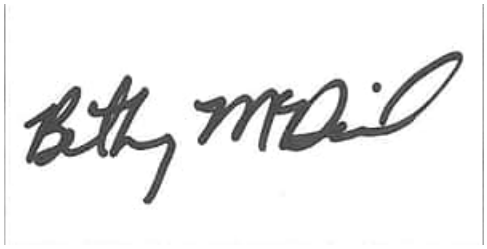
ANALYTICAL REPORT

Job Number: 860-35784-1

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
11/10/2022 10:11 AM

Bethany A McDaniel, Senior Project Manager
4145 Greenbriar Dr, Stafford, TX, 77477
(713)358-2005
Bethany.McDaniel@et.eurofinsus.com
11/10/2022

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 Houston
4145 Greenbriar Dr, Stafford, TX 77477
Tel (281) 240-4200 www.EurofinsUS.com

Table of Contents

Cover Title Page 1
Data Summaries 5
Definitions 5
Case Narrative 6
Detection Summary 7
Client Sample Results 10
Default Detection Limits 19
Surrogate Summary 20
QC Sample Results 21
QC Association 27
Chronicle 29
Certification Summary 33
Method Summary 34
Sample Summary 35
Manual Integration Summary 36
Organic Sample Data 53
GC/MS VOA 53
Method 8260D 53
Method 8260D QC Summary 54
Method 8260D Sample Data 82
Standards Data 106
Method 8260D ICAL Data 106
Method 8260D CCAL Data 362
Raw QC Data 378
Method 8260D Blank Data 378
Method 8260D LCS/LCSD Data 381

Table of Contents

Method 8260D MS/MSD Data 387
Method 8260D Run Logs 390
Method 8260D Prep Data 395
HPLC/IC 400
Method 300.0 400
Method 300.0 QC Summary 401
Method 300.0 Sample Data 412
Standards Data 418
Method 300.0 ICAL Data 418
Method 300.0 CCAL Data 425
Raw QC Data 443
Method 300.0 Blank Data 443
Method 300.0 LCS/LCSD Data 455
Method 300.0 Run Logs 463
Method 300.0 Prep Data 470
Inorganic Sample Data 476
General Chemistry Data 476
Gen Chem Cover Page 477
Gen Chem Sample Data 478
Gen Chem QC Data 484
Gen Chem ICV/CCV 484
Gen Chem Blanks 486
Gen Chem LCS/LCSD 487
Gen Chem MDL 490
Gen Chem Analysis Run Log 492
Gen Chem Prep Data 494

Table of Contents

Shipping and Receiving Documents 496
Client Chain of Custody 497
Sample Receipt Checklist 501

Definitions/Glossary

Client: Jacobs Engineering Group, Inc.
Job ID: 860-35784-1
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
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

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.

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
860-35784-1

Receipt
The samples were received on 10/27/2022 11:12 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 2.5°C and 2.9°C

GC/MS VOA
Method 8260D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 860-75142 were outside control limits. Sample matrix interference and/or non-homogeneity are 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
Method 300_ORGFM_28D: The following samples were diluted to bring the concentration of target analytes within the calibration range: Artesia-MW38-10252022 (860-35784-9), Artesia-MW17C-10252022 (860-35784-10), Artesia-MW36-10252022 (860-35784-11), Artesia-MW11-10262022 (860-35784-21), Artesia-MW12-10262022 (860-35784-23) and Artesia-MW37-10262022 (860-35784-24). 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.

General Chemistry
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: 860-35784-1

Client Sample ID: Artesia-TB01-10252022 — Lab Sample ID: 860-35784-1

No Detections.

Client Sample ID: Artesia-Inlet-10252022 — Lab Sample ID: 860-35784-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.00205		0.00100	0.000635	mg/L	1		8260D	Total/NA
1,1-Dichloroethene	0.00581		0.00100	0.000738	mg/L	1		8260D	Total/NA
Tetrachloroethene	0.00489		0.00100	0.000801	mg/L	1		8260D	Total/NA

Client Sample ID: Artesia-Mid-10252022 — Lab Sample ID: 860-35784-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.00263		0.00100	0.000635	mg/L	1		8260D	Total/NA
1,1-Dichloroethene	0.00619		0.00100	0.000738	mg/L	1		8260D	Total/NA

Client Sample ID: Artesia-Outlet-10252022 — Lab Sample ID: 860-35784-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.00426		0.00100	0.000635	mg/L	1		8260D	Total/NA

Client Sample ID: Artesia-MW40-10252022 — Lab Sample ID: 860-35784-5

No Detections.

Client Sample ID: Artesia-MD40-10252022 — Lab Sample ID: 860-35784-6

No Detections.

Client Sample ID: Artesia-MW39-10252022 — Lab Sample ID: 860-35784-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.00438		0.00100	0.000738	mg/L	1		8260D	Total/NA
Tetrachloroethene	0.00872		0.00100	0.000801	mg/L	1		8260D	Total/NA

Client Sample ID: Artesia-MW35-10252022 — Lab Sample ID: 860-35784-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.0135		0.00100	0.000738	mg/L	1		8260D	Total/NA
Tetrachloroethene	0.0149		0.00100	0.000801	mg/L	1		8260D	Total/NA

Client Sample ID: Artesia-MW38-10252022 — Lab Sample ID: 860-35784-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.0669		0.00100	0.000635	mg/L	1		8260D	Total/NA
1,1-Dichloroethene	0.00122		0.00100	0.000738	mg/L	1		8260D	Total/NA
Benzene	0.00471		0.00100	0.000533	mg/L	1		8260D	Total/NA
Naphthalene	0.00360	J	0.0100	0.00135	mg/L	1		8260D	Total/NA
Tetrachloroethene	0.00177		0.00100	0.000801	mg/L	1		8260D	Total/NA
Sulfate	2080		5.00	1.09	mg/L	10		300.0	Total/NA
Total Organic Carbon	26.4		1.00	0.500	mg/L	1		SM 5310C	Total/NA

Client Sample ID: Artesia-MW17C-10252022 — Lab Sample ID: 860-35784-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	2440		5.00	1.09	mg/L	10		300.0	Total/NA
Total Organic Carbon	0.597	J	1.00	0.500	mg/L	1		SM 5310C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Detection Summary

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

Job ID: 860-35784-1

Client Sample ID: Artesia-MW36-10252022 — Lab Sample ID: 860-35784-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.0111		0.00100	0.000635	mg/L	1		8260D	Total/NA
Benzene	0.000897	J	0.00100	0.000533	mg/L	1		8260D	Total/NA
Tetrachloroethene	0.00294	F1	0.00100	0.000801	mg/L	1		8260D	Total/NA
Sulfate	2200		5.00	1.09	mg/L	10		300.0	Total/NA
Total Organic Carbon	6.88		1.00	0.500	mg/L	1		SM 5310C	Total/NA

Client Sample ID: Artesia-TB02-10262022 — Lab Sample ID: 860-35784-12

No Detections.

Client Sample ID: Artesia-MW30-10262022 — Lab Sample ID: 860-35784-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.000995	J	0.00100	0.000635	mg/L	1		8260D	Total/NA
1,1-Dichloroethene	0.00256		0.00100	0.000738	mg/L	1		8260D	Total/NA
Tetrachloroethene	0.00326		0.00100	0.000801	mg/L	1		8260D	Total/NA

Client Sample ID: Artesia-MW29-10262022 — Lab Sample ID: 860-35784-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.00377		0.00100	0.000635	mg/L	1		8260D	Total/NA
1,1-Dichloroethene	0.00804		0.00100	0.000738	mg/L	1		8260D	Total/NA
Tetrachloroethene	0.0135		0.00100	0.000801	mg/L	1		8260D	Total/NA

Client Sample ID: Artesia-MW28-10262022 — Lab Sample ID: 860-35784-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.00231		0.00100	0.000738	mg/L	1		8260D	Total/NA
Tetrachloroethene	0.00297		0.00100	0.000801	mg/L	1		8260D	Total/NA

Client Sample ID: Artesia-MW34-10262022 — Lab Sample ID: 860-35784-16

No Detections.

Client Sample ID: Artesia-MW31-10262022 — Lab Sample ID: 860-35784-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.00291		0.00100	0.000635	mg/L	1		8260D	Total/NA

Client Sample ID: Artesia-MW22-10262022 — Lab Sample ID: 860-35784-18

No Detections.

Client Sample ID: Artesia-MW25-10262022 — Lab Sample ID: 860-35784-19

No Detections.

Client Sample ID: Artesia-MW32-10262022 — Lab Sample ID: 860-35784-20

No Detections.

Client Sample ID: Artesia-MW11-10262022 — Lab Sample ID: 860-35784-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.00202		0.00100	0.000635	mg/L	1		8260D	Total/NA
Sulfate	2930		5.00	1.09	mg/L	10		300.0	Total/NA
Total Organic Carbon	0.783	J	1.00	0.500	mg/L	1		SM 5310C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Detection Summary

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

Job ID: 860-35784-1

Client Sample ID: Artesia-MD11-10262022 — Lab Sample ID: 860-35784-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.00212		0.00100	0.000635	mg/L	1		8260D	Total/NA

Client Sample ID: Artesia-MW12-10262022 — Lab Sample ID: 860-35784-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.0349		0.00100	0.000635	mg/L	1		8260D	Total/NA
1,1-Dichloroethene	0.00120		0.00100	0.000738	mg/L	1		8260D	Total/NA
Benzene	0.00354		0.00100	0.000533	mg/L	1		8260D	Total/NA
Naphthalene	0.0796		0.0100	0.00135	mg/L	1		8260D	Total/NA
Tetrachloroethene	0.00100		0.00100	0.000801	mg/L	1		8260D	Total/NA
Sulfate	2560		5.00	1.09	mg/L	10		300.0	Total/NA
Total Organic Carbon	2.02		1.00	0.500	mg/L	1		SM 5310C	Total/NA

Client Sample ID: Artesia-MW37-10262022 — Lab Sample ID: 860-35784-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.0638		0.00100	0.000635	mg/L	1		8260D	Total/NA
1,1-Dichloroethene	0.00261		0.00100	0.000738	mg/L	1		8260D	Total/NA
Benzene	0.00639		0.00100	0.000533	mg/L	1		8260D	Total/NA
Naphthalene	0.00170	J	0.0100	0.00135	mg/L	1		8260D	Total/NA
Tetrachloroethene	0.00544		0.00100	0.000801	mg/L	1		8260D	Total/NA
Sulfate	728		5.00	1.09	mg/L	10		300.0	Total/NA
Total Organic Carbon	152		50.0	25.0	mg/L	50		SM 5310C	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: 860-35784-1

Client Sample ID: Artesia-TB01-10252022
Lab Sample ID: 860-35784-1
Date Collected: 10/25/22 08:00
Matrix: Water
Date Received: 10/27/22 11:12

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			10/27/22 15:06	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			10/27/22 15:06	1
Benzene	0.000533	U	0.00100	0.000533	mg/L			10/27/22 15:06	1
Naphthalene	0.00135	U	0.0100	0.00135	mg/L			10/27/22 15:06	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			10/27/22 15:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*63 - 144*		*10/27/22 15:06*	*1*
4-Bromofluorobenzene (Surr)	*101*		*74 - 124*		*10/27/22 15:06*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 131*		*10/27/22 15:06*	*1*
Toluene-d8 (Surr)	*103*		*80 - 117*		*10/27/22 15:06*	*1*

Client Sample ID: Artesia-Inlet-10252022
Lab Sample ID: 860-35784-2
Date Collected: 10/25/22 08:50
Matrix: Water
Date Received: 10/27/22 11:12

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**0.00205**		0.00100	0.000635	mg/L			10/27/22 17:19	1
1,1-Dichloroethene	**0.00581**		0.00100	0.000738	mg/L			10/27/22 17:19	1
Benzene	0.000533	U	0.00100	0.000533	mg/L			10/27/22 17:19	1
Naphthalene	0.00135	U	0.0100	0.00135	mg/L			10/27/22 17:19	1
Tetrachloroethene	**0.00489**		0.00100	0.000801	mg/L			10/27/22 17:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*63 - 144*		*10/27/22 17:19*	*1*
4-Bromofluorobenzene (Surr)	*103*		*74 - 124*		*10/27/22 17:19*	*1*
Dibromofluoromethane (Surr)	*109*		*75 - 131*		*10/27/22 17:19*	*1*
Toluene-d8 (Surr)	*105*		*80 - 117*		*10/27/22 17:19*	*1*

Client Sample ID: Artesia-Mid-10252022
Lab Sample ID: 860-35784-3
Date Collected: 10/25/22 08:55
Matrix: Water
Date Received: 10/27/22 11:12

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**0.00263**		0.00100	0.000635	mg/L			10/27/22 17:38	1
1,1-Dichloroethene	**0.00619**		0.00100	0.000738	mg/L			10/27/22 17:38	1
Benzene	0.000533	U	0.00100	0.000533	mg/L			10/27/22 17:38	1
Naphthalene	0.00135	U	0.0100	0.00135	mg/L			10/27/22 17:38	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			10/27/22 17:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*63 - 144*		*10/27/22 17:38*	*1*
4-Bromofluorobenzene (Surr)	*104*		*74 - 124*		*10/27/22 17:38*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 131*		*10/27/22 17:38*	*1*
Toluene-d8 (Surr)	*105*		*80 - 117*		*10/27/22 17:38*	*1*

Client Sample Results

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

Job ID: 860-35784-1

Client Sample ID: Artesia-Outlet-10252022
Lab Sample ID: 860-35784-4
Date Collected: 10/25/22 09:00
Matrix: Water
Date Received: 10/27/22 11:12

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**0.00426**		0.00100	0.000635	mg/L			10/27/22 17:56	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			10/27/22 17:56	1
Benzene	0.000533	U	0.00100	0.000533	mg/L			10/27/22 17:56	1
Naphthalene	0.00135	U	0.0100	0.00135	mg/L			10/27/22 17:56	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			10/27/22 17:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*63 - 144*		*10/27/22 17:56*	*1*
4-Bromofluorobenzene (Surr)	*108*		*74 - 124*		*10/27/22 17:56*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 131*		*10/27/22 17:56*	*1*
Toluene-d8 (Surr)	*101*		*80 - 117*		*10/27/22 17:56*	*1*

Client Sample ID: Artesia-MW40-10252022
Lab Sample ID: 860-35784-5
Date Collected: 10/25/22 17:00
Matrix: Water
Date Received: 10/27/22 11:12

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			10/27/22 18:15	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			10/27/22 18:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*63 - 144*		*10/27/22 18:15*	*1*
4-Bromofluorobenzene (Surr)	*105*		*74 - 124*		*10/27/22 18:15*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 131*		*10/27/22 18:15*	*1*
Toluene-d8 (Surr)	*100*		*80 - 117*		*10/27/22 18:15*	*1*

Client Sample ID: Artesia-MD40-10252022
Lab Sample ID: 860-35784-6
Date Collected: 10/25/22 17:05
Matrix: Water
Date Received: 10/27/22 11:12

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			10/27/22 18:34	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			10/27/22 18:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*63 - 144*		*10/27/22 18:34*	*1*
4-Bromofluorobenzene (Surr)	*103*		*74 - 124*		*10/27/22 18:34*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 131*		*10/27/22 18:34*	*1*
Toluene-d8 (Surr)	*100*		*80 - 117*		*10/27/22 18:34*	*1*

Client Sample ID: Artesia-MW39-10252022
Lab Sample ID: 860-35784-7
Date Collected: 10/25/22 17:30
Matrix: Water
Date Received: 10/27/22 11:12

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	**0.00438**		0.00100	0.000738	mg/L			10/27/22 18:53	1
Tetrachloroethene	**0.00872**		0.00100	0.000801	mg/L			10/27/22 18:53	1

Client Sample Results

Client: Jacobs Engineering Group, Inc.
Job ID: 860-35784-1
Project/Site: Dowell - Artesia

Client Sample ID: Artesia-MW39-10252022
Lab Sample ID: 860-35784-7
Date Collected: 10/25/22 17:30
Matrix: Water
Date Received: 10/27/22 11:12

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		63 - 144		10/27/22 18:53	1
4-Bromofluorobenzene (Surr)	101		74 - 124		10/27/22 18:53	1
Dibromofluoromethane (Surr)	99		75 - 131		10/27/22 18:53	1
Toluene-d8 (Surr)	104		80 - 117		10/27/22 18:53	1

Client Sample ID: Artesia-MW35-10252022
Lab Sample ID: 860-35784-8
Date Collected: 10/25/22 17:45
Matrix: Water
Date Received: 10/27/22 11:12

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.0135		0.00100	0.000738	mg/L			10/27/22 19:12	1
Tetrachloroethene	0.0149		0.00100	0.000801	mg/L			10/27/22 19:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	116		63 - 144		10/27/22 19:12	1
4-Bromofluorobenzene (Surr)	108		74 - 124		10/27/22 19:12	1
Dibromofluoromethane (Surr)	107		75 - 131		10/27/22 19:12	1
Toluene-d8 (Surr)	101		80 - 117		10/27/22 19:12	1

Client Sample ID: Artesia-MW38-10252022
Lab Sample ID: 860-35784-9
Date Collected: 10/25/22 12:10
Matrix: Water
Date Received: 10/27/22 11:12

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.0669		0.00100	0.000635	mg/L			10/28/22 01:32	1
1,1-Dichloroethene	0.00122		0.00100	0.000738	mg/L			10/28/22 01:32	1
Benzene	0.00471		0.00100	0.000533	mg/L			10/28/22 01:32	1
Naphthalene	0.00360	J	0.0100	0.00135	mg/L			10/28/22 01:32	1
Tetrachloroethene	0.00177		0.00100	0.000801	mg/L			10/28/22 01:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		63 - 144		10/28/22 01:32	1
4-Bromofluorobenzene (Surr)	104		74 - 124		10/28/22 01:32	1
Dibromofluoromethane (Surr)	102		75 - 131		10/28/22 01:32	1
Toluene-d8 (Surr)	101		80 - 117		10/28/22 01:32	1

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	2080		5.00	1.09	mg/L			11/09/22 18:39	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SM 5310C)	26.4		1.00	0.500	mg/L			11/04/22 21:09	1

Client Sample Results

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

Job ID: 860-35784-1

Client Sample ID: Artesia-MW17C-10252022

Lab Sample ID: 860-35784-10

Date Collected: 10/25/22 15:00
Matrix: Water
Date Received: 10/27/22 11:12

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			10/28/22 01:51	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			10/28/22 01:51	1
Benzene	0.000533	U	0.00100	0.000533	mg/L			10/28/22 01:51	1
Naphthalene	0.00135	U	0.0100	0.00135	mg/L			10/28/22 01:51	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			10/28/22 01:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*63 - 144*		*10/28/22 01:51*	*1*
4-Bromofluorobenzene (Surr)	*105*		*74 - 124*		*10/28/22 01:51*	*1*
Dibromofluoromethane (Surr)	*95*		*75 - 131*		*10/28/22 01:51*	*1*
Toluene-d8 (Surr)	*100*		*80 - 117*		*10/28/22 01:51*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**2440**		5.00	1.09	mg/L			11/09/22 18:52	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SM 5310C)	**0.597**	**J**	1.00	0.500	mg/L			11/04/22 20:39	1

Client Sample ID: Artesia-MW36-10252022

Lab Sample ID: 860-35784-11

Date Collected: 10/25/22 18:00
Matrix: Water
Date Received: 10/27/22 11:12

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**0.0111**		0.00100	0.000635	mg/L			10/28/22 01:13	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			10/28/22 01:13	1
Benzene	**0.000897**	**J**	0.00100	0.000533	mg/L			10/28/22 01:13	1
Naphthalene	0.00135	U	0.0100	0.00135	mg/L			10/28/22 01:13	1
Tetrachloroethene	**0.00294**	**F1**	0.00100	0.000801	mg/L			10/28/22 01:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*63 - 144*		*10/28/22 01:13*	*1*
4-Bromofluorobenzene (Surr)	*103*		*74 - 124*		*10/28/22 01:13*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 131*		*10/28/22 01:13*	*1*
Toluene-d8 (Surr)	*103*		*80 - 117*		*10/28/22 01:13*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**2200**		5.00	1.09	mg/L			11/09/22 19:06	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SM 5310C)	**6.88**		1.00	0.500	mg/L			11/04/22 20:55	1

Client Sample Results

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

Job ID: 860-35784-1

Client Sample ID: Artesia-TB02-10262022
Lab Sample ID: 860-35784-12
Date Collected: 10/26/22 07:30
Matrix: Water
Date Received: 10/27/22 11:12

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			10/27/22 15:25	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			10/27/22 15:25	1
Benzene	0.000533	U	0.00100	0.000533	mg/L			10/27/22 15:25	1
Naphthalene	0.00135	U	0.0100	0.00135	mg/L			10/27/22 15:25	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			10/27/22 15:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*63 - 144*		*10/27/22 15:25*	*1*
4-Bromofluorobenzene (Surr)	*102*		*74 - 124*		*10/27/22 15:25*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 131*		*10/27/22 15:25*	*1*
Toluene-d8 (Surr)	*101*		*80 - 117*		*10/27/22 15:25*	*1*

Client Sample ID: Artesia-MW30-10262022
Lab Sample ID: 860-35784-13
Date Collected: 10/26/22 07:45
Matrix: Water
Date Received: 10/27/22 11:12

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**0.000995**	**J**	0.00100	0.000635	mg/L			10/28/22 02:10	1
1,1-Dichloroethene	**0.00256**		0.00100	0.000738	mg/L			10/28/22 02:10	1
Benzene	0.000533	U	0.00100	0.000533	mg/L			10/28/22 02:10	1
Naphthalene	0.00135	U	0.0100	0.00135	mg/L			10/28/22 02:10	1
Tetrachloroethene	**0.00326**		0.00100	0.000801	mg/L			10/28/22 02:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*63 - 144*		*10/28/22 02:10*	*1*
4-Bromofluorobenzene (Surr)	*104*		*74 - 124*		*10/28/22 02:10*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 131*		*10/28/22 02:10*	*1*
Toluene-d8 (Surr)	*102*		*80 - 117*		*10/28/22 02:10*	*1*

Client Sample ID: Artesia-MW29-10262022
Lab Sample ID: 860-35784-14
Date Collected: 10/26/22 08:30
Matrix: Water
Date Received: 10/27/22 11:12

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**0.00377**		0.00100	0.000635	mg/L			10/28/22 02:29	1
1,1-Dichloroethene	**0.00804**		0.00100	0.000738	mg/L			10/28/22 02:29	1
Benzene	0.000533	U	0.00100	0.000533	mg/L			10/28/22 02:29	1
Naphthalene	0.00135	U	0.0100	0.00135	mg/L			10/28/22 02:29	1
Tetrachloroethene	**0.0135**		0.00100	0.000801	mg/L			10/28/22 02:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*63 - 144*		*10/28/22 02:29*	*1*
4-Bromofluorobenzene (Surr)	*100*		*74 - 124*		*10/28/22 02:29*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 131*		*10/28/22 02:29*	*1*
Toluene-d8 (Surr)	*100*		*80 - 117*		*10/28/22 02:29*	*1*

Client Sample Results

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

Job ID: 860-35784-1

Client Sample ID: Artesia-MW28-10262022
Lab Sample ID: 860-35784-15
Date Collected: 10/26/22 08:50
Matrix: Water
Date Received: 10/27/22 11:12

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			10/28/22 23:18	1
1,1-Dichloroethene	**0.00231**		0.00100	0.000738	mg/L			10/28/22 23:18	1
Benzene	0.000533	U	0.00100	0.000533	mg/L			10/28/22 23:18	1
Naphthalene	0.00135	U	0.0100	0.00135	mg/L			10/28/22 23:18	1
Tetrachloroethene	**0.00297**		0.00100	0.000801	mg/L			10/28/22 23:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*63 - 144*		*10/28/22 23:18*	*1*
4-Bromofluorobenzene (Surr)	*104*		*74 - 124*		*10/28/22 23:18*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 131*		*10/28/22 23:18*	*1*
Toluene-d8 (Surr)	*102*		*80 - 117*		*10/28/22 23:18*	*1*

Client Sample ID: Artesia-MW34-10262022
Lab Sample ID: 860-35784-16
Date Collected: 10/26/22 09:15
Matrix: Water
Date Received: 10/27/22 11:12

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			10/28/22 23:39	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			10/28/22 23:39	1
Benzene	0.000533	U	0.00100	0.000533	mg/L			10/28/22 23:39	1
Naphthalene	0.00135	U	0.0100	0.00135	mg/L			10/28/22 23:39	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			10/28/22 23:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*63 - 144*		*10/28/22 23:39*	*1*
4-Bromofluorobenzene (Surr)	*100*		*74 - 124*		*10/28/22 23:39*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 131*		*10/28/22 23:39*	*1*
Toluene-d8 (Surr)	*100*		*80 - 117*		*10/28/22 23:39*	*1*

Client Sample ID: Artesia-MW31-10262022
Lab Sample ID: 860-35784-17
Date Collected: 10/26/22 09:41
Matrix: Water
Date Received: 10/27/22 11:12

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**0.00291**		0.00100	0.000635	mg/L			10/28/22 23:59	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			10/28/22 23:59	1
Benzene	0.000533	U	0.00100	0.000533	mg/L			10/28/22 23:59	1
Naphthalene	0.00135	U	0.0100	0.00135	mg/L			10/28/22 23:59	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			10/28/22 23:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*63 - 144*		*10/28/22 23:59*	*1*
4-Bromofluorobenzene (Surr)	*99*		*74 - 124*		*10/28/22 23:59*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 131*		*10/28/22 23:59*	*1*
Toluene-d8 (Surr)	*101*		*80 - 117*		*10/28/22 23:59*	*1*

Client Sample Results

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

Job ID: 860-35784-1

Client Sample ID: Artesia-MW22-10262022
Lab Sample ID: 860-35784-18
Date Collected: 10/26/22 10:00
Matrix: Water
Date Received: 10/27/22 11:12

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			10/29/22 00:20	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			10/29/22 00:20	1
Benzene	0.000533	U	0.00100	0.000533	mg/L			10/29/22 00:20	1
Naphthalene	0.00135	U	0.0100	0.00135	mg/L			10/29/22 00:20	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			10/29/22 00:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*63 - 144*		*10/29/22 00:20*	*1*
4-Bromofluorobenzene (Surr)	*101*		*74 - 124*		*10/29/22 00:20*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 131*		*10/29/22 00:20*	*1*
Toluene-d8 (Surr)	*100*		*80 - 117*		*10/29/22 00:20*	*1*

Client Sample ID: Artesia-MW25-10262022
Lab Sample ID: 860-35784-19
Date Collected: 10/26/22 11:10
Matrix: Water
Date Received: 10/27/22 11:12

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			10/29/22 00:40	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			10/29/22 00:40	1
Benzene	0.000533	U	0.00100	0.000533	mg/L			10/29/22 00:40	1
Naphthalene	0.00135	U	0.0100	0.00135	mg/L			10/29/22 00:40	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			10/29/22 00:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*63 - 144*		*10/29/22 00:40*	*1*
4-Bromofluorobenzene (Surr)	*101*		*74 - 124*		*10/29/22 00:40*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 131*		*10/29/22 00:40*	*1*
Toluene-d8 (Surr)	*100*		*80 - 117*		*10/29/22 00:40*	*1*

Client Sample ID: Artesia-MW32-10262022
Lab Sample ID: 860-35784-20
Date Collected: 10/26/22 11:30
Matrix: Water
Date Received: 10/27/22 11:12

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			10/29/22 01:01	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			10/29/22 01:01	1
Benzene	0.000533	U	0.00100	0.000533	mg/L			10/29/22 01:01	1
Naphthalene	0.00135	U	0.0100	0.00135	mg/L			10/29/22 01:01	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			10/29/22 01:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*63 - 144*		*10/29/22 01:01*	*1*
4-Bromofluorobenzene (Surr)	*103*		*74 - 124*		*10/29/22 01:01*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 131*		*10/29/22 01:01*	*1*
Toluene-d8 (Surr)	*100*		*80 - 117*		*10/29/22 01:01*	*1*

Client Sample Results

Client: Jacobs Engineering Group, Inc.
Job ID: 860-35784-1
Project/Site: Dowell - Artesia

Client Sample ID: Artesia-MW11-10262022
Lab Sample ID: 860-35784-21
Date Collected: 10/26/22 12:55
Matrix: Water
Date Received: 10/27/22 11:12

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**0.00202**		0.00100	0.000635	mg/L			10/29/22 01:21	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			10/29/22 01:21	1
Benzene	0.000533	U	0.00100	0.000533	mg/L			10/29/22 01:21	1
Naphthalene	0.00135	U	0.0100	0.00135	mg/L			10/29/22 01:21	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			10/29/22 01:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*63 - 144*		*10/29/22 01:21*	*1*
4-Bromofluorobenzene (Surr)	*100*		*74 - 124*		*10/29/22 01:21*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 131*		*10/29/22 01:21*	*1*
Toluene-d8 (Surr)	*100*		*80 - 117*		*10/29/22 01:21*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**2930**		5.00	1.09	mg/L			11/09/22 19:20	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SM 5310C)	**0.783**	**J**	1.00	0.500	mg/L			11/07/22 14:29	1

Client Sample ID: Artesia-MD11-10262022
Lab Sample ID: 860-35784-22
Date Collected: 10/26/22 13:00
Matrix: Water
Date Received: 10/27/22 11:12

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**0.00212**		0.00100	0.000635	mg/L			10/29/22 01:42	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			10/29/22 01:42	1
Benzene	0.000533	U	0.00100	0.000533	mg/L			10/29/22 01:42	1
Naphthalene	0.00135	U	0.0100	0.00135	mg/L			10/29/22 01:42	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			10/29/22 01:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*63 - 144*		*10/29/22 01:42*	*1*
4-Bromofluorobenzene (Surr)	*100*		*74 - 124*		*10/29/22 01:42*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 131*		*10/29/22 01:42*	*1*
Toluene-d8 (Surr)	*99*		*80 - 117*		*10/29/22 01:42*	*1*

Client Sample ID: Artesia-MW12-10262022
Lab Sample ID: 860-35784-23
Date Collected: 10/26/22 09:30
Matrix: Water
Date Received: 10/27/22 11:12

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**0.0349**		0.00100	0.000635	mg/L			10/29/22 05:28	1
1,1-Dichloroethene	**0.00120**		0.00100	0.000738	mg/L			10/29/22 05:28	1
Benzene	**0.00354**		0.00100	0.000533	mg/L			10/29/22 05:28	1
Naphthalene	**0.0796**		0.0100	0.00135	mg/L			10/29/22 05:28	1
Tetrachloroethene	**0.00100**		0.00100	0.000801	mg/L			10/29/22 05:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*63 - 144*		*10/29/22 05:28*	*1*

Client Sample Results

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

Job ID: 860-35784-1

Client Sample ID: Artesia-MW12-10262022

Lab Sample ID: 860-35784-23

Date Collected: 10/26/22 09:30
Matrix: Water
Date Received: 10/27/22 11:12

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*74 - 124*		*10/29/22 05:28*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 131*		*10/29/22 05:28*	*1*
Toluene-d8 (Surr)	*100*		*80 - 117*		*10/29/22 05:28*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**2560**		5.00	1.09	mg/L			11/09/22 19:48	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SM 5310C)	**2.02**		1.00	0.500	mg/L			11/07/22 14:44	1

Client Sample ID: Artesia-MW37-10262022

Lab Sample ID: 860-35784-24

Date Collected: 10/26/22 11:20
Matrix: Water
Date Received: 10/27/22 11:12

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**0.0638**		0.00100	0.000635	mg/L			10/29/22 02:02	1
1,1-Dichloroethene	**0.00261**		0.00100	0.000738	mg/L			10/29/22 02:02	1
Benzene	**0.00639**		0.00100	0.000533	mg/L			10/29/22 02:02	1
Naphthalene	**0.00170**	**J**	0.0100	0.00135	mg/L			10/29/22 02:02	1
Tetrachloroethene	**0.00544**		0.00100	0.000801	mg/L			10/29/22 02:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*63 - 144*		*10/29/22 02:02*	*1*
4-Bromofluorobenzene (Surr)	*96*		*74 - 124*		*10/29/22 02:02*	*1*
Dibromofluoromethane (Surr)	*103*		*75 - 131*		*10/29/22 02:02*	*1*
Toluene-d8 (Surr)	*99*		*80 - 117*		*10/29/22 02:02*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**728**		5.00	1.09	mg/L			11/09/22 19:34	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SM 5310C)	**152**		50.0	25.0	mg/L			11/07/22 17:44	50

Default Detection Limits

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

Job ID: 860-35784-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	RL	MDL	Units
1,1-Dichloroethane	0.00100	0.000635	mg/L
1,1-Dichloroethene	0.00100	0.000738	mg/L
Benzene	0.00100	0.000533	mg/L
Naphthalene	0.0100	0.00135	mg/L
Tetrachloroethene	0.00100	0.000801	mg/L

Method: 300.0 - Anions, Ion Chromatography

Analyte	RL	MDL	Units
Sulfate	0.500	0.109	mg/L

General Chemistry

Analyte	RL	MDL	Units
Total Organic Carbon	1.00	0.500	mg/L

Surrogate Summary

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

Job ID: 860-35784-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(63-144)	(74-124)	(75-131)	(80-117)
860-35784-1	Artesia-TB01-10252022	110	101	97	103
860-35784-2	Artesia-Inlet-10252022	114	103	109	105
860-35784-3	Artesia-Mid-10252022	113	104	100	105
860-35784-4	Artesia-Outlet-10252022	114	108	98	101
860-35784-5	Artesia-MW40-10252022	109	105	97	100
860-35784-6	Artesia-MD40-10252022	113	103	102	100
860-35784-7	Artesia-MW39-10252022	112	101	99	104
860-35784-8	Artesia-MW35-10252022	116	108	107	101
860-35784-9	Artesia-MW38-10252022	110	104	102	101
860-35784-10	Artesia-MW17C-10252022	105	105	95	100
860-35784-11	Artesia-MW36-10252022	107	103	96	103
860-35784-11 MS	Artesia-MW36-10252022	97	105	101	100
860-35784-11 MSD	Artesia-MW36-10252022	93	104	100	98
860-35784-12	Artesia-TB02-10262022	108	102	100	101
860-35784-13	Artesia-MW30-10262022	111	104	96	102
860-35784-14	Artesia-MW29-10262022	111	100	96	100
860-35784-15	Artesia-MW28-10262022	103	104	98	102
860-35784-15 MS	Artesia-MW28-10262022	98	98	98	98
860-35784-16	Artesia-MW34-10262022	103	100	99	100
860-35784-17	Artesia-MW31-10262022	101	99	101	101
860-35784-18	Artesia-MW22-10262022	101	101	99	100
860-35784-19	Artesia-MW25-10262022	100	101	101	100
860-35784-20	Artesia-MW32-10262022	104	103	102	100
860-35784-21	Artesia-MW11-10262022	101	100	100	100
860-35784-22	Artesia-MD11-10262022	101	100	102	99
860-35784-23	Artesia-MW12-10262022	99	101	97	100
860-35784-24	Artesia-MW37-10262022	102	96	103	99
LCS 860-75008/3	Lab Control Sample	97	104	99	99
LCS 860-75142/3	Lab Control Sample	98	102	98	97
LCS 860-75272/3	Lab Control Sample	97	98	98	97
LCSD 860-75008/4	Lab Control Sample Dup	94	104	94	97
LCSD 860-75142/4	Lab Control Sample Dup	96	103	99	98
LCSD 860-75272/4	Lab Control Sample Dup	98	98	98	98
MB 860-75008/10	Method Blank	108	108	94	103
MB 860-75142/11	Method Blank	104	98	94	97
MB 860-75272/9	Method Blank	99	98	99	98

Surrogate Legend

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

QC Sample Results

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

Job ID: 860-35784-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 860-75008/10
Matrix: Water
Analysis Batch: 75008

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			10/27/22 12:34	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			10/27/22 12:34	1
Benzene	0.000533	U	0.00100	0.000533	mg/L			10/27/22 12:34	1
Naphthalene	0.00135	U	0.0100	0.00135	mg/L			10/27/22 12:34	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			10/27/22 12:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*63 - 144*		*10/27/22 12:34*	*1*
4-Bromofluorobenzene (Surr)	*108*		*74 - 124*		*10/27/22 12:34*	*1*
Dibromofluoromethane (Surr)	*94*		*75 - 131*		*10/27/22 12:34*	*1*
Toluene-d8 (Surr)	*103*		*80 - 117*		*10/27/22 12:34*	*1*

Lab Sample ID: LCS 860-75008/3
Matrix: Water
Analysis Batch: 75008

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1-Dichloroethane			0.0500	0.05774		mg/L		115	70 - 130		
1,1-Dichloroethene			0.0500	0.05228		mg/L		105	50 - 150		
Benzene			0.0500	0.05750		mg/L		115	75 - 125		
Naphthalene			0.0500	0.04697		mg/L		94	70 - 130		
Tetrachloroethene			0.0500	0.06203		mg/L		124	71 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*63 - 144*
4-Bromofluorobenzene (Surr)	*104*		*74 - 124*
Dibromofluoromethane (Surr)	*99*		*75 - 131*
Toluene-d8 (Surr)	*99*		*80 - 117*

Lab Sample ID: LCSD 860-75008/4
Matrix: Water
Analysis Batch: 75008

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-Dichloroethane			0.0500	0.05620		mg/L		112	70 - 130	3	25
1,1-Dichloroethene			0.0500	0.05123		mg/L		102	50 - 150	2	25
Benzene			0.0500	0.05587		mg/L		112	75 - 125	3	25
Naphthalene			0.0500	0.05051		mg/L		101	70 - 130	7	25
Tetrachloroethene			0.0500	0.06094		mg/L		122	71 - 125	2	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*94*		*63 - 144*
4-Bromofluorobenzene (Surr)	*104*		*74 - 124*
Dibromofluoromethane (Surr)	*94*		*75 - 131*
Toluene-d8 (Surr)	*97*		*80 - 117*

QC Sample Results

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

Job ID: 860-35784-1

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

Lab Sample ID: MB 860-75142/11
Matrix: Water
Analysis Batch: 75142

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			10/27/22 23:57	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			10/27/22 23:57	1
Benzene	0.000533	U	0.00100	0.000533	mg/L			10/27/22 23:57	1
Naphthalene	0.00135	U	0.0100	0.00135	mg/L			10/27/22 23:57	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			10/27/22 23:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*63 - 144*		*10/27/22 23:57*	*1*
4-Bromofluorobenzene (Surr)	*98*		*74 - 124*		*10/27/22 23:57*	*1*
Dibromofluoromethane (Surr)	*94*		*75 - 131*		*10/27/22 23:57*	*1*
Toluene-d8 (Surr)	*97*		*80 - 117*		*10/27/22 23:57*	*1*

Lab Sample ID: LCS 860-75142/3
Matrix: Water
Analysis Batch: 75142

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1-Dichloroethane			0.0500	0.05493		mg/L		110	70 - 130		
1,1-Dichloroethene			0.0500	0.04792		mg/L		96	50 - 150		
Benzene			0.0500	0.05414		mg/L		108	75 - 125		
Naphthalene			0.0500	0.05229		mg/L		105	70 - 130		
Tetrachloroethene			0.0500	0.05706		mg/L		114	71 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*63 - 144*
4-Bromofluorobenzene (Surr)	*102*		*74 - 124*
Dibromofluoromethane (Surr)	*98*		*75 - 131*
Toluene-d8 (Surr)	*97*		*80 - 117*

Lab Sample ID: LCSD 860-75142/4
Matrix: Water
Analysis Batch: 75142

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-Dichloroethane			0.0500	0.05518		mg/L		110	70 - 130	0	25
1,1-Dichloroethene			0.0500	0.05020		mg/L		100	50 - 150	5	25
Benzene			0.0500	0.05404		mg/L		108	75 - 125	0	25
Naphthalene			0.0500	0.05444		mg/L		109	70 - 130	4	25
Tetrachloroethene			0.0500	0.05774		mg/L		115	71 - 125	1	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*63 - 144*
4-Bromofluorobenzene (Surr)	*103*		*74 - 124*
Dibromofluoromethane (Surr)	*99*		*75 - 131*
Toluene-d8 (Surr)	*98*		*80 - 117*

QC Sample Results

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

Job ID: 860-35784-1

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

Lab Sample ID: 860-35784-11 MS
Matrix: Water
Analysis Batch: 75142

Client Sample ID: Artesia-MW36-10252022
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethane	0.0111		0.0500	0.06907		mg/L		116	72 - 125
1,1-Dichloroethene	0.000738	U	0.0500	0.05053		mg/L		101	59 - 172
Benzene	0.000897	J	0.0500	0.05887		mg/L		116	66 - 142
Naphthalene	0.00135	U	0.0500	0.06511		mg/L		130	70 - 130
Tetrachloroethene	0.00294	F1	0.0500	0.06673	F1	mg/L		128	71 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*63 - 144*
4-Bromofluorobenzene (Surr)	*105*		*74 - 124*
Dibromofluoromethane (Surr)	*101*		*75 - 131*
Toluene-d8 (Surr)	*100*		*80 - 117*

Lab Sample ID: 860-35784-11 MSD
Matrix: Water
Analysis Batch: 75142

Client Sample ID: Artesia-MW36-10252022
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-Dichloroethane	0.0111		0.0500	0.06615		mg/L		110	72 - 125	4	25
1,1-Dichloroethene	0.000738	U	0.0500	0.04885		mg/L		98	59 - 172	3	25
Benzene	0.000897	J	0.0500	0.05596		mg/L		110	66 - 142	5	25
Naphthalene	0.00135	U	0.0500	0.06239		mg/L		125	70 - 130	4	25
Tetrachloroethene	0.00294	F1	0.0500	0.06417		mg/L		122	71 - 125	4	25

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*63 - 144*
4-Bromofluorobenzene (Surr)	*104*		*74 - 124*
Dibromofluoromethane (Surr)	*100*		*75 - 131*
Toluene-d8 (Surr)	*98*		*80 - 117*

Lab Sample ID: MB 860-75272/9
Matrix: Water
Analysis Batch: 75272

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			10/28/22 22:58	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			10/28/22 22:58	1
Benzene	0.000533	U	0.00100	0.000533	mg/L			10/28/22 22:58	1
Naphthalene	0.00135	U	0.0100	0.00135	mg/L			10/28/22 22:58	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			10/28/22 22:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*63 - 144*		*10/28/22 22:58*	*1*
4-Bromofluorobenzene (Surr)	*98*		*74 - 124*		*10/28/22 22:58*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 131*		*10/28/22 22:58*	*1*
Toluene-d8 (Surr)	*98*		*80 - 117*		*10/28/22 22:58*	*1*

QC Sample Results

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

Job ID: 860-35784-1

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

Lab Sample ID: LCS 860-75272/3
Matrix: Water
Analysis Batch: 75272

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethane	0.0500	0.05176		mg/L		104	70 - 130
1,1-Dichloroethene	0.0500	0.04893		mg/L		98	50 - 150
Benzene	0.0500	0.05310		mg/L		106	75 - 125
Naphthalene	0.0500	0.05506		mg/L		110	70 - 130
Tetrachloroethene	0.0500	0.05397		mg/L		108	71 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*63 - 144*
4-Bromofluorobenzene (Surr)	*98*		*74 - 124*
Dibromofluoromethane (Surr)	*98*		*75 - 131*
Toluene-d8 (Surr)	*97*		*80 - 117*

Lab Sample ID: LCSD 860-75272/4
Matrix: Water
Analysis Batch: 75272

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-Dichloroethane	0.0500	0.05054		mg/L		101	70 - 130	2	25
1,1-Dichloroethene	0.0500	0.05253		mg/L		105	50 - 150	7	25
Benzene	0.0500	0.05208		mg/L		104	75 - 125	2	25
Naphthalene	0.0500	0.05663		mg/L		113	70 - 130	3	25
Tetrachloroethene	0.0500	0.05652		mg/L		113	71 - 125	5	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*63 - 144*
4-Bromofluorobenzene (Surr)	*98*		*74 - 124*
Dibromofluoromethane (Surr)	*98*		*75 - 131*
Toluene-d8 (Surr)	*98*		*80 - 117*

Lab Sample ID: 860-35784-15 MS
Matrix: Water
Analysis Batch: 75272

Client Sample ID: Artesia-MW28-10262022
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethane	0.000635	U	0.0500	0.05117		mg/L		102	72 - 125
1,1-Dichloroethene	0.00231		0.0500	0.05378		mg/L		103	59 - 172
Benzene	0.000533	U	0.0500	0.05202		mg/L		104	66 - 142
Naphthalene	0.00135	U	0.0500	0.05592		mg/L		112	70 - 130
Tetrachloroethene	0.00297		0.0500	0.05742		mg/L		109	71 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*63 - 144*
4-Bromofluorobenzene (Surr)	*98*		*74 - 124*
Dibromofluoromethane (Surr)	*98*		*75 - 131*
Toluene-d8 (Surr)	*98*		*80 - 117*

QC Sample Results

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

Job ID: 860-35784-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-76611/3
Matrix: Water
Analysis Batch: 76611

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			11/07/22 12:25	1

Lab Sample ID: MB 860-76611/38
Matrix: Water
Analysis Batch: 76611

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			11/07/22 20:43	1

Lab Sample ID: LCS 860-76611/39
Matrix: Water
Analysis Batch: 76611

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	9.822		mg/L		98	90 - 110

Lab Sample ID: LCS 860-76611/4
Matrix: Water
Analysis Batch: 76611

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	9.646		mg/L		96	90 - 110

Lab Sample ID: LCSD 860-76611/40
Matrix: Water
Analysis Batch: 76611

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	9.802		mg/L		98	90 - 110	0	20

Lab Sample ID: LCSD 860-76611/5
Matrix: Water
Analysis Batch: 76611

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	9.674		mg/L		97	90 - 110	0	20

Lab Sample ID: LLCS 860-76611/7
Matrix: Water
Analysis Batch: 76611

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	0.500	0.5472		mg/L		109	50 - 150

Lab Sample ID: MB 860-76986/3
Matrix: Water
Analysis Batch: 76986

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			11/09/22 14:26	1

QC Sample Results

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

Job ID: 860-35784-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 860-76986/4
Matrix: Water
Analysis Batch: 76986

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	9.978		mg/L		100	90 - 110		

Lab Sample ID: LCSD 860-76986/5
Matrix: Water
Analysis Batch: 76986

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	9.954		mg/L		100	90 - 110	0	20

Lab Sample ID: LLCS 860-76986/7
Matrix: Water
Analysis Batch: 76986

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

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate			0.500	0.5563		mg/L		111	50 - 150		

Method: SM 5310C - TOC

Lab Sample ID: MB 860-76621/3
Matrix: Water
Analysis Batch: 76621

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	0.500	U	1.00	0.500	mg/L			11/04/22 19:25	1

Lab Sample ID: LCS 860-76621/5
Matrix: Water
Analysis Batch: 76621

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Organic Carbon			5.00	5.055		mg/L		101	90 - 110		

Lab Sample ID: LCSD 860-76621/6
Matrix: Water
Analysis Batch: 76621

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
Total Organic Carbon			5.00	4.981		mg/L		100	90 - 110	1	20

Lab Sample ID: LLCS 860-76621/4
Matrix: Water
Analysis Batch: 76621

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

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Organic Carbon			1.00	0.9424	J	mg/L		94	50 - 150		

QC Association Summary

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

Job ID: 860-35784-1

GC/MS VOA

Analysis Batch: 75008

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-35784-1	Artesia-TB01-10252022	Total/NA	Water	8260D	
860-35784-2	Artesia-Inlet-10252022	Total/NA	Water	8260D	
860-35784-3	Artesia-Mid-10252022	Total/NA	Water	8260D	
860-35784-4	Artesia-Outlet-10252022	Total/NA	Water	8260D	
860-35784-5	Artesia-MW40-10252022	Total/NA	Water	8260D	
860-35784-6	Artesia-MD40-10252022	Total/NA	Water	8260D	
860-35784-7	Artesia-MW39-10252022	Total/NA	Water	8260D	
860-35784-8	Artesia-MW35-10252022	Total/NA	Water	8260D	
860-35784-12	Artesia-TB02-10262022	Total/NA	Water	8260D	
MB 860-75008/10	Method Blank	Total/NA	Water	8260D	
LCS 860-75008/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 860-75008/4	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 75142

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-35784-9	Artesia-MW38-10252022	Total/NA	Water	8260D	
860-35784-10	Artesia-MW17C-10252022	Total/NA	Water	8260D	
860-35784-11	Artesia-MW36-10252022	Total/NA	Water	8260D	
860-35784-13	Artesia-MW30-10262022	Total/NA	Water	8260D	
860-35784-14	Artesia-MW29-10262022	Total/NA	Water	8260D	
MB 860-75142/11	Method Blank	Total/NA	Water	8260D	
LCS 860-75142/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 860-75142/4	Lab Control Sample Dup	Total/NA	Water	8260D	
860-35784-11 MS	Artesia-MW36-10252022	Total/NA	Water	8260D	
860-35784-11 MSD	Artesia-MW36-10252022	Total/NA	Water	8260D	

Analysis Batch: 75272

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-35784-15	Artesia-MW28-10262022	Total/NA	Water	8260D	
860-35784-16	Artesia-MW34-10262022	Total/NA	Water	8260D	
860-35784-17	Artesia-MW31-10262022	Total/NA	Water	8260D	
860-35784-18	Artesia-MW22-10262022	Total/NA	Water	8260D	
860-35784-19	Artesia-MW25-10262022	Total/NA	Water	8260D	
860-35784-20	Artesia-MW32-10262022	Total/NA	Water	8260D	
860-35784-21	Artesia-MW11-10262022	Total/NA	Water	8260D	
860-35784-22	Artesia-MD11-10262022	Total/NA	Water	8260D	
860-35784-23	Artesia-MW12-10262022	Total/NA	Water	8260D	
860-35784-24	Artesia-MW37-10262022	Total/NA	Water	8260D	
MB 860-75272/9	Method Blank	Total/NA	Water	8260D	
LCS 860-75272/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 860-75272/4	Lab Control Sample Dup	Total/NA	Water	8260D	
860-35784-15 MS	Artesia-MW28-10262022	Total/NA	Water	8260D	

HPLC/IC

Analysis Batch: 76611

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-76611/3	Method Blank	Total/NA	Water	300.0	
MB 860-76611/38	Method Blank	Total/NA	Water	300.0	
LCS 860-76611/39	Lab Control Sample	Total/NA	Water	300.0	
LCS 860-76611/4	Lab Control Sample	Total/NA	Water	300.0	

QC Association Summary

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

Job ID: 860-35784-1

HPLC/IC (Continued)

Analysis Batch: 76611 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 860-76611/40	Lab Control Sample Dup	Total/NA	Water	300.0	
LCSD 860-76611/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-76611/7	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 76986

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-35784-9	Artesia-MW38-10252022	Total/NA	Water	300.0	
860-35784-10	Artesia-MW17C-10252022	Total/NA	Water	300.0	
860-35784-11	Artesia-MW36-10252022	Total/NA	Water	300.0	
860-35784-21	Artesia-MW11-10262022	Total/NA	Water	300.0	
860-35784-23	Artesia-MW12-10262022	Total/NA	Water	300.0	
860-35784-24	Artesia-MW37-10262022	Total/NA	Water	300.0	
MB 860-76986/3	Method Blank	Total/NA	Water	300.0	
LCS 860-76986/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-76986/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-76986/7	Lab Control Sample	Total/NA	Water	300.0	

General Chemistry

Analysis Batch: 76619

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-35784-21	Artesia-MW11-10262022	Total/NA	Water	SM 5310C	
860-35784-23	Artesia-MW12-10262022	Total/NA	Water	SM 5310C	
860-35784-24	Artesia-MW37-10262022	Total/NA	Water	SM 5310C	

Analysis Batch: 76621

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-35784-9	Artesia-MW38-10252022	Total/NA	Water	SM 5310C	
860-35784-10	Artesia-MW17C-10252022	Total/NA	Water	SM 5310C	
860-35784-11	Artesia-MW36-10252022	Total/NA	Water	SM 5310C	
MB 860-76621/3	Method Blank	Total/NA	Water	SM 5310C	
LCS 860-76621/5	Lab Control Sample	Total/NA	Water	SM 5310C	
LCSD 860-76621/6	Lab Control Sample Dup	Total/NA	Water	SM 5310C	
LLCS 860-76621/4	Lab Control Sample	Total/NA	Water	SM 5310C	

Lab Chronicle

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

Job ID: 860-35784-1

Client Sample ID: Artesia-TB01-10252022
Lab Sample ID: 860-35784-1
Date Collected: 10/25/22 08:00
Matrix: Water
Date Received: 10/27/22 11:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	75008	AN	EET HOU	10/27/22 15:06

Client Sample ID: Artesia-Inlet-10252022
Lab Sample ID: 860-35784-2
Date Collected: 10/25/22 08:50
Matrix: Water
Date Received: 10/27/22 11:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	75008	AN	EET HOU	10/27/22 17:19

Client Sample ID: Artesia-Mid-10252022
Lab Sample ID: 860-35784-3
Date Collected: 10/25/22 08:55
Matrix: Water
Date Received: 10/27/22 11:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	75008	AN	EET HOU	10/27/22 17:38

Client Sample ID: Artesia-Outlet-10252022
Lab Sample ID: 860-35784-4
Date Collected: 10/25/22 09:00
Matrix: Water
Date Received: 10/27/22 11:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	75008	AN	EET HOU	10/27/22 17:56

Client Sample ID: Artesia-MW40-10252022
Lab Sample ID: 860-35784-5
Date Collected: 10/25/22 17:00
Matrix: Water
Date Received: 10/27/22 11:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	75008	AN	EET HOU	10/27/22 18:15

Client Sample ID: Artesia-MD40-10252022
Lab Sample ID: 860-35784-6
Date Collected: 10/25/22 17:05
Matrix: Water
Date Received: 10/27/22 11:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	75008	AN	EET HOU	10/27/22 18:34

Client Sample ID: Artesia-MW39-10252022
Lab Sample ID: 860-35784-7
Date Collected: 10/25/22 17:30
Matrix: Water
Date Received: 10/27/22 11:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	75008	AN	EET HOU	10/27/22 18:53

Lab Chronicle

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

Job ID: 860-35784-1

Client Sample ID: Artesia-MW35-10252022
Lab Sample ID: 860-35784-8
Date Collected: 10/25/22 17:45
Matrix: Water
Date Received: 10/27/22 11:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	75008	AN	EET HOU	10/27/22 19:12

Client Sample ID: Artesia-MW38-10252022
Lab Sample ID: 860-35784-9
Date Collected: 10/25/22 12:10
Matrix: Water
Date Received: 10/27/22 11:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	75142	AN	EET HOU	10/28/22 01:32
Total/NA	Analysis	300.0		10	76986	A1S	EET HOU	11/09/22 18:39
Total/NA	Analysis	SM 5310C		1	76621	YGG	EET HOU	11/04/22 21:09

Client Sample ID: Artesia-MW17C-10252022
Lab Sample ID: 860-35784-10
Date Collected: 10/25/22 15:00
Matrix: Water
Date Received: 10/27/22 11:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	75142	AN	EET HOU	10/28/22 01:51
Total/NA	Analysis	300.0		10	76986	A1S	EET HOU	11/09/22 18:52
Total/NA	Analysis	SM 5310C		1	76621	YGG	EET HOU	11/04/22 20:39

Client Sample ID: Artesia-MW36-10252022
Lab Sample ID: 860-35784-11
Date Collected: 10/25/22 18:00
Matrix: Water
Date Received: 10/27/22 11:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	75142	AN	EET HOU	10/28/22 01:13
Total/NA	Analysis	300.0		10	76986	A1S	EET HOU	11/09/22 19:06
Total/NA	Analysis	SM 5310C		1	76621	YGG	EET HOU	11/04/22 20:55

Client Sample ID: Artesia-TB02-10262022
Lab Sample ID: 860-35784-12
Date Collected: 10/26/22 07:30
Matrix: Water
Date Received: 10/27/22 11:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	75008	AN	EET HOU	10/27/22 15:25

Client Sample ID: Artesia-MW30-10262022
Lab Sample ID: 860-35784-13
Date Collected: 10/26/22 07:45
Matrix: Water
Date Received: 10/27/22 11:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	75142	AN	EET HOU	10/28/22 02:10

Lab Chronicle

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

Job ID: 860-35784-1

Client Sample ID: Artesia-MW29-10262022
Lab Sample ID: 860-35784-14
Date Collected: 10/26/22 08:30
Matrix: Water
Date Received: 10/27/22 11:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	75142	AN	EET HOU	10/28/22 02:29

Client Sample ID: Artesia-MW28-10262022
Lab Sample ID: 860-35784-15
Date Collected: 10/26/22 08:50
Matrix: Water
Date Received: 10/27/22 11:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	75272	NA	EET HOU	10/28/22 23:18

Client Sample ID: Artesia-MW34-10262022
Lab Sample ID: 860-35784-16
Date Collected: 10/26/22 09:15
Matrix: Water
Date Received: 10/27/22 11:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	75272	NA	EET HOU	10/28/22 23:39

Client Sample ID: Artesia-MW31-10262022
Lab Sample ID: 860-35784-17
Date Collected: 10/26/22 09:41
Matrix: Water
Date Received: 10/27/22 11:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	75272	NA	EET HOU	10/28/22 23:59

Client Sample ID: Artesia-MW22-10262022
Lab Sample ID: 860-35784-18
Date Collected: 10/26/22 10:00
Matrix: Water
Date Received: 10/27/22 11:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	75272	NA	EET HOU	10/29/22 00:20

Client Sample ID: Artesia-MW25-10262022
Lab Sample ID: 860-35784-19
Date Collected: 10/26/22 11:10
Matrix: Water
Date Received: 10/27/22 11:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	75272	NA	EET HOU	10/29/22 00:40

Client Sample ID: Artesia-MW32-10262022
Lab Sample ID: 860-35784-20
Date Collected: 10/26/22 11:30
Matrix: Water
Date Received: 10/27/22 11:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	75272	NA	EET HOU	10/29/22 01:01

Lab Chronicle

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

Job ID: 860-35784-1

Client Sample ID: Artesia-MW11-10262022
Lab Sample ID: 860-35784-21
Date Collected: 10/26/22 12:55
Matrix: Water
Date Received: 10/27/22 11:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	75272	NA	EET HOU	10/29/22 01:21
Total/NA	Analysis	300.0		10	76986	A1S	EET HOU	11/09/22 19:20
Total/NA	Analysis	SM 5310C		1	76619	YGG	EET HOU	11/07/22 14:29

Client Sample ID: Artesia-MD11-10262022
Lab Sample ID: 860-35784-22
Date Collected: 10/26/22 13:00
Matrix: Water
Date Received: 10/27/22 11:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	75272	NA	EET HOU	10/29/22 01:42

Client Sample ID: Artesia-MW12-10262022
Lab Sample ID: 860-35784-23
Date Collected: 10/26/22 09:30
Matrix: Water
Date Received: 10/27/22 11:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	75272	NA	EET HOU	10/29/22 05:28
Total/NA	Analysis	300.0		10	76986	A1S	EET HOU	11/09/22 19:48
Total/NA	Analysis	SM 5310C		1	76619	YGG	EET HOU	11/07/22 14:44

Client Sample ID: Artesia-MW37-10262022
Lab Sample ID: 860-35784-24
Date Collected: 10/26/22 11:20
Matrix: Water
Date Received: 10/27/22 11:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	75272	NA	EET HOU	10/29/22 02:02
Total/NA	Analysis	300.0		10	76986	A1S	EET HOU	11/09/22 19:34
Total/NA	Analysis	SM 5310C		50	76619	YGG	EET HOU	11/07/22 17:44

Laboratory References:
EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Accreditation/Certification Summary

Client: Jacobs Engineering Group, Inc.
Job ID: 860-35784-1
Project/Site: Dowell - Artesia

Laboratory: Eurofins Houston

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	88-00759	08-04-23
Florida	NELAP	E871002	06-30-23
Louisiana (All)	NELAP	03054	06-30-23
Oklahoma	State	1306	08-31-23
Texas	NELAP	T104704215-22-47	06-30-23
Texas	TCEQ Water Supply	T104704215	12-31-22
USDA	US Federal Programs	P330-22-00025	03-02-23

Method Summary

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

Job ID: 860-35784-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET HOU
300.0	Anions, Ion Chromatography	MCAWW	EET HOU
SM 5310C	TOC	SM	EET HOU
5030C	Purge and Trap	SW846	EET HOU

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Sample Summary

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

Job ID: 860-35784-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
860-35784-1	Artesia-TB01-10252022	Water	10/25/22 08:00	10/27/22 11:12
860-35784-2	Artesia-Inlet-10252022	Water	10/25/22 08:50	10/27/22 11:12
860-35784-3	Artesia-Mid-10252022	Water	10/25/22 08:55	10/27/22 11:12
860-35784-4	Artesia-Outlet-10252022	Water	10/25/22 09:00	10/27/22 11:12
860-35784-5	Artesia-MW40-10252022	Water	10/25/22 17:00	10/27/22 11:12
860-35784-6	Artesia-MD40-10252022	Water	10/25/22 17:05	10/27/22 11:12
860-35784-7	Artesia-MW39-10252022	Water	10/25/22 17:30	10/27/22 11:12
860-35784-8	Artesia-MW35-10252022	Water	10/25/22 17:45	10/27/22 11:12
860-35784-9	Artesia-MW38-10252022	Water	10/25/22 12:10	10/27/22 11:12
860-35784-10	Artesia-MW17C-10252022	Water	10/25/22 15:00	10/27/22 11:12
860-35784-11	Artesia-MW36-10252022	Water	10/25/22 18:00	10/27/22 11:12
860-35784-12	Artesia-TB02-10262022	Water	10/26/22 07:30	10/27/22 11:12
860-35784-13	Artesia-MW30-10262022	Water	10/26/22 07:45	10/27/22 11:12
860-35784-14	Artesia-MW29-10262022	Water	10/26/22 08:30	10/27/22 11:12
860-35784-15	Artesia-MW28-10262022	Water	10/26/22 08:50	10/27/22 11:12
860-35784-16	Artesia-MW34-10262022	Water	10/26/22 09:15	10/27/22 11:12
860-35784-17	Artesia-MW31-10262022	Water	10/26/22 09:41	10/27/22 11:12
860-35784-18	Artesia-MW22-10262022	Water	10/26/22 10:00	10/27/22 11:12
860-35784-19	Artesia-MW25-10262022	Water	10/26/22 11:10	10/27/22 11:12
860-35784-20	Artesia-MW32-10262022	Water	10/26/22 11:30	10/27/22 11:12
860-35784-21	Artesia-MW11-10262022	Water	10/26/22 12:55	10/27/22 11:12
860-35784-22	Artesia-MD11-10262022	Water	10/26/22 13:00	10/27/22 11:12
860-35784-23	Artesia-MW12-10262022	Water	10/26/22 09:30	10/27/22 11:12
860-35784-24	Artesia-MW37-10262022	Water	10/26/22 11:20	10/27/22 11:12

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Instrument ID: A292 Analysis Batch Number: 73795

Lab Sample ID: IC 860-73795/2 Client Sample ID:

Date Analyzed: 10/19/22 10:02 Lab File ID: E10192209.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Dichlorodifluoromethane	1.07	Peak assignment corrected	V6TD	10/19/22 11:47
Vinyl chloride	1.26	Peak assignment corrected	V6TD	10/19/22 11:47
Ethylene oxide	1.47	Peak assignment corrected	V6TD	10/19/22 11:47
Chloroethane	1.56	Peak assignment corrected	V6TD	10/19/22 11:47
Diethyl ether	1.96	Peak assignment corrected	V6TD	10/19/22 11:47
Acrolein	2.06	Baseline	V6TD	10/19/22 11:48
1,1-Dichloroethene	2.14	Baseline	V6TD	10/19/22 11:48
Iodomethane (Methyl Iodide)	2.26	Baseline	V6TD	10/19/22 11:49
Carbon disulfide	2.30	Baseline	V6TD	10/19/22 11:49
Isopropyl alcohol	2.32	Baseline	V6TD	10/19/22 11:49
Allyl Chloride (3-Chloropropene)	2.42	Baseline	V6TD	10/19/22 11:50
Methyl acetate	2.45	Baseline	V6TD	10/19/22 11:50
tert-Butyl alcohol	2.64	Baseline	V6TD	10/19/22 11:50
MTBE	2.74	Baseline	V6TD	10/19/22 11:50
trans-1,2-Dichloroethene	2.74	Baseline	V6TD	10/19/22 11:50
n-Hexane	2.94	Baseline	V6TD	10/19/22 11:50
1,1-Dichloroethane	3.05	Baseline	V6TD	10/19/22 11:50
Isopropyl ether	3.12	Baseline	V6TD	10/19/22 11:50
2,2-Dichloropropane	3.47	Baseline	V6TD	10/19/22 11:51
2-Butanone	3.50	Baseline	V6TD	10/19/22 11:51
Ethyl acetate	3.55	Baseline	V6TD	10/19/22 11:51
Bromochloromethane	3.64	Baseline	V6TD	10/19/22 11:51
Tetrahydrofuran	3.69	Baseline	V6TD	10/19/22 11:51
1,1,1-Trichloroethane	3.83	Peak assignment corrected	V6TD	10/19/22 12:06
1,1-Dichloropropene	3.95	Baseline	V6TD	10/19/22 11:51
Carbon tetrachloride	3.95	Baseline	V6TD	10/19/22 11:51
Isobutanol	4.06	Baseline	V6TD	10/19/22 11:51
Tert-amyl methyl ether	4.18	Baseline	V6TD	10/19/22 11:52
Trichloroethene	4.55	Baseline	V6TD	10/19/22 11:52
Methylcyclohexane	4.68	Baseline	V6TD	10/19/22 11:52

8260D

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Instrument ID: A292 Analysis Batch Number: 73795

Lab Sample ID: IC 860-73795/2 Client Sample ID:

Date Analyzed: 10/19/22 10:02 Lab File ID: E10192209.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Dibromomethane	4.78	Baseline	V6TD	10/19/22 11:52
Bromodichloromethane	4.89	Baseline	V6TD	10/19/22 11:52
2-Nitropropane	5.05	Peak assignment corrected	V6TD	10/19/22 12:07
2-Chloroethyl vinyl ether	5.11	Baseline	V6TD	10/19/22 11:52
Epichlorohydrin	5.15	Baseline	V6TD	10/19/22 11:53
cis-1,3-Dichloropropene	5.21	Baseline	V6TD	10/19/22 11:53
Toluene	5.44	Baseline	V6TD	10/19/22 11:53
trans-1,3-Dichloropropene	5.59	Baseline	V6TD	10/19/22 11:53
Ethyl methacrylate	5.66	Baseline	V6TD	10/19/22 11:53
Tetrachloroethene	5.82	Baseline	V6TD	10/19/22 11:53
1,3-Dichloropropane	5.84	Baseline	V6TD	10/19/22 11:53
2-Hexanone	5.90	Baseline	V6TD	10/19/22 11:53
Dibromochloromethane	6.00	Baseline	V6TD	10/19/22 11:53
1,2-Dibromoethane	6.08	Baseline	V6TD	10/19/22 11:53
1-Chlorohexane	6.41	Baseline	V6TD	10/19/22 11:54
Chlorobenzene	6.43	Baseline	V6TD	10/19/22 11:54
1,1,1,2-Tetrachloroethane	6.49	Baseline	V6TD	10/19/22 11:54
o-Xylene	6.88	Baseline	V6TD	10/19/22 11:54
1,1,2,2-Tetrachloroethane	7.36	Baseline	V6TD	10/19/22 11:54
1,2,3-Trichloropropane	7.40	Baseline	V6TD	10/19/22 11:54
trans-1,4-Dichloro-2-butene	7.41	Baseline	V6TD	10/19/22 11:55
2-Chlorotoluene	7.52	Baseline	V6TD	10/19/22 11:55
1,2,4-Trimethylbenzene	7.85	Baseline	V6TD	10/19/22 11:55
Benzyl chloride	8.23	Baseline	V6TD	10/19/22 11:55
n-Butylbenzene	8.39	Baseline	V6TD	10/19/22 11:55
1,2-Dibromo-3-Chloropropane	8.99	Baseline	V6TD	10/19/22 11:56
1,2,4-Trichlorobenzene	9.61	Baseline	V6TD	10/19/22 11:56
Hexachlorobutadiene	9.73	Baseline	V6TD	10/19/22 11:57
Naphthalene	9.79	Baseline	V6TD	10/19/22 11:57
1,2,3-Trichlorobenzene	9.98	Baseline	V6TD	10/19/22 11:57

8260D

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Instrument ID: A292 Analysis Batch Number: 73795

Lab Sample ID: IC 860-73795/2 Client Sample ID:

Date Analyzed: 10/19/22 10:02 Lab File ID: E10192209.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1,2-Trichloro-1,2,2-trifluoroethane		Invalid Compound ID	V6TD	10/19/22 11:49
2-Methylnaphthalene		Invalid Compound ID	V6TD	10/19/22 11:57
Acetonitrile		Invalid Compound ID	V6TD	10/19/22 12:05
Cyclohexane		Invalid Compound ID	V6TD	10/19/22 11:51
n-Butanol		Invalid Compound ID	V6TD	10/19/22 11:52

Lab Sample ID: IC 860-73795/3 Client Sample ID:

Date Analyzed: 10/19/22 10:23 Lab File ID: E10192210.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	V6TD	10/19/22 11:58
Acetonitrile	2.41	Peak assignment corrected	V6TD	10/19/22 12:05
2,2-Dichloropropane	3.47	Peak assignment corrected	V6TD	10/19/22 11:58
Bromochloromethane	3.64	Peak assignment corrected	V6TD	10/19/22 11:58
1,1,1-Trichloroethane	3.84	Peak assignment corrected	V6TD	10/19/22 12:06
Cyclohexane	3.87	Peak assignment corrected	V6TD	10/19/22 11:58
Isobutanol	4.05	Peak assignment corrected	V6TD	10/19/22 11:58
2-Nitropropane	5.05	Peak assignment corrected	V6TD	10/19/22 12:07
trans-1,4-Dichloro-2-butene	7.41	Peak assignment corrected	V6TD	10/19/22 11:59

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Instrument ID: A292 Analysis Batch Number: 73795

Lab Sample ID: IC 860-73795/4 Client Sample ID:

Date Analyzed: 10/19/22 10:44 Lab File ID: E10192211.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	V6TD	10/19/22 12:00
Acetonitrile	2.41	Peak assignment corrected	V6TD	10/19/22 12:05
Bromochloromethane	3.64	Peak assignment corrected	V6TD	10/19/22 12:00
1,1,1-Trichloroethane	3.83	Peak assignment corrected	V6TD	10/19/22 12:06
Cyclohexane	3.87	Peak assignment corrected	V6TD	10/19/22 12:00
2-Nitropropane	5.05	Peak assignment corrected	V6TD	10/19/22 12:07
o-Xylene	6.88	Peak assignment corrected	V6TD	10/19/22 12:01

Lab Sample ID: IC 860-73795/5 Client Sample ID:

Date Analyzed: 10/19/22 11:04 Lab File ID: E10192212.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	V6TD	10/19/22 12:01
Acetonitrile	2.41	Peak assignment corrected	V6TD	10/19/22 12:05
Bromochloromethane	3.64	Peak assignment corrected	V6TD	10/19/22 12:02
1,1,1-Trichloroethane	3.83	Peak assignment corrected	V6TD	10/19/22 12:06
2-Nitropropane	5.05	Peak assignment corrected	V6TD	10/19/22 12:08

Lab Sample ID: ICIS 860-73795/6 Client Sample ID:

Date Analyzed: 10/19/22 11:25 Lab File ID: E10192213.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetonitrile	2.41	Peak assignment corrected	V6TD	10/19/22 12:04
1,1,1-Trichloroethane	3.83	Peak assignment corrected	V6TD	10/19/22 12:04
2-Nitropropane	5.05	Peak assignment corrected	V6TD	10/19/22 12:04

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Instrument ID: A292 Analysis Batch Number: 73795

Lab Sample ID: IC 860-73795/7 Client Sample ID:

Date Analyzed: 10/19/22 11:45 Lab File ID: E10192214.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetonitrile	2.41	Peak assignment corrected	V6TD	10/19/22 12:08
Pentafluorobenzene	3.85	Peak assignment corrected	V6TD	10/19/22 12:08
2-Nitropropane	5.05	Peak assignment corrected	V6TD	10/19/22 12:09

Lab Sample ID: IC 860-73795/8 Client Sample ID:

Date Analyzed: 10/19/22 12:06 Lab File ID: E10192215.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Pentafluorobenzene	3.85	Peak assignment corrected	V6TD	10/19/22 12:22
2-Nitropropane	5.05	Peak assignment corrected	V6TD	10/19/22 12:22
1,4-Dichlorobenzene-d4	8.11	Peak assignment corrected	V6TD	10/19/22 12:22

Lab Sample ID: ICV 860-73795/10 Client Sample ID:

Date Analyzed: 10/19/22 12:47 Lab File ID: E10192217.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetonitrile	2.41	Peak assignment corrected	V6TD	10/19/22 13:09
1,1,1-Trichloroethane	3.83	Peak assignment corrected	V6TD	10/19/22 13:09
2-Nitropropane	5.05	Peak assignment corrected	V6TD	10/19/22 13:09

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Instrument ID: A292 Analysis Batch Number: 75272

Lab Sample ID: CCVIS 860-75272/2 Client Sample ID:

Date Analyzed: 10/28/22 20:34 Lab File ID: E10282236.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	10/31/22 07:36
1,1,1-Trichloroethane	3.83	Peak assignment corrected	suporna	10/31/22 07:37
2-Nitropropane	5.05	Peak assignment corrected	suporna	10/31/22 07:44

Lab Sample ID: 860-35784-21 Client Sample ID: Artesia-MW11-10262022

Date Analyzed: 10/29/22 01:21 Lab File ID: E10282250.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1-Dichloroethane	3.04	Peak assignment corrected	suporna	10/31/22 08:39

Lab Sample ID: 860-35784-22 Client Sample ID: Artesia-MD11-10262022

Date Analyzed: 10/29/22 01:42 Lab File ID: E10282251.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1-Dichloroethane	3.05	Peak assignment corrected	suporna	10/31/22 08:39

Lab Sample ID: 860-35784-24 Client Sample ID: Artesia-MW37-10262022

Date Analyzed: 10/29/22 02:02 Lab File ID: E10282252.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Naphthalene	9.79	Peak assignment corrected	suporna	10/31/22 08:40

Lab Sample ID: 860-35784-23 Client Sample ID: Artesia-MW12-10262022

Date Analyzed: 10/29/22 05:28 Lab File ID: E10282262.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1-Dichloroethene	2.13	Peak assignment corrected	suporna	10/31/22 08:41

8260D

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Instrument ID: A294 Analysis Batch Number: 73445

Lab Sample ID: IC 860-73445/2 Client Sample ID:

Date Analyzed: 10/17/22 14:08 Lab File ID: T10172214.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Dichlorodifluoromethane	1.12	Incomplete Integration	V6ZK	10/17/22 16:03
Ethylene oxide	1.53	Incomplete Integration	V6ZK	10/18/22 09:09
Chloroethane	1.62	Incomplete Integration	V6ZK	10/17/22 16:04
Dichlorofluoromethane	1.76	Incomplete Integration	V6ZK	10/17/22 16:04
Acrolein	2.15	Incomplete Integration	V6ZK	10/17/22 16:04
Acetone	2.26	Incomplete Integration	V6ZK	10/17/22 16:05
Carbon disulfide	2.38	Incomplete Integration	V6ZK	10/17/22 16:05
Isopropyl alcohol	2.39	Incomplete Integration	V6ZK	10/17/22 16:05
Acetonitrile	2.49	Incomplete Integration	V6ZK	10/17/22 16:05
Methyl acetate	2.53	Incomplete Integration	V6ZK	10/17/22 16:06
MTBE	2.82	Incomplete Integration	V6ZK	10/17/22 16:06
n-Hexane	3.03	Incomplete Integration	V6ZK	10/17/22 16:06
1,1-Dichloroethane	3.12	Incomplete Integration	V6ZK	10/17/22 16:07
2,2-Dichloropropane	3.56	Incomplete Integration	V6ZK	10/17/22 16:07
Propane Nitrile (Propionitrile)	3.61	Incomplete Integration	V6ZK	10/17/22 16:07
Ethyl acetate	3.62	Incomplete Integration	V6ZK	10/17/22 16:08
Tetrahydrofuran	3.77	Incomplete Integration	V6ZK	10/17/22 16:08
1,1,1-Trichloroethane	3.92	Incomplete Integration	V6ZK	10/17/22 16:08
Cyclohexane	3.96	Incomplete Integration	V6ZK	10/17/22 16:08
1,1-Dichloropropene	4.03	Incomplete Integration	V6ZK	10/17/22 16:09
Carbon tetrachloride	4.03	Incomplete Integration	V6ZK	10/17/22 16:19
Trichloroethene	4.62	Incomplete Integration	V6ZK	10/17/22 16:21
Dibromomethane	4.86	Incomplete Integration	V6ZK	10/17/22 16:21
Methyl methacrylate	4.87	Incomplete Integration	V6ZK	10/17/22 16:21
1,4-Dioxane (P-Dioxane)	4.88	Incomplete Integration	V6ZK	10/17/22 16:21
Bromodichloromethane	4.97	Incomplete Integration	V6ZK	10/17/22 16:21
2-Nitropropane	5.12	Incomplete Integration	V6ZK	10/17/22 16:21
2-Chloroethyl vinyl ether	5.19	Incomplete Integration	V6ZK	10/17/22 16:21
Epichlorohydrin	5.23	Incomplete Integration	V6ZK	10/17/22 16:22
cis-1,3-Dichloropropene	5.29	Incomplete Integration	V6ZK	10/17/22 16:22

8260D

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Instrument ID: A294 Analysis Batch Number: 73445

Lab Sample ID: IC 860-73445/2 Client Sample ID:

Date Analyzed: 10/17/22 14:08 Lab File ID: T10172214.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Toluene	5.52	Incomplete Integration	V6ZK	10/17/22 16:22
trans-1,3-Dichloropropene	5.68	Incomplete Integration	V6ZK	10/17/22 16:22
Ethyl methacrylate	5.74	Incomplete Integration	V6ZK	10/17/22 16:22
1,3-Dichloropropane	5.92	Incomplete Integration	V6ZK	10/17/22 16:23
2-Hexanone	5.99	Incomplete Integration	V6ZK	10/17/22 16:23
Dibromochloromethane	6.08	Incomplete Integration	V6ZK	10/17/22 16:23
1,2-Dibromoethane	6.17	Incomplete Integration	V6ZK	10/17/22 16:24
Chlorobenzene	6.51	Incomplete Integration	V6ZK	10/17/22 16:24
1,1,1,2-Tetrachloroethane	6.57	Incomplete Integration	V6ZK	10/17/22 16:24
m,p-Xylenes	6.68	Incomplete Integration	V6ZK	10/17/22 16:24
Styrene	6.99	Incomplete Integration	V6ZK	10/17/22 16:24
Bromoform	7.11	Incomplete Integration	V6ZK	10/17/22 16:24
Cyclohexanone	7.29	Incomplete Integration	V6ZK	10/17/22 16:25
1,1,2,2-Tetrachloroethane	7.44	Incomplete Integration	V6ZK	10/17/22 16:25
2-Chlorotoluene	7.60	Incomplete Integration	V6ZK	10/17/22 16:25
1,3,5-Trimethylbenzene	7.66	Incomplete Integration	V6ZK	10/17/22 16:26
4-Chlorotoluene	7.68	Incomplete Integration	V6ZK	10/17/22 16:27
1,2,4-Trimethylbenzene	7.94	Incomplete Integration	V6ZK	10/17/22 16:27
1,4-Dichlorobenzene	8.21	Incomplete Integration	V6ZK	10/17/22 16:27
1,2,4-Trichlorobenzene	9.71	Incomplete Integration	V6ZK	10/17/22 16:27
Hexachlorobutadiene	9.82	Incomplete Integration	V6ZK	10/17/22 16:28
Naphthalene	9.90	Incomplete Integration	V6ZK	10/17/22 16:28
1,2-Dibromo-3-Chloropropane		Invalid Compound ID	V6ZK	10/17/22 16:47
1-Methylnaphthalene		Invalid Compound ID	PVD5	10/17/22 16:59
2-Methylnaphthalene		Invalid Compound ID	PVD5	10/17/22 16:59
Benzyl chloride		Invalid Compound ID	V6ZK	10/17/22 16:47
cis-1,4-Dichloro-2-butene		Invalid Compound ID	V6ZK	10/17/22 16:48
n-Butanol		Invalid Compound ID	V6ZK	10/17/22 16:49
trans-1,4-Dichloro-2-butene		Invalid Compound ID	V6ZK	10/17/22 16:48
1,2,3-Trichlorobenzene	10.07	Incomplete Integration	V6ZK	10/17/22 16:28

8260D

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Instrument ID: A294 Analysis Batch Number: 73445

Lab Sample ID: IC 860-73445/3 Client Sample ID:

Date Analyzed: 10/17/22 14:27 Lab File ID: T10172215.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Ethylene oxide	1.53	Incomplete Integration	V6ZK	10/18/22 09:10
Bromomethane	1.54	Incomplete Integration	V6ZK	10/17/22 16:29
Diethyl ether	2.04	Incomplete Integration	V6ZK	10/17/22 16:29
Acrolein	2.14	Incomplete Integration	V6ZK	10/17/22 16:35
1,1-Dichloroethene	2.22	Incomplete Integration	V6ZK	10/17/22 16:54
Isopropyl alcohol	2.38	Incomplete Integration	V6ZK	10/17/22 16:51
Acetonitrile	2.48	Incomplete Integration	V6ZK	10/17/22 16:52
Allyl Chloride (3-Chloropropene)	2.50	Incomplete Integration	V6ZK	10/18/22 09:19
Methylene Chloride	2.60	Incomplete Integration	V6ZK	10/17/22 17:08
2,2-Dichloropropane	3.55	Incomplete Integration	V6ZK	10/18/22 09:33
1,1,1-Trichloroethane	3.91	Incomplete Integration	V6ZK	10/17/22 17:08
Cyclohexane	3.96	Incomplete Integration	V6ZK	10/18/22 09:36
Carbon tetrachloride	4.03	Incomplete Integration	V6ZK	10/17/22 17:13
2,2,4-Trimethylpentane	4.24	Incomplete Integration	V6ZK	10/17/22 17:09
Trichloroethene	4.63	Incomplete Integration	V6ZK	10/17/22 17:13
1,2-Dichloropropane	4.78	Incomplete Integration	V6ZK	10/17/22 17:09
trans-1,3-Dichloropropene	5.67	Incomplete Integration	V6ZK	10/18/22 09:53
Dibromochloromethane	6.07	Incomplete Integration	V6ZK	10/18/22 09:55
m,p-Xylenes	6.67	Incomplete Integration	V6ZK	10/17/22 17:15
o-Xylene	6.96	Incomplete Integration	V6ZK	10/17/22 17:19
trans-1,4-Dichloro-2-butene	7.49	Incomplete Integration	V6ZK	10/18/22 10:03
2-Methylnaphthalene	10.75	Peak assignment corrected	PVD5	10/17/22 16:58
1-Methylnaphthalene	10.88	Peak assignment corrected	PVD5	10/17/22 16:58

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Instrument ID: A294 Analysis Batch Number: 73445

Lab Sample ID: IC 860-73445/4 Client Sample ID:

Date Analyzed: 10/17/22 14:46 Lab File ID: T10172216.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Ethylene oxide	1.53	Incomplete Integration	V6ZK	10/18/22 09:10
Acrolein	2.14	Incomplete Integration	V6ZK	10/17/22 16:35
Acetonitrile	2.48	Incomplete Integration	V6ZK	10/17/22 16:53
Allyl Chloride (3-Chloropropene)	2.50	Incomplete Integration	V6ZK	10/18/22 09:20
2,2-Dichloropropane	3.55	Incomplete Integration	V6ZK	10/18/22 09:35
1,1,1-Trichloroethane	3.91	Peak assignment corrected	V6ZK	10/17/22 17:06
Cyclohexane	3.96	Incomplete Integration	V6ZK	10/18/22 09:37
2,2,4-Trimethylpentane	4.24	Peak assignment corrected	V6ZK	10/17/22 17:06
Bromodichloromethane	4.97	Incomplete Integration	V6ZK	10/18/22 09:43
cis-1,3-Dichloropropene	5.28	Incomplete Integration	V6ZK	10/18/22 09:51
trans-1,3-Dichloropropene	5.67	Incomplete Integration	V6ZK	10/18/22 09:53
m,p-Xylenes	6.67	Incomplete Integration	V6ZK	10/17/22 17:15
o-Xylene	6.96	Peak assignment corrected	V6ZK	10/17/22 17:07

Lab Sample ID: IC 860-73445/5 Client Sample ID:

Date Analyzed: 10/17/22 15:05 Lab File ID: T10172217.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Ethylene oxide	1.52	Incomplete Integration	V6ZK	10/18/22 09:12
Acrolein	2.14	Incomplete Integration	V6ZK	10/17/22 16:35
Allyl Chloride (3-Chloropropene)	2.50	Incomplete Integration	V6ZK	10/18/22 09:20
2,2-Dichloropropane	3.55	Incomplete Integration	V6ZK	10/18/22 09:34
1,1,1-Trichloroethane	3.91	Peak assignment corrected	V6ZK	10/17/22 17:04
Cyclohexane	3.96	Incomplete Integration	V6ZK	10/18/22 09:37
2,2,4-Trimethylpentane	4.24	Peak assignment corrected	V6ZK	10/17/22 17:06
Bromodichloromethane	4.97	Incomplete Integration	V6ZK	10/18/22 09:43
m,p-Xylenes	6.67	Incomplete Integration	V6ZK	10/17/22 17:16
cis-1,4-Dichloro-2-butene	7.27	Incomplete Integration	V6ZK	10/18/22 10:07

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Instrument ID: A294 Analysis Batch Number: 73445

Lab Sample ID: ICIS 860-73445/6 Client Sample ID:

Date Analyzed: 10/17/22 15:24 Lab File ID: T10172218.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Ethylene oxide	1.52	Incomplete Integration	V6ZK	10/18/22 09:12
Bromomethane	1.53	Incomplete Integration	V6ZK	10/17/22 15:50
Acrolein	2.13	Incomplete Integration	V6ZK	10/17/22 16:34
Allyl Chloride (3-Chloropropene)	2.50	Incomplete Integration	V6ZK	10/18/22 09:21
2,2-Dichloropropane	3.55	Incomplete Integration	V6ZK	10/18/22 09:34
Tetrahydrofuran	3.76	Incomplete Integration	V6ZK	10/17/22 15:52
1,1,1-Trichloroethane	3.91	Incomplete Integration	V6ZK	10/17/22 15:52
Cyclohexane	3.96	Incomplete Integration	V6ZK	10/18/22 09:38
m,p-Xylenes	6.67	Incomplete Integration	V6ZK	10/17/22 17:17

Lab Sample ID: IC 860-73445/8 Client Sample ID:

Date Analyzed: 10/17/22 15:43 Lab File ID: T10172219.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Ethylene oxide	1.52	Incomplete Integration	V6ZK	10/18/22 09:13
Bromomethane	1.53	Incomplete Integration	V6ZK	10/17/22 16:36
Acrolein	2.13	Incomplete Integration	V6ZK	10/17/22 16:34
Acetonitrile	2.47	Peak assignment corrected	V6ZK	10/17/22 16:52
Allyl Chloride (3-Chloropropene)	2.50	Incomplete Integration	V6ZK	10/18/22 09:24
2,2-Dichloropropane	3.55	Incomplete Integration	V6ZK	10/18/22 09:34
1,1,1-Trichloroethane	3.91	Peak assignment corrected	V6ZK	10/17/22 16:42
Pentafluorobenzene	3.93	Peak assignment corrected	V6ZK	10/17/22 16:30
Cyclohexane	3.96	Incomplete Integration	V6ZK	10/18/22 09:39
m,p-Xylenes	6.67	Incomplete Integration	V6ZK	10/17/22 17:17

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Instrument ID: A294 Analysis Batch Number: 73445

Lab Sample ID: IC 860-73445/10 Client Sample ID:

Date Analyzed: 10/17/22 16:02 Lab File ID: T10172220.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Ethylene oxide	1.52	Incomplete Integration	V6ZK	10/18/22 09:14
Bromomethane	1.53	Incomplete Integration	V6ZK	10/17/22 16:37
Acrolein	2.13	Incomplete Integration	V6ZK	10/17/22 16:33
Acetonitrile	2.48	Peak assignment corrected	V6ZK	10/17/22 16:52
Allyl Chloride (3-Chloropropene)	2.50	Incomplete Integration	V6ZK	10/18/22 09:23
2,2-Dichloropropane	3.55	Incomplete Integration	V6ZK	10/18/22 09:34
Pentafluorobenzene	3.93	Peak assignment corrected	V6ZK	10/17/22 16:30
Cyclohexane	3.96	Incomplete Integration	V6ZK	10/18/22 09:39
1,2-Dichloropropane	4.78	Peak assignment corrected	V6ZK	10/17/22 17:02
m,p-Xylenes	6.67	Incomplete Integration	V6ZK	10/17/22 17:18
1,4-Dichlorobenzene-d4	8.19	Peak assignment corrected	V6ZK	10/17/22 16:30

Lab Sample ID: ICV 860-73445/13 Client Sample ID:

Date Analyzed: 10/17/22 16:59 Lab File ID: T10172223.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromomethane	1.53	Incomplete Integration	V6ZK	10/17/22 17:28
1,1,1-Trichloroethane	3.91	Peak assignment corrected	V6ZK	10/17/22 17:26
2,2,4-Trimethylpentane	4.24	Incomplete Integration	V6ZK	10/17/22 17:28

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Instrument ID: A294 Analysis Batch Number: 75008

Lab Sample ID: CCVIS 860-75008/2 Client Sample ID:

Date Analyzed: 10/27/22 09:21 Lab File ID: T10272202.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Ethylene oxide	1.52	Incomplete Integration	suporna	10/28/22 11:57
Bromomethane	1.53	Incomplete Integration	V6ZK	10/27/22 09:41
Acrolein	2.13	Incomplete Integration	V6ZK	10/27/22 09:42
Iodomethane (Methyl Iodide)	2.33	Incomplete Integration	V6ZK	10/27/22 09:42
1,1,1-Trichloroethane	3.91	Peak assignment corrected	V6ZK	10/27/22 09:41
2,2,4-Trimethylpentane	4.24	Peak assignment corrected	V6ZK	10/27/22 09:41
m,p-Xylenes	6.67	Peak assignment corrected	V6ZK	10/27/22 09:41
4-Ethyltoluene	7.61	Peak assignment corrected	V6ZK	10/27/22 09:40

Lab Sample ID: 860-35784-3 Client Sample ID: Artesia-Mid-10252022

Date Analyzed: 10/27/22 17:38 Lab File ID: T10272227.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1-Dichloroethane	3.12	Peak assignment corrected	suporna	10/28/22 12:21

8260D

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Instrument ID: A294 Analysis Batch Number: 75142

Lab Sample ID: CCVIS 860-75142/2 Client Sample ID:

Date Analyzed: 10/27/22 21:06 Lab File ID: T10272238.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Ethylene oxide	1.52	Incomplete Integration	suporna	10/28/22 12:29
Bromomethane	1.53	Incomplete Integration	suporna	10/28/22 12:29
1,1,1-Trichloroethane	3.91	Incomplete Integration	suporna	10/28/22 12:31
2,2,4-Trimethylpentane	4.24	Incomplete Integration	suporna	10/28/22 12:32

Lab Sample ID: 860-35784-9 Client Sample ID: Artesia-MW38-10252022

Date Analyzed: 10/28/22 01:32 Lab File ID: T10272252.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Naphthalene	9.89	Peak assignment corrected	suporna	10/28/22 14:33

Lab Sample ID: 860-35784-13 Client Sample ID: Artesia-MW30-10262022

Date Analyzed: 10/28/22 02:10 Lab File ID: T10272254.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1-Dichloroethane	3.13	Peak assignment corrected	suporna	10/28/22 14:34

HPLC/IC MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Instrument ID: A166 Analysis Batch Number: 75365

Lab Sample ID: IC 860-75365/7 Client Sample ID:

Date Analyzed: 10/29/22 19:52 Lab File ID: 29_Oct_2022 19_52.d GC Column: AS-18 ID: 0.004(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Sulfate	6.53	Baseline Smoothing	EN6W	10/29/22 22:05
Bromide	7.26	Baseline Smoothing	EN6W	10/29/22 22:05

Lab Sample ID: IC 860-75365/8 Client Sample ID:

Date Analyzed: 10/29/22 20:06 Lab File ID: 29_Oct_2022 20_06.d GC Column: AS-18 ID: 0.004(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Fluoride	3.34	Baseline Smoothing	EN6W	10/29/22 22:07
Chloride	4.51	Baseline Smoothing	EN6W	10/29/22 22:07
Sulfate	6.40	Baseline Smoothing	EN6W	10/29/22 22:05
Bromide	7.10	Baseline Smoothing	EN6W	10/29/22 22:05

Lab Sample ID: IC 860-75365/9 Client Sample ID:

Date Analyzed: 10/29/22 20:19 Lab File ID: 29_Oct_2022 20_19.d GC Column: AS-18 ID: 0.004(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Fluoride	3.36	Baseline Smoothing	EN6W	10/29/22 22:08
Chloride	4.48	Baseline Smoothing	EN6W	10/29/22 22:08
Sulfate	6.21	Baseline Smoothing	EN6W	10/29/22 22:04
Bromide	6.89	Baseline Smoothing	EN6W	10/29/22 22:04

300.0

HPLC/IC MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Instrument ID: A166 Analysis Batch Number: 75365

Lab Sample ID: IC 860-75365/10 Client Sample ID:

Date Analyzed: 10/29/22 20:33 Lab File ID: 29_Oct_2022 20_33.d GC Column: AS-18 ID: 0.004(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Fluoride	3.37	Baseline Smoothing	EN6W	10/29/22 22:09
Chloride	4.45	Baseline Smoothing	EN6W	10/29/22 22:09
Sulfate	5.99	Baseline Smoothing	EN6W	10/29/22 22:08
Bromide	6.62	Baseline Smoothing	EN6W	10/29/22 22:08

300.0

HPLC/IC MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Instrument ID: A166 Analysis Batch Number: 76986

Lab Sample ID: 860-35784-9 Client Sample ID: Artesia-MW38-10252022

Date Analyzed: 11/09/22 18:39 Lab File ID: 09_Nov_2022 18_39.d GC Column: AS-18 ID: 0.004(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Sulfate	6.16	Peak assignment corrected	suporna	11/10/22 10:51

Lab Sample ID: 860-35784-10 Client Sample ID: Artesia-MW17C-10252022

Date Analyzed: 11/09/22 18:52 Lab File ID: 09_Nov_2022 18_52.d GC Column: AS-18 ID: 0.004(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Sulfate	6.14	Peak assignment corrected	suporna	11/10/22 10:52

Lab Sample ID: 860-35784-11 Client Sample ID: Artesia-MW36-10252022

Date Analyzed: 11/09/22 19:06 Lab File ID: 09_Nov_2022 19_06.d GC Column: AS-18 ID: 0.004(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Sulfate	6.15	Peak assignment corrected	suporna	11/10/22 10:52

Lab Sample ID: 860-35784-21 Client Sample ID: Artesia-MW11-10262022

Date Analyzed: 11/09/22 19:20 Lab File ID: 09_Nov_2022 19_20.d GC Column: AS-18 ID: 0.004(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Sulfate	6.10	Peak assignment corrected	suporna	11/10/22 10:52

Lab Sample ID: 860-35784-23 Client Sample ID: Artesia-MW12-10262022

Date Analyzed: 11/09/22 19:48 Lab File ID: 09_Nov_2022 19_48.d GC Column: AS-18 ID: 0.004(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Sulfate	6.12	Peak assignment corrected	suporna	11/10/22 10:52

300.0

Method 8260D

Volatile Organic Compounds (GC/MS) by Method 8260D

Released to Imaging: 3/4/2024 2:02:33 PM

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Houston Job No.: 860-35784-1

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-TB01-10252022	860-35784-1	97	110	103	101
Artesia-Inlet-10252022	860-35784-2	109	114	105	103
Artesia-Mid-10252022	860-35784-3	100	113	105	104
Artesia-Outlet-10252022	860-35784-4	98	114	101	108
Artesia-MW40-10252022	860-35784-5	97	109	100	105
Artesia-MD40-10252022	860-35784-6	102	113	100	103
Artesia-MW39-10252022	860-35784-7	99	112	104	101
Artesia-MW35-10252022	860-35784-8	107	116	101	108
Artesia-MW38-10252022	860-35784-9	102	110	101	104
Artesia-MW17C-10252022	860-35784-10	95	105	100	105
Artesia-MW36-10252022	860-35784-11	96	107	103	103
Artesia-TB02-10262022	860-35784-12	100	108	101	102
Artesia-MW30-10262022	860-35784-13	96	111	102	104
Artesia-MW29-10262022	860-35784-14	96	111	100	100
Artesia-MW28-10262022	860-35784-15	98	103	102	104
Artesia-MW34-10262022	860-35784-16	99	103	100	100
Artesia-MW31-10262022	860-35784-17	101	101	101	99
Artesia-MW22-10262022	860-35784-18	99	101	100	101
Artesia-MW25-10262022	860-35784-19	101	100	100	101
Artesia-MW32-10262022	860-35784-20	102	104	100	103
Artesia-MW11-10262022	860-35784-21	100	101	100	100
Artesia-MD11-10262022	860-35784-22	102	101	99	100
Artesia-MW12-10262022	860-35784-23	97	99	100	101
Artesia-MW37-10262022	860-35784-24	103	102	99	96
	MB 860-75008/10	94	108	103	108

	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 8260D

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Houston Job No.: 860-35784-1

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 #
	MB 860-75142/11	94	104	97	98
	MB 860-75272/9	99	99	98	98
	LCS 860-75008/3	99	97	99	104
	LCS 860-75142/3	98	98	97	102
	LCS 860-75272/3	98	97	97	98
	LCSD 860-75008/4	94	94	97	104
	LCSD 860-75142/4	99	96	98	103
	LCSD 860-75272/4	98	98	98	98
Artesia-MW36-10252 022 MS	860-35784-11 MS	101	97	100	105
Artesia-MW28-10262 022 MS	860-35784-15 MS	98	98	98	98
Artesia-MW36-10252 022 MSD	860-35784-11 MSD	100	93	98	104

	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 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T10272203.D

Lab ID: LCS 860-75008/3 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethane	0.0500	0.05774	115	70-130	
1,1-Dichloroethene	0.0500	0.05228	105	50-150	
Benzene	0.0500	0.05750	115	75-125	
Naphthalene	0.0500	0.04697	94	70-130	
Tetrachloroethene	0.0500	0.06203	124	71-125	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T10272239.D

Lab ID: LCS 860-75142/3 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethane	0.0500	0.05493	110	70-130	
1,1-Dichloroethene	0.0500	0.04792	96	50-150	
Benzene	0.0500	0.05414	108	75-125	
Naphthalene	0.0500	0.05229	105	70-130	
Tetrachloroethene	0.0500	0.05706	114	71-125	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Matrix: Water Level: Low Lab File ID: E10282237.D

Lab ID: LCS 860-75272/3 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethane	0.0500	0.05176	104	70-130	
1,1-Dichloroethene	0.0500	0.04893	98	50-150	
Benzene	0.0500	0.05310	106	75-125	
Naphthalene	0.0500	0.05506	110	70-130	
Tetrachloroethene	0.0500	0.05397	108	71-125	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T10272204.D

Lab ID: LCSD 860-75008/4 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1-Dichloroethane	0.0500	0.05620	112	3	25	70-130	
1,1-Dichloroethene	0.0500	0.05123	102	2	25	50-150	
Benzene	0.0500	0.05587	112	3	25	75-125	
Naphthalene	0.0500	0.05051	101	7	25	70-130	
Tetrachloroethene	0.0500	0.06094	122	2	25	71-125	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T10272240.D

Lab ID: LCSD 860-75142/4 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1-Dichloroethane	0.0500	0.05518	110	0	25	70-130	
1,1-Dichloroethene	0.0500	0.05020	100	5	25	50-150	
Benzene	0.0500	0.05404	108	0	25	75-125	
Naphthalene	0.0500	0.05444	109	4	25	70-130	
Tetrachloroethene	0.0500	0.05774	115	1	25	71-125	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Matrix: Water Level: Low Lab File ID: E10282238.D

Lab ID: LCSD 860-75272/4 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1-Dichloroethane	0.0500	0.05054	101	2	25	70-130	
1,1-Dichloroethene	0.0500	0.05253	105	7	25	50-150	
Benzene	0.0500	0.05208	104	2	25	75-125	
Naphthalene	0.0500	0.05663	113	3	25	70-130	
Tetrachloroethene	0.0500	0.05652	113	5	25	71-125	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T10272241.D

Lab ID: 860-35784-11 MS Client ID: Artesia-MW36-10252022 MS

COMPOUND	SPIKE ADDED (mg/L)	SAMPLE CONCENTRATION (mg/L)	MS CONCENTRATION (mg/L)	MS % REC	QC LIMITS REC	#
1,1-Dichloroethane	0.0500	0.0111	0.06907	116	72-125	
1,1-Dichloroethene	0.0500	0.000738 U	0.05053	101	59-172	
Benzene	0.0500	0.000897 J	0.05887	116	66-142	
Naphthalene	0.0500	0.00135 U	0.06511	130	70-130	
Tetrachloroethene	0.0500	0.00294	0.06673	128	71-125	F1

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Matrix: Water Level: Low Lab File ID: E10282239.D

Lab ID: 860-35784-15 MS Client ID: Artesia-MW28-10262022 MS

COMPOUND	SPIKE ADDED (mg/L)	SAMPLE CONCENTRATION (mg/L)	MS CONCENTRATION (mg/L)	MS % REC	QC LIMITS REC	#
1,1-Dichloroethane	0.0500	0.000635 U	0.05117	102	72-125	
1,1-Dichloroethene	0.0500	0.00231	0.05378	103	59-172	
Benzene	0.0500	0.000533 U	0.05202	104	66-142	
Naphthalene	0.0500	0.00135 U	0.05592	112	70-130	
Tetrachloroethene	0.0500	0.00297	0.05742	109	71-125	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T10272242.D

Lab ID: 860-35784-11 MSD Client ID: Artesia-MW36-10252022 MSD

COMPOUND	SPIKE ADDED (mg/L)	MSD CONCENTRATION (mg/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1-Dichloroethane	0.0500	0.06615	110	4	25	72-125	
1,1-Dichloroethene	0.0500	0.04885	98	3	25	59-172	
Benzene	0.0500	0.05596	110	5	25	66-142	
Naphthalene	0.0500	0.06239	125	4	25	70-130	
Tetrachloroethene	0.0500	0.06417	122	4	25	71-125	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Lab File ID: T10272211.D Lab Sample ID: MB 860-75008/10

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: A294 Date Analyzed: 10/27/2022 12:34

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 860-75008/3	T10272203.D	10/27/2022 10:02
	LCSD 860-75008/4	T10272204.D	10/27/2022 10:21
Artesia-TB01-10252022	860-35784-1	T10272219.D	10/27/2022 15:06
Artesia-TB02-10262022	860-35784-12	T10272220.D	10/27/2022 15:25
Artesia-Inlet-10252022	860-35784-2	T10272226.D	10/27/2022 17:19
Artesia-Mid-10252022	860-35784-3	T10272227.D	10/27/2022 17:38
Artesia-Outlet-10252022	860-35784-4	T10272228.D	10/27/2022 17:56
Artesia-MW40-10252022	860-35784-5	T10272229.D	10/27/2022 18:15
Artesia-MD40-10252022	860-35784-6	T10272230.D	10/27/2022 18:34
Artesia-MW39-10252022	860-35784-7	T10272231.D	10/27/2022 18:53
Artesia-MW35-10252022	860-35784-8	T10272232.D	10/27/2022 19:12

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Lab File ID: T10272247.D Lab Sample ID: MB 860-75142/11

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: A294 Date Analyzed: 10/27/2022 23:57

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 860-75142/3	T10272239.D	10/27/2022 21:25
	LCSD 860-75142/4	T10272240.D	10/27/2022 21:44
Artesia-MW36-10252022 MS	860-35784-11 MS	T10272241.D	10/27/2022 22:03
Artesia-MW36-10252022 MSD	860-35784-11 MSD	T10272242.D	10/27/2022 22:22
Artesia-MW36-10252022	860-35784-11	T10272251.D	10/28/2022 01:13
Artesia-MW38-10252022	860-35784-9	T10272252.D	10/28/2022 01:32
Artesia-MW17C-10252022	860-35784-10	T10272253.D	10/28/2022 01:51
Artesia-MW30-10262022	860-35784-13	T10272254.D	10/28/2022 02:10
Artesia-MW29-10262022	860-35784-14	T10272255.D	10/28/2022 02:29

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Lab File ID: E10282243.D Lab Sample ID: MB 860-75272/9

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: A292 Date Analyzed: 10/28/2022 22:58

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 860-75272/3	E10282237.D	10/28/2022 20:55
	LCSD 860-75272/4	E10282238.D	10/28/2022 21:15
Artesia-MW28-10262022 MS	860-35784-15 MS	E10282239.D	10/28/2022 21:36
Artesia-MW28-10262022	860-35784-15	E10282244.D	10/28/2022 23:18
Artesia-MW34-10262022	860-35784-16	E10282245.D	10/28/2022 23:39
Artesia-MW31-10262022	860-35784-17	E10282246.D	10/28/2022 23:59
Artesia-MW22-10262022	860-35784-18	E10282247.D	10/29/2022 00:20
Artesia-MW25-10262022	860-35784-19	E10282248.D	10/29/2022 00:40
Artesia-MW32-10262022	860-35784-20	E10282249.D	10/29/2022 01:01
Artesia-MW11-10262022	860-35784-21	E10282250.D	10/29/2022 01:21
Artesia-MD11-10262022	860-35784-22	E10282251.D	10/29/2022 01:42
Artesia-MW37-10262022	860-35784-24	E10282252.D	10/29/2022 02:02
Artesia-MW12-10262022	860-35784-23	E10282262.D	10/29/2022 05:28

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Lab File ID: E10282234.D BFB Injection Date: 10/28/2022

Instrument ID: A292 BFB Injection Time: 19:53

Analysis Batch No.: 75272

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	19.1	
75	30.0 - 60.0 % of mass 95	52.5	
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	73.1	
175	5.0 - 9.0 % of mass 174	6.2	(8.4) 1
176	95.0 - 101.0 % of mass 174	70.2	(96.1) 1
177	5.0 - 9.0 % of mass 176	4.8	(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 860-75272/2	E10282236.D	10/28/2022	20:34
	LCS 860-75272/3	E10282237.D	10/28/2022	20:55
	LCSD 860-75272/4	E10282238.D	10/28/2022	21:15
Artesia-MW28-10262022 MS	860-35784-15 MS	E10282239.D	10/28/2022	21:36
	MB 860-75272/9	E10282243.D	10/28/2022	22:58
Artesia-MW28-10262022	860-35784-15	E10282244.D	10/28/2022	23:18
Artesia-MW34-10262022	860-35784-16	E10282245.D	10/28/2022	23:39
Artesia-MW31-10262022	860-35784-17	E10282246.D	10/28/2022	23:59
Artesia-MW22-10262022	860-35784-18	E10282247.D	10/29/2022	0:20
Artesia-MW25-10262022	860-35784-19	E10282248.D	10/29/2022	0:40
Artesia-MW32-10262022	860-35784-20	E10282249.D	10/29/2022	1:01
Artesia-MW11-10262022	860-35784-21	E10282250.D	10/29/2022	1:21
Artesia-MD11-10262022	860-35784-22	E10282251.D	10/29/2022	1:42
Artesia-MW37-10262022	860-35784-24	E10282252.D	10/29/2022	2:02
Artesia-MW12-10262022	860-35784-23	E10282262.D	10/29/2022	5:28

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FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Lab File ID: T10172213.D BFB Injection Date: 10/17/2022

Instrument ID: A294 BFB Injection Time: 13:49

Analysis Batch No.: 73445

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.3	
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	0.5	(0.5) 1
174	Greater than 50% of mass 95	90.6	
175	5.0 - 9.0 % of mass 174	6.5	(7.2) 1
176	95.0 - 101.0 % of mass 174	87.5	(96.6) 1
177	5.0 - 9.0 % of mass 176	5.7	(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 860-73445/2	T10172214.D	10/17/2022	14:08
	IC 860-73445/3	T10172215.D	10/17/2022	14:27
	IC 860-73445/4	T10172216.D	10/17/2022	14:46
	IC 860-73445/5	T10172217.D	10/17/2022	15:05
	ICIS 860-73445/6	T10172218.D	10/17/2022	15:24
	IC 860-73445/8	T10172219.D	10/17/2022	15:43
	IC 860-73445/10	T10172220.D	10/17/2022	16:02
	ICV 860-73445/13	T10172223.D	10/17/2022	16:59

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FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Lab File ID: T10262243.D BFB Injection Date: 10/27/2022

Instrument ID: A294 BFB Injection Time: 08:53

Analysis Batch No.: 75008

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.4	
75	30.0 - 60.0 % of mass 95	47.5	
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	88.5	
175	5.0 - 9.0 % of mass 174	6.5	(7.3) 1
176	95.0 - 101.0 % of mass 174	86.5	(97.7) 1
177	5.0 - 9.0 % of mass 176	5.4	(6.2) 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 860-75008/2	T10272202.D	10/27/2022	9:21
	LCS 860-75008/3	T10272203.D	10/27/2022	10:02
	LCSD 860-75008/4	T10272204.D	10/27/2022	10:21
	MB 860-75008/10	T10272211.D	10/27/2022	12:34
Artesia-TB01-10252022	860-35784-1	T10272219.D	10/27/2022	15:06
Artesia-TB02-10262022	860-35784-12	T10272220.D	10/27/2022	15:25
Artesia-Inlet-10252022	860-35784-2	T10272226.D	10/27/2022	17:19
Artesia-Mid-10252022	860-35784-3	T10272227.D	10/27/2022	17:38
Artesia-Outlet-10252022	860-35784-4	T10272228.D	10/27/2022	17:56
Artesia-MW40-10252022	860-35784-5	T10272229.D	10/27/2022	18:15
Artesia-MD40-10252022	860-35784-6	T10272230.D	10/27/2022	18:34
Artesia-MW39-10252022	860-35784-7	T10272231.D	10/27/2022	18:53
Artesia-MW35-10252022	860-35784-8	T10272232.D	10/27/2022	19:12

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FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Lab File ID: T10272236.D BFB Injection Date: 10/27/2022

Instrument ID: A294 BFB Injection Time: 20:28

Analysis Batch No.: 75142

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.9	
75	30.0 - 60.0 % of mass 95	49.6	
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	0.3	(0.4) 1
174	Greater than 50% of mass 95	89.6	
175	5.0 - 9.0 % of mass 174	6.1	(6.9) 1
176	95.0 - 101.0 % of mass 174	85.6	(95.6) 1
177	5.0 - 9.0 % of mass 176	5.5	(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 860-75142/2	T10272238.D	10/27/2022	21:06
	LCS 860-75142/3	T10272239.D	10/27/2022	21:25
	LCSD 860-75142/4	T10272240.D	10/27/2022	21:44
Artesia-MW36-10252022 MS	860-35784-11 MS	T10272241.D	10/27/2022	22:03
Artesia-MW36-10252022 MSD	860-35784-11 MSD	T10272242.D	10/27/2022	22:22
	MB 860-75142/11	T10272247.D	10/27/2022	23:57
Artesia-MW36-10252022	860-35784-11	T10272251.D	10/28/2022	1:13
Artesia-MW38-10252022	860-35784-9	T10272252.D	10/28/2022	1:32
Artesia-MW17C-10252022	860-35784-10	T10272253.D	10/28/2022	1:51
Artesia-MW30-10262022	860-35784-13	T10272254.D	10/28/2022	2:10
Artesia-MW29-10262022	860-35784-14	T10272255.D	10/28/2022	2:29

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FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Sample No.: ICIS 860-73795/6 Date Analyzed: 10/19/2022 11:25

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): E10192213.D Heated Purge: (Y/N) N

Calibration ID: 3843

		PFB		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		108814	3.85	179710	4.37	157506	6.41
UPPER LIMIT		217628	4.35	359420	4.87	315012	6.91
LOWER LIMIT		54407	3.35	89855	3.87	78753	5.91
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCVIS 860-75272/2		99573	3.85	161500	4.36	147587	6.40

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 8260D

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Sample No.: ICIS 860-73795/6 Date Analyzed: 10/19/2022 11:25

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): E10192213.D Heated Purge: (Y/N) N

Calibration ID: 3843

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		79529	8.11				
UPPER LIMIT		159058	8.61				
LOWER LIMIT		39765	7.61				
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCVIS 860-75272/2		74211	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 8260D

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Sample No.: CCVIS 860-75272/2 Date Analyzed: 10/28/2022 20:34

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): E10282236.D Heated Purge: (Y/N) N

Calibration ID: 3843

		PFB		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		99573	3.85	161500	4.36	147587	6.40
UPPER LIMIT		199146	4.35	323000	4.86	295174	6.90
LOWER LIMIT		49787	3.35	80750	3.86	73794	5.90
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 860-75272/3		103159	3.85	168313	4.36	152284	6.41
LCSD 860-75272/4		103330	3.85	168751	4.36	151531	6.41
860-35784-15 MS	Artesia-MW28-10262022 MS	106145	3.85	173853	4.36	156006	6.41
MB 860-75272/9		101297	3.85	166471	4.36	145746	6.41
860-35784-15	Artesia-MW28-10262022	103518	3.85	165034	4.36	140225	6.41
860-35784-16	Artesia-MW34-10262022	93120	3.85	148435	4.36	131059	6.41
860-35784-17	Artesia-MW31-10262022	94024	3.85	153521	4.36	131977	6.41
860-35784-18	Artesia-MW22-10262022	94350	3.85	151689	4.36	131057	6.41
860-35784-19	Artesia-MW25-10262022	94360	3.85	152655	4.36	131429	6.41
860-35784-20	Artesia-MW32-10262022	91208	3.85	148319	4.36	130537	6.41
860-35784-21	Artesia-MW11-10262022	94334	3.85	154972	4.36	134376	6.41
860-35784-22	Artesia-MD11-10262022	90335	3.85	150200	4.36	130716	6.41
860-35784-24	Artesia-MW37-10262022	92111	3.85	151574	4.36	133725	6.41
860-35784-23	Artesia-MW12-10262022	100796	3.85	162676	4.36	142045	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 8260D

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Sample No.: CCVIS 860-75272/2 Date Analyzed: 10/28/2022 20:34

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): E10282236.D Heated Purge: (Y/N) N

Calibration ID: 3843

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		74211	8.11				
UPPER LIMIT		148422	8.61				
LOWER LIMIT		37106	7.61				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 860-75272/3		77050	8.11				
LCSD 860-75272/4		76052	8.11				
860-35784-15 MS	Artesia-MW28-10262022 MS	77676	8.11				
MB 860-75272/9		65197	8.11				
860-35784-15	Artesia-MW28-10262022	60656	8.11				
860-35784-16	Artesia-MW34-10262022	57326	8.11				
860-35784-17	Artesia-MW31-10262022	59537	8.11				
860-35784-18	Artesia-MW22-10262022	58103	8.11				
860-35784-19	Artesia-MW25-10262022	58066	8.11				
860-35784-20	Artesia-MW32-10262022	56524	8.11				
860-35784-21	Artesia-MW11-10262022	58858	8.11				
860-35784-22	Artesia-MD11-10262022	57689	8.11				
860-35784-24	Artesia-MW37-10262022	65465	8.11				
860-35784-23	Artesia-MW12-10262022	69637	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 8260D

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Sample No.: ICIS 860-73445/6 Date Analyzed: 10/17/2022 15:24

Instrument ID: A294 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): T10172218.D Heated Purge: (Y/N) N

Calibration ID: 3829

		PFB		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		661695	3.93	983758	4.44	863483	6.49
UPPER LIMIT		1323390	4.43	1967516	4.94	1726966	6.99
LOWER LIMIT		330848	3.43	491879	3.94	431742	5.99
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 860-73445/13		745016	3.93	1077281	4.44	928676	6.49
CCVIS 860-75008/2		659159	3.92	968917	4.44	843880	6.49
CCVIS 860-75142/2		633972	3.93	911711	4.44	783536	6.49

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 8260D

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Sample No.: ICIS 860-73445/6 Date Analyzed: 10/17/2022 15:24

Instrument ID: A294 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): T10172218.D Heated Purge: (Y/N) N

Calibration ID: 3829

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		463691	8.19				
UPPER LIMIT		927382	8.69				
LOWER LIMIT		231846	7.69				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 860-73445/13		497210	8.19				
CCVIS 860-75008/2		453164	8.19				
CCVIS 860-75142/2		413873	8.19				

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 8260D

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Sample No.: CCVIS 860-75008/2 Date Analyzed: 10/27/2022 09:21

Instrument ID: A294 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): T10272202.D Heated Purge: (Y/N) N

Calibration ID: 3829

		PFB		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		659159	3.92	968917	4.44	843880	6.49
UPPER LIMIT		1318318	4.42	1937834	4.94	1687760	6.99
LOWER LIMIT		329580	3.42	484459	3.94	421940	5.99
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 860-75008/3		672253	3.92	957768	4.44	825409	6.49
LCSD 860-75008/4		692120	3.93	995771	4.44	863961	6.49
MB 860-75008/10		695515	3.93	987736	4.44	790202	6.49
860-35784-1	Artesia-TB01-10252022	630306	3.93	932530	4.44	747638	6.49
860-35784-12	Artesia-TB02-10262022	624814	3.93	956861	4.44	787103	6.49
860-35784-2	Artesia-Inlet-10252022	541349	3.93	888271	4.44	689665	6.49
860-35784-3	Artesia-Mid-10252022	576061	3.93	864251	4.44	685518	6.49
860-35784-4	Artesia-Outlet-10252022	578471	3.93	866842	4.44	704960	6.49
860-35784-5	Artesia-MW40-10252022	603835	3.93	890155	4.44	749529	6.49
860-35784-6	Artesia-MD40-10252022	572819	3.93	851590	4.44	722667	6.49
860-35784-7	Artesia-MW39-10252022	590887	3.93	869525	4.44	696063	6.49
860-35784-8	Artesia-MW35-10252022	535431	3.93	827694	4.44	690269	6.49

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 8260D

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Sample No.: CCVIS 860-75008/2 Date Analyzed: 10/27/2022 09:21

Instrument ID: A294 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): T10272202.D Heated Purge: (Y/N) N

Calibration ID: 3829

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		453164	8.19				
UPPER LIMIT		906328	8.69				
LOWER LIMIT		226582	7.69				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 860-75008/3		435509	8.19				
LCSD 860-75008/4		462337	8.19				
MB 860-75008/10		391678	8.19				
860-35784-1	Artesia-TB01-10252022	381711	8.19				
860-35784-12	Artesia-TB02-10262022	387900	8.19				
860-35784-2	Artesia-Inlet-10252022	334098	8.19				
860-35784-3	Artesia-Mid-10252022	342399	8.19				
860-35784-4	Artesia-Outlet-10252022	334291	8.19				
860-35784-5	Artesia-MW40-10252022	362079	8.19				
860-35784-6	Artesia-MD40-10252022	346628	8.19				
860-35784-7	Artesia-MW39-10252022	353356	8.19				
860-35784-8	Artesia-MW35-10252022	328305	8.19				

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 8260D

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Sample No.: CCVIS 860-75142/2 Date Analyzed: 10/27/2022 21:06

Instrument ID: A294 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): T10272238.D Heated Purge: (Y/N) N

Calibration ID: 3829

		PFB		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		633972	3.93	911711	4.44	783536	6.49
UPPER LIMIT		1267944	4.43	1823422	4.94	1567072	6.99
LOWER LIMIT		316986	3.43	455856	3.94	391768	5.99
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 860-75142/3		658154	3.93	950988	4.44	826968	6.49
LCSD 860-75142/4		678040	3.93	966874	4.44	833340	6.49
860-35784-11 MS	Artesia-MW36-10252022 MS	655429	3.93	954796	4.44	807016	6.49
860-35784-11 MSD	Artesia-MW36-10252022 MSD	679001	3.93	987156	4.44	842260	6.49
MB 860-75142/11		693209	3.93	1022021	4.44	868093	6.49
860-35784-11	Artesia-MW36-10252022	674884	3.93	961956	4.44	790812	6.49
860-35784-9	Artesia-MW38-10252022	655893	3.93	962929	4.44	800085	6.49
860-35784-10	Artesia-MW17C-10252022	693285	3.93	998614	4.44	826056	6.49
860-35784-13	Artesia-MW30-10262022	644713	3.93	928396	4.44	760865	6.49
860-35784-14	Artesia-MW29-10262022	653907	3.93	961901	4.44	789283	6.49

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 8260D

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Sample No.: CCVIS 860-75142/2 Date Analyzed: 10/27/2022 21:06

Instrument ID: A294 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): T10272238.D Heated Purge: (Y/N) N

Calibration ID: 3829

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		413873	8.19				
UPPER LIMIT		827746	8.69				
LOWER LIMIT		206937	7.69				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 860-75142/3		444986	8.19				
LCSD 860-75142/4		442392	8.19				
860-35784-11 MS	Artesia-MW36-10252022 MS	415965	8.19				
860-35784-11 MSD	Artesia-MW36-10252022 MSD	435872	8.19				
MB 860-75142/11		456398	8.19				
860-35784-11	Artesia-MW36-10252022	408416	8.19				
860-35784-9	Artesia-MW38-10252022	423773	8.19				
860-35784-10	Artesia-MW17C-10252022	397846	8.19				
860-35784-13	Artesia-MW30-10262022	349709	8.19				
860-35784-14	Artesia-MW29-10262022	387911	8.19				

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 8260D

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Client Sample ID: Artesia-TB01-10252022 Lab Sample ID: 860-35784-1

Matrix: Water Lab File ID: T10272219.D

Analysis Method: 8260D Date Collected: 10/25/2022 08:00

Sample wt/vol: 5(mL) Date Analyzed: 10/27/2022 15:06

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 75008 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.000635	U	0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.000738	U	0.00100	0.000738
71-43-2	Benzene	0.000533	U	0.00100	0.000533
91-20-3	Naphthalene	0.00135	U	0.0100	0.00135
127-18-4	Tetrachloroethene	0.000801	U	0.00100	0.000801

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		63-144
460-00-4	4-Bromofluorobenzene (Surr)	101		74-124
1868-53-7	Dibromofluoromethane (Surr)	97		75-131
2037-26-5	Toluene-d8 (Surr)	103		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Client Sample ID: Artesia-Inlet-10252022 Lab Sample ID: 860-35784-2

Matrix: Water Lab File ID: T10272226.D

Analysis Method: 8260D Date Collected: 10/25/2022 08:50

Sample wt/vol: 5(mL) Date Analyzed: 10/27/2022 17:19

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 75008 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.00205		0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.00581		0.00100	0.000738
71-43-2	Benzene	0.000533	U	0.00100	0.000533
91-20-3	Naphthalene	0.00135	U	0.0100	0.00135
127-18-4	Tetrachloroethene	0.00489		0.00100	0.000801

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	114		63-144
460-00-4	4-Bromofluorobenzene (Surr)	103		74-124
1868-53-7	Dibromofluoromethane (Surr)	109		75-131
2037-26-5	Toluene-d8 (Surr)	105		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Client Sample ID: Artesia-Mid-10252022 Lab Sample ID: 860-35784-3

Matrix: Water Lab File ID: T10272227.D

Analysis Method: 8260D Date Collected: 10/25/2022 08:55

Sample wt/vol: 5(mL) Date Analyzed: 10/27/2022 17:38

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 75008 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.00263		0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.00619		0.00100	0.000738
71-43-2	Benzene	0.000533	U	0.00100	0.000533
91-20-3	Naphthalene	0.00135	U	0.0100	0.00135
127-18-4	Tetrachloroethene	0.000801	U	0.00100	0.000801

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		63-144
460-00-4	4-Bromofluorobenzene (Surr)	104		74-124
1868-53-7	Dibromofluoromethane (Surr)	100		75-131
2037-26-5	Toluene-d8 (Surr)	105		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Client Sample ID: Artesia-Outlet-10252022 Lab Sample ID: 860-35784-4

Matrix: Water Lab File ID: T10272228.D

Analysis Method: 8260D Date Collected: 10/25/2022 09:00

Sample wt/vol: 5(mL) Date Analyzed: 10/27/2022 17:56

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 75008 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.00426		0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.000738	U	0.00100	0.000738
71-43-2	Benzene	0.000533	U	0.00100	0.000533
91-20-3	Naphthalene	0.00135	U	0.0100	0.00135
127-18-4	Tetrachloroethene	0.000801	U	0.00100	0.000801

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	114		63-144
460-00-4	4-Bromofluorobenzene (Surr)	108		74-124
1868-53-7	Dibromofluoromethane (Surr)	98		75-131
2037-26-5	Toluene-d8 (Surr)	101		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Client Sample ID: Artesia-MW40-10252022 Lab Sample ID: 860-35784-5

Matrix: Water Lab File ID: T10272229.D

Analysis Method: 8260D Date Collected: 10/25/2022 17:00

Sample wt/vol: 5(mL) Date Analyzed: 10/27/2022 18:15

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 75008 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.000738	U	0.00100	0.000738
127-18-4	Tetrachloroethene	0.000801	U	0.00100	0.000801

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		63-144
460-00-4	4-Bromofluorobenzene (Surr)	105		74-124
1868-53-7	Dibromofluoromethane (Surr)	97		75-131
2037-26-5	Toluene-d8 (Surr)	100		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Client Sample ID: Artesia-MD40-10252022 Lab Sample ID: 860-35784-6

Matrix: Water Lab File ID: T10272230.D

Analysis Method: 8260D Date Collected: 10/25/2022 17:05

Sample wt/vol: 5(mL) Date Analyzed: 10/27/2022 18:34

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 75008 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.000738	U	0.00100	0.000738
127-18-4	Tetrachloroethene	0.000801	U	0.00100	0.000801

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		63-144
460-00-4	4-Bromofluorobenzene (Surr)	103		74-124
1868-53-7	Dibromofluoromethane (Surr)	102		75-131
2037-26-5	Toluene-d8 (Surr)	100		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Client Sample ID: Artesia-MW39-10252022 Lab Sample ID: 860-35784-7

Matrix: Water Lab File ID: T10272231.D

Analysis Method: 8260D Date Collected: 10/25/2022 17:30

Sample wt/vol: 5(mL) Date Analyzed: 10/27/2022 18:53

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 75008 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.00438		0.00100	0.000738
127-18-4	Tetrachloroethene	0.00872		0.00100	0.000801

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		63-144
460-00-4	4-Bromofluorobenzene (Surr)	101		74-124
1868-53-7	Dibromofluoromethane (Surr)	99		75-131
2037-26-5	Toluene-d8 (Surr)	104		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Client Sample ID: Artesia-MW35-10252022 Lab Sample ID: 860-35784-8

Matrix: Water Lab File ID: T10272232.D

Analysis Method: 8260D Date Collected: 10/25/2022 17:45

Sample wt/vol: 5(mL) Date Analyzed: 10/27/2022 19:12

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 75008 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.0135		0.00100	0.000738
127-18-4	Tetrachloroethene	0.0149		0.00100	0.000801

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	116		63-144
460-00-4	4-Bromofluorobenzene (Surr)	108		74-124
1868-53-7	Dibromofluoromethane (Surr)	107		75-131
2037-26-5	Toluene-d8 (Surr)	101		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Client Sample ID: Artesia-MW38-10252022 Lab Sample ID: 860-35784-9

Matrix: Water Lab File ID: T10272252.D

Analysis Method: 8260D Date Collected: 10/25/2022 12:10

Sample wt/vol: 5(mL) Date Analyzed: 10/28/2022 01:32

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 75142 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.0669		0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.00122		0.00100	0.000738
71-43-2	Benzene	0.00471		0.00100	0.000533
91-20-3	Naphthalene	0.00360	J	0.0100	0.00135
127-18-4	Tetrachloroethene	0.00177		0.00100	0.000801

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		63-144
460-00-4	4-Bromofluorobenzene (Surr)	104		74-124
1868-53-7	Dibromofluoromethane (Surr)	102		75-131
2037-26-5	Toluene-d8 (Surr)	101		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Client Sample ID: Artesia-MW17C-10252022 Lab Sample ID: 860-35784-10

Matrix: Water Lab File ID: T10272253.D

Analysis Method: 8260D Date Collected: 10/25/2022 15:00

Sample wt/vol: 5(mL) Date Analyzed: 10/28/2022 01:51

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 75142 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.000635	U	0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.000738	U	0.00100	0.000738
71-43-2	Benzene	0.000533	U	0.00100	0.000533
91-20-3	Naphthalene	0.00135	U	0.0100	0.00135
127-18-4	Tetrachloroethene	0.000801	U	0.00100	0.000801

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		63-144
460-00-4	4-Bromofluorobenzene (Surr)	105		74-124
1868-53-7	Dibromofluoromethane (Surr)	95		75-131
2037-26-5	Toluene-d8 (Surr)	100		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Client Sample ID: Artesia-MW36-10252022 Lab Sample ID: 860-35784-11

Matrix: Water Lab File ID: T10272251.D

Analysis Method: 8260D Date Collected: 10/25/2022 18:00

Sample wt/vol: 5(mL) Date Analyzed: 10/28/2022 01:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 75142 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.0111		0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.000738	U	0.00100	0.000738
71-43-2	Benzene	0.000897	J	0.00100	0.000533
91-20-3	Naphthalene	0.00135	U	0.0100	0.00135
127-18-4	Tetrachloroethene	0.00294	F1	0.00100	0.000801

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		63-144
460-00-4	4-Bromofluorobenzene (Surr)	103		74-124
1868-53-7	Dibromofluoromethane (Surr)	96		75-131
2037-26-5	Toluene-d8 (Surr)	103		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Client Sample ID: Artesia-TB02-10262022 Lab Sample ID: 860-35784-12

Matrix: Water Lab File ID: T10272220.D

Analysis Method: 8260D Date Collected: 10/26/2022 07:30

Sample wt/vol: 5(mL) Date Analyzed: 10/27/2022 15:25

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 75008 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.000635	U	0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.000738	U	0.00100	0.000738
71-43-2	Benzene	0.000533	U	0.00100	0.000533
91-20-3	Naphthalene	0.00135	U	0.0100	0.00135
127-18-4	Tetrachloroethene	0.000801	U	0.00100	0.000801

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		63-144
460-00-4	4-Bromofluorobenzene (Surr)	102		74-124
1868-53-7	Dibromofluoromethane (Surr)	100		75-131
2037-26-5	Toluene-d8 (Surr)	101		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Client Sample ID: Artesia-MW30-10262022 Lab Sample ID: 860-35784-13

Matrix: Water Lab File ID: T10272254.D

Analysis Method: 8260D Date Collected: 10/26/2022 07:45

Sample wt/vol: 5(mL) Date Analyzed: 10/28/2022 02:10

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 75142 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.000995	J	0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.00256		0.00100	0.000738
71-43-2	Benzene	0.000533	U	0.00100	0.000533
91-20-3	Naphthalene	0.00135	U	0.0100	0.00135
127-18-4	Tetrachloroethene	0.00326		0.00100	0.000801

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		63-144
460-00-4	4-Bromofluorobenzene (Surr)	104		74-124
1868-53-7	Dibromofluoromethane (Surr)	96		75-131
2037-26-5	Toluene-d8 (Surr)	102		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Client Sample ID: Artesia-MW29-10262022 Lab Sample ID: 860-35784-14

Matrix: Water Lab File ID: T10272255.D

Analysis Method: 8260D Date Collected: 10/26/2022 08:30

Sample wt/vol: 5(mL) Date Analyzed: 10/28/2022 02:29

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 75142 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.00377		0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.00804		0.00100	0.000738
71-43-2	Benzene	0.000533	U	0.00100	0.000533
91-20-3	Naphthalene	0.00135	U	0.0100	0.00135
127-18-4	Tetrachloroethene	0.0135		0.00100	0.000801

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		63-144
460-00-4	4-Bromofluorobenzene (Surr)	100		74-124
1868-53-7	Dibromofluoromethane (Surr)	96		75-131
2037-26-5	Toluene-d8 (Surr)	100		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Client Sample ID: Artesia-MW28-10262022 Lab Sample ID: 860-35784-15

Matrix: Water Lab File ID: E10282244.D

Analysis Method: 8260D Date Collected: 10/26/2022 08:50

Sample wt/vol: 5(mL) Date Analyzed: 10/28/2022 23:18

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 75272 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.000635	U	0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.00231		0.00100	0.000738
71-43-2	Benzene	0.000533	U	0.00100	0.000533
91-20-3	Naphthalene	0.00135	U	0.0100	0.00135
127-18-4	Tetrachloroethene	0.00297		0.00100	0.000801

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		63-144
460-00-4	4-Bromofluorobenzene (Surr)	104		74-124
1868-53-7	Dibromofluoromethane (Surr)	98		75-131
2037-26-5	Toluene-d8 (Surr)	102		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Client Sample ID: Artesia-MW34-10262022 Lab Sample ID: 860-35784-16

Matrix: Water Lab File ID: E10282245.D

Analysis Method: 8260D Date Collected: 10/26/2022 09:15

Sample wt/vol: 5(mL) Date Analyzed: 10/28/2022 23:39

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 75272 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.000635	U	0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.000738	U	0.00100	0.000738
71-43-2	Benzene	0.000533	U	0.00100	0.000533
91-20-3	Naphthalene	0.00135	U	0.0100	0.00135
127-18-4	Tetrachloroethene	0.000801	U	0.00100	0.000801

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		63-144
460-00-4	4-Bromofluorobenzene (Surr)	100		74-124
1868-53-7	Dibromofluoromethane (Surr)	99		75-131
2037-26-5	Toluene-d8 (Surr)	100		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Client Sample ID: Artesia-MW31-10262022 Lab Sample ID: 860-35784-17

Matrix: Water Lab File ID: E10282246.D

Analysis Method: 8260D Date Collected: 10/26/2022 09:41

Sample wt/vol: 5(mL) Date Analyzed: 10/28/2022 23:59

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 75272 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.00291		0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.000738	U	0.00100	0.000738
71-43-2	Benzene	0.000533	U	0.00100	0.000533
91-20-3	Naphthalene	0.00135	U	0.0100	0.00135
127-18-4	Tetrachloroethene	0.000801	U	0.00100	0.000801

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		63-144
460-00-4	4-Bromofluorobenzene (Surr)	99		74-124
1868-53-7	Dibromofluoromethane (Surr)	101		75-131
2037-26-5	Toluene-d8 (Surr)	101		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Client Sample ID: Artesia-MW22-10262022 Lab Sample ID: 860-35784-18

Matrix: Water Lab File ID: E10282247.D

Analysis Method: 8260D Date Collected: 10/26/2022 10:00

Sample wt/vol: 5(mL) Date Analyzed: 10/29/2022 00:20

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 75272 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.000635	U	0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.000738	U	0.00100	0.000738
71-43-2	Benzene	0.000533	U	0.00100	0.000533
91-20-3	Naphthalene	0.00135	U	0.0100	0.00135
127-18-4	Tetrachloroethene	0.000801	U	0.00100	0.000801

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		63-144
460-00-4	4-Bromofluorobenzene (Surr)	101		74-124
1868-53-7	Dibromofluoromethane (Surr)	99		75-131
2037-26-5	Toluene-d8 (Surr)	100		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Client Sample ID: Artesia-MW25-10262022 Lab Sample ID: 860-35784-19

Matrix: Water Lab File ID: E10282248.D

Analysis Method: 8260D Date Collected: 10/26/2022 11:10

Sample wt/vol: 5(mL) Date Analyzed: 10/29/2022 00:40

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 75272 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.000635	U	0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.000738	U	0.00100	0.000738
71-43-2	Benzene	0.000533	U	0.00100	0.000533
91-20-3	Naphthalene	0.00135	U	0.0100	0.00135
127-18-4	Tetrachloroethene	0.000801	U	0.00100	0.000801

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		63-144
460-00-4	4-Bromofluorobenzene (Surr)	101		74-124
1868-53-7	Dibromofluoromethane (Surr)	101		75-131
2037-26-5	Toluene-d8 (Surr)	100		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Client Sample ID: Artesia-MW32-10262022 Lab Sample ID: 860-35784-20

Matrix: Water Lab File ID: E10282249.D

Analysis Method: 8260D Date Collected: 10/26/2022 11:30

Sample wt/vol: 5(mL) Date Analyzed: 10/29/2022 01:01

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 75272 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.000635	U	0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.000738	U	0.00100	0.000738
71-43-2	Benzene	0.000533	U	0.00100	0.000533
91-20-3	Naphthalene	0.00135	U	0.0100	0.00135
127-18-4	Tetrachloroethene	0.000801	U	0.00100	0.000801

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		63-144
460-00-4	4-Bromofluorobenzene (Surr)	103		74-124
1868-53-7	Dibromofluoromethane (Surr)	102		75-131
2037-26-5	Toluene-d8 (Surr)	100		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Client Sample ID: Artesia-MW11-10262022 Lab Sample ID: 860-35784-21

Matrix: Water Lab File ID: E10282250.D

Analysis Method: 8260D Date Collected: 10/26/2022 12:55

Sample wt/vol: 5(mL) Date Analyzed: 10/29/2022 01:21

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 75272 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.00202		0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.000738	U	0.00100	0.000738
71-43-2	Benzene	0.000533	U	0.00100	0.000533
91-20-3	Naphthalene	0.00135	U	0.0100	0.00135
127-18-4	Tetrachloroethene	0.000801	U	0.00100	0.000801

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		63-144
460-00-4	4-Bromofluorobenzene (Surr)	100		74-124
1868-53-7	Dibromofluoromethane (Surr)	100		75-131
2037-26-5	Toluene-d8 (Surr)	100		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Client Sample ID: Artesia-MD11-10262022 Lab Sample ID: 860-35784-22

Matrix: Water Lab File ID: E10282251.D

Analysis Method: 8260D Date Collected: 10/26/2022 13:00

Sample wt/vol: 5(mL) Date Analyzed: 10/29/2022 01:42

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 75272 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.00212		0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.000738	U	0.00100	0.000738
71-43-2	Benzene	0.000533	U	0.00100	0.000533
91-20-3	Naphthalene	0.00135	U	0.0100	0.00135
127-18-4	Tetrachloroethene	0.000801	U	0.00100	0.000801

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		63-144
460-00-4	4-Bromofluorobenzene (Surr)	100		74-124
1868-53-7	Dibromofluoromethane (Surr)	102		75-131
2037-26-5	Toluene-d8 (Surr)	99		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Client Sample ID: Artesia-MW12-10262022 Lab Sample ID: 860-35784-23

Matrix: Water Lab File ID: E10282262.D

Analysis Method: 8260D Date Collected: 10/26/2022 09:30

Sample wt/vol: 5(mL) Date Analyzed: 10/29/2022 05:28

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 75272 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.0349		0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.00120		0.00100	0.000738
71-43-2	Benzene	0.00354		0.00100	0.000533
91-20-3	Naphthalene	0.0796		0.0100	0.00135
127-18-4	Tetrachloroethene	0.00100		0.00100	0.000801

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		63-144
460-00-4	4-Bromofluorobenzene (Surr)	101		74-124
1868-53-7	Dibromofluoromethane (Surr)	97		75-131
2037-26-5	Toluene-d8 (Surr)	100		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Client Sample ID: Artesia-MW37-10262022 Lab Sample ID: 860-35784-24

Matrix: Water Lab File ID: E10282252.D

Analysis Method: 8260D Date Collected: 10/26/2022 11:20

Sample wt/vol: 5(mL) Date Analyzed: 10/29/2022 02:02

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH: 2.0

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 75272 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.0638		0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.00261		0.00100	0.000738
71-43-2	Benzene	0.00639		0.00100	0.000533
91-20-3	Naphthalene	0.00170	J	0.0100	0.00135
127-18-4	Tetrachloroethene	0.00544		0.00100	0.000801

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		63-144
460-00-4	4-Bromofluorobenzene (Surr)	96		74-124
1868-53-7	Dibromofluoromethane (Surr)	103		75-131
2037-26-5	Toluene-d8 (Surr)	99		80-117

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Houston Job No.: 860-35784-1 Analy Batch No.: 73795

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/19/2022 10:02 Calibration End Date: 10/19/2022 12:06 Calibration ID: 3843

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-73795/2	E10192209.D
Level 2	IC 860-73795/3	E10192210.D
Level 3	IC 860-73795/4	E10192211.D
Level 4	IC 860-73795/5	E10192212.D
Level 5	ICIS 860-73795/6	E10192213.D
Level 6	IC 860-73795/7	E10192214.D
Level 7	IC 860-73795/8	E10192215.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	0.3761 0.0428	0.1054 0.0392	0.0740	0.0461	0.0453	Lin1	0.3378	0.0377				7.2			0.9970		0.9950
Dichlorodifluoromethane	0.5728 0.6505	0.6588 0.6034	0.6830	0.5809	0.6351	Ave		0.6263				6.6		20.0			
Chloromethane	0.6782 0.6829	0.6991 0.6860	0.7471	0.6825	0.6941	Ave		0.6957				3.4		20.0			
Vinyl chloride	0.5236 0.5805	0.5705 0.5442	0.6031	0.5496	0.5552	Ave		0.5610				4.7		20.0			
1,3-Butadiene	0.6057 0.5516	0.5305 0.5192	0.5599	0.5020	0.5300	Ave		0.5427				6.2		20.0			
Ethylene oxide	0.1411 0.1276	0.1577 0.1147	0.1458	0.1574	0.1441	Ave		0.1412				11.0		20.0			
Bromomethane	0.3298 0.3300	0.3451 0.3190	0.3527	0.3214	0.3085	Ave		0.3295				4.6		20.0			
Chloroethane	0.4019 0.3144	0.3433 0.2867	0.3622	0.3096	0.3166	Ave		0.3335				11.6		20.0			
Dichlorofluoromethane	0.8400 0.9586	0.9412 0.9065	1.0176	0.9229	0.9409	Ave		0.9325				5.8		20.0			
Trichlorofluoromethane	0.7350 0.7066	0.7647 0.6980	0.7372	0.6744	0.7171	Ave		0.7190				4.1		20.0			
Diethyl ether	0.2830 0.3991	0.3861 0.3944	0.3866	0.4059	0.3892	Ave		0.3778				11.2		20.0			
Acrolein	0.0248 0.0487	0.0401 0.0470	0.0418	0.0459	0.0462	Ave		0.0421				19.4		20.0			
1,1-Dichloroethene	0.2224 0.2672	0.2576 0.2589	0.2919	0.2712	0.2791	Ave		0.2640				8.3		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
CURVE EVALUATION

Lab Name: Eurofins Houston Job No.: 860-35784-1 Analy Batch No.: 73795

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/19/2022 10:02 Calibration End Date: 10/19/2022 12:06 Calibration ID: 3843

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								
1,1,2-Trichloro-1,2,2-trifluoroethane	+++++ 0.1932	0.2011 0.1916	0.1852	0.1931	0.2077	Ave		0.1953				4.0		20.0			
Acetone	0.0872 0.0544	0.0604 0.0527	0.0536	0.0558	0.0519	Lin1	0.1672	0.0529				3.3			0.9990		0.9950
Iodomethane (Methyl Iodide)	0.0453 0.3956	0.1113 0.3930	0.1646	0.2653	0.3432	Qua	-1.586	0.3759	0.0002083			66.9			0.9980		0.9900
Carbon disulfide	0.9345 0.8150	0.8885 0.7893	0.8359	0.8305	0.8530	Ave		0.8495				5.7		20.0			
Isopropyl alcohol	0.0517 0.0423	0.0449 0.0404	0.0406	0.0429	0.0392	Ave		0.0431				9.8		20.0			
Acetonitrile	+++++ 0.0503	0.0641 0.0483	0.0497	0.0525	0.0488	Ave		0.0523				11.5		20.0			
Allyl Chloride (3-Chloropropene)	0.1537 0.1991	0.2059 0.1843	0.1958	0.2099	0.1986	Ave		0.1925				9.8		20.0			
Methyl acetate	0.6322 0.5858	0.6342 0.5524	0.5951	0.6217	0.5676	Ave		0.5984				5.4		20.0			
Methylene Chloride	0.6243 0.4413	0.4972 0.4183	0.4651	0.4518	0.4543	Ave		0.4789				14.3		20.0			
tert-Butyl alcohol	0.0719 0.0700	0.0716 0.0655	0.0641	0.0720	0.0653	Ave		0.0686				5.1		20.0			
Acrylonitrile	0.2471 0.2361	0.2361 0.2248	0.2302	0.2419	0.2245	Ave		0.2344				3.6		20.0			
trans-1,2-Dichloroethene	0.3651 0.3339	0.3480 0.3282	0.3497	0.3331	0.3570	Ave		0.3450				4.0		20.0			
MTBE	1.5202 1.5228	1.5966 1.4494	1.4817	1.5497	1.5168	Ave		1.5196				3.1		20.0			
n-Hexane	0.3308 0.3481	0.3381 0.3319	0.3463	0.3377	0.3535	Ave		0.3409				2.5		20.0			
1,1-Dichloroethane	0.8291 0.8152	0.8929 0.7841	0.8860	0.8561	0.8516	Ave		0.8450				4.6		20.0			
Vinyl acetate	1.3481 1.3414	1.3640 1.2926	1.3146	1.3723	1.3204	Ave		1.3362				2.1		20.0			
Chloroprene	0.6682 0.6440	0.6430 0.6091	0.6514	0.6425	0.6724	Ave		0.6472				3.2		20.0			
Isopropyl ether	1.8304 1.7514	1.8561 1.6835	1.8038	1.7840	1.8038	Ave		1.7876				3.2		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
CURVE EVALUATION

Lab Name: Eurofins Houston Job No.: 860-35784-1 Analy Batch No.: 73795

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/19/2022 10:02 Calibration End Date: 10/19/2022 12:06 Calibration ID: 3843

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								
Ethyl tert-butyl ether	1.6290 1.6106	1.6279 1.5586	1.6097	1.6130	1.5920	Ave		1.6058				1.5		20.0			
2,2-Dichloropropane	0.7899 0.6750	0.7067 0.6361	0.6857	0.6758	0.6963	Ave		0.6951				6.8		20.0			
cis-1,2-Dichloroethene	0.8949 0.8008	0.8564 0.7703	0.8151	0.8147	0.8297	Ave		0.8260				4.9		20.0			
2-Butanone	0.1080 0.0756	0.0823 0.0699	0.0752	0.0784	0.0708	Ave		0.0800				16.3		20.0			
Propane Nitrile (Propionitrile)	0.1027 0.0979	0.1032 0.0949	0.0967	0.1034	0.0942	Ave		0.0990				4.1		20.0			
Ethyl acetate	0.7291 0.7026	0.7512 0.6568	0.7039	0.7366	0.6663	Ave		0.7066				5.0		20.0			
Bromochloromethane	0.3079 0.3297	0.3477 0.3114	0.3431	0.3269	0.3340	Ave		0.3287				4.5		20.0			
Methacrylonitrile	0.2734 0.2725	0.2824 0.2588	0.2694	0.2809	0.2682	Ave		0.2723				2.9		20.0			
Tetrahydrofuran	0.2071 0.2258	0.2091 0.2038	0.2180	0.2249	0.2036	Ave		0.2132				4.5		20.0			
Chloroform	1.0968 0.9098	0.9602 0.8639	0.9267	0.9145	0.9463	Ave		0.9455				7.8		20.0			
1,1,1-Trichloroethane	0.7866 0.6861	0.7575 0.6698	0.7148	0.7173	0.7158	Ave		0.7211				5.5		20.0			
Cyclohexane	+++++ 0.4090	0.7161 0.4146	0.5679	0.4864	0.4711	Lin1	1.6702	0.4060				5.5			0.9980		0.9950
1,1-Dichloropropene	0.6582 0.5725	0.5774 0.5534	0.6027	0.5780	0.5927	Ave		0.5907				5.7		20.0			
Carbon tetrachloride	0.5928 0.5523	0.5260 0.5332	0.5553	0.5620	0.5719	Ave		0.5562				4.1		20.0			
Isobutanol	0.0185 0.0203	0.0194 0.0200	0.0194	0.0211	0.0188	Ave		0.0197				4.6		20.0			
Benzene	1.1878 1.1064	1.2303 1.0792	1.1769	1.1371	1.1500	Ave		1.1525				4.4		20.0			
1,2-Dichloroethane	0.5077 0.4939	0.5362 0.4814	0.5135	0.5090	0.5002	Ave		0.5060				3.4		20.0			
2,2,4-Trimethylpentane	0.6526 0.6946	0.6411 0.6501	0.6631	0.6952	0.6900	Ave		0.6695				3.5		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
CURVE EVALUATION

Lab Name: Eurofins Houston Job No.: 860-35784-1 Analy Batch No.: 73795

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/19/2022 10:02 Calibration End Date: 10/19/2022 12:06 Calibration ID: 3843

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								
Tert-amyl methyl ether	0.9105 0.9144	0.9229 0.8995	0.8266	0.9389	0.9028	Ave		0.9023				4.0		20.0			
n-Butanol	+++++ 0.0248	0.0229 0.0237	0.0243	0.0266	0.0226	Ave		0.0242				6.2		20.0			
Trichloroethene	0.2401 0.2400	0.2718 0.2390	0.2595	0.2510	0.2538	Ave		0.2507				4.9		20.0			
Methylcyclohexane	0.2872 0.3512	0.3368 0.3397	0.3390	0.3453	0.3551	Ave		0.3363				6.7		20.0			
1,2-Dichloropropane	0.3725 0.3648	0.3920 0.3617	0.3757	0.3798	0.3787	Ave		0.3750				2.7		20.0			
Dibromomethane	0.2207 0.2251	0.2276 0.2214	0.2358	0.2379	0.2302	Ave		0.2284				2.9		20.0			
Methyl methacrylate	0.2618 0.2783	0.2736 0.2700	0.2544	0.2780	0.2654	Ave		0.2688				3.3		20.0			
1,4-Dioxane (P-Dioxane)	+++++ 0.0041	0.0036 0.0039	0.0037	0.0039	0.0038	Ave		0.0038				4.9		20.0			
Bromodichloromethane	0.4926 0.4477	0.4787 0.4452	0.4541	0.4602	0.4573	Ave		0.4623				3.7		20.0			
2-Nitropropane	0.1168 0.1257	0.1282 0.1236	0.1131	0.1241	0.1174	Ave		0.1212				4.6		20.0			
2-Chloroethyl vinyl ether	0.1457 0.1917	0.1789 0.1920	0.1750	0.1839	0.1849	Ave		0.1789				8.9		20.0			
Epichlorohydrin	0.0349 0.0378	0.0370 0.0368	0.0333	0.0377	0.0356	Ave		0.0362				4.5		20.0			
cis-1,3-Dichloropropene	0.5193 0.5569	0.5506 0.5492	0.5396	0.5614	0.5523	Ave		0.5470				2.6		20.0			
4-Methyl-2-pentanone	0.4125 0.4255	0.4343 0.4100	0.4055	0.4433	0.4044	Ave		0.4194				3.6		20.0			
Toluene	0.7580 0.7304	0.7951 0.7167	0.8044	0.7819	0.7955	Ave		0.7688				4.5		20.0			
trans-1,3-Dichloropropene	0.6169 0.5985	0.6308 0.5794	0.5927	0.6180	0.6129	Ave		0.6070				2.9		20.0			
Ethyl methacrylate	0.4766 0.5571	0.5362 0.5425	0.5291	0.5703	0.5400	Ave		0.5360				5.5		20.0			
1,1,2-Trichloroethane	0.3626 0.3115	0.3453 0.3000	0.3307	0.3362	0.3239	Ave		0.3300				6.3		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

Received by OCD: 3/30/2023 11:30:39 AM

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Houston Job No.: 860-35784-1 Analy Batch No.: 73795

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/19/2022 10:02 Calibration End Date: 10/19/2022 12:06 Calibration ID: 3843

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								
Tetrachloroethene	0.1665 0.2095	0.2288 0.2025	0.2251	0.2149	0.2251	Ave		0.2103				10.2		20.0			
1,3-Dichloropropane	0.6275 0.5978	0.6404 0.5709	0.6091	0.6389	0.6127	Ave		0.6139				4.0		20.0			
2-Hexanone	0.2982 0.3336	0.3385 0.3174	0.3313	0.3705	0.3324	Ave		0.3317				6.6		20.0			
Dibromochloromethane	0.3471 0.3784	0.4147 0.3743	0.3797	0.3983	0.3917	Ave		0.3835				5.5		20.0			
1,2-Dibromoethane	0.3828 0.3656	0.3908 0.3503	0.3682	0.3809	0.3625	Ave		0.3716				3.7		20.0			
1-Chlorohexane	0.9102 0.3206	0.4386 0.3002	0.3839	0.3451	0.3314	Lin1	0.6389	0.3072				6.4			0.9990		0.9950
Chlorobenzene	0.9578 0.8653	0.9394 0.8410	0.9002	0.9091	0.9241	Ave		0.9053				4.5		20.0			
1,1,1,2-Tetrachloroethane	0.3213 0.3449	0.3477 0.3327	0.3598	0.3540	0.3556	Ave		0.3451				4.0		20.0			
Ethylbenzene	1.6464 1.4992	1.5044 1.4700	1.5022	1.5529	1.5926	Ave		1.5382				4.1		20.0			
m,p-Xylenes	1.0796 1.1672	1.2008 1.1434	1.1437	1.1752	1.2307	Ave		1.1630				4.1		20.0			
o-Xylene	1.2382 1.2612	1.2161 1.2379	1.2093	1.2646	1.2885	Ave		1.2451				2.3		20.0			
Styrene	0.8636 0.9651	0.9243 0.9495	0.9267	0.9869	0.9958	Ave		0.9446				4.8		20.0			
Bromoform	0.2649 0.2632	0.2732 0.2560	0.2723	0.2667	0.2589	Ave		0.2650				2.4		20.0			
Isopropylbenzene	1.1133 1.3915	1.3265 1.3636	1.3094	1.3600	1.4247	Ave		1.3270				7.7		20.0			
cis-1,4-Dichloro-2-butene	0.1407 0.1542	0.1408 0.1491	0.1421	0.1553	0.1500	Ave		0.1475				4.2		20.0			
Cyclohexanone	0.0186 0.0191	0.0206 0.0180	0.0185	0.0210	0.0190	Ave		0.0193				5.8		20.0			
1,1,2,2-Tetrachloroethane	1.1676 1.0212	1.0928 0.9623	1.0539	1.0562	0.9744	Ave		1.0469				6.7		20.0			
Bromobenzene	0.7754 0.7702	0.8499 0.7325	0.8329	0.7792	0.7730	Ave		0.7876				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 Houston Job No.: 860-35784-1 Analy Batch No.: 73795

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/19/2022 10:02 Calibration End Date: 10/19/2022 12:06 Calibration ID: 3843

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-Trichloropropane	1.4298 1.2727	1.4613 1.2643	1.3684	1.3973	1.2623	Ave		1.3509				6.2		20.0			
trans-1,4-Dichloro-2-butene	0.2854 0.3034	0.3243 0.2883	0.3024	0.3231	0.2826	Ave		0.3014				5.7		20.0			
N-Propylbenzene	3.6641 3.5822	3.6871 3.3752	3.6687	3.6227	3.5843	Ave		3.5978				3.0		20.0			
2-Chlorotoluene	2.6720 2.5740	2.7295 2.3987	2.5802	2.5884	2.5836	Ave		2.5895				4.0		20.0			
4-Ethyltoluene	2.5779 2.7272	2.6902 2.5469	2.7055	2.7448	2.7107	Ave		2.6719				2.9		20.0			
1,3,5-Trimethylbenzene	2.3867 2.5426	2.5680 2.3785	2.5269	2.5451	2.5156	Ave		2.4948				3.1		20.0			
4-Chlorotoluene	2.7953 2.6500	2.8129 2.4818	2.6692	2.7150	2.6784	Ave		2.6861				4.1		20.0			
tert-Butylbenzene	1.9706 2.0237	1.9455 1.8895	1.9478	1.9758	1.9710	Ave		1.9606				2.1		20.0			
1,2,4-Trimethylbenzene	2.5988 2.6556	2.4287 2.4802	2.5887	2.6018	2.5753	Ave		2.5613				3.1		20.0			
sec-Butylbenzene	2.8513 3.0452	2.9162 2.8225	2.9978	3.0366	2.9743	Ave		2.9491				3.0		20.0			
1,3-Dichlorobenzene	1.4021 1.3907	1.4233 1.3124	1.4515	1.3890	1.3883	Ave		1.3939				3.1		20.0			
p-Cymene (p-Isopropyltoluene)	2.2276 2.5518	2.3364 2.3657	2.4373	2.4965	2.4527	Ave		2.4097				4.5		20.0			
1,4-Dichlorobenzene	1.7921 1.4403	1.5493 1.3370	1.5291	1.4361	1.3854	Ave		1.4956				10.1		20.0			
Dicyclopentadiene	3.5610 3.4391	3.6901 3.1829	3.5281	3.4842	3.3936	Ave		3.4684				4.6		20.0			
Benzyl chloride	0.1987 0.2919	0.2443 0.2679	0.2662	0.2858	0.2610	Ave		0.2594				12.0		20.0			
n-Butylbenzene	2.6272 2.6299	2.4423 2.4447	2.5202	2.5891	2.5433	Ave		2.5424				3.1		20.0			
1,2-Dichlorobenzene	1.5157 1.3984	1.4995 1.3274	1.4169	1.3934	1.3745	Ave		1.4180				4.8		20.0			
1,2-Dibromo-3-Chloropropane	0.0979 0.1653	0.1412 0.1595	0.1516	0.1620	0.1527	Ave		0.1472				15.7		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

Received by OCD: 3/30/2023 11:30:39 AM

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Houston Job No.: 860-35784-1 Analy Batch No.: 73795

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/19/2022 10:02 Calibration End Date: 10/19/2022 12:06 Calibration ID: 3843

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	0.7373 0.8427	0.7227 0.8065	0.7439	0.7632	0.7596	Ave		0.7680				5.5		20.0			
Hexachlorobutadiene	0.2749 0.3790	0.3748 0.3583	0.3861	0.3786	0.3644	Ave		0.3594				10.7		20.0			
Naphthalene	1.5844 1.8426	1.4050 1.7617	1.4784	1.6407	1.6112	Ave		1.6177				9.4		20.0			
1,2,3-Trichlorobenzene	0.7358 0.6806	0.5859 0.6321	0.5569	0.6420	0.5913	Ave		0.6321				9.7		20.0			
2-Methylnaphthalene	+++++ 0.4238	0.2547 0.4154	0.2419	0.3266	0.3060	Qua	-1.485	0.3739	0.0003812			28.3			0.9950		0.9900
1-Methylnaphthalene	+++++ 0.3304	0.2015 0.3269	0.1929	0.2630	0.2640	Qua	-1.138	0.3063	0.0002092			23.5			0.9970		0.9900
Dibromofluoromethane (Surr)	0.5799 0.5586	0.5561 0.5478	0.5646	0.5541	0.5479	Ave		0.5584				2.0		20.0			
1,2-Dichloroethane-d4 (Surr)	0.4513 0.4295	0.4548 0.4413	0.4573	0.4493	0.4501	Ave		0.4477				2.1		20.0			
Toluene-d8 (Surr)	1.4403 1.3804	1.4530 1.3956	1.4772	1.4619	1.4339	Ave		1.4346				2.4		20.0			
4-Bromofluorobenzene (Surr)	1.1164 1.0656	1.0713 1.0399	1.1140	1.0690	1.0512	Ave		1.0753				2.7		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
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Houston Job No.: 860-35784-1 Analy Batch No.: 73795

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/19/2022 10:02 Calibration End Date: 10/19/2022 12:06 Calibration ID: 3843

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-73795/2	E10192209.D
Level 2	IC 860-73795/3	E10192210.D
Level 3	IC 860-73795/4	E10192211.D
Level 4	IC 860-73795/5	E10192212.D
Level 5	ICIS 860-73795/6	E10192213.D
Level 6	IC 860-73795/7	E10192214.D
Level 7	IC 860-73795/8	E10192215.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	788 9309	1129 13268	1577	2463	4928	1.00 100	5.00 150	10.0	25.0	50.0
Dichlorodifluoromethane	PFB	Ave	1200 141555	7055 204203	14555	31012	69103	1.00 100	5.00 150	10.0	25.0	50.0
Chloromethane	PFB	Ave	1421 148621	7486 232139	15921	36433	75524	1.00 100	5.00 150	10.0	25.0	50.0
Vinyl chloride	PFB	Ave	1097 126331	6109 184175	12853	29342	60418	1.00 100	5.00 150	10.0	25.0	50.0
1,3-Butadiene	PFB	Ave	1269 120045	5681 175706	11931	26798	57673	1.00 100	5.00 150	10.0	25.0	50.0
Ethylene oxide	PFB	Ave	1478 138895	8444 194043	15531	42019	78396	5.00 500	25.0 750	50.0	125	250
Bromomethane	PFB	Ave	691 71816	3695 107937	7517	17157	33567	1.00 100	5.00 150	10.0	25.0	50.0
Chloroethane	PFB	Ave	842 68429	3676 97036	7719	16530	34448	1.00 100	5.00 150	10.0	25.0	50.0
Dichlorofluoromethane	PFB	Ave	1760 208603	10079 306778	21686	49267	102379	1.00 100	5.00 150	10.0	25.0	50.0
Trichlorofluoromethane	PFB	Ave	1540 153775	8189 236215	15710	36004	78032	1.00 100	5.00 150	10.0	25.0	50.0
Diethyl ether	PFB	Ave	593 86860	4134 133481	8238	21670	42353	1.00 100	5.00 150	10.0	25.0	50.0
Acrolein	PFB	Ave	260 52943	2149 79470	4449	12240	25147	5.00 500	25.0 750	50.0	125	250
1,1-Dichloroethene	PFB	Ave	466 58158	2758 87626	6221	14476	30367	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 Houston Job No.: 860-35784-1 Analy Batch No.: 73795

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/19/2022 10:02 Calibration End Date: 10/19/2022 12:06 Calibration ID: 3843

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
1,1,2-Trichloro-1,2,2-trifluoroethane	PFB	Ave	+++++ 42045	2153 64828	3946	10309	22597	+++++ 100	5.00 150	10.0	25.0	50.0
Acetone	PFB	Lin1	914 59201	3233 89158	5716	14894	28234	5.00 500	25.0 750	50.0	125	250
Iodomethane (Methyl Iodide)	PFB	Qua	95 86095	1192 132979	3508	14163	37347	1.00 100	5.00 150	10.0	25.0	50.0
Carbon disulfide	PFB	Ave	1958 177362	9514 267105	17813	44334	92820	1.00 100	5.00 150	10.0	25.0	50.0
Isopropyl alcohol	PFB	Ave	1084 92062	4812 136735	8643	22881	42701	10.0 1000	50.0 1500	100	250	500
Acetonitrile	PFB	Ave	+++++ 109561	6868 163378	10597	28018	53060	+++++ 1000	50.0 1500	100	250	500
Allyl Chloride (3-Chloropropene)	PFB	Ave	322 43323	2205 62376	4172	11207	21611	1.00 100	5.00 150	10.0	25.0	50.0
Methyl acetate	PFB	Ave	2649 254973	13582 373874	25366	66377	123515	2.00 200	10.0 300	20.0	50.0	100
Methylene Chloride	PFB	Ave	1308 96036	5324 141562	9912	24117	49429	1.00 100	5.00 150	10.0	25.0	50.0
tert-Butyl alcohol	PFB	Ave	1506 152410	7668 221815	13668	38452	71048	10.0 1000	50.0 1500	100	250	500
Acrylonitrile	PFB	Ave	5177 513854	25279 760884	49058	129151	244296	10.0 1000	50.0 1500	100	250	500
trans-1,2-Dichloroethene	PFB	Ave	765 72666	3726 111062	7452	17782	38847	1.00 100	5.00 150	10.0	25.0	50.0
MTBE	PFB	Ave	3185 331396	17097 490480	31576	82729	165050	1.00 100	5.00 150	10.0	25.0	50.0
n-Hexane	PFB	Ave	693 75748	3620 112323	7379	18028	38462	1.00 100	5.00 150	10.0	25.0	50.0
1,1-Dichloroethane	PFB	Ave	1737 177394	9561 265348	18881	45701	92665	1.00 100	5.00 150	10.0	25.0	50.0
Vinyl acetate	PFB	Ave	14122 1459554	73031 2187079	140074	366290	718379	5.00 500	25.0 750	50.0	125	250
Chloroprene	PFB	Ave	1400 140141	6885 206109	13881	34300	73165	1.00 100	5.00 150	10.0	25.0	50.0
Isopropyl ether	PFB	Ave	3835	19876	38441	95236	196278	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 Houston Job No.: 860-35784-1 Analy Batch No.: 73795

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/19/2022 10:02 Calibration End Date: 10/19/2022 12:06 Calibration ID: 3843

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
			381138	569710				100	150			
Ethyl tert-butyl ether	PFB	Ave	3413 350495	17432 527428	34305	86105	173230	1.00 100	5.00 150	10.0	25.0	50.0
2,2-Dichloropropane	PFB	Ave	1655 146901	7568 215259	14613	36078	75763	1.00 100	5.00 150	10.0	25.0	50.0
cis-1,2-Dichloroethene	PFB	Ave	1875 174266	9170 260675	17370	43492	90279	1.00 100	5.00 150	10.0	25.0	50.0
2-Butanone	PFB	Ave	1131 82288	4405 118319	8013	20914	38515	5.00 500	25.0 750	50.0	125	250
Propane Nitrile (Propionitrile)	PFB	Ave	2152 212958	11056 321007	20615	55177	102557	10.0 1000	50.0 1500	100	250	500
Ethyl acetate	PFB	Ave	3055 305807	16088 444549	30002	78645	144998	2.00 200	10.0 300	20.0	50.0	100
Bromochloromethane	PFB	Ave	645 71750	3723 105392	7312	17453	36340	1.00 100	5.00 150	10.0	25.0	50.0
Methacrylonitrile	PFB	Ave	5728 593021	30244 875951	57422	149967	291887	10.0 1000	50.0 1500	100	250	500
Tetrahydrofuran	PFB	Ave	868 98291	4478 137927	9290	24015	44316	2.00 200	10.0 300	20.0	50.0	100
Chloroform	PFB	Ave	2298 197994	10282 292360	19748	48820	102973	1.00 100	5.00 150	10.0	25.0	50.0
1,1,1-Trichloroethane	PFB	Ave	1648 149314	8111 226675	15233	38291	77893	1.00 100	5.00 150	10.0	25.0	50.0
Cyclohexane	PFB	Lin1	+++++ 89009	7668 140297	12103	25968	51263	+++++ 100	5.00 150	10.0	25.0	50.0
1,1-Dichloropropene	PFB	Ave	1379 124577	6183 187266	12844	30857	64490	1.00 100	5.00 150	10.0	25.0	50.0
Carbon tetrachloride	PFB	Ave	1242 120183	5632 180444	11835	29999	62233	1.00 100	5.00 150	10.0	25.0	50.0
Isobutanol	DFBZ	Ave	1629 183641	8418 275460	17281	46249	84544	25.0 2500	125 3750	250	625	1250
Benzene	DFBZ	Ave	4181 399518	21363 593716	41981	99458	206675	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dichloroethane	DFBZ	Ave	1787 178340	9311 264864	18318	44526	89897	1.00 100	5.00 150	10.0	25.0	50.0
2,2,4-Trimethylpentane	DFBZ	Ave	2297	11132	23652	60809	123994	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 Houston Job No.: 860-35784-1 Analy Batch No.: 73795

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/19/2022 10:02 Calibration End Date: 10/19/2022 12:06 Calibration ID: 3843

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
			250809	357636				100	150			
Tert-amyl methyl ether	DFBZ	Ave	3205 330195	16026 494886	29485	82129	162243	1.00 100	5.00 150	10.0	25.0	50.0
n-Butanol	DCBd 4	Ave	+++++ 99525	4014 153158	8540	24390	44513	+++++ 2480	124 3720	248	620	1240
Trichloroethene	DFBZ	Ave	845 86669	4719 131471	9256	21958	45615	1.00 100	5.00 150	10.0	25.0	50.0
Methylcyclohexane	DFBZ	Ave	1011 126803	5849 186886	12093	30199	63818	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dichloropropane	DFBZ	Ave	1311 131730	6806 198980	13402	33219	68052	1.00 100	5.00 150	10.0	25.0	50.0
Dibromomethane	DFBZ	Ave	777 81285	3952 121832	8412	20805	41361	1.00 100	5.00 150	10.0	25.0	50.0
Methyl methacrylate	DFBZ	Ave	1843 200956	9503 297083	18147	48626	95376	2.00 200	10.0 300	20.0	50.0	100
1,4-Dioxane (P-Dioxane)	DFBZ	Ave	+++++ 29799	1249 43356	2635	6789	13525	+++++ 2000	100 3000	200	500	1000
Bromodichloromethane	DFBZ	Ave	1734 161670	8312 244957	16199	40255	82175	1.00 100	5.00 150	10.0	25.0	50.0
2-Nitropropane	DFBZ	Ave	822 90748	4451 135987	8067	21711	42186	2.00 200	10.0 300	20.0	50.0	100
2-Chloroethyl vinyl ether	DFBZ	Ave	513 69213	3106 105647	6244	16087	33222	1.00 100	5.00 150	10.0	25.0	50.0
Epichlorohydrin	DFBZ	Ave	1229 136553	6437 202756	11896	32965	63972	10.0 1001	50.0 1501	100	250	500
cis-1,3-Dichloropropene	DFBZ	Ave	1828 201108	9561 302138	19247	49107	99250	1.00 100	5.00 150	10.0	25.0	50.0
4-Methyl-2-pentanone	DFBZ	Ave	7260 768215	37704 1127725	72321	193897	363400	5.00 500	25.0 750	50.0	125	250
Toluene	CBNZ d5	Ave	2295 240014	12094 366434	24551	59179	125299	1.00 100	5.00 150	10.0	25.0	50.0
trans-1,3-Dichloropropene	CBNZ d5	Ave	1868 196663	9595 296247	18090	46776	96541	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 Houston Job No.: 860-35784-1 Analy Batch No.: 73795

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/19/2022 10:02 Calibration End Date: 10/19/2022 12:06 Calibration ID: 3843

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
Ethyl methacrylate	CBNZ d5	Ave	1443 183071	8157 277370	16149	43163	85055	1.00 100	5.00 150	10.0	25.0	50.0
1,1,2-Trichloroethane	CBNZ d5	Ave	1098 102358	5252 153357	10093	25445	51009	1.00 100	5.00 150	10.0	25.0	50.0
Tetrachloroethene	CBNZ d5	Ave	504 68829	3480 103514	6870	16269	35462	1.00 100	5.00 150	10.0	25.0	50.0
1,3-Dichloropropane	CBNZ d5	Ave	1900 196427	9741 291874	18590	48358	96500	1.00 100	5.00 150	10.0	25.0	50.0
2-Hexanone	CBNZ d5	Ave	4515 548117	25742 811453	50557	140233	261761	5.00 500	25.0 750	50.0	125	250
Dibromochloromethane	CBNZ d5	Ave	1051 124332	6308 191369	11590	30147	61699	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dibromoethane	CBNZ d5	Ave	1159 120132	5944 179085	11237	28832	57093	1.00 100	5.00 150	10.0	25.0	50.0
1-Chlorohexane	CBNZ d5	Lin1	2756 105354	6672 153467	11716	26123	52203	1.00 100	5.00 150	10.0	25.0	50.0
Chlorobenzene	CBNZ d5	Ave	2900 284333	14290 429988	27476	68813	145553	1.00 100	5.00 150	10.0	25.0	50.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	973 113342	5289 170079	10980	26791	56009	1.00 100	5.00 150	10.0	25.0	50.0
Ethylbenzene	CBNZ d5	Ave	4985 492654	22883 751556	45848	117537	250846	1.00 100	5.00 150	10.0	25.0	50.0
m,p-Xylenes	CBNZ d5	Ave	3269 383556	18266 584598	34906	88948	193840	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 Houston Job No.: 860-35784-1 Analy Batch No.: 73795

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/19/2022 10:02 Calibration End Date: 10/19/2022 12:06 Calibration ID: 3843

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
o-Xylene	CBNZ d5	Ave	3749 414427	18499 632900	36910	95721	202942	1.00 100	5.00 150	10.0	25.0	50.0
Styrene	CBNZ d5	Ave	2615 317142	14060 485466	28284	74702	156846	1.00 100	5.00 150	10.0	25.0	50.0
Bromoform	CBNZ d5	Ave	802 86502	4156 130884	8311	20184	40774	1.00 100	5.00 150	10.0	25.0	50.0
Isopropylbenzene	CBNZ d5	Ave	3371 457241	20178 697129	39963	102938	224391	1.00 100	5.00 150	10.0	25.0	50.0
cis-1,4-Dichloro-2-butene	CBNZ d5	Ave	426 50665	2142 76238	4338	11751	23620	1.00 100	5.00 150	10.0	25.0	50.0
Cyclohexanone	CBNZ d5	Ave	2821 314394	15695 461283	28250	79508	149788	50.0 5000	250 7500	500	1250	2500
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	1563 164955	7739 250722	14919	39006	77491	1.00 100	5.00 150	10.0	25.0	50.0
Bromobenzene	DCBd 4	Ave	1038 124403	6019 190843	11790	28775	61479	1.00 100	5.00 150	10.0	25.0	50.0
1,2,3-Trichloropropane	DCBd 4	Ave	1914 205574	10349 329401	19372	51604	100391	1.00 100	5.00 150	10.0	25.0	50.0
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	382 49015	2297 75103	4281	11932	22475	1.00 100	5.00 150	10.0	25.0	50.0
N-Propylbenzene	DCBd 4	Ave	4905 578631	26112 879360	51935	133788	285056	1.00 100	5.00 150	10.0	25.0	50.0
2-Chlorotoluene	DCBd 4	Ave	3577 415781	19330 624952	36526	95590	205469	1.00 100	5.00 150	10.0	25.0	50.0

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Received by OCD: 3/30/2023 11:30:39 AM

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Houston Job No.: 860-35784-1 Analy Batch No.: 73795

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/19/2022 10:02 Calibration End Date: 10/19/2022 12:06 Calibration ID: 3843

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
4-Ethyltoluene	DCBd 4	Ave	3451 440522	19052 663564	38300	101368	215583	1.00 100	5.00 150	10.0	25.0	50.0
1,3,5-Trimethylbenzene	DCBd 4	Ave	3195 410708	18186 619693	35772	93990	200064	1.00 100	5.00 150	10.0	25.0	50.0
4-Chlorotoluene	DCBd 4	Ave	3742 428051	19921 646598	37786	100268	213010	1.00 100	5.00 150	10.0	25.0	50.0
tert-Butylbenzene	DCBd 4	Ave	2638 326896	13778 492295	27573	72969	156754	1.00 100	5.00 150	10.0	25.0	50.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	3479 428957	17200 646186	36646	96085	204812	1.00 100	5.00 150	10.0	25.0	50.0
sec-Butylbenzene	DCBd 4	Ave	3817 491886	20652 735375	42437	112143	236546	1.00 100	5.00 150	10.0	25.0	50.0
1,3-Dichlorobenzene	DCBd 4	Ave	1877 224647	10080 341924	20548	51298	110408	1.00 100	5.00 150	10.0	25.0	50.0
p-Cymene (p-Isopropyltoluene)	DCBd 4	Ave	2982 412185	16546 616357	34503	92196	195062	1.00 100	5.00 150	10.0	25.0	50.0
1,4-Dichlorobenzene	DCBd 4	Ave	2399 232647	10972 348349	21646	53037	110178	1.00 100	5.00 150	10.0	25.0	50.0
Dicyclopentadiene	DCBd 4	Ave	4767 555524	26133 829256	49944	128674	269887	1.00 100	5.00 150	10.0	25.0	50.0
Benzyl chloride	DCBd 4	Ave	266 47154	1730 69807	3768	10554	20756	1.00 100	5.00 150	10.0	25.0	50.0
n-Butylbenzene	DCBd 4	Ave	3517 424809	17296 636930	35676	95615	202264	1.00 100	5.00 150	10.0	25.0	50.0

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Received by OCD: 3/30/2023 11:30:39 AM

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Houston Job No.: 860-35784-1 Analy Batch No.: 73795

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/19/2022 10:02 Calibration End Date: 10/19/2022 12:06 Calibration ID: 3843

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-Dichlorobenzene	DCBd 4	Ave	2029 225889	10619 345842	20058	51458	109312	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	131 26704	1000 41562	2146	5984	12146	1.00 100	5.00 150	10.0	25.0	50.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	987 136122	5118 210111	10531	28187	60411	1.00 100	5.00 150	10.0	25.0	50.0
Hexachlorobutadiene	DCBd 4	Ave	368 61212	2654 93362	5466	13982	28981	1.00 100	5.00 150	10.0	25.0	50.0
Naphthalene	DCBd 4	Ave	2121 297635	9950 458982	20928	60592	128137	1.00 100	5.00 150	10.0	25.0	50.0
1,2,3-Trichlorobenzene	DCBd 4	Ave	985 109944	4149 164693	7883	23709	47026	1.00 100	5.00 150	10.0	25.0	50.0
2-Methylnaphthalene	DCBd 4	Qua	+++++ 68455	1804 108232	3425	12062	24338	+++++ 100	5.00 150	10.0	25.0	50.0
1-Methylnaphthalene	DCBd 4	Qua	+++++ 53372	1427 85160	2731	9714	20998	+++++ 100	5.00 150	10.0	25.0	50.0
Dibromofluoromethane (Surr)	PFB	Ave	60747 60776	59545 61792	60159	59155	59614	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	DFBZ	Ave	79431 77544	78971 80932	81557	78603	80880	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	218050 226801	221019 237839	225428	221295	225853	50.0 50.0	50.0 50.0	50.0	50.0	50.0
4-Bromofluorobenzene (Surr)	DCBd 4	Ave	74727 86062	75869 90307	78853	78961	83599	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 Houston Job No.: 860-35784-1 Analy Batch No.: 73795

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/19/2022 10:02 Calibration End Date: 10/19/2022 12:06 Calibration ID: 3843

Curve Type Legend

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Qua = Quadratic ISTD

Calibration / Propene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

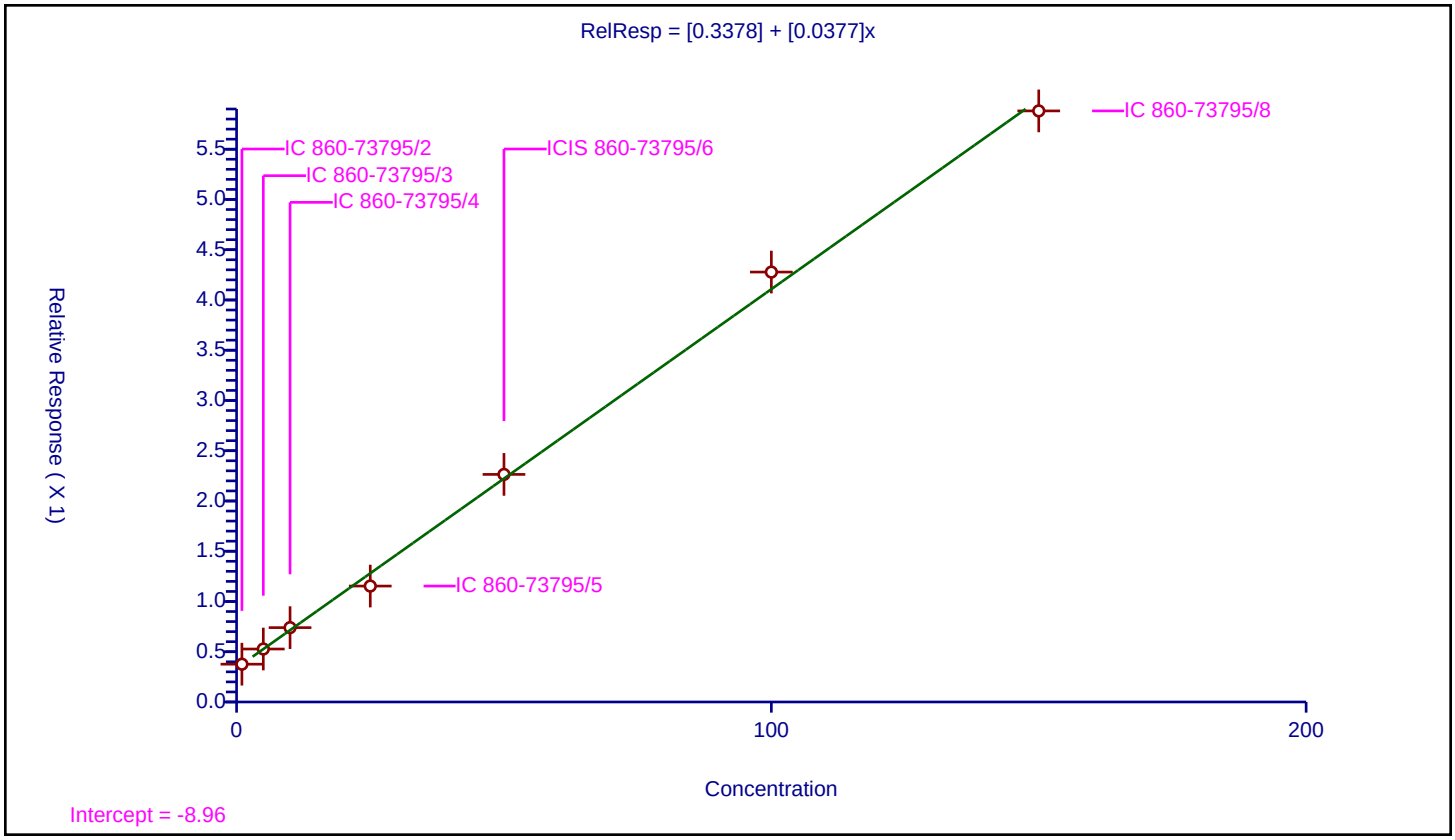
Curve Coefficients

Intercept:	0.3378
Slope:	0.0377

Error Coefficients

Standard Error:	7710
Relative Standard Error:	7.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73795/2	1.0	0.376109	50.0	104757.0	0.376109	Y
2	IC 860-73795/3	5.0	0.527166	50.0	107082.0	0.105433	Y
3	IC 860-73795/4	10.0	0.739993	50.0	106555.0	0.073999	Y
4	IC 860-73795/5	25.0	1.153446	50.0	106767.0	0.046138	Y
5	ICIS 860-73795/6	50.0	2.264415	50.0	108814.0	0.045288	Y
6	IC 860-73795/7	100.0	4.27764	50.0	108810.0	0.042776	Y
7	IC 860-73795/8	150.0	5.881049	50.0	112803.0	0.039207	Y



Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

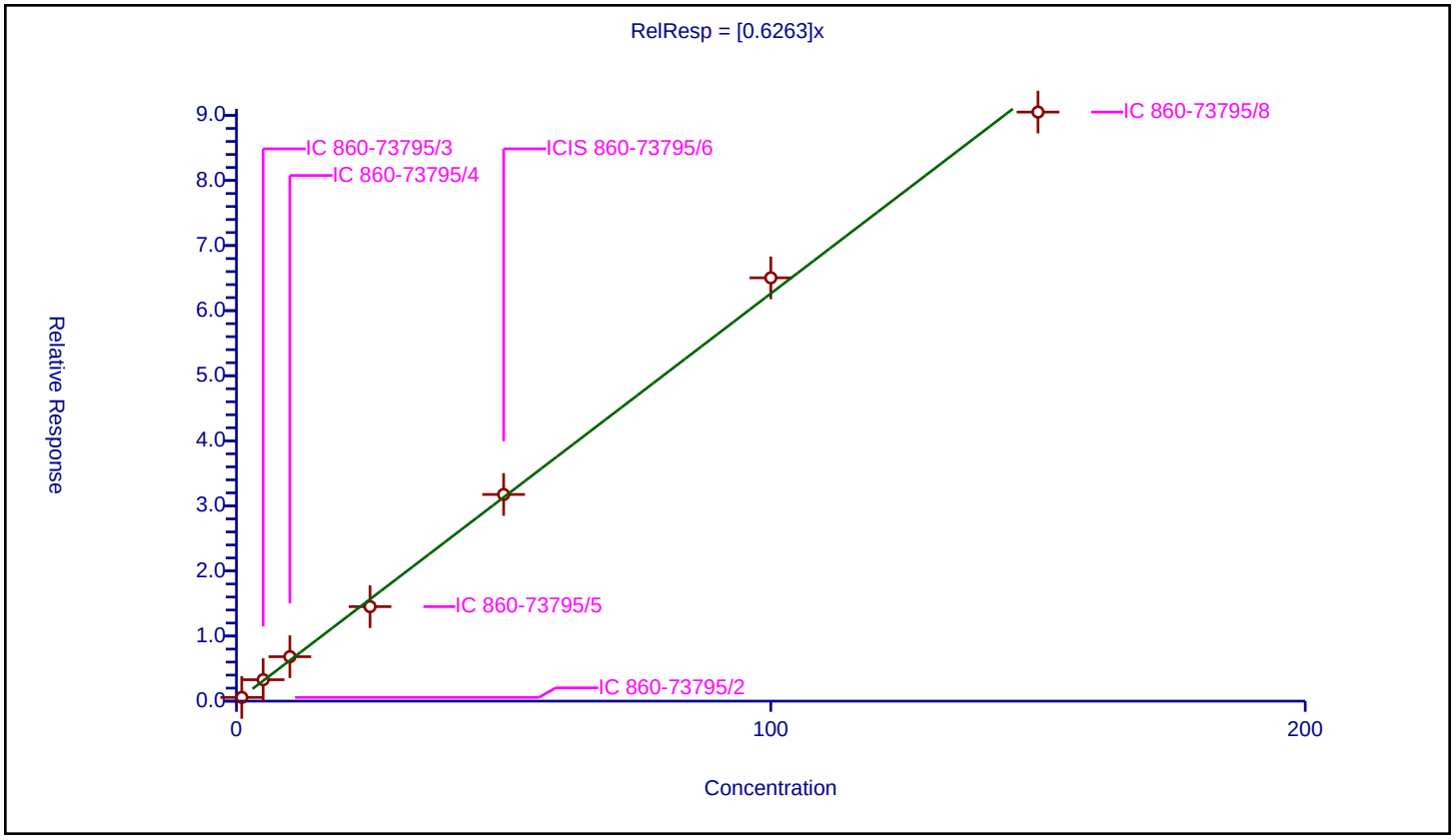
Curve Coefficients

Intercept:	0
Slope:	0.6263

Error Coefficients

Standard Error:	106000
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 860-73795/2	1.0	0.572754	50.0	104757.0	0.572754	Y
2	IC 860-73795/3	5.0	3.294204	50.0	107082.0	0.658841	Y
3	IC 860-73795/4	10.0	6.829806	50.0	106555.0	0.682981	Y
4	IC 860-73795/5	25.0	14.523214	50.0	106767.0	0.580929	Y
5	ICIS 860-73795/6	50.0	31.752808	50.0	108814.0	0.635056	Y
6	IC 860-73795/7	100.0	65.046871	50.0	108810.0	0.650469	Y
7	IC 860-73795/8	150.0	90.513107	50.0	112803.0	0.603421	Y



Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

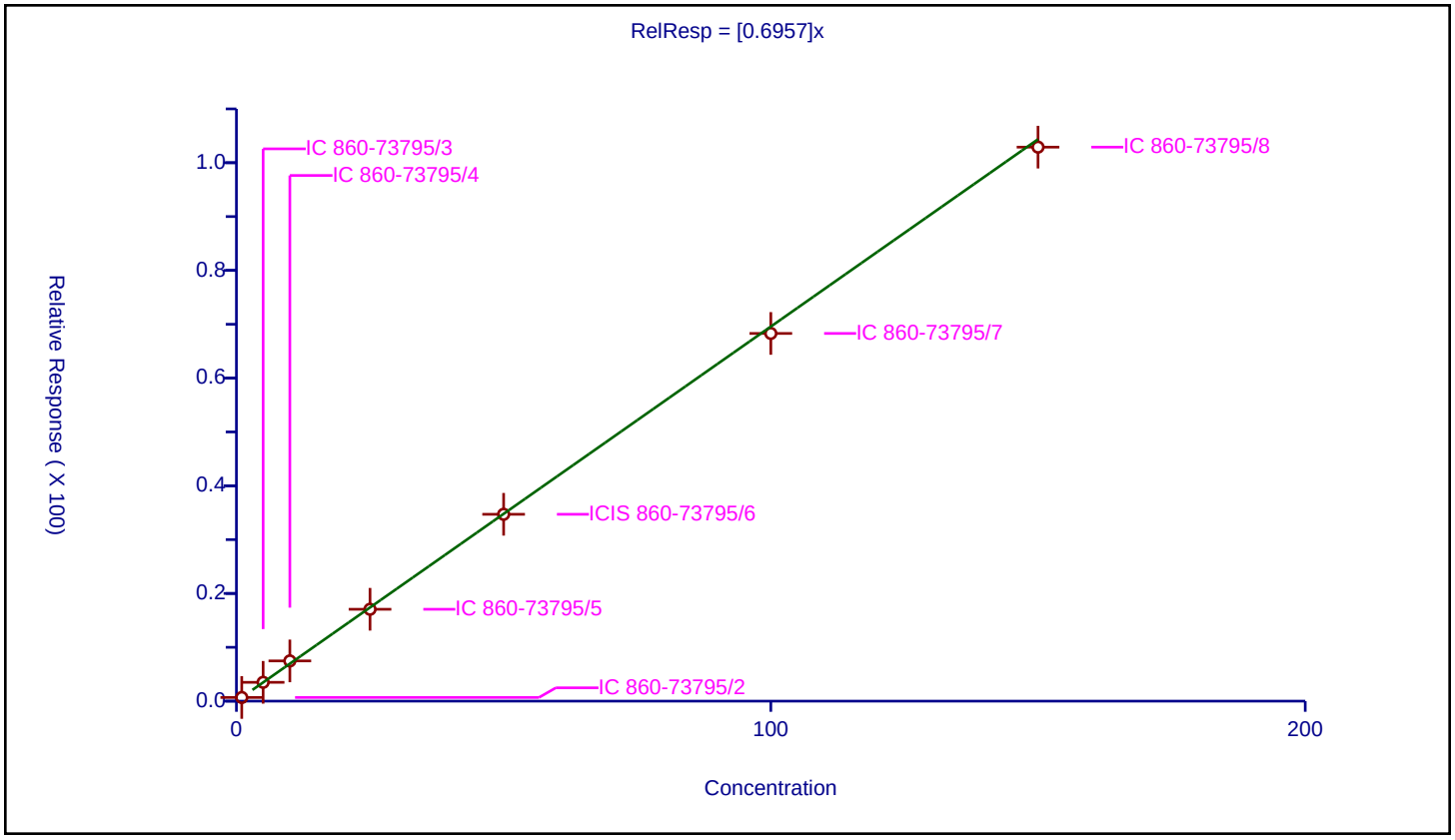
Curve Coefficients

Intercept:	0
Slope:	0.6957

Error Coefficients

Standard Error:	118000
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 860-73795/2	1.0	0.678236	50.0	104757.0	0.678236	Y
2	IC 860-73795/3	5.0	3.495452	50.0	107082.0	0.69909	Y
3	IC 860-73795/4	10.0	7.47079	50.0	106555.0	0.747079	Y
4	IC 860-73795/5	25.0	17.06192	50.0	106767.0	0.682477	Y
5	ICIS 860-73795/6	50.0	34.703255	50.0	108814.0	0.694065	Y
6	IC 860-73795/7	100.0	68.293815	50.0	108810.0	0.682938	Y
7	IC 860-73795/8	150.0	102.895756	50.0	112803.0	0.685972	Y



Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

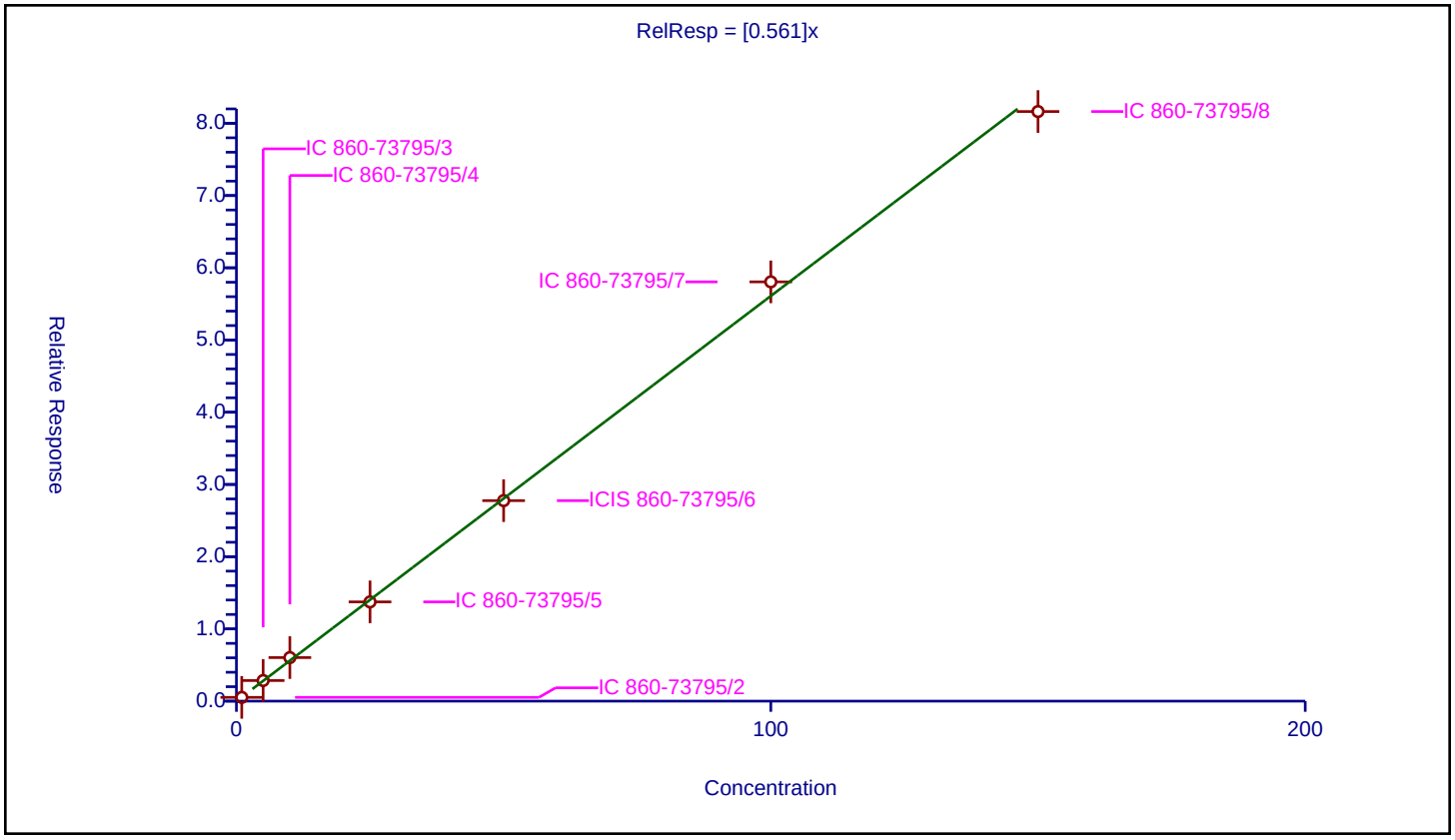
Curve Coefficients

Intercept:	0
Slope:	0.561

Error Coefficients

Standard Error:	95300
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 860-73795/2	1.0	0.523593	50.0	104757.0	0.523593	Y
2	IC 860-73795/3	5.0	2.852487	50.0	107082.0	0.570497	Y
3	IC 860-73795/4	10.0	6.031158	50.0	106555.0	0.603116	Y
4	IC 860-73795/5	25.0	13.741137	50.0	106767.0	0.549645	Y
5	ICIS 860-73795/6	50.0	27.762053	50.0	108814.0	0.555241	Y
6	IC 860-73795/7	100.0	58.05119	50.0	108810.0	0.580512	Y
7	IC 860-73795/8	150.0	81.635683	50.0	112803.0	0.544238	Y



Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

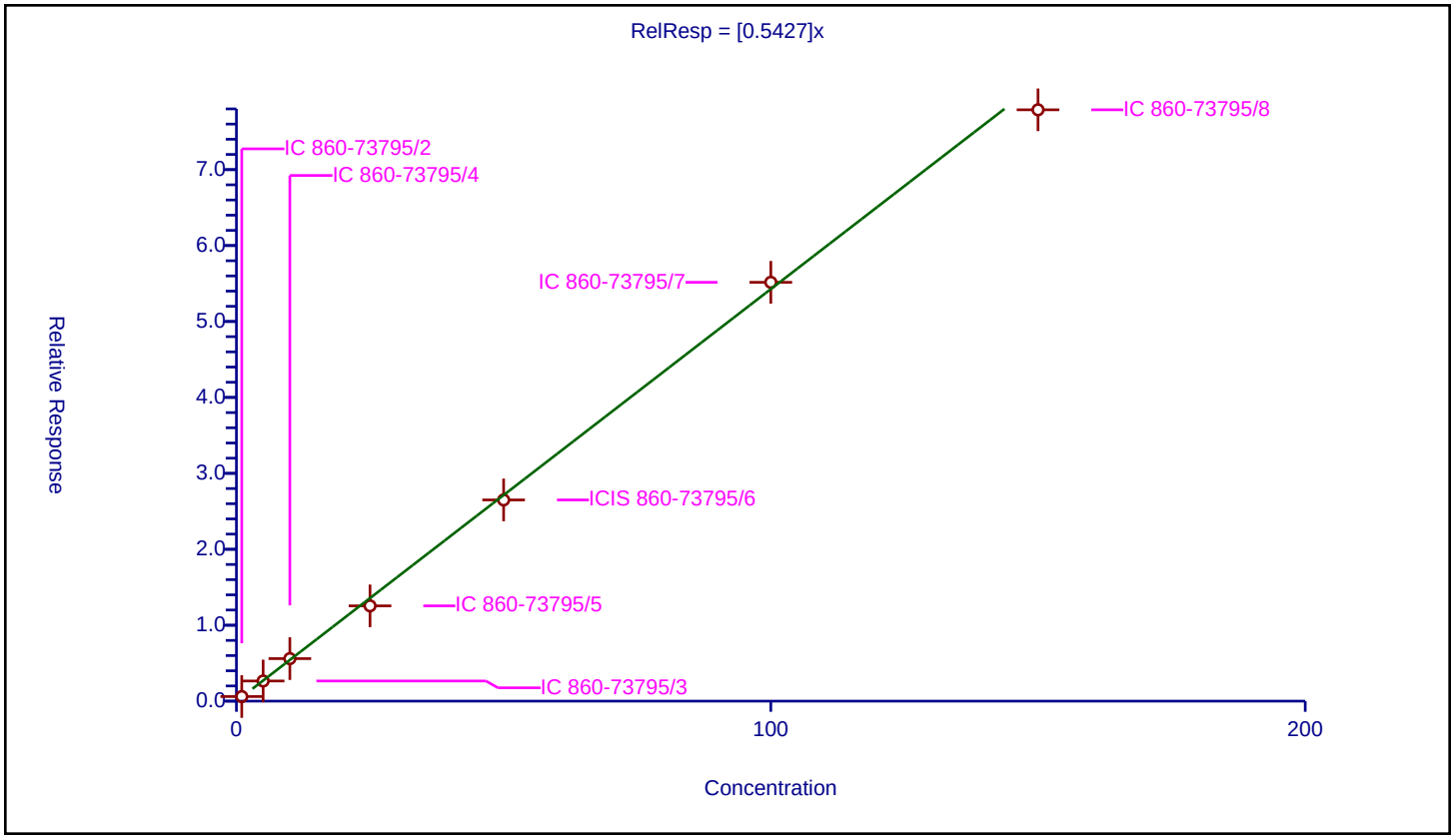
Curve Coefficients

Intercept:	0
Slope:	0.5427

Error Coefficients

Standard Error:	90800
Relative Standard Error:	6.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73795/2	1.0	0.605687	50.0	104757.0	0.605687	Y
2	IC 860-73795/3	5.0	2.65264	50.0	107082.0	0.530528	Y
3	IC 860-73795/4	10.0	5.598517	50.0	106555.0	0.559852	Y
4	IC 860-73795/5	25.0	12.549758	50.0	106767.0	0.50199	Y
5	ICIS 860-73795/6	50.0	26.500726	50.0	108814.0	0.530015	Y
6	IC 860-73795/7	100.0	55.162669	50.0	108810.0	0.551627	Y
7	IC 860-73795/8	150.0	77.881794	50.0	112803.0	0.519212	Y



Calibration / Ethylene oxide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

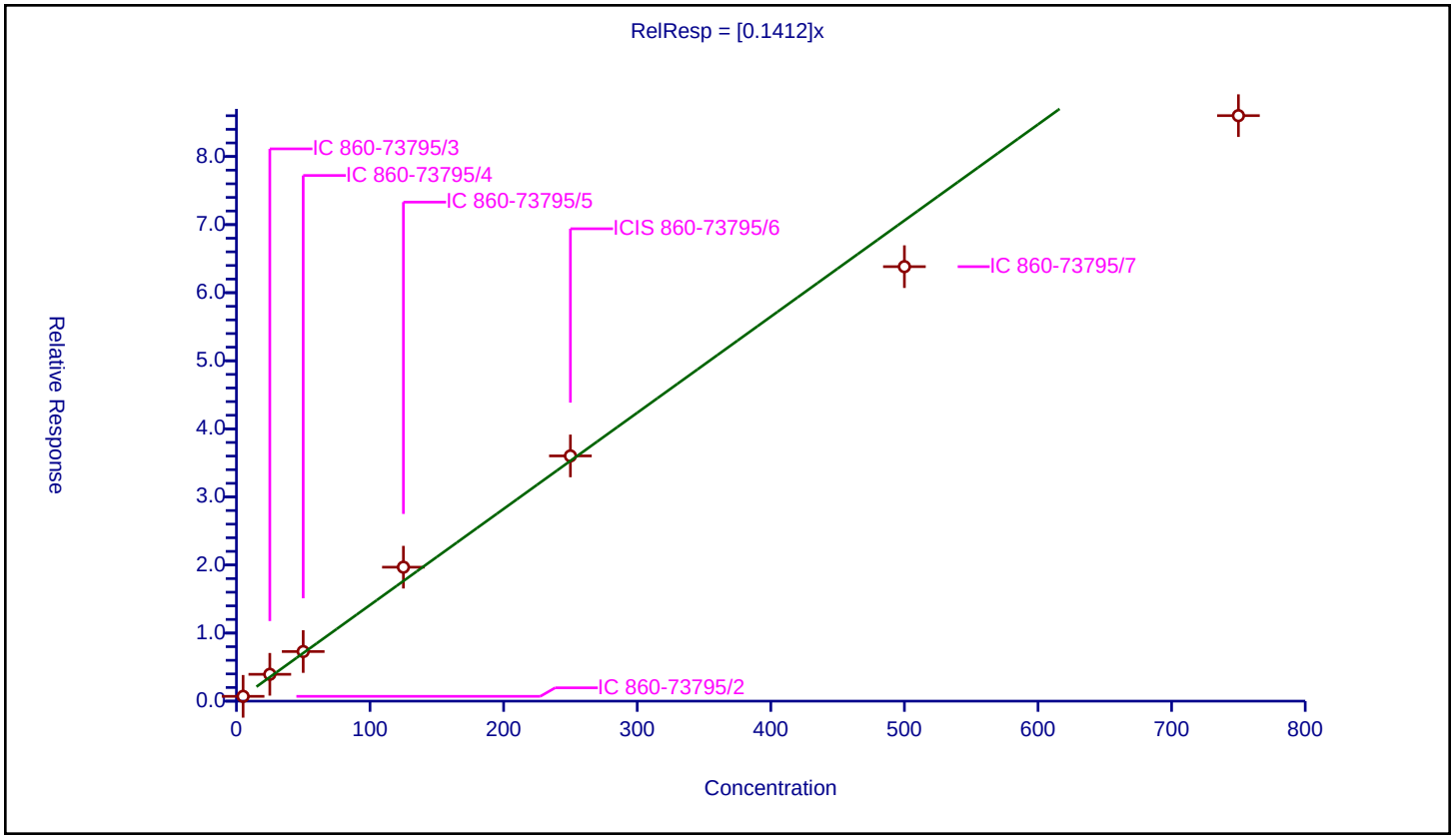
Curve Coefficients

Intercept:	0
Slope:	0.1412

Error Coefficients

Standard Error:	104000
Relative Standard Error:	11.0
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73795/2	5.0	0.705442	50.0	104757.0	0.141088	Y
2	IC 860-73795/3	25.0	3.942773	50.0	107082.0	0.157711	Y
3	IC 860-73795/4	50.0	7.287786	50.0	106555.0	0.145756	Y
4	IC 860-73795/5	125.0	19.677897	50.0	106767.0	0.157423	Y
5	ICIS 860-73795/6	250.0	36.022938	50.0	108814.0	0.144092	Y
6	IC 860-73795/7	500.0	63.824557	50.0	108810.0	0.127649	Y
7	IC 860-73795/8	750.0	86.009681	50.0	112803.0	0.11468	Y



Calibration / Bromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

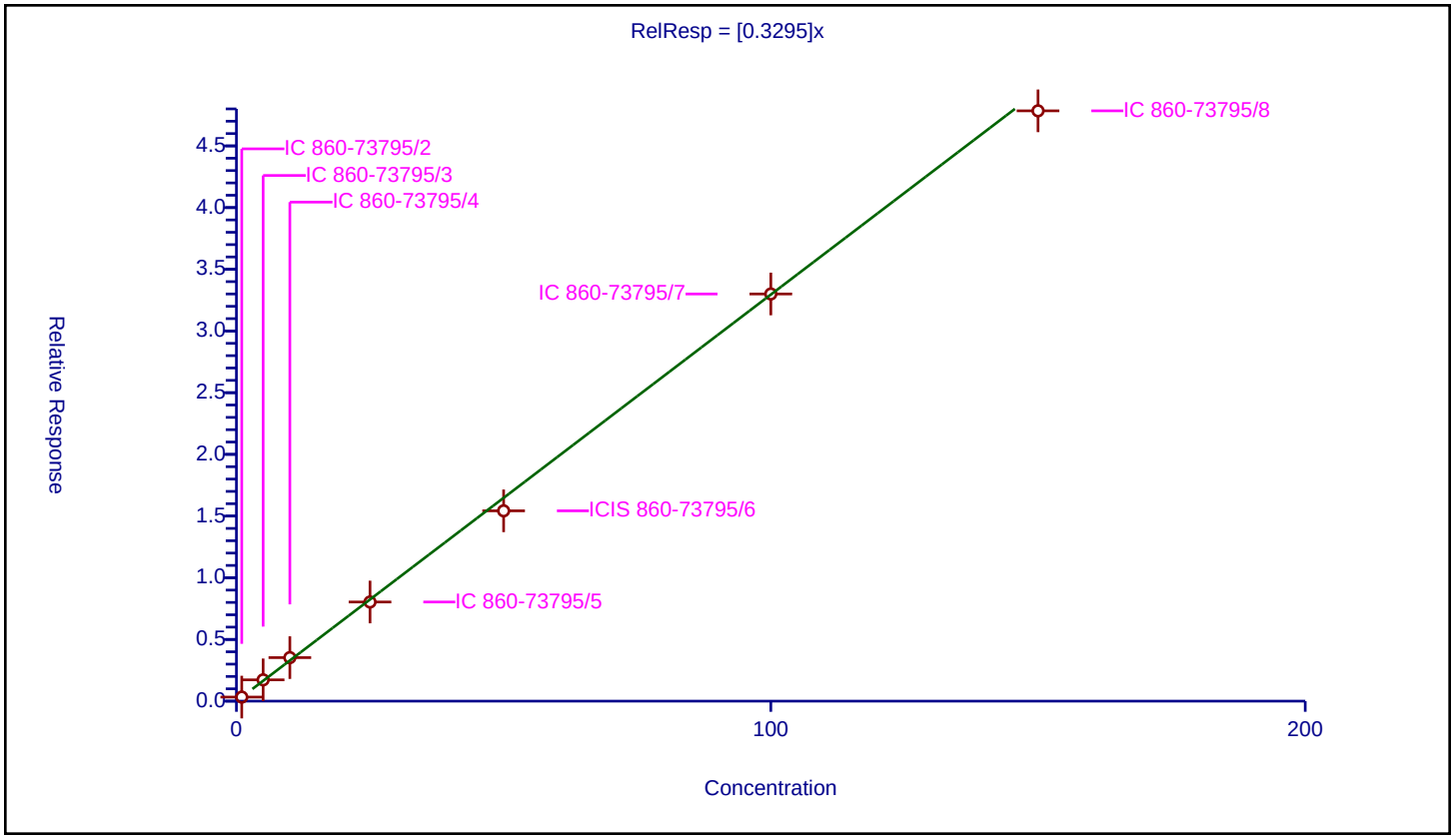
Curve Coefficients

Intercept:	0
Slope:	0.3295

Error Coefficients

Standard Error:	55200
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 860-73795/2	1.0	0.329811	50.0	104757.0	0.329811	Y
2	IC 860-73795/3	5.0	1.725313	50.0	107082.0	0.345063	Y
3	IC 860-73795/4	10.0	3.527286	50.0	106555.0	0.352729	Y
4	IC 860-73795/5	25.0	8.034786	50.0	106767.0	0.321391	Y
5	ICIS 860-73795/6	50.0	15.424026	50.0	108814.0	0.308481	Y
6	IC 860-73795/7	100.0	33.000643	50.0	108810.0	0.330006	Y
7	IC 860-73795/8	150.0	47.843142	50.0	112803.0	0.318954	Y



Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

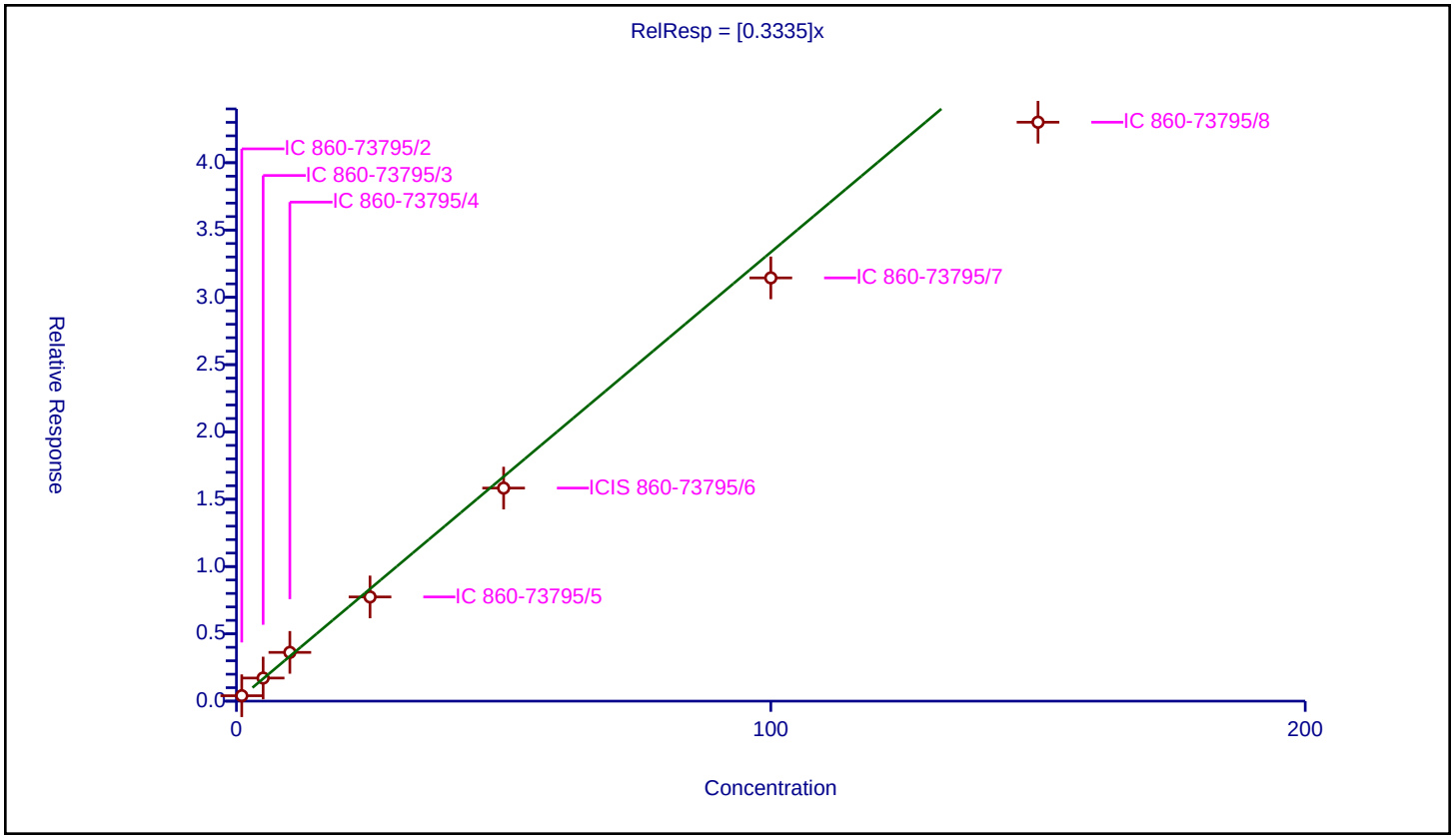
Curve Coefficients

Intercept:	0
Slope:	0.3335

Error Coefficients

Standard Error:	51000
Relative Standard Error:	11.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73795/2	1.0	0.401882	50.0	104757.0	0.401882	Y
2	IC 860-73795/3	5.0	1.716442	50.0	107082.0	0.343288	Y
3	IC 860-73795/4	10.0	3.622073	50.0	106555.0	0.362207	Y
4	IC 860-73795/5	25.0	7.741156	50.0	106767.0	0.309646	Y
5	ICIS 860-73795/6	50.0	15.828846	50.0	108814.0	0.316577	Y
6	IC 860-73795/7	100.0	31.444261	50.0	108810.0	0.314443	Y
7	IC 860-73795/8	150.0	43.011267	50.0	112803.0	0.286742	Y



Calibration / Dichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

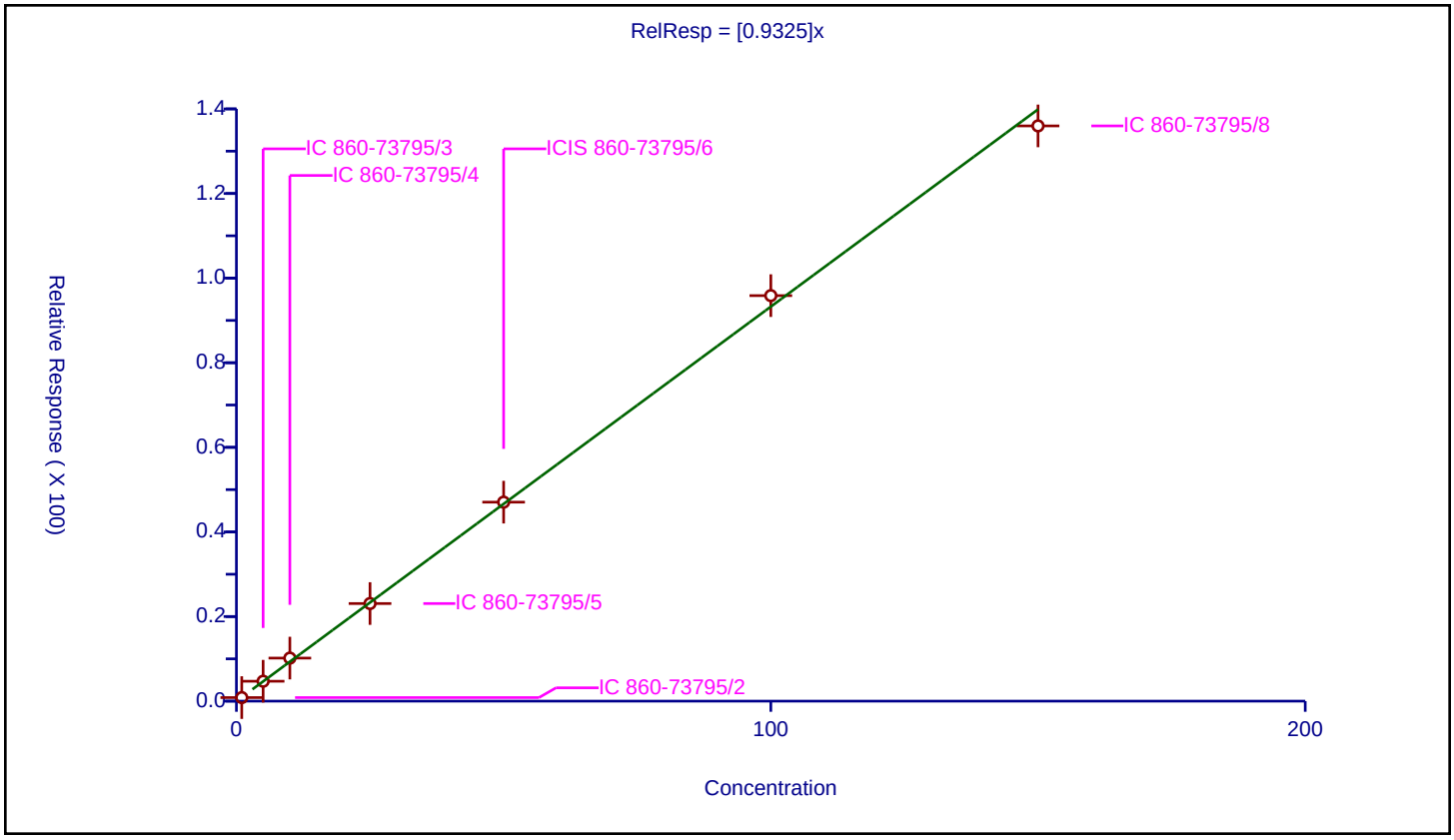
Curve Coefficients

Intercept:	0
Slope:	0.9325

Error Coefficients

Standard Error:	159000
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 860-73795/2	1.0	0.840039	50.0	104757.0	0.840039	Y
2	IC 860-73795/3	5.0	4.706206	50.0	107082.0	0.941241	Y
3	IC 860-73795/4	10.0	10.175965	50.0	106555.0	1.017597	Y
4	IC 860-73795/5	25.0	23.072204	50.0	106767.0	0.922888	Y
5	ICIS 860-73795/6	50.0	47.043119	50.0	108814.0	0.940862	Y
6	IC 860-73795/7	100.0	95.856539	50.0	108810.0	0.958565	Y
7	IC 860-73795/8	150.0	135.97954	50.0	112803.0	0.90653	Y



Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

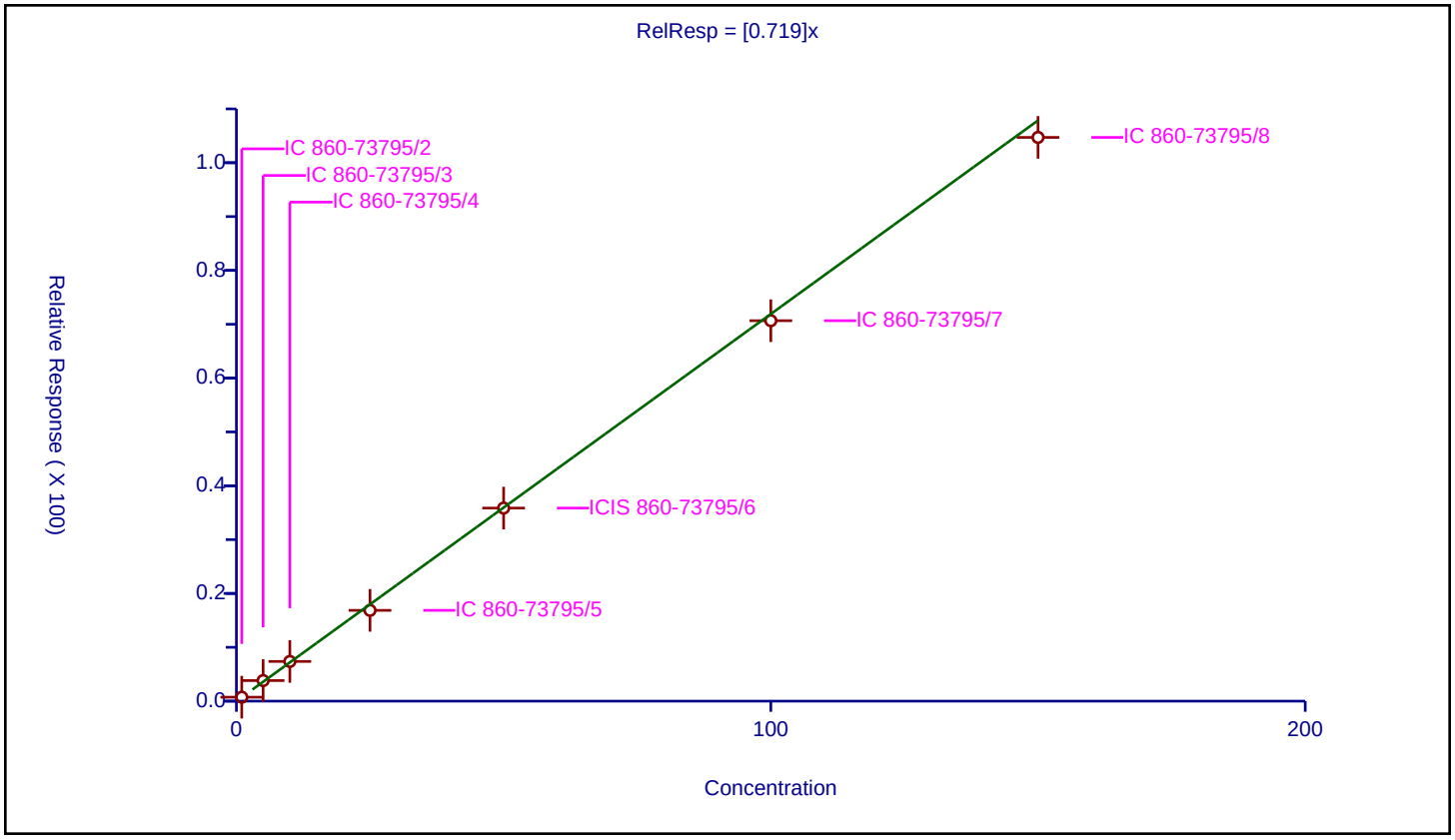
Curve Coefficients

Intercept:	0
Slope:	0.719

Error Coefficients

Standard Error:	120000
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 860-73795/2	1.0	0.735034	50.0	104757.0	0.735034	Y
2	IC 860-73795/3	5.0	3.823705	50.0	107082.0	0.764741	Y
3	IC 860-73795/4	10.0	7.37178	50.0	106555.0	0.737178	Y
4	IC 860-73795/5	25.0	16.861015	50.0	106767.0	0.674441	Y
5	ICIS 860-73795/6	50.0	35.85568	50.0	108814.0	0.717114	Y
6	IC 860-73795/7	100.0	70.662163	50.0	108810.0	0.706622	Y
7	IC 860-73795/8	150.0	104.702446	50.0	112803.0	0.698016	Y



Calibration / Ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

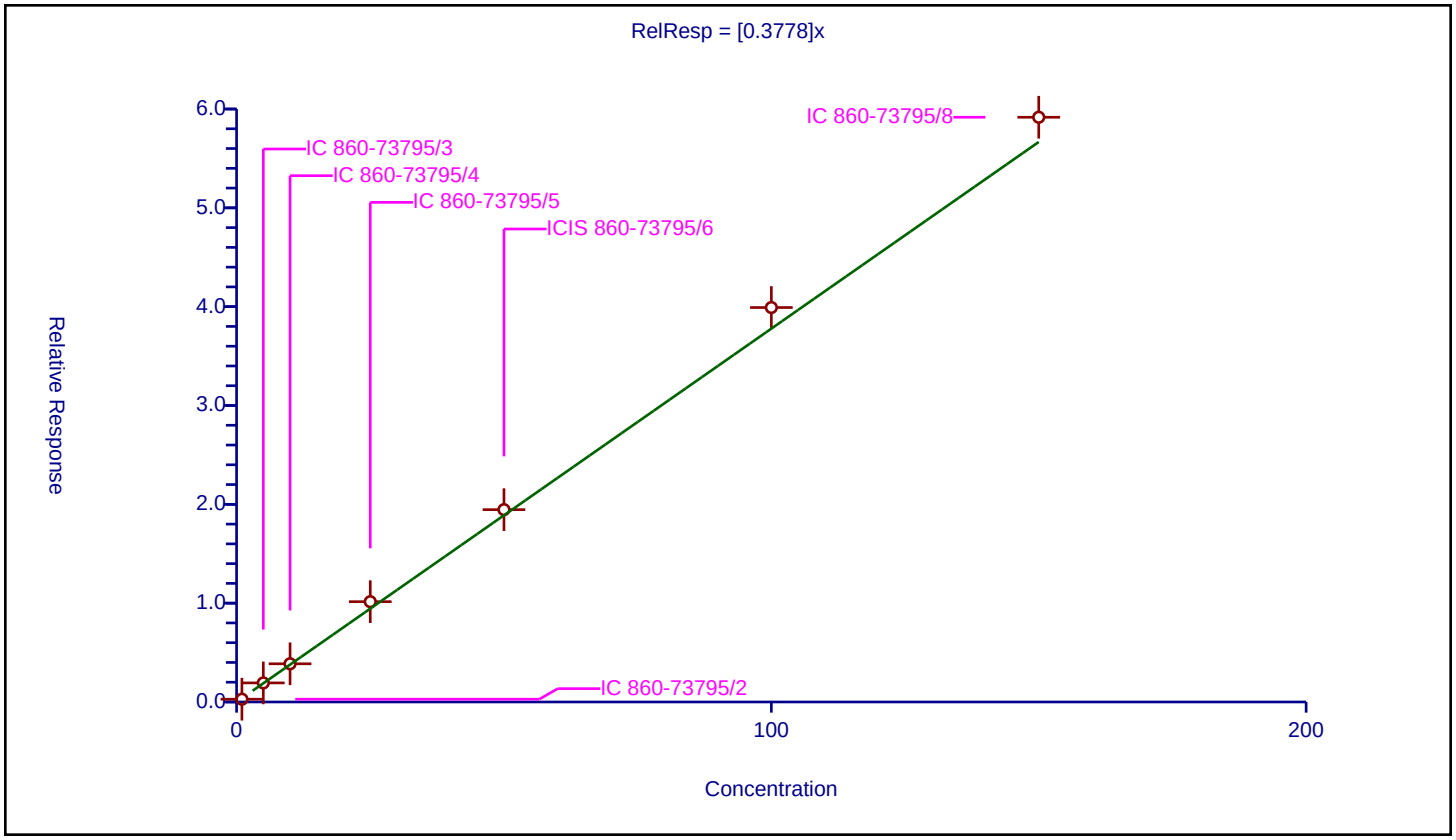
Curve Coefficients

Intercept:	0
Slope:	0.3778

Error Coefficients

Standard Error:	67900
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 860-73795/2	1.0	0.283036	50.0	104757.0	0.283036	Y
2	IC 860-73795/3	5.0	1.930296	50.0	107082.0	0.386059	Y
3	IC 860-73795/4	10.0	3.865609	50.0	106555.0	0.386561	Y
4	IC 860-73795/5	25.0	10.148267	50.0	106767.0	0.405931	Y
5	ICIS 860-73795/6	50.0	19.461191	50.0	108814.0	0.389224	Y
6	IC 860-73795/7	100.0	39.913611	50.0	108810.0	0.399136	Y
7	IC 860-73795/8	150.0	59.165536	50.0	112803.0	0.394437	Y



Calibration / Acrolein

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

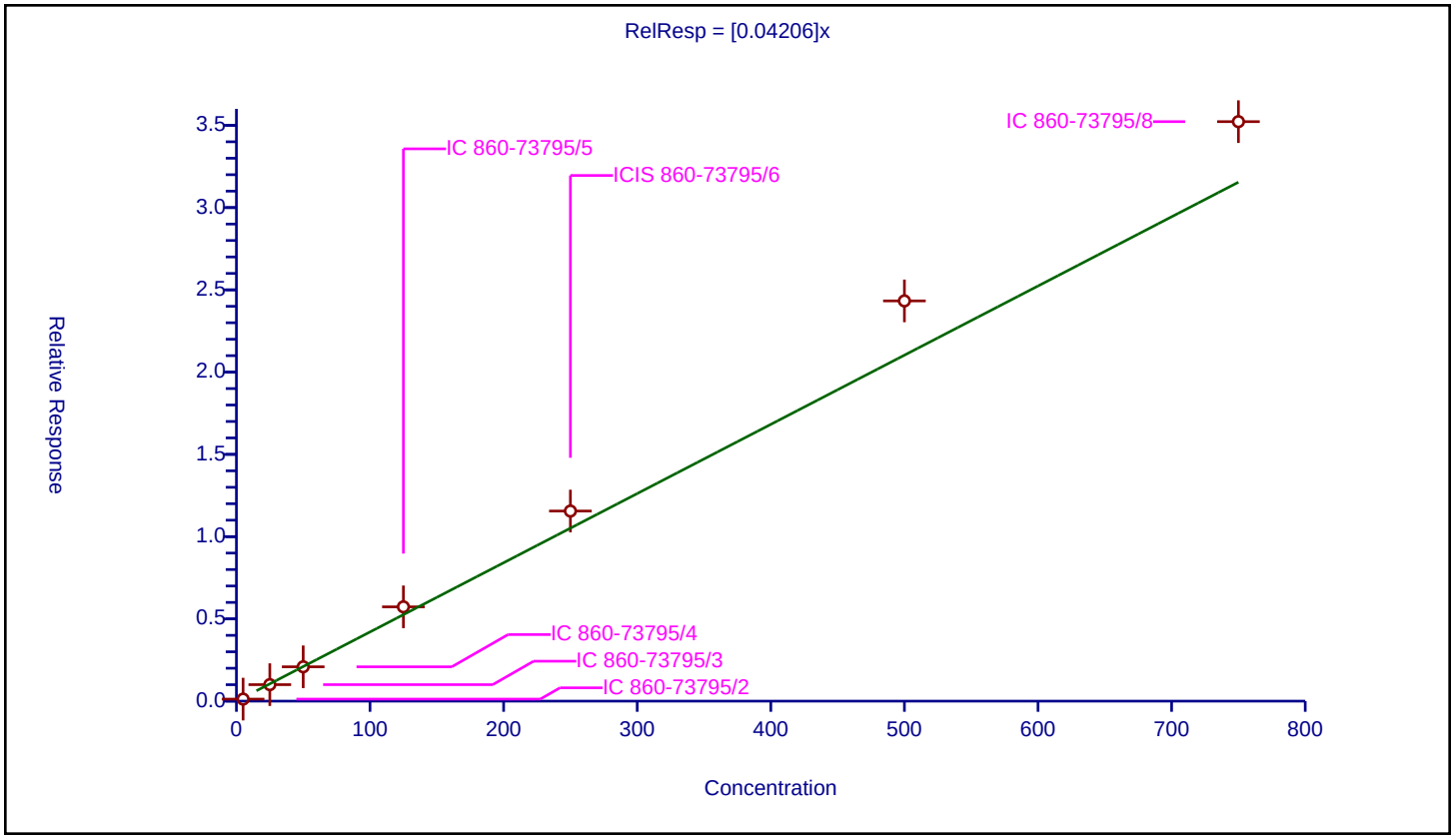
Curve Coefficients

Intercept:	0
Slope:	0.04206

Error Coefficients

Standard Error:	40700
Relative Standard Error:	19.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.964

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73795/2	5.0	0.124097	50.0	104757.0	0.024819	Y
2	IC 860-73795/3	25.0	1.003437	50.0	107082.0	0.040137	Y
3	IC 860-73795/4	50.0	2.087654	50.0	106555.0	0.041753	Y
4	IC 860-73795/5	125.0	5.732108	50.0	106767.0	0.045857	Y
5	ICIS 860-73795/6	250.0	11.555039	50.0	108814.0	0.04622	Y
6	IC 860-73795/7	500.0	24.328187	50.0	108810.0	0.048656	Y
7	IC 860-73795/8	750.0	35.225127	50.0	112803.0	0.046967	Y



Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

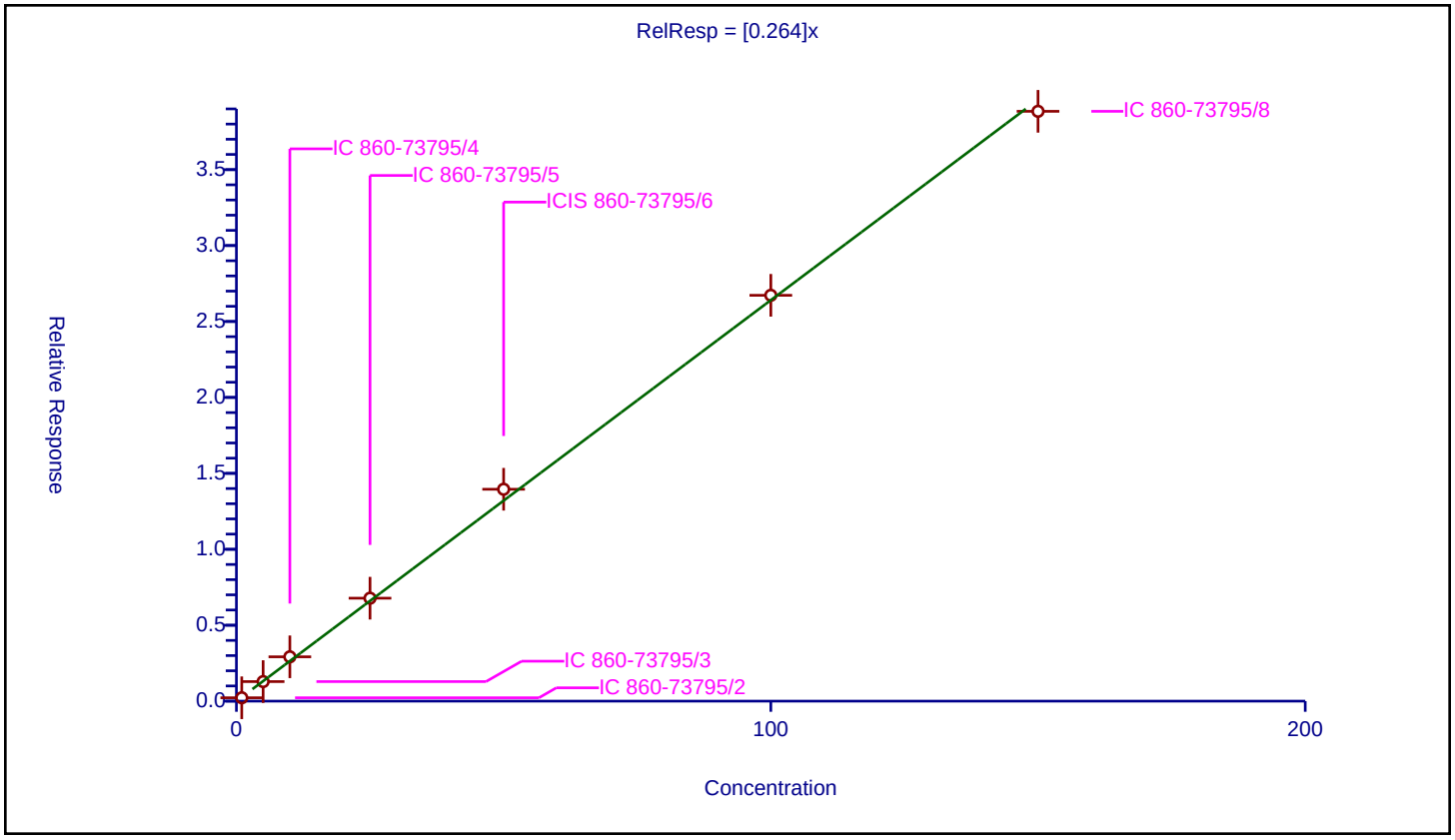
Curve Coefficients

Intercept:	0
Slope:	0.264

Error Coefficients

Standard Error:	45100
Relative Standard Error:	8.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73795/2	1.0	0.22242	50.0	104757.0	0.22242	Y
2	IC 860-73795/3	5.0	1.287798	50.0	107082.0	0.25756	Y
3	IC 860-73795/4	10.0	2.91915	50.0	106555.0	0.291915	Y
4	IC 860-73795/5	25.0	6.779248	50.0	106767.0	0.27117	Y
5	ICIS 860-73795/6	50.0	13.953627	50.0	108814.0	0.279073	Y
6	IC 860-73795/7	100.0	26.724566	50.0	108810.0	0.267246	Y
7	IC 860-73795/8	150.0	38.840279	50.0	112803.0	0.258935	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

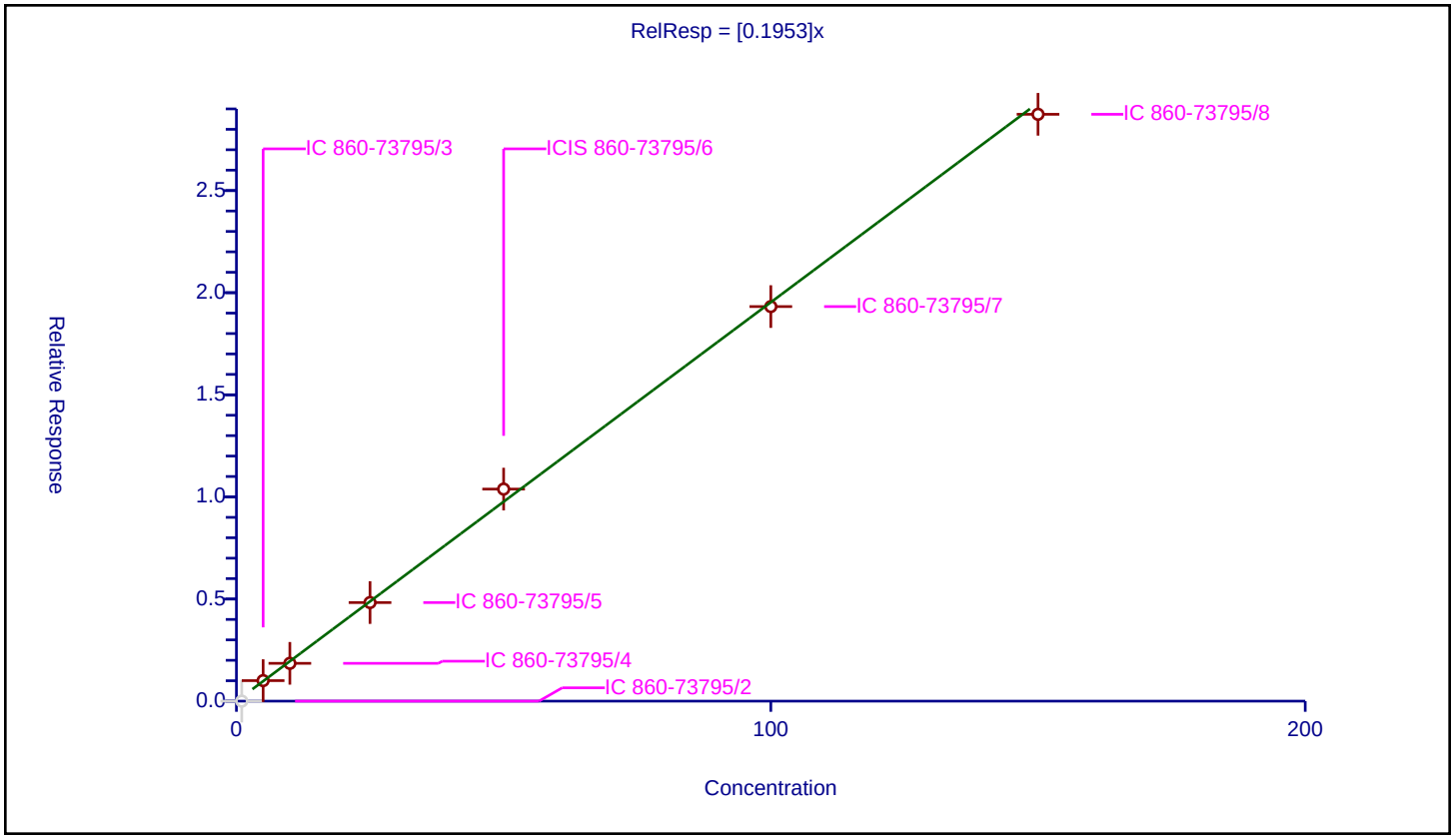
Curve Coefficients

Intercept:	0
Slope:	0.1953

Error Coefficients

Standard Error:	36300
Relative Standard Error:	4.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73795/2	1.0	0.0	50.0	104757.0	0.0	N
2	IC 860-73795/3	5.0	1.005304	50.0	107082.0	0.201061	Y
3	IC 860-73795/4	10.0	1.851626	50.0	106555.0	0.185163	Y
4	IC 860-73795/5	25.0	4.827803	50.0	106767.0	0.193112	Y
5	ICIS 860-73795/6	50.0	10.383315	50.0	108814.0	0.207666	Y
6	IC 860-73795/7	100.0	19.320375	50.0	108810.0	0.193204	Y
7	IC 860-73795/8	150.0	28.735051	50.0	112803.0	0.191567	Y



Calibration / Acetone

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

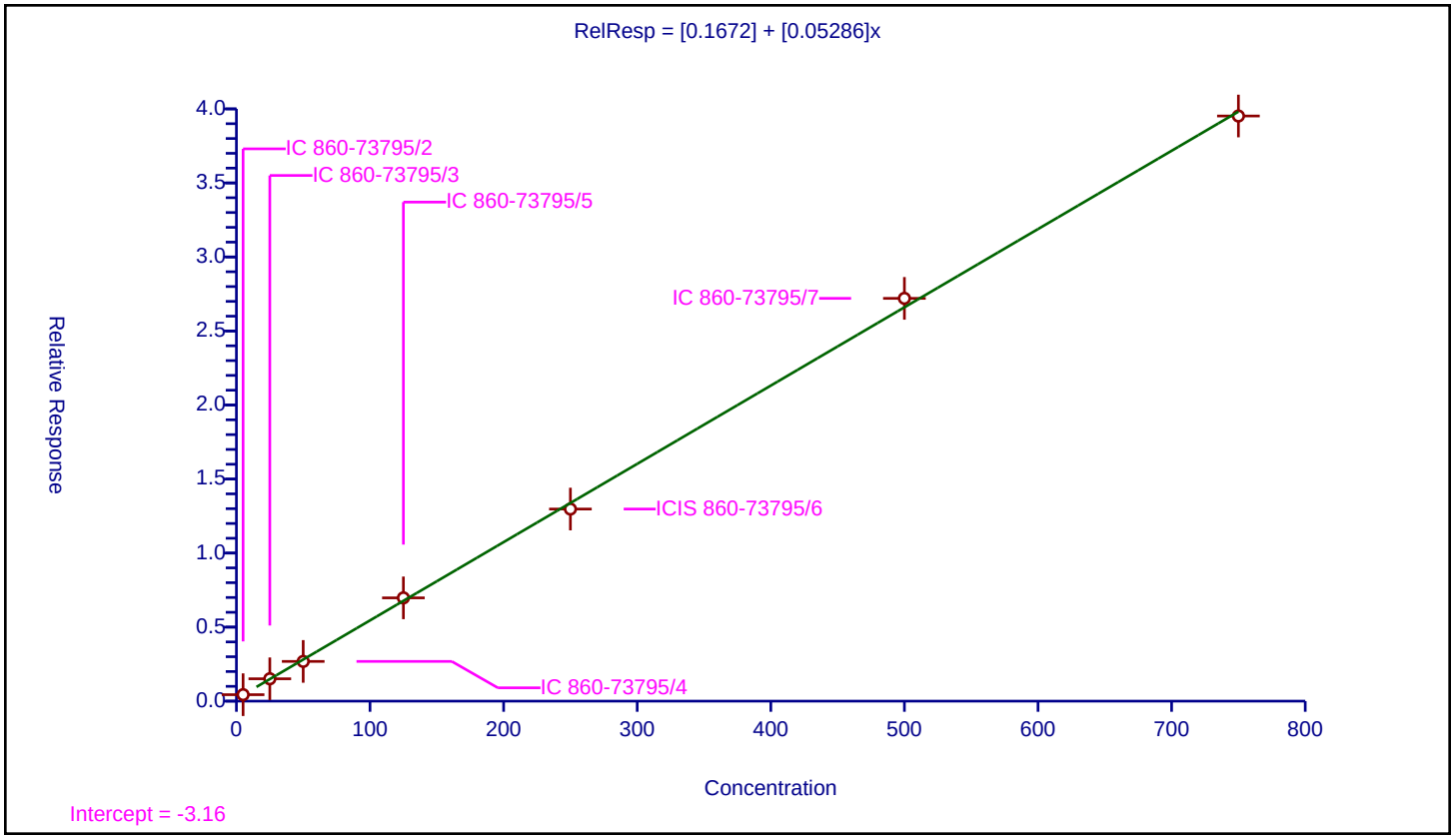
Curve Coefficients

Intercept:	0.1672
Slope:	0.05286

Error Coefficients

Standard Error:	50000
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 860-73795/2	5.0	0.436248	50.0	104757.0	0.08725	Y
2	IC 860-73795/3	25.0	1.509591	50.0	107082.0	0.060384	Y
3	IC 860-73795/4	50.0	2.682183	50.0	106555.0	0.053644	Y
4	IC 860-73795/5	125.0	6.975002	50.0	106767.0	0.0558	Y
5	ICIS 860-73795/6	250.0	12.973514	50.0	108814.0	0.051894	Y
6	IC 860-73795/7	500.0	27.203842	50.0	108810.0	0.054408	Y
7	IC 860-73795/8	750.0	39.519339	50.0	112803.0	0.052692	Y



Calibration / Iodomethane

Curve Type:	Quadratic
Weighting:	None
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

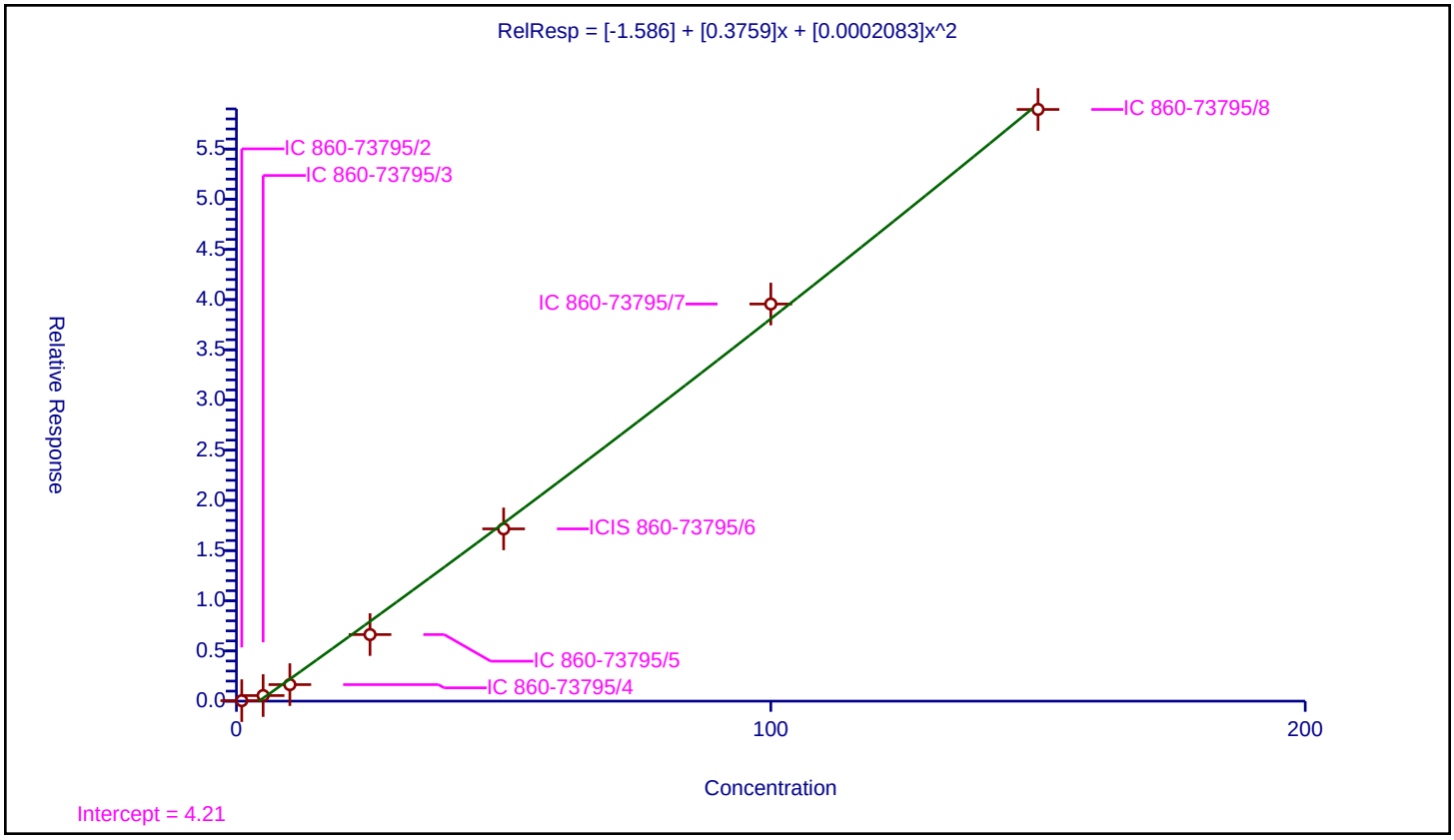
Curve Coefficients

Intercept:	-1.586
Slope:	0.3759
Second Order:	0.0002083

Error Coefficients

Standard Error:	81700
Relative Standard Error:	166.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73795/2	1.0	0.045343	50.0	104757.0	0.045343	Y
2	IC 860-73795/3	5.0	0.556583	50.0	107082.0	0.111317	Y
3	IC 860-73795/4	10.0	1.646098	50.0	106555.0	0.16461	Y
4	IC 860-73795/5	25.0	6.632667	50.0	106767.0	0.265307	Y
5	ICIS 860-73795/6	50.0	17.160935	50.0	108814.0	0.343219	Y
6	IC 860-73795/7	100.0	39.562081	50.0	108810.0	0.395621	Y
7	IC 860-73795/8	150.0	58.943025	50.0	112803.0	0.392953	Y



Calibration / Carbon disulfide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

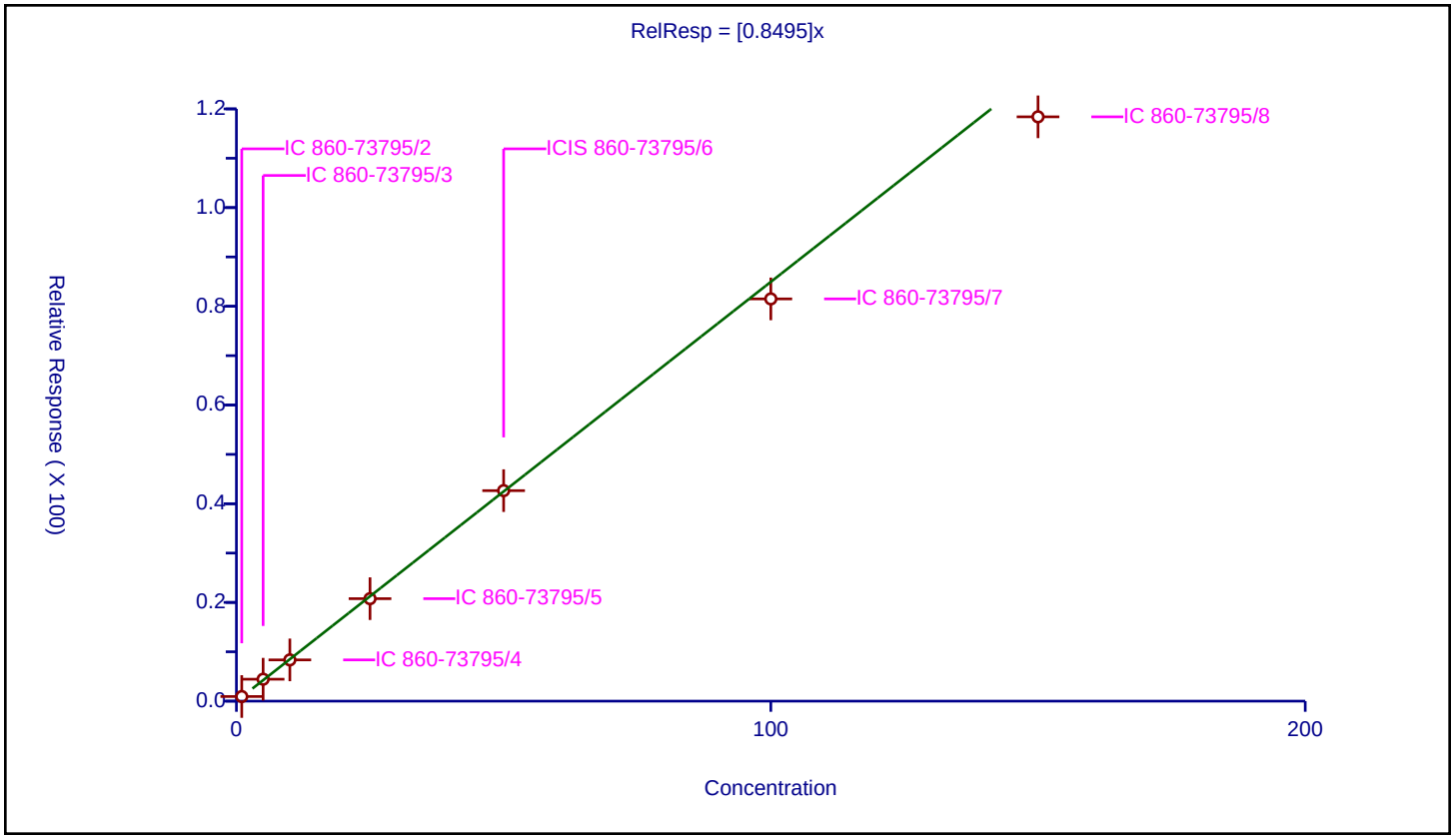
Curve Coefficients

Intercept:	0
Slope:	0.8495

Error Coefficients

Standard Error:	138000
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 860-73795/2	1.0	0.934544	50.0	104757.0	0.934544	Y
2	IC 860-73795/3	5.0	4.44239	50.0	107082.0	0.888478	Y
3	IC 860-73795/4	10.0	8.358594	50.0	106555.0	0.835859	Y
4	IC 860-73795/5	25.0	20.762033	50.0	106767.0	0.830481	Y
5	ICIS 860-73795/6	50.0	42.650762	50.0	108814.0	0.853015	Y
6	IC 860-73795/7	100.0	81.500781	50.0	108810.0	0.815008	Y
7	IC 860-73795/8	150.0	118.394458	50.0	112803.0	0.789296	Y



Calibration / Isopropyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

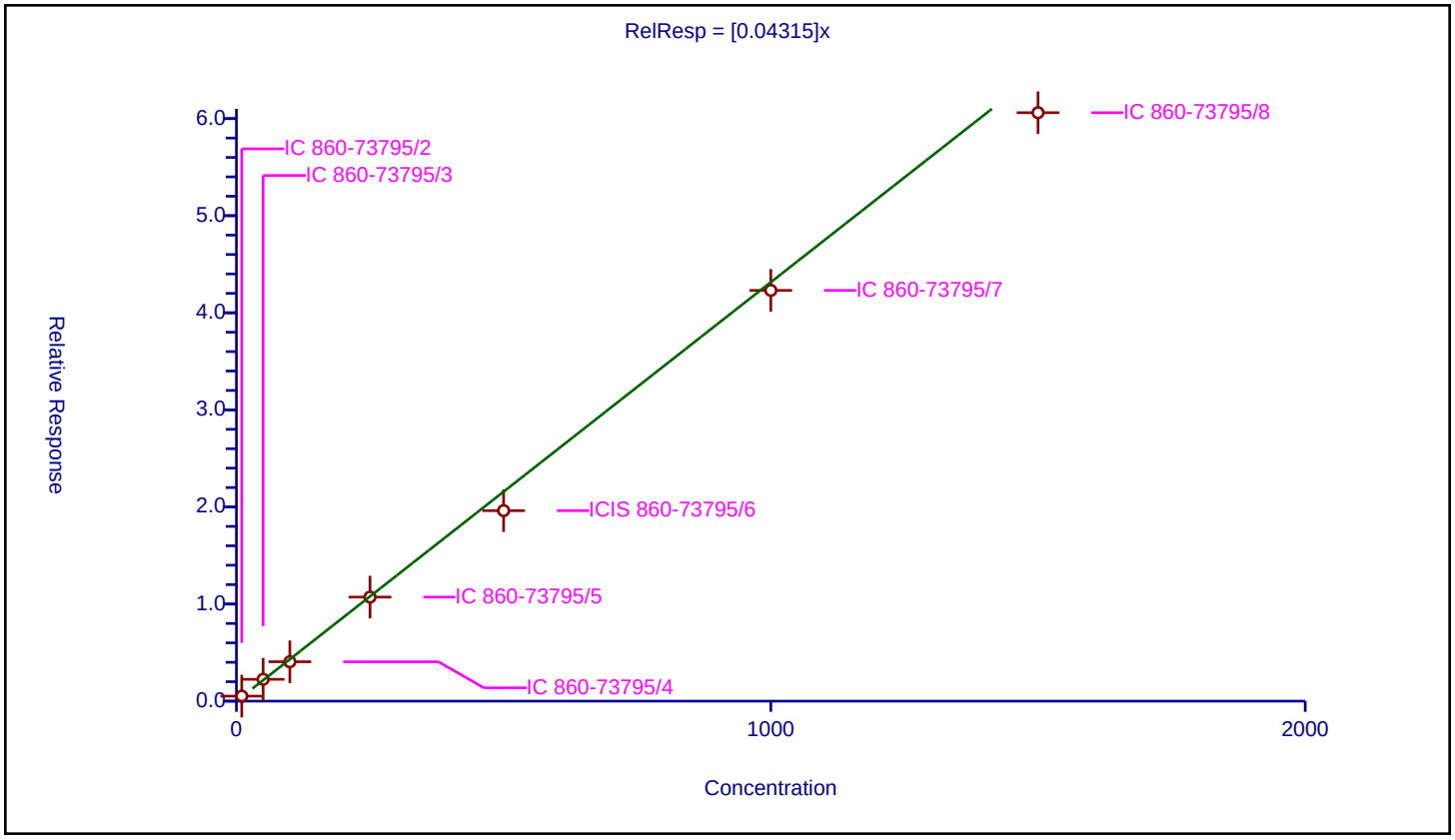
Curve Coefficients

Intercept:	0
Slope:	0.04315

Error Coefficients

Standard Error:	70200
Relative Standard Error:	9.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73795/2	10.0	0.517388	50.0	104757.0	0.051739	Y
2	IC 860-73795/3	50.0	2.246876	50.0	107082.0	0.044938	Y
3	IC 860-73795/4	100.0	4.055652	50.0	106555.0	0.040557	Y
4	IC 860-73795/5	250.0	10.71539	50.0	106767.0	0.042862	Y
5	ICIS 860-73795/6	500.0	19.621097	50.0	108814.0	0.039242	Y
6	IC 860-73795/7	1000.0	42.304016	50.0	108810.0	0.042304	Y
7	IC 860-73795/8	1500.0	60.607874	50.0	112803.0	0.040405	Y



Calibration / Acetonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

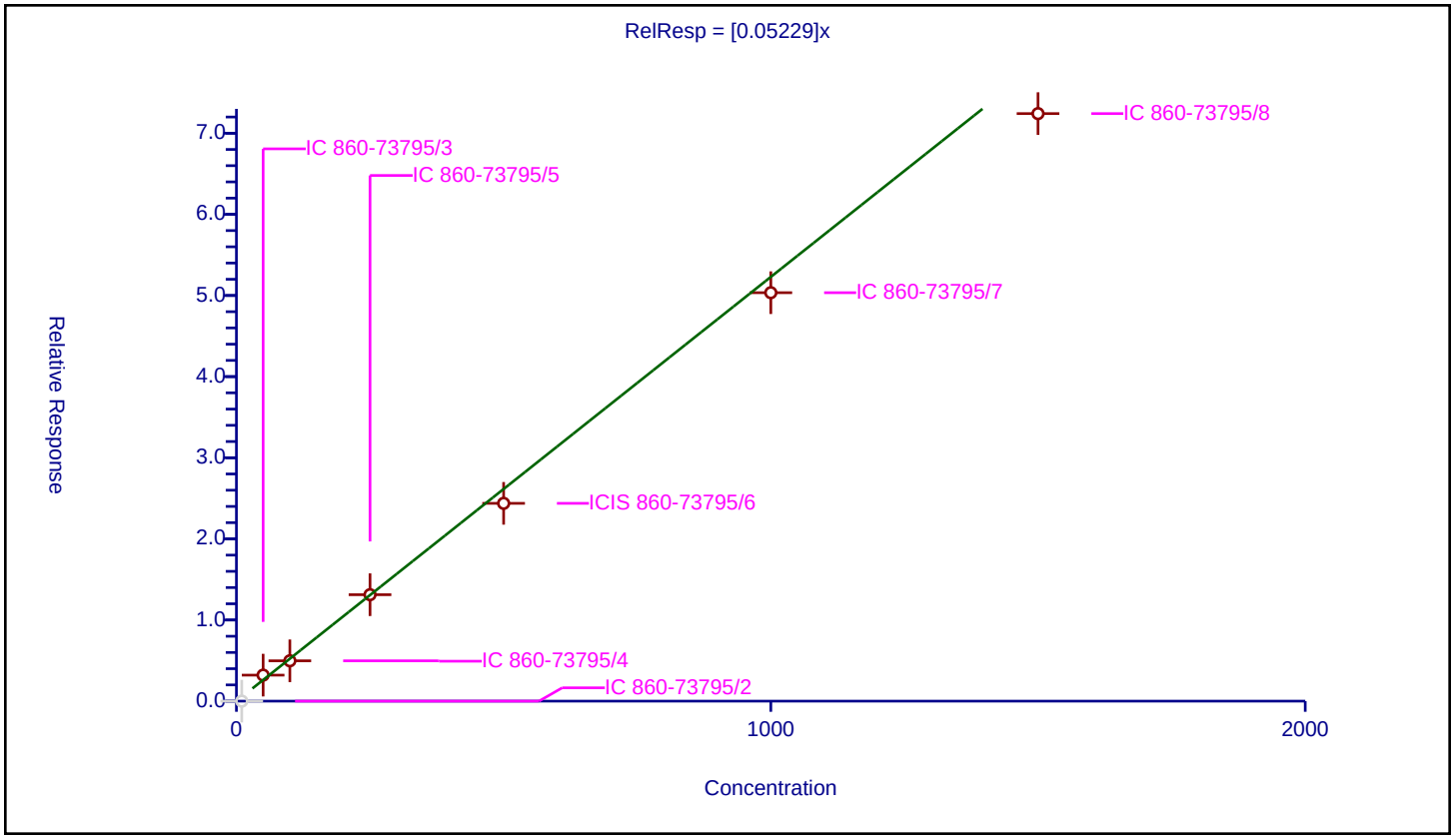
Curve Coefficients

Intercept:	0
Slope:	0.05229

Error Coefficients

Standard Error:	92100
Relative Standard Error:	11.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73795/2	10.0	0.0	50.0	104757.0	0.0	N
2	IC 860-73795/3	50.0	3.206888	50.0	107082.0	0.064138	Y
3	IC 860-73795/4	100.0	4.972549	50.0	106555.0	0.049725	Y
4	IC 860-73795/5	250.0	13.121095	50.0	106767.0	0.052484	Y
5	ICIS 860-73795/6	500.0	24.381054	50.0	108814.0	0.048762	Y
6	IC 860-73795/7	1000.0	50.345097	50.0	108810.0	0.050345	Y
7	IC 860-73795/8	1500.0	72.4174	50.0	112803.0	0.048278	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

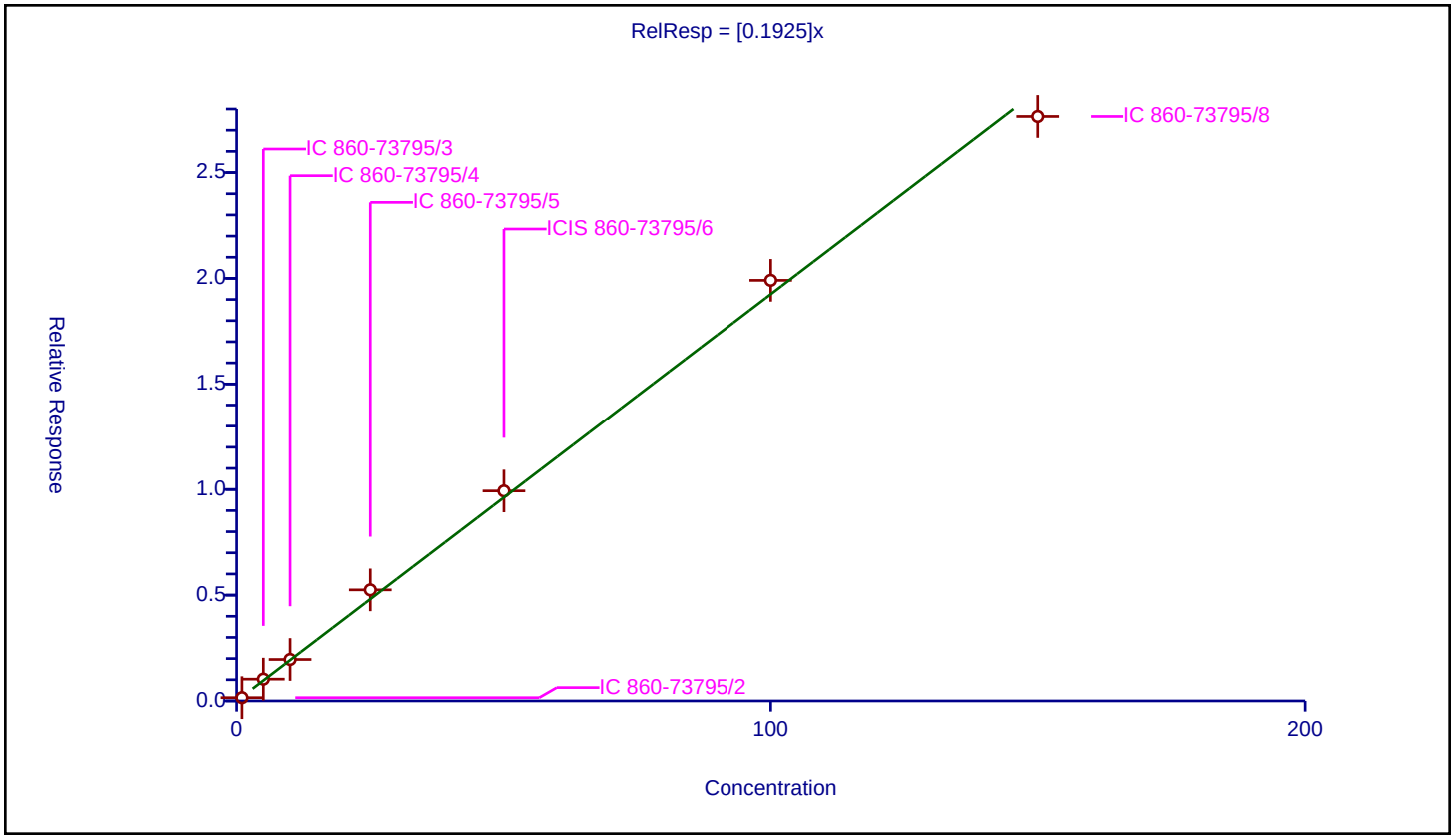
Curve Coefficients

Intercept:	0
Slope:	0.1925

Error Coefficients

Standard Error:	32600
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 860-73795/2	1.0	0.153689	50.0	104757.0	0.153689	Y
2	IC 860-73795/3	5.0	1.029585	50.0	107082.0	0.205917	Y
3	IC 860-73795/4	10.0	1.957674	50.0	106555.0	0.195767	Y
4	IC 860-73795/5	25.0	5.248345	50.0	106767.0	0.209934	Y
5	ICIS 860-73795/6	50.0	9.930248	50.0	108814.0	0.198605	Y
6	IC 860-73795/7	100.0	19.907637	50.0	108810.0	0.199076	Y
7	IC 860-73795/8	150.0	27.648201	50.0	112803.0	0.184321	Y



Calibration / Methyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

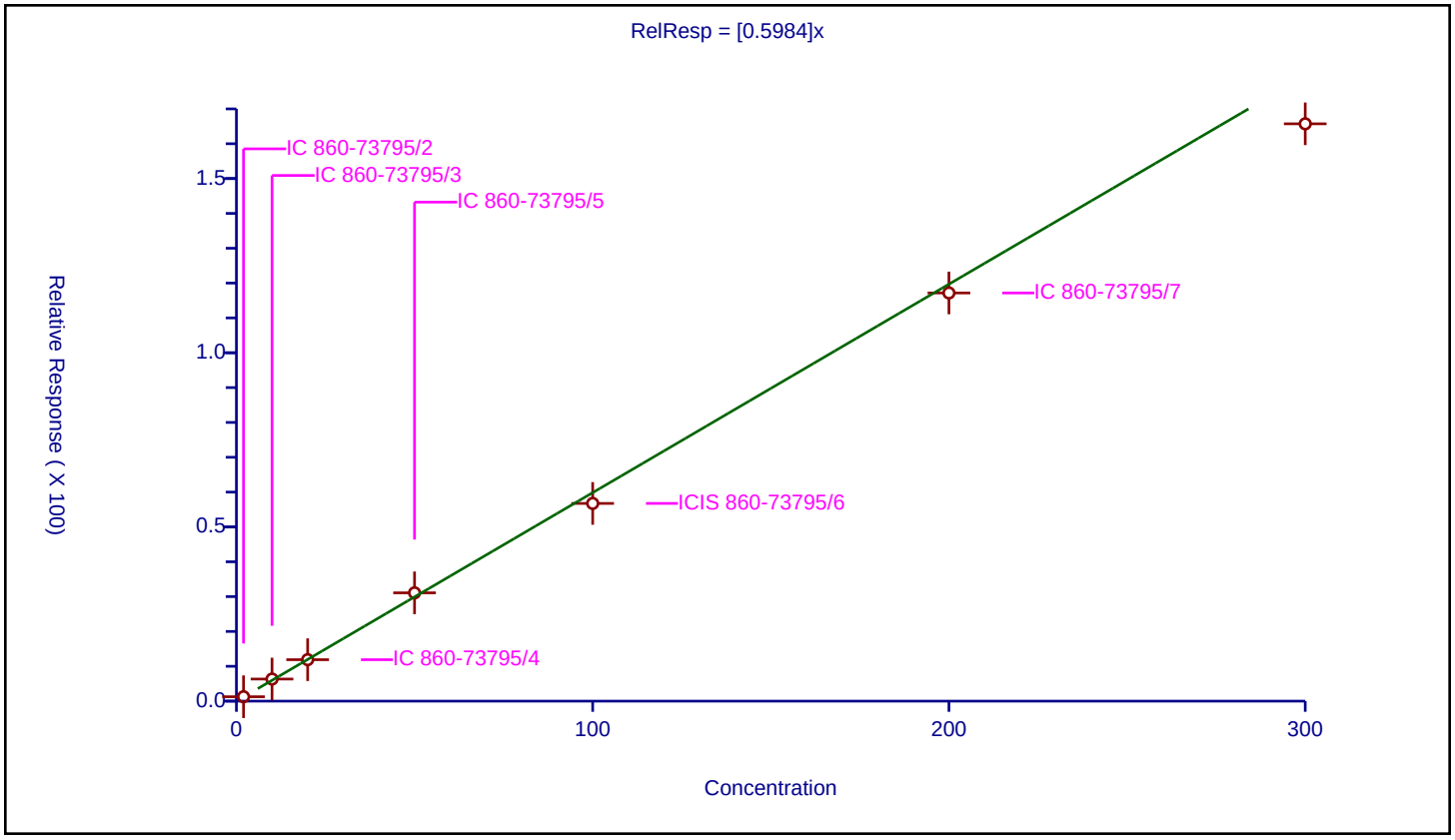
Curve Coefficients

Intercept:	0
Slope:	0.5984

Error Coefficients

Standard Error:	194000
Relative Standard Error:	5.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73795/2	2.0	1.264355	50.0	104757.0	0.632177	Y
2	IC 860-73795/3	10.0	6.341869	50.0	107082.0	0.634187	Y
3	IC 860-73795/4	20.0	11.902773	50.0	106555.0	0.595139	Y
4	IC 860-73795/5	50.0	31.084979	50.0	106767.0	0.6217	Y
5	ICIS 860-73795/6	100.0	56.755105	50.0	108814.0	0.567551	Y
6	IC 860-73795/7	200.0	117.164323	50.0	108810.0	0.585822	Y
7	IC 860-73795/8	300.0	165.719883	50.0	112803.0	0.5524	Y



Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

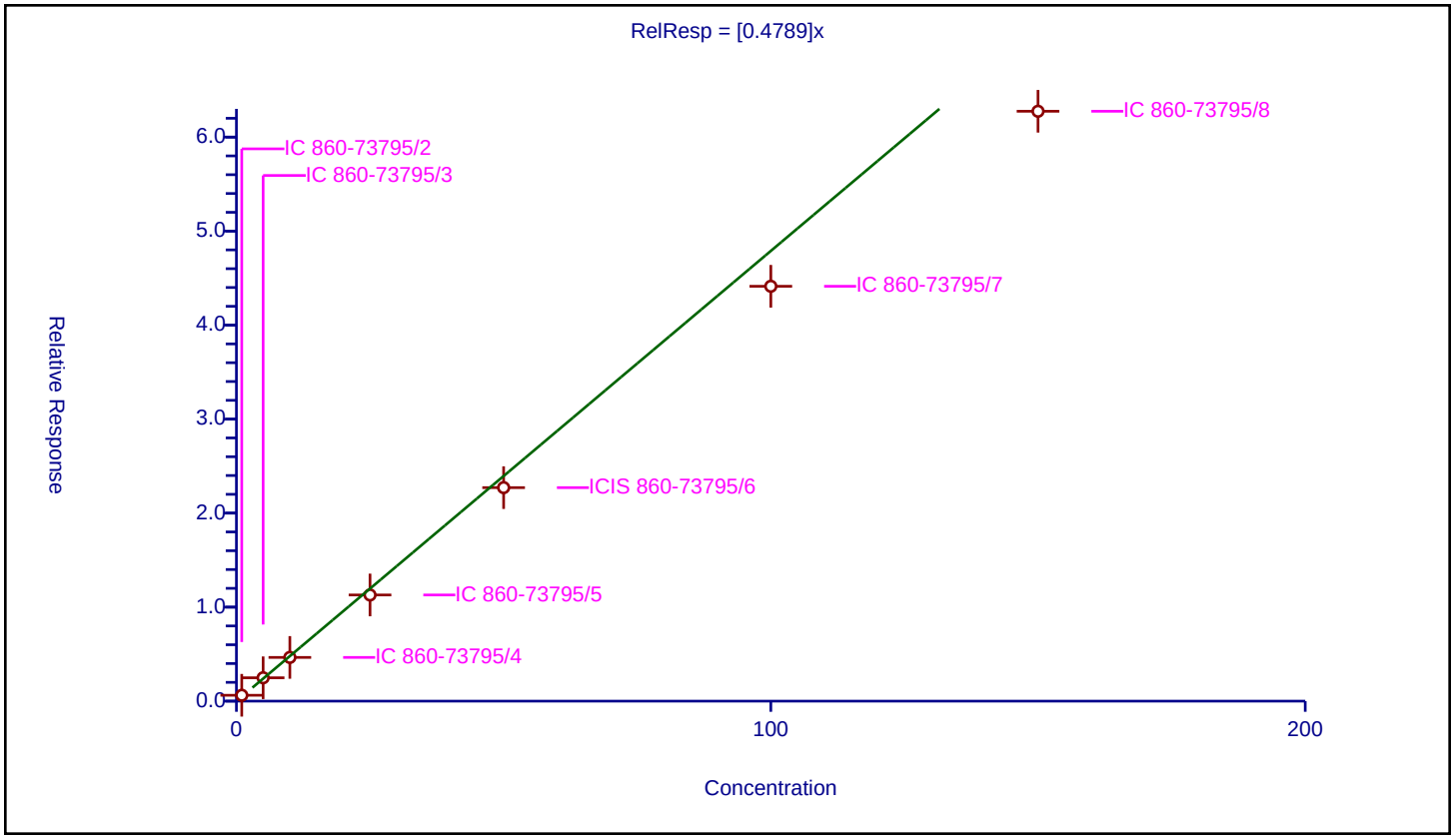
Curve Coefficients

Intercept:	0
Slope:	0.4789

Error Coefficients

Standard Error:	73500
Relative Standard Error:	14.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.972

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73795/2	1.0	0.624302	50.0	104757.0	0.624302	Y
2	IC 860-73795/3	5.0	2.485945	50.0	107082.0	0.497189	Y
3	IC 860-73795/4	10.0	4.651119	50.0	106555.0	0.465112	Y
4	IC 860-73795/5	25.0	11.29422	50.0	106767.0	0.451769	Y
5	ICIS 860-73795/6	50.0	22.712611	50.0	108814.0	0.454252	Y
6	IC 860-73795/7	100.0	44.130135	50.0	108810.0	0.441301	Y
7	IC 860-73795/8	150.0	62.747445	50.0	112803.0	0.418316	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

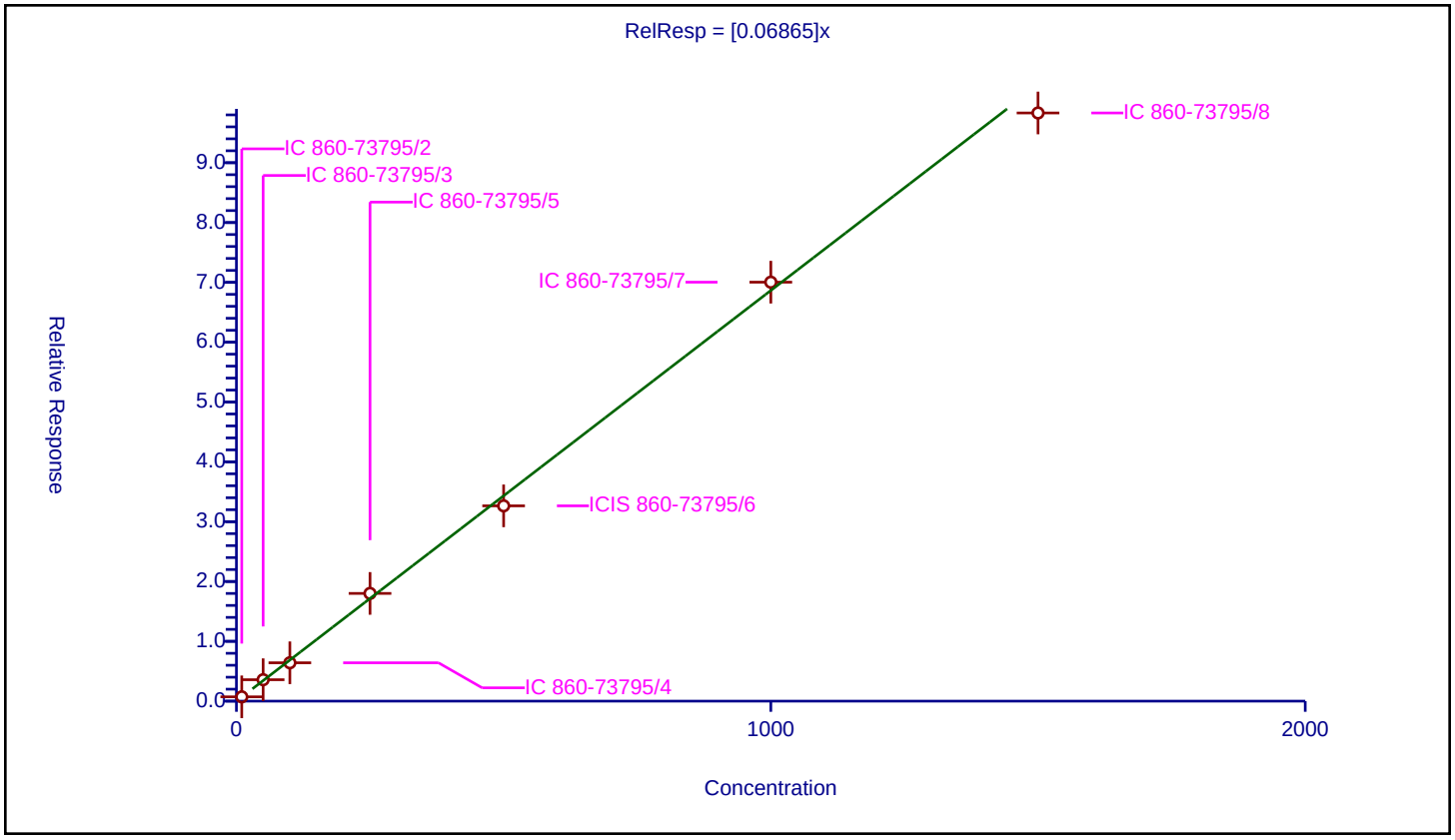
Curve Coefficients

Intercept:	0
Slope:	0.06865

Error Coefficients

Standard Error:	115000
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 860-73795/2	10.0	0.718806	50.0	104757.0	0.071881	Y
2	IC 860-73795/3	50.0	3.580434	50.0	107082.0	0.071609	Y
3	IC 860-73795/4	100.0	6.413589	50.0	106555.0	0.064136	Y
4	IC 860-73795/5	250.0	18.007437	50.0	106767.0	0.07203	Y
5	ICIS 860-73795/6	500.0	32.646534	50.0	108814.0	0.065293	Y
6	IC 860-73795/7	1000.0	70.034923	50.0	108810.0	0.070035	Y
7	IC 860-73795/8	1500.0	98.319637	50.0	112803.0	0.065546	Y



Calibration / Acrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

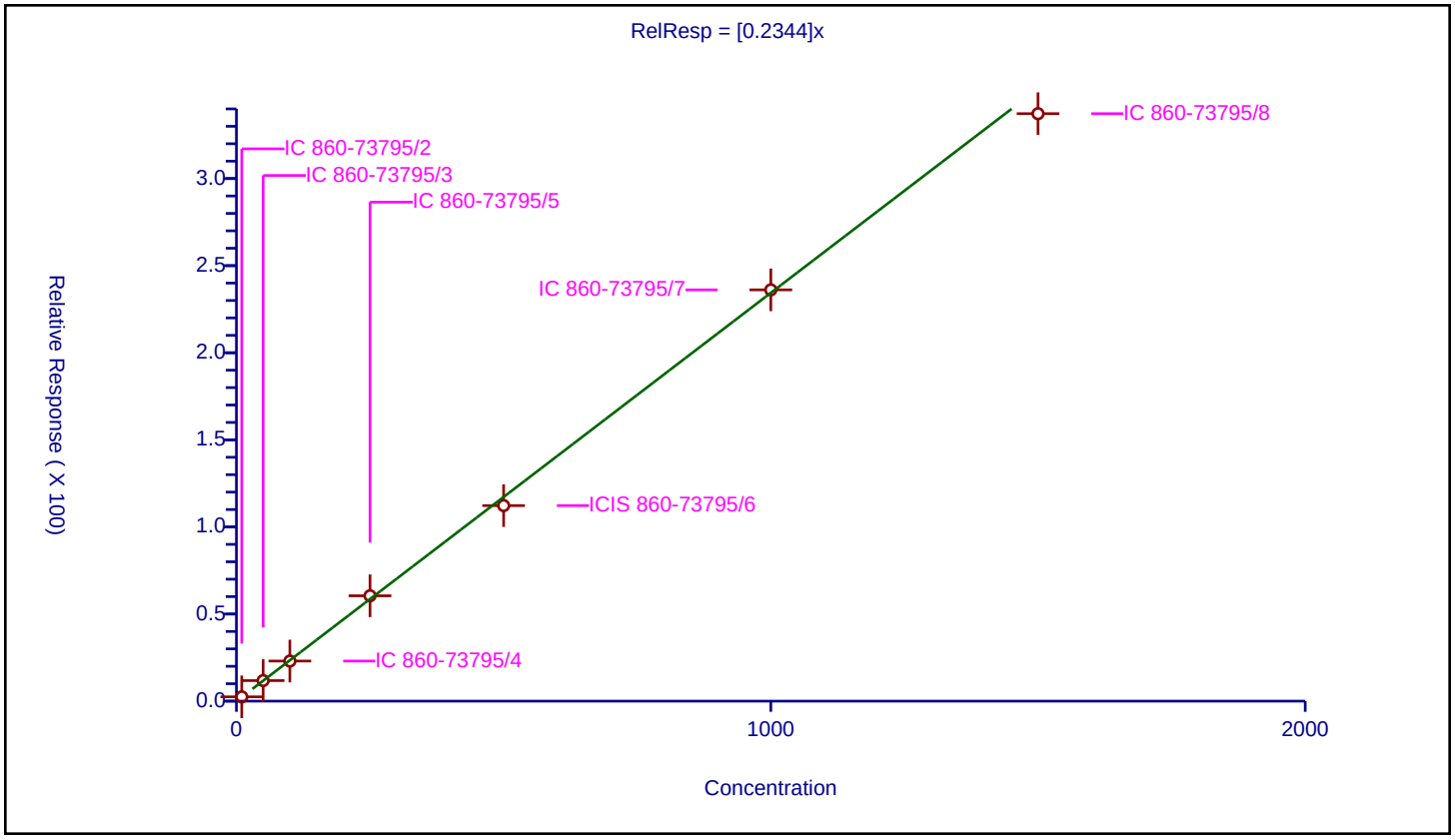
Curve Coefficients

Intercept:	0
Slope:	0.2344

Error Coefficients

Standard Error:	392000
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 860-73795/2	10.0	2.470957	50.0	104757.0	0.247096	Y
2	IC 860-73795/3	50.0	11.803571	50.0	107082.0	0.236071	Y
3	IC 860-73795/4	100.0	23.020037	50.0	106555.0	0.2302	Y
4	IC 860-73795/5	250.0	60.48264	50.0	106767.0	0.241931	Y
5	ICIS 860-73795/6	500.0	112.253938	50.0	108814.0	0.224508	Y
6	IC 860-73795/7	1000.0	236.124437	50.0	108810.0	0.236124	Y
7	IC 860-73795/8	1500.0	337.262307	50.0	112803.0	0.224842	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

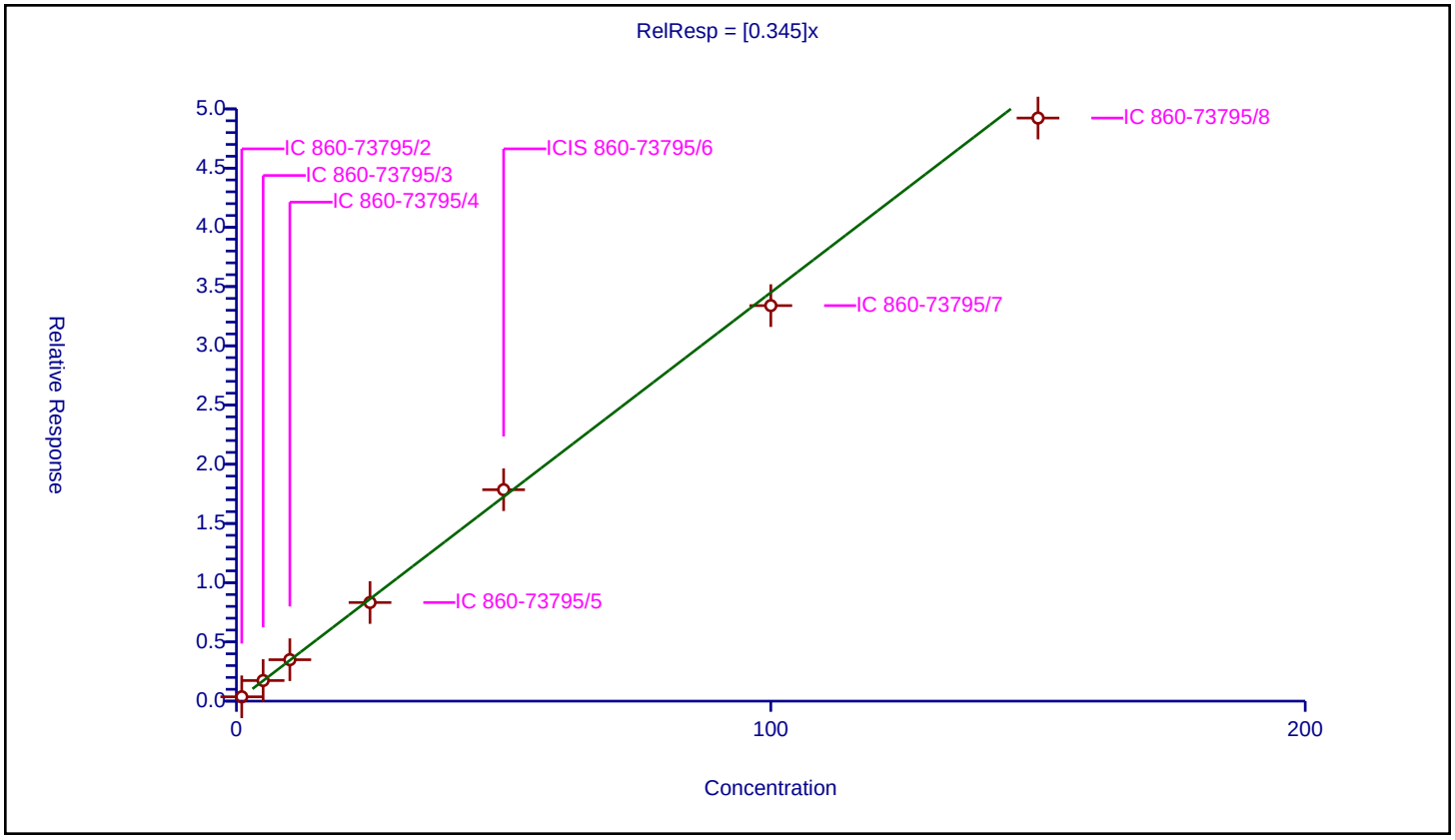
Curve Coefficients

Intercept:	0
Slope:	0.345

Error Coefficients

Standard Error:	57000
Relative Standard Error:	4.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73795/2	1.0	0.365131	50.0	104757.0	0.365131	Y
2	IC 860-73795/3	5.0	1.739788	50.0	107082.0	0.347958	Y
3	IC 860-73795/4	10.0	3.496786	50.0	106555.0	0.349679	Y
4	IC 860-73795/5	25.0	8.327479	50.0	106767.0	0.333099	Y
5	ICIS 860-73795/6	50.0	17.850185	50.0	108814.0	0.357004	Y
6	IC 860-73795/7	100.0	33.391232	50.0	108810.0	0.333912	Y
7	IC 860-73795/8	150.0	49.228301	50.0	112803.0	0.328189	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

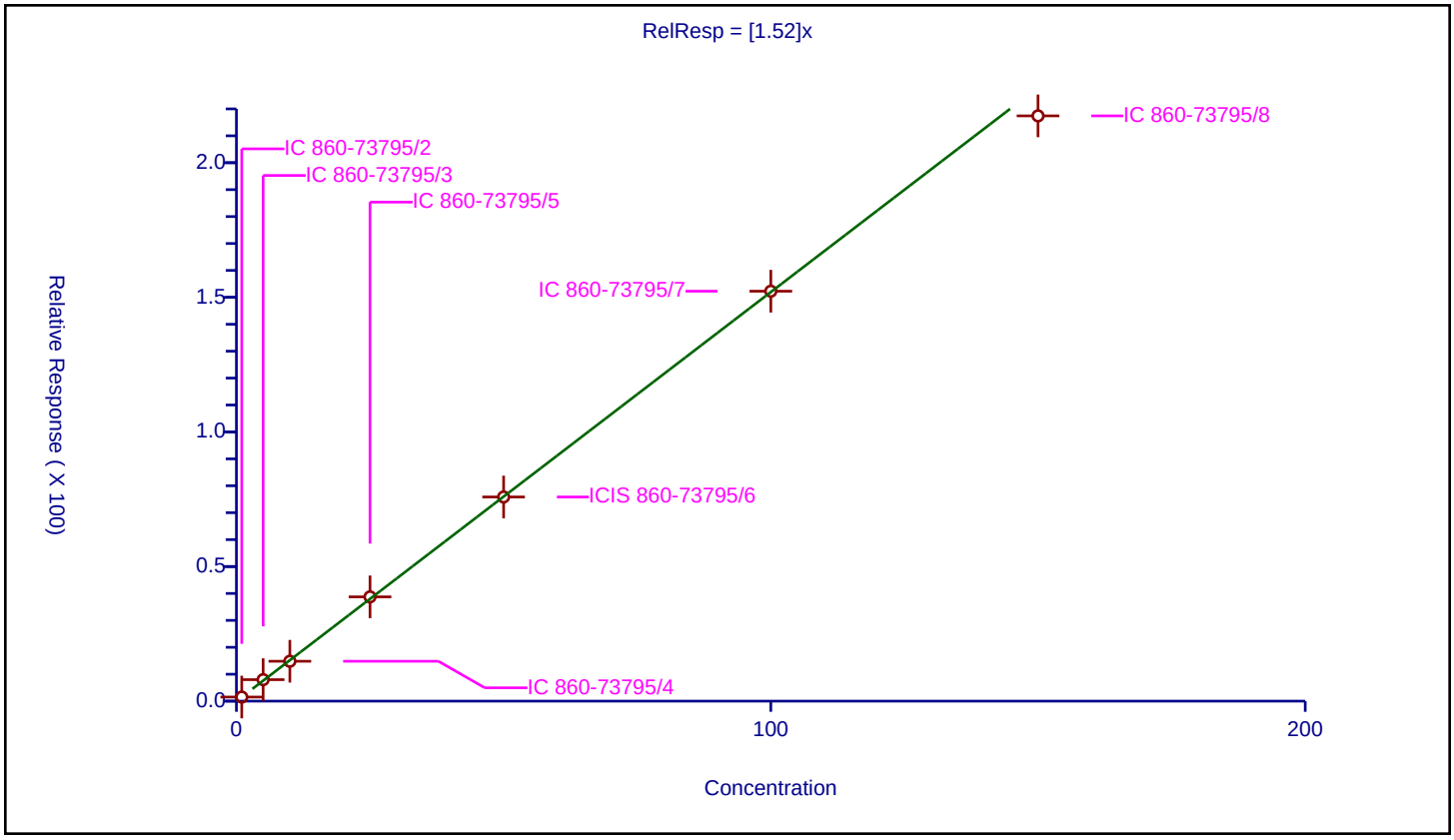
Curve Coefficients

Intercept:	0
Slope:	1.52

Error Coefficients

Standard Error:	253000
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 860-73795/2	1.0	1.520185	50.0	104757.0	1.520185	Y
2	IC 860-73795/3	5.0	7.983134	50.0	107082.0	1.596627	Y
3	IC 860-73795/4	10.0	14.816761	50.0	106555.0	1.481676	Y
4	IC 860-73795/5	25.0	38.742776	50.0	106767.0	1.549711	Y
5	ICIS 860-73795/6	50.0	75.840425	50.0	108814.0	1.516808	Y
6	IC 860-73795/7	100.0	152.281959	50.0	108810.0	1.52282	Y
7	IC 860-73795/8	150.0	217.405565	50.0	112803.0	1.44937	Y



Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

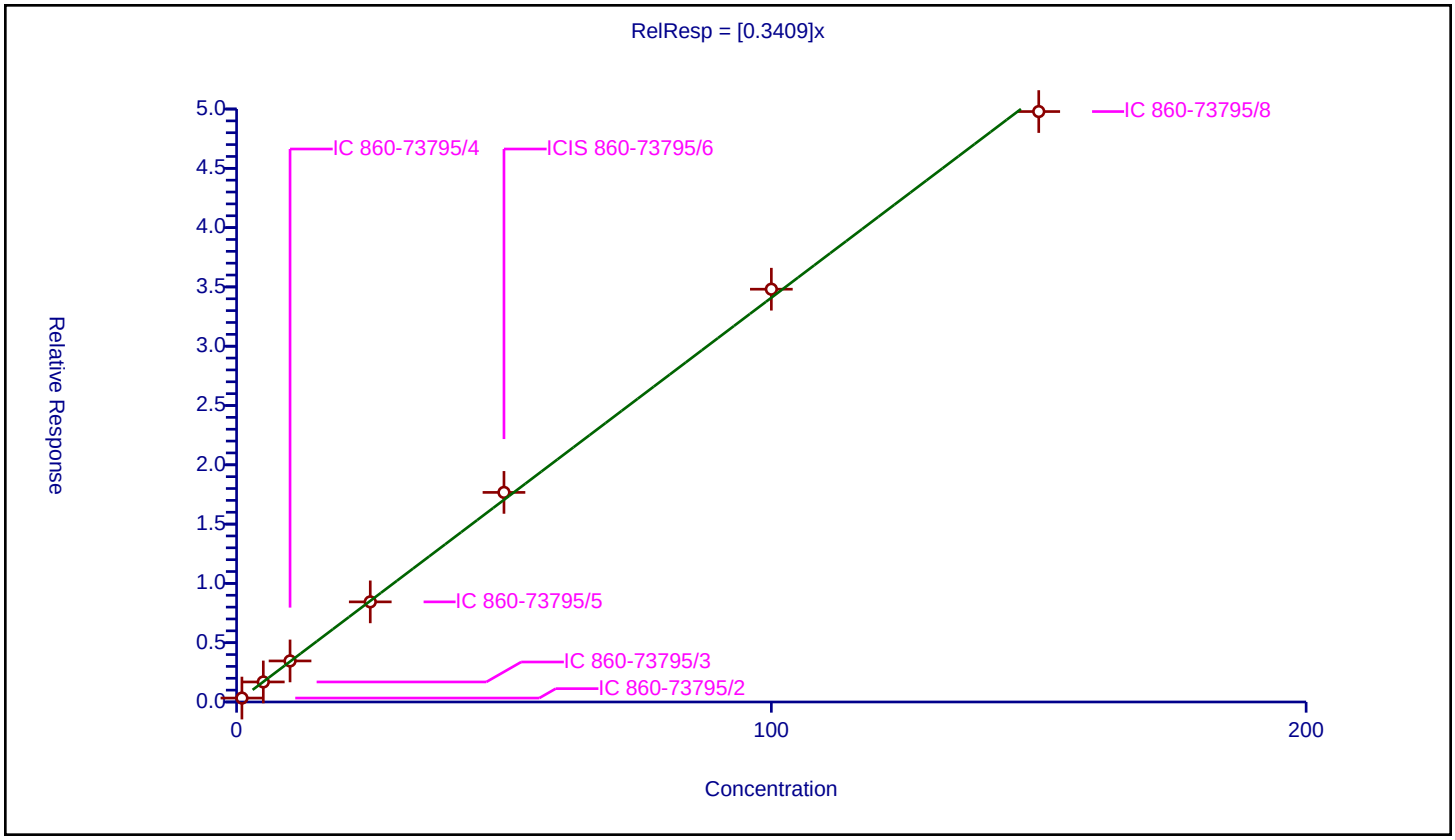
Curve Coefficients

Intercept:	0
Slope:	0.3409

Error Coefficients

Standard Error:	58000
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 860-73795/2	1.0	0.330765	50.0	104757.0	0.330765	Y
2	IC 860-73795/3	5.0	1.690293	50.0	107082.0	0.338059	Y
3	IC 860-73795/4	10.0	3.462531	50.0	106555.0	0.346253	Y
4	IC 860-73795/5	25.0	8.442684	50.0	106767.0	0.337707	Y
5	ICIS 860-73795/6	50.0	17.673277	50.0	108814.0	0.353466	Y
6	IC 860-73795/7	100.0	34.807463	50.0	108810.0	0.348075	Y
7	IC 860-73795/8	150.0	49.78724	50.0	112803.0	0.331915	Y



Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

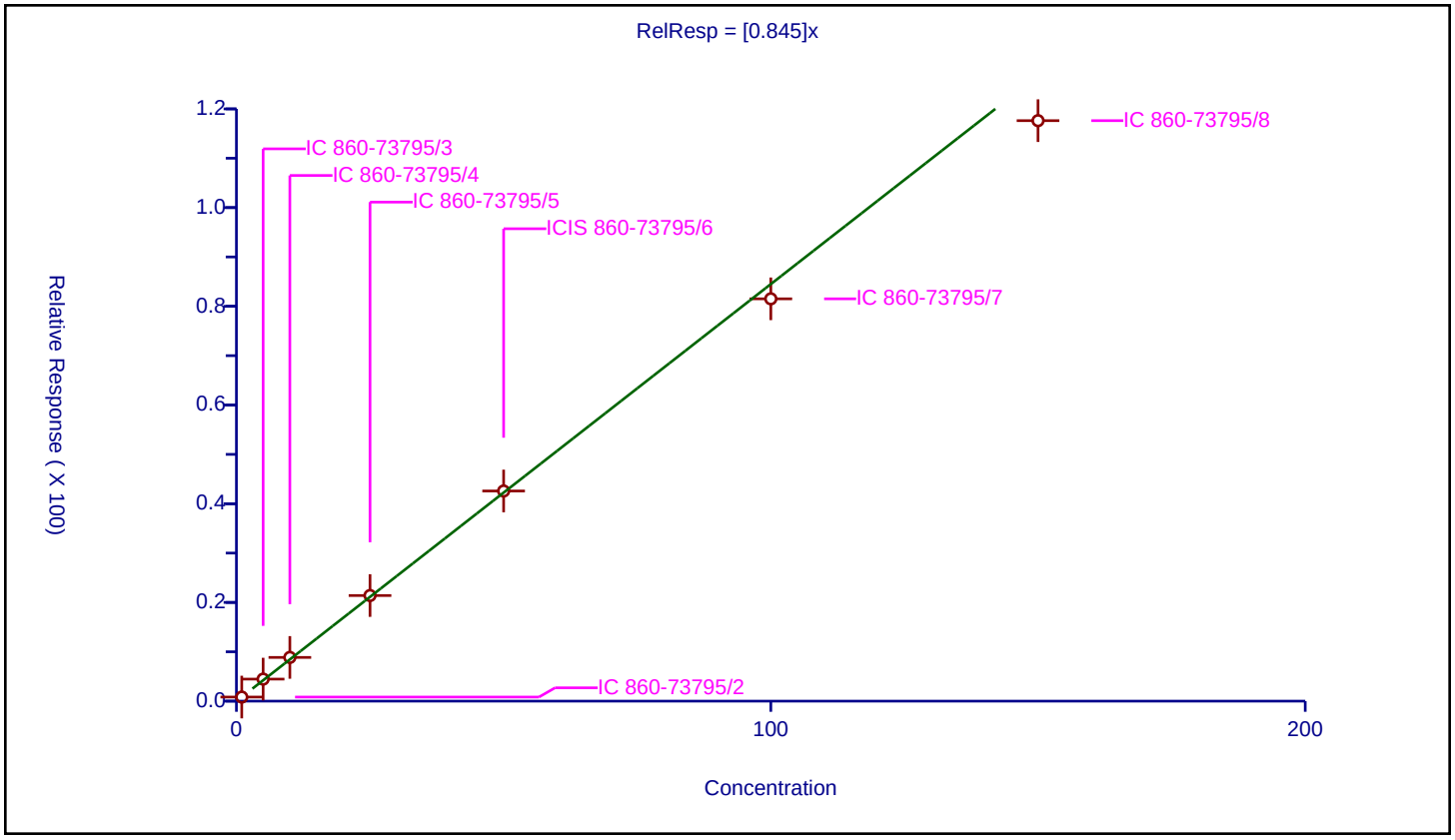
Curve Coefficients

Intercept:	0
Slope:	0.845

Error Coefficients

Standard Error:	137000
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 860-73795/2	1.0	0.829062	50.0	104757.0	0.829062	Y
2	IC 860-73795/3	5.0	4.464336	50.0	107082.0	0.892867	Y
3	IC 860-73795/4	10.0	8.859744	50.0	106555.0	0.885974	Y
4	IC 860-73795/5	25.0	21.402212	50.0	106767.0	0.856088	Y
5	ICIS 860-73795/6	50.0	42.579539	50.0	108814.0	0.851591	Y
6	IC 860-73795/7	100.0	81.515486	50.0	108810.0	0.815155	Y
7	IC 860-73795/8	150.0	117.615666	50.0	112803.0	0.784104	Y



Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

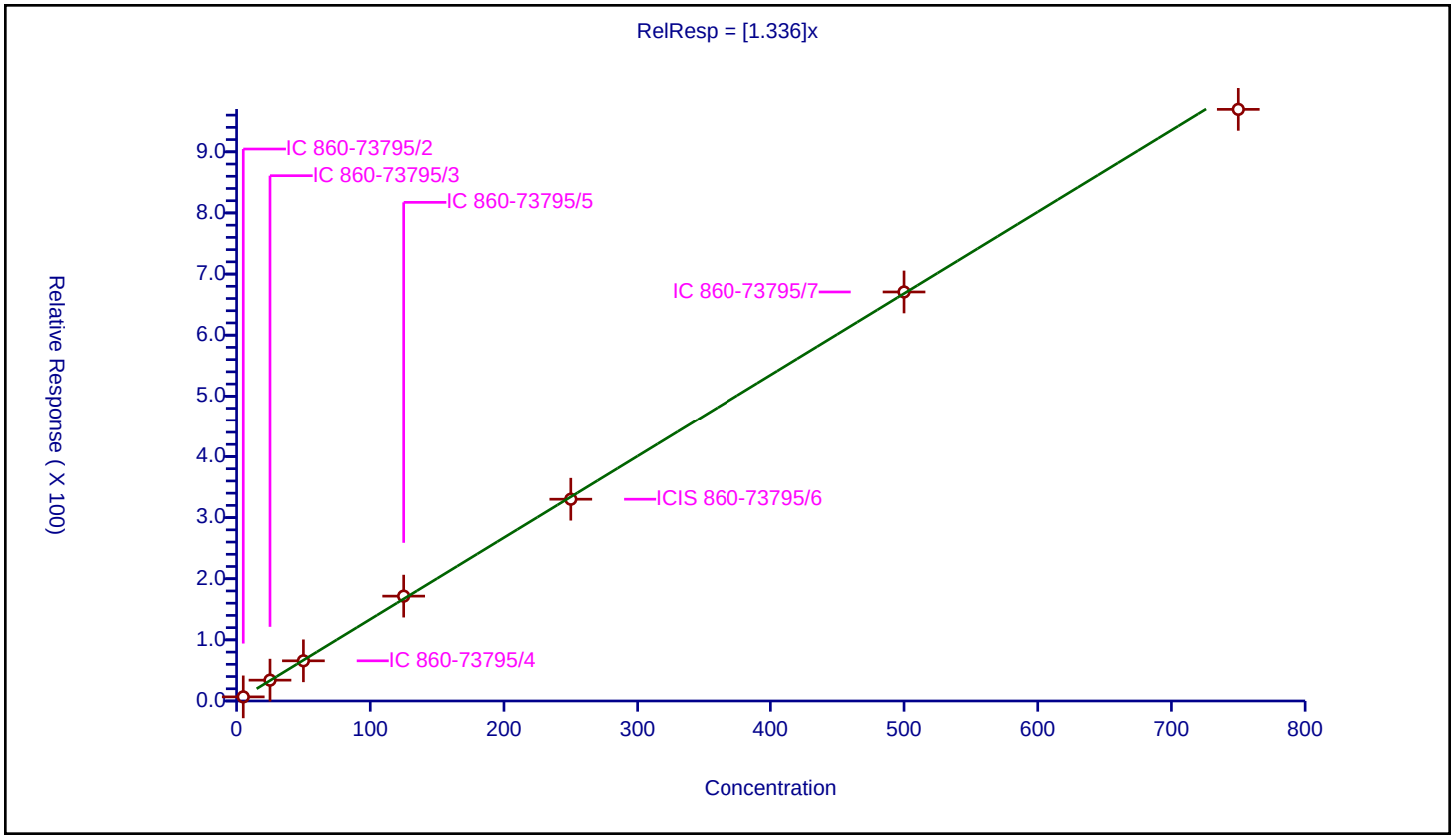
Curve Coefficients

Intercept:	0
Slope:	1.336

Error Coefficients

Standard Error:	1120000
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 860-73795/2	5.0	6.740361	50.0	104757.0	1.348072	Y
2	IC 860-73795/3	25.0	34.100502	50.0	107082.0	1.36402	Y
3	IC 860-73795/4	50.0	65.728497	50.0	106555.0	1.31457	Y
4	IC 860-73795/5	125.0	171.537085	50.0	106767.0	1.372297	Y
5	ICIS 860-73795/6	250.0	330.094933	50.0	108814.0	1.32038	Y
6	IC 860-73795/7	500.0	670.689275	50.0	108810.0	1.341379	Y
7	IC 860-73795/8	750.0	969.424129	50.0	112803.0	1.292566	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

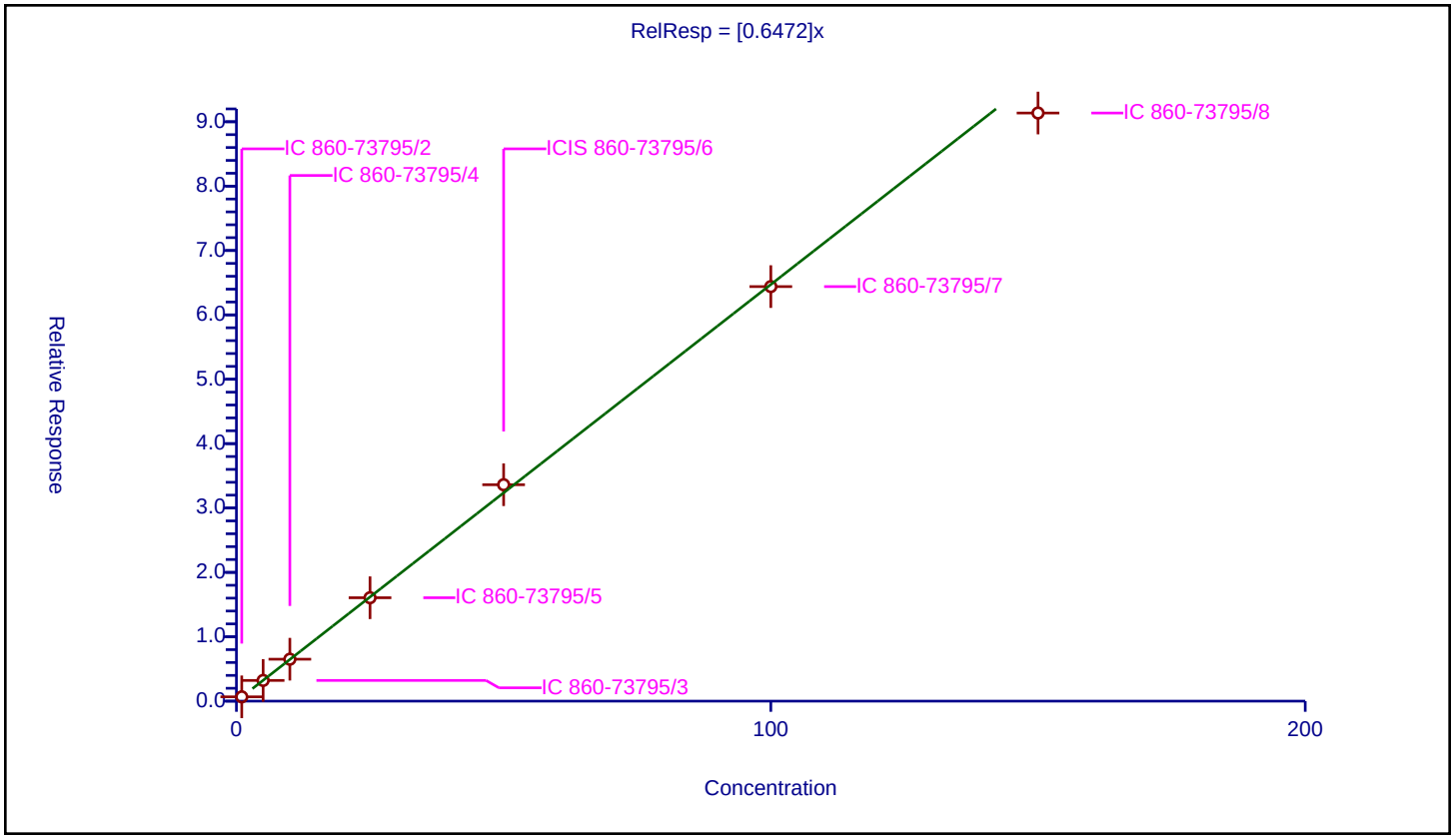
Curve Coefficients

Intercept:	0
Slope:	0.6472

Error Coefficients

Standard Error:	107000
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 860-73795/2	1.0	0.668213	50.0	104757.0	0.668213	Y
2	IC 860-73795/3	5.0	3.214826	50.0	107082.0	0.642965	Y
3	IC 860-73795/4	10.0	6.513538	50.0	106555.0	0.651354	Y
4	IC 860-73795/5	25.0	16.063016	50.0	106767.0	0.642521	Y
5	ICIS 860-73795/6	50.0	33.619295	50.0	108814.0	0.672386	Y
6	IC 860-73795/7	100.0	64.397114	50.0	108810.0	0.643971	Y
7	IC 860-73795/8	150.0	91.357943	50.0	112803.0	0.609053	Y



Calibration / Isopropyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

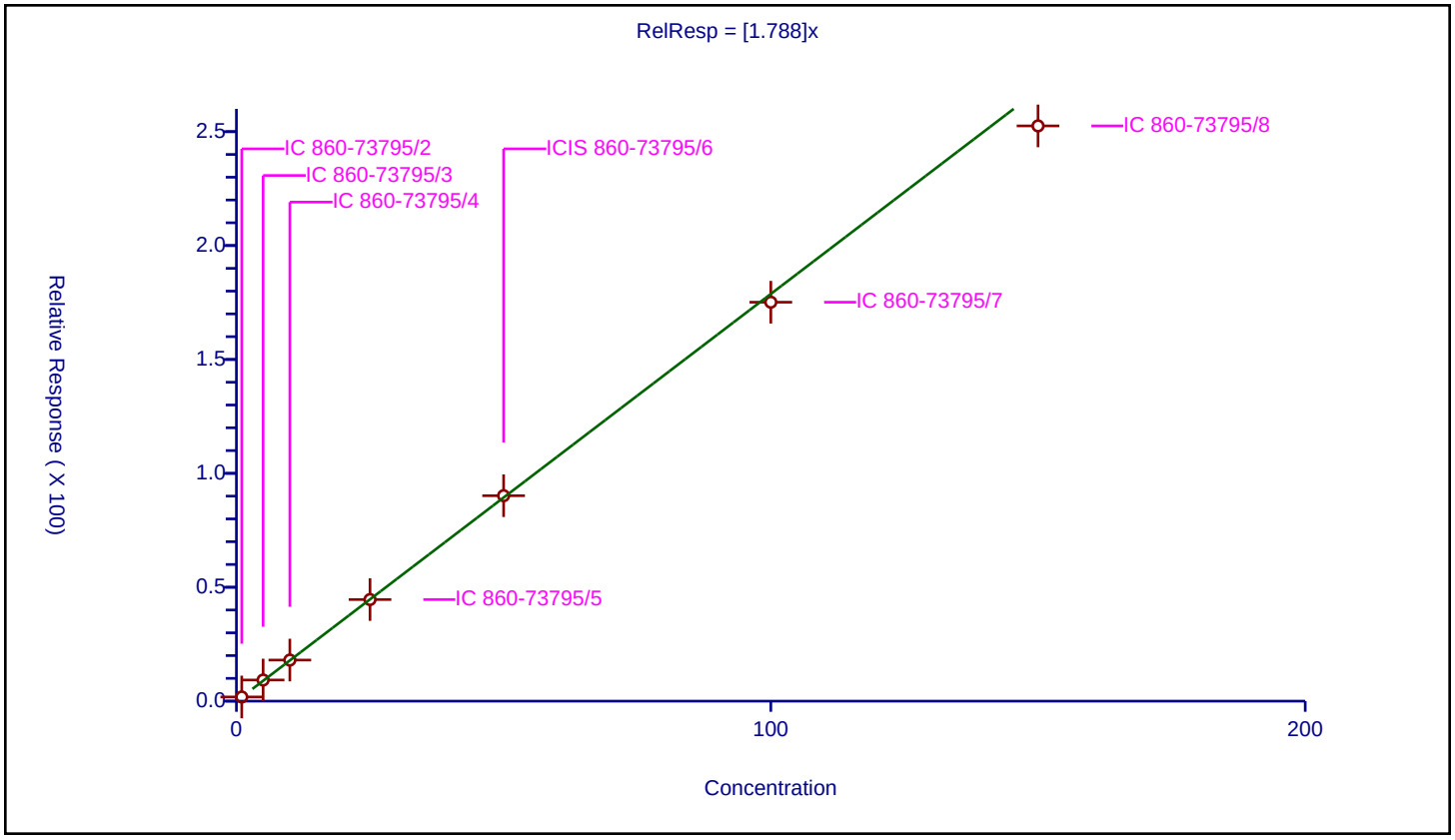
Curve Coefficients

Intercept:	0
Slope:	1.788

Error Coefficients

Standard Error:	294000
Relative Standard Error:	3.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73795/2	1.0	1.830427	50.0	104757.0	1.830427	Y
2	IC 860-73795/3	5.0	9.280738	50.0	107082.0	1.856148	Y
3	IC 860-73795/4	10.0	18.038102	50.0	106555.0	1.80381	Y
4	IC 860-73795/5	25.0	44.599923	50.0	106767.0	1.783997	Y
5	ICIS 860-73795/6	50.0	90.189681	50.0	108814.0	1.803794	Y
6	IC 860-73795/7	100.0	175.139234	50.0	108810.0	1.751392	Y
7	IC 860-73795/8	150.0	252.524312	50.0	112803.0	1.683495	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

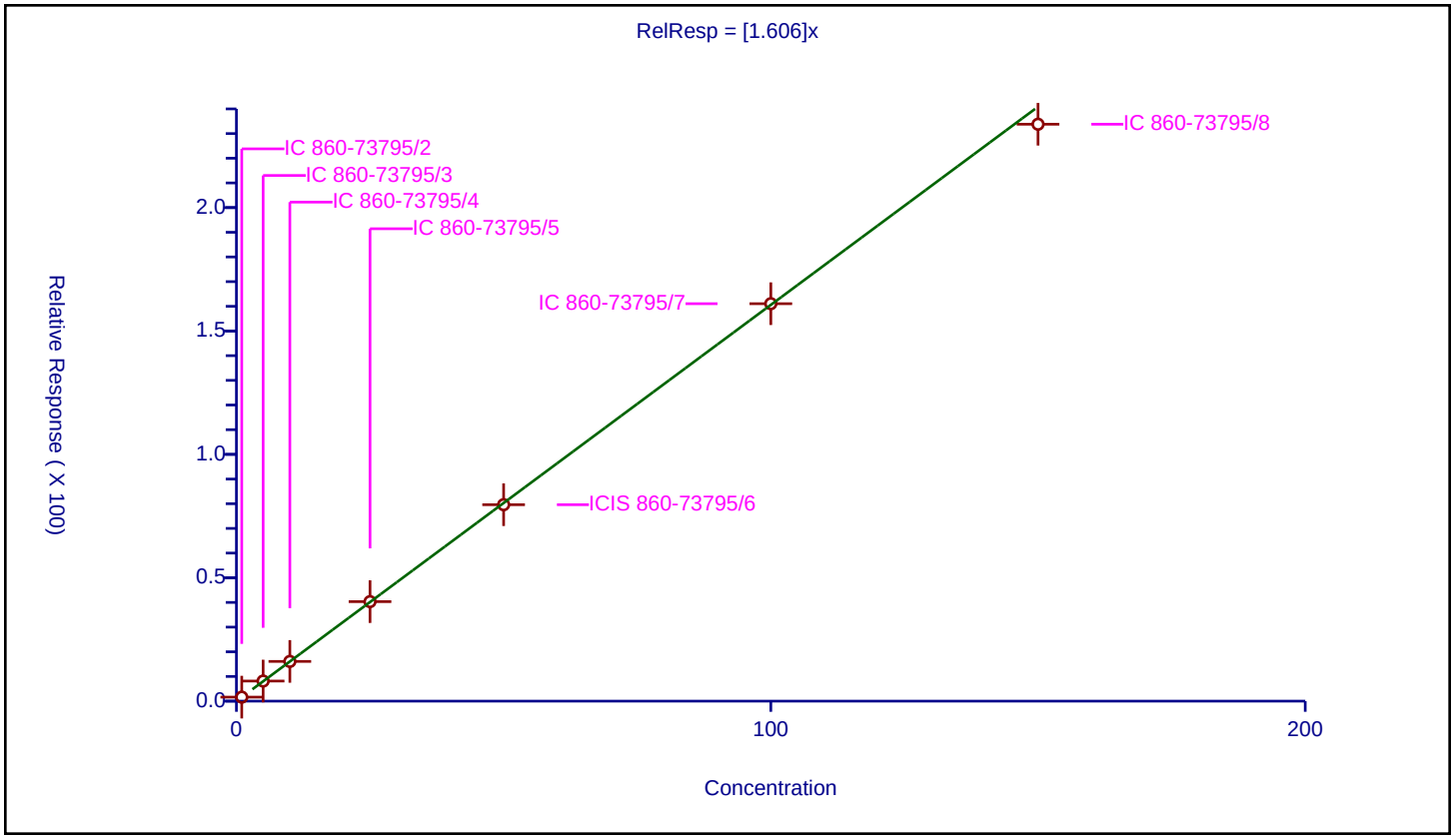
Curve Coefficients

Intercept:	0
Slope:	1.606

Error Coefficients

Standard Error:	271000
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 860-73795/2	1.0	1.629008	50.0	104757.0	1.629008	Y
2	IC 860-73795/3	5.0	8.139557	50.0	107082.0	1.627911	Y
3	IC 860-73795/4	10.0	16.097321	50.0	106555.0	1.609732	Y
4	IC 860-73795/5	25.0	40.323789	50.0	106767.0	1.612952	Y
5	ICIS 860-73795/6	50.0	79.599132	50.0	108814.0	1.591983	Y
6	IC 860-73795/7	100.0	161.058267	50.0	108810.0	1.610583	Y
7	IC 860-73795/8	150.0	233.782789	50.0	112803.0	1.558552	Y



Calibration / 2,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

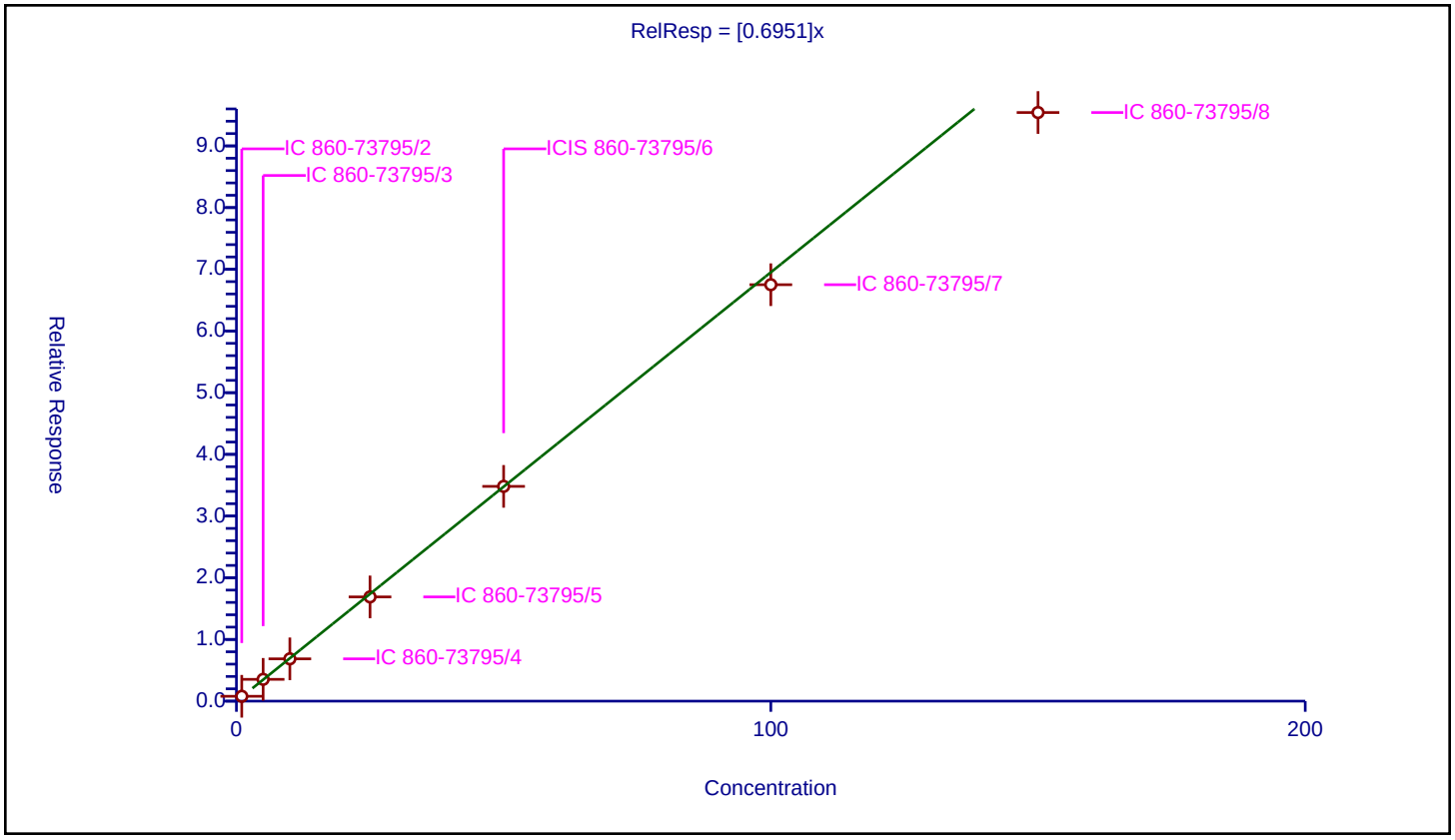
Curve Coefficients

Intercept:	0
Slope:	0.6951

Error Coefficients

Standard Error:	112000
Relative Standard Error:	6.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73795/2	1.0	0.789923	50.0	104757.0	0.789923	Y
2	IC 860-73795/3	5.0	3.53374	50.0	107082.0	0.706748	Y
3	IC 860-73795/4	10.0	6.857022	50.0	106555.0	0.685702	Y
4	IC 860-73795/5	25.0	16.89567	50.0	106767.0	0.675827	Y
5	ICIS 860-73795/6	50.0	34.813076	50.0	108814.0	0.696262	Y
6	IC 860-73795/7	100.0	67.503446	50.0	108810.0	0.675034	Y
7	IC 860-73795/8	150.0	95.413686	50.0	112803.0	0.636091	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

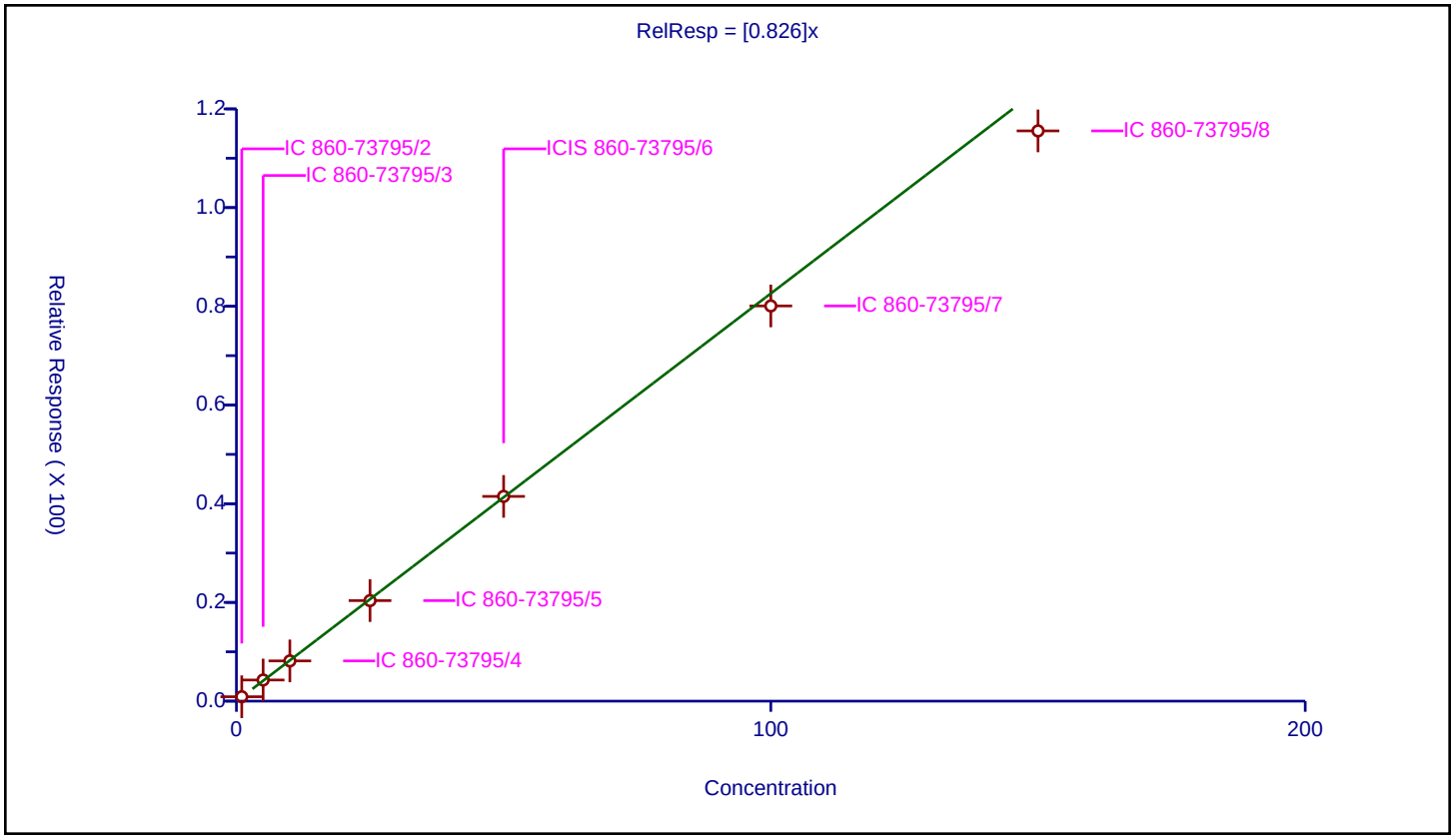
Curve Coefficients

Intercept:	0
Slope:	0.826

Error Coefficients

Standard Error:	135000
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 860-73795/2	1.0	0.894928	50.0	104757.0	0.894928	Y
2	IC 860-73795/3	5.0	4.281765	50.0	107082.0	0.856353	Y
3	IC 860-73795/4	10.0	8.15072	50.0	106555.0	0.815072	Y
4	IC 860-73795/5	25.0	20.367717	50.0	106767.0	0.814709	Y
5	ICIS 860-73795/6	50.0	41.483173	50.0	108814.0	0.829663	Y
6	IC 860-73795/7	100.0	80.078118	50.0	108810.0	0.800781	Y
7	IC 860-73795/8	150.0	115.544356	50.0	112803.0	0.770296	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

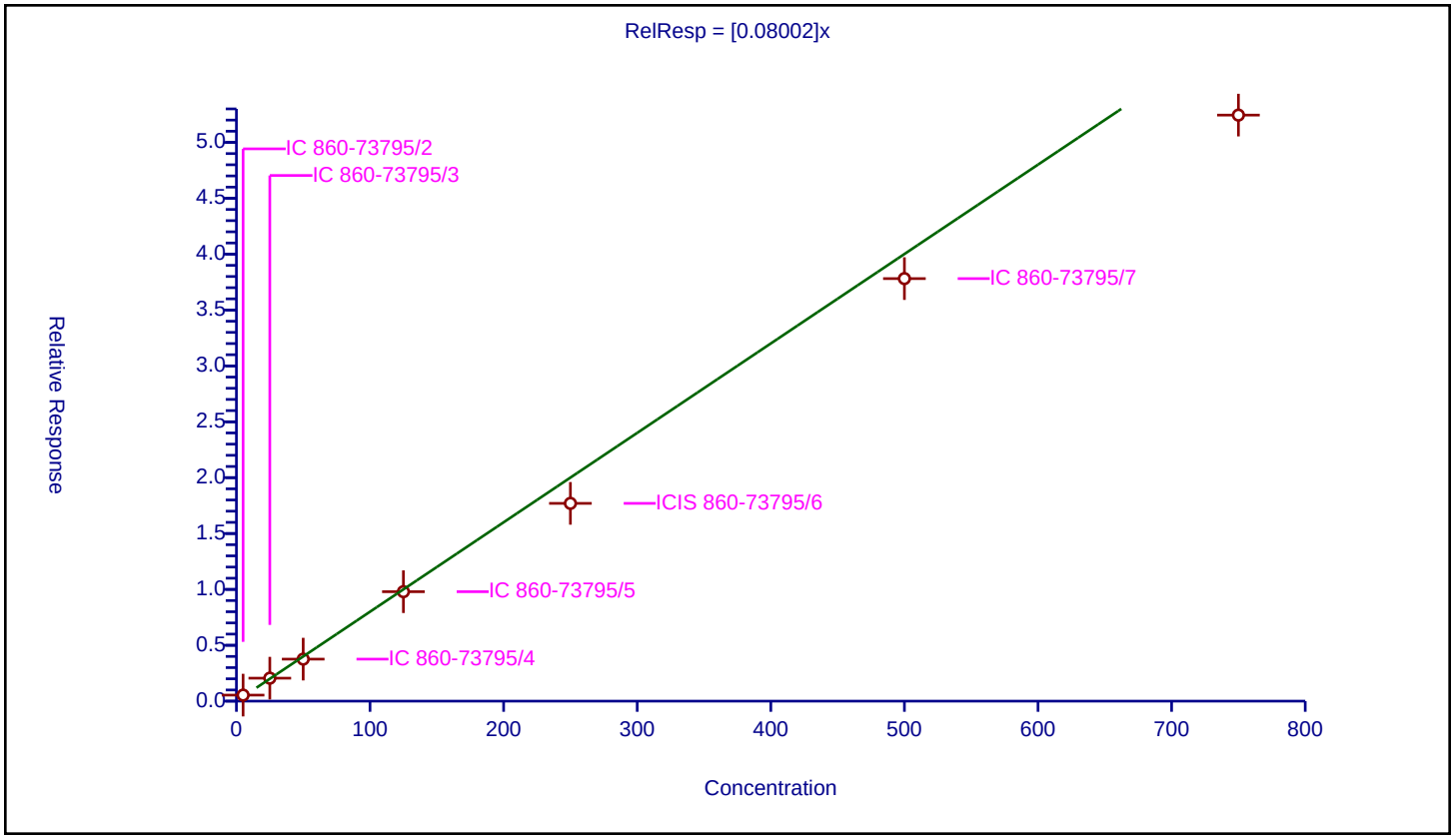
Curve Coefficients

Intercept:	0
Slope:	0.08002

Error Coefficients

Standard Error:	61600
Relative Standard Error:	16.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.963

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73795/2	5.0	0.539821	50.0	104757.0	0.107964	Y
2	IC 860-73795/3	25.0	2.056835	50.0	107082.0	0.082273	Y
3	IC 860-73795/4	50.0	3.76003	50.0	106555.0	0.075201	Y
4	IC 860-73795/5	125.0	9.794225	50.0	106767.0	0.078354	Y
5	ICIS 860-73795/6	250.0	17.697631	50.0	108814.0	0.070791	Y
6	IC 860-73795/7	500.0	37.812701	50.0	108810.0	0.075625	Y
7	IC 860-73795/8	750.0	52.44497	50.0	112803.0	0.069927	Y



Calibration / Propionitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

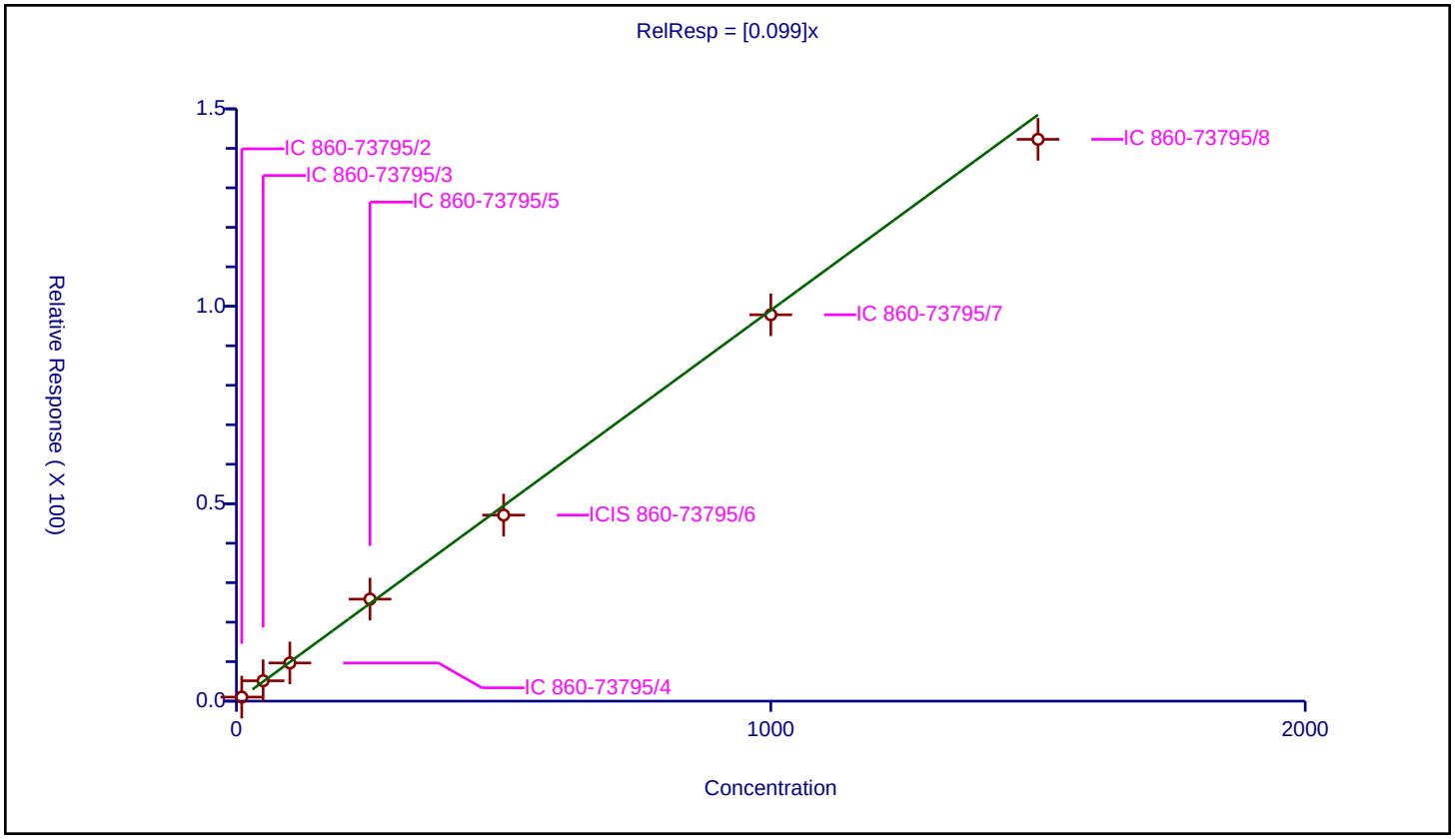
Curve Coefficients

Intercept:	0
Slope:	0.099

Error Coefficients

Standard Error:	164000
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 860-73795/2	10.0	1.027139	50.0	104757.0	0.102714	Y
2	IC 860-73795/3	50.0	5.162399	50.0	107082.0	0.103248	Y
3	IC 860-73795/4	100.0	9.673408	50.0	106555.0	0.096734	Y
4	IC 860-73795/5	250.0	25.839913	50.0	106767.0	0.10336	Y
5	ICIS 860-73795/6	500.0	47.12491	50.0	108814.0	0.09425	Y
6	IC 860-73795/7	1000.0	97.857734	50.0	108810.0	0.097858	Y
7	IC 860-73795/8	1500.0	142.286553	50.0	112803.0	0.094858	Y



Calibration / Ethyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

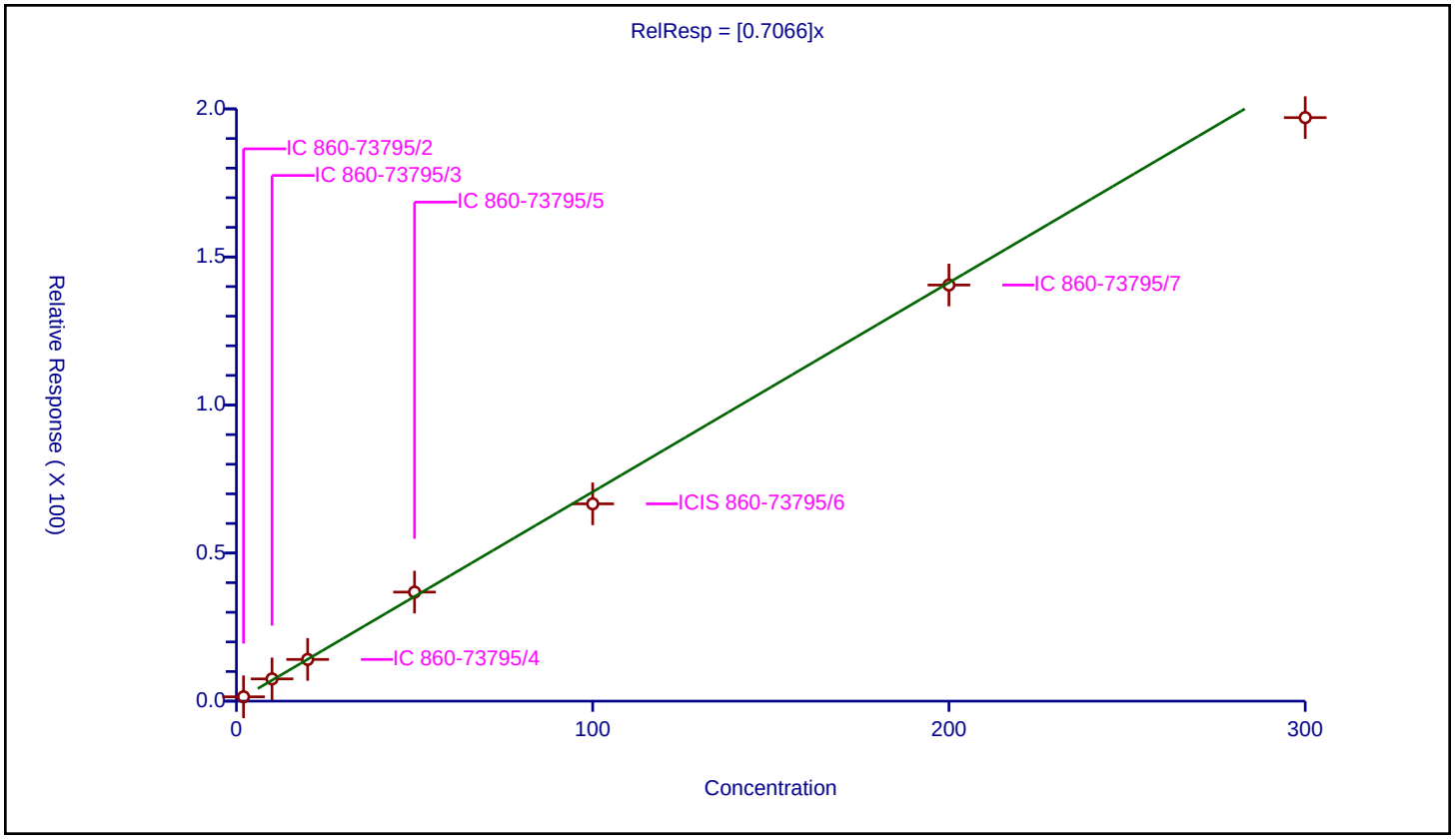
Curve Coefficients

Intercept:	0
Slope:	0.7066

Error Coefficients

Standard Error:	231000
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 860-73795/2	2.0	1.458136	50.0	104757.0	0.729068	Y
2	IC 860-73795/3	10.0	7.512	50.0	107082.0	0.7512	Y
3	IC 860-73795/4	20.0	14.078176	50.0	106555.0	0.703909	Y
4	IC 860-73795/5	50.0	36.8302	50.0	106767.0	0.736604	Y
5	ICIS 860-73795/6	100.0	66.626537	50.0	108814.0	0.666265	Y
6	IC 860-73795/7	200.0	140.523389	50.0	108810.0	0.702617	Y
7	IC 860-73795/8	300.0	197.046621	50.0	112803.0	0.656822	Y



Calibration / Chlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

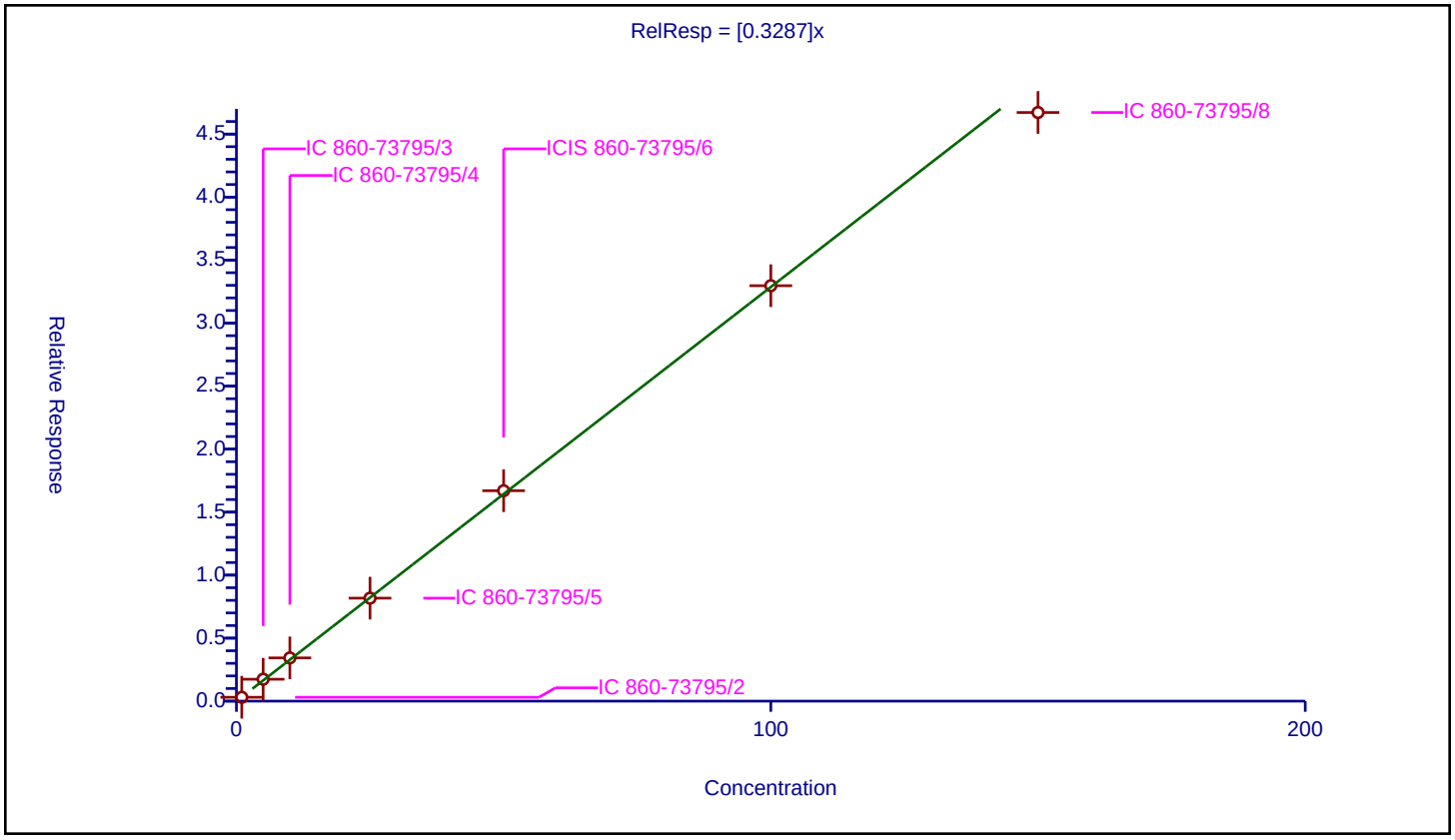
Curve Coefficients

Intercept:	0
Slope:	0.3287

Error Coefficients

Standard Error:	54700
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 860-73795/2	1.0	0.307855	50.0	104757.0	0.307855	Y
2	IC 860-73795/3	5.0	1.738387	50.0	107082.0	0.347677	Y
3	IC 860-73795/4	10.0	3.431092	50.0	106555.0	0.343109	Y
4	IC 860-73795/5	25.0	8.173406	50.0	106767.0	0.326936	Y
5	ICIS 860-73795/6	50.0	16.698219	50.0	108814.0	0.333964	Y
6	IC 860-73795/7	100.0	32.970315	50.0	108810.0	0.329703	Y
7	IC 860-73795/8	150.0	46.71507	50.0	112803.0	0.311434	Y



Calibration / Methacrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

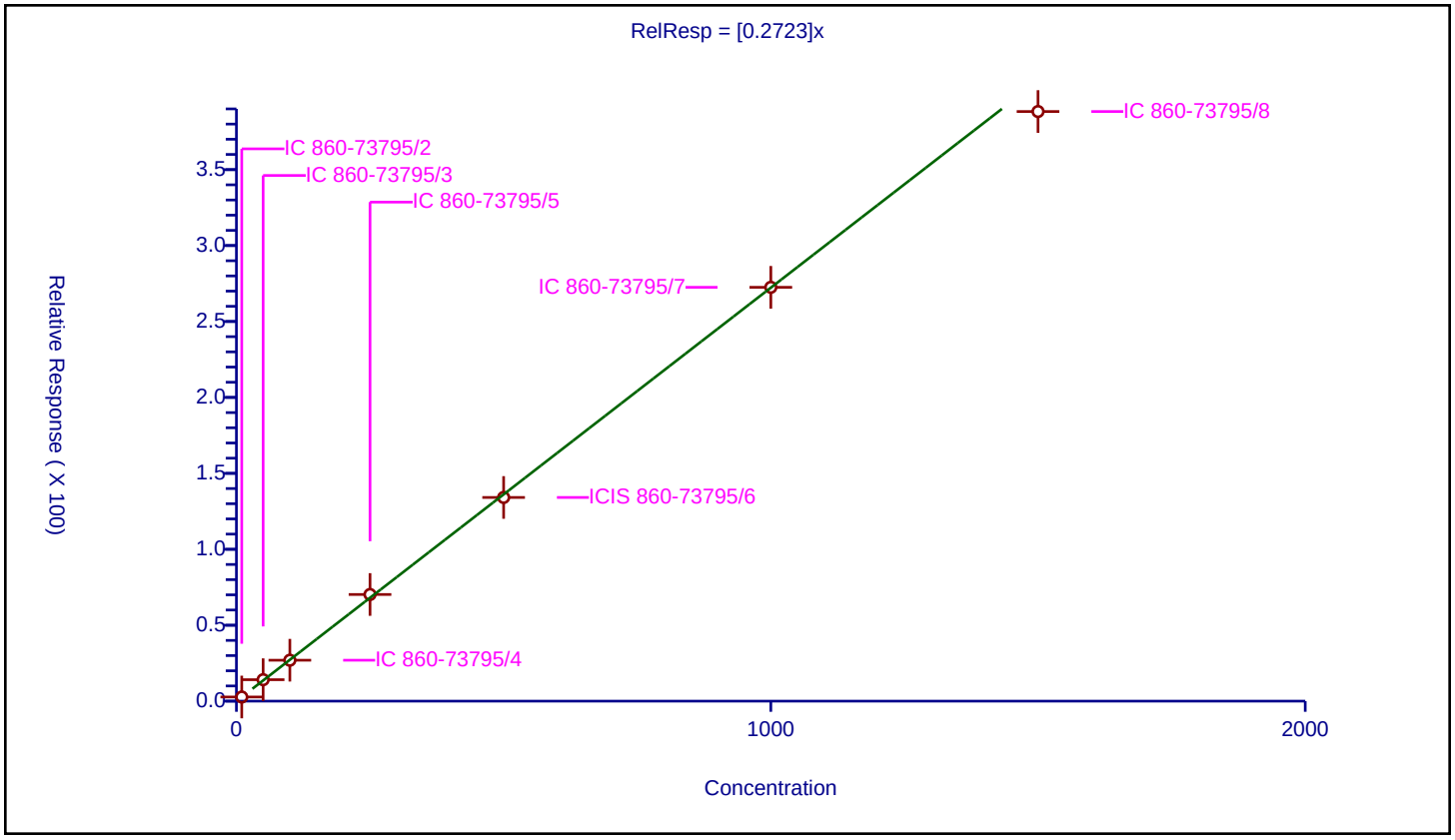
Curve Coefficients

Intercept:	0
Slope:	0.2723

Error Coefficients

Standard Error:	453000
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 860-73795/2	10.0	2.733946	50.0	104757.0	0.273395	Y
2	IC 860-73795/3	50.0	14.121888	50.0	107082.0	0.282438	Y
3	IC 860-73795/4	100.0	26.94477	50.0	106555.0	0.269448	Y
4	IC 860-73795/5	250.0	70.23097	50.0	106767.0	0.280924	Y
5	ICIS 860-73795/6	500.0	134.121988	50.0	108814.0	0.268244	Y
6	IC 860-73795/7	1000.0	272.502987	50.0	108810.0	0.272503	Y
7	IC 860-73795/8	1500.0	388.265826	50.0	112803.0	0.258844	Y



Calibration / Tetrahydrofuran

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

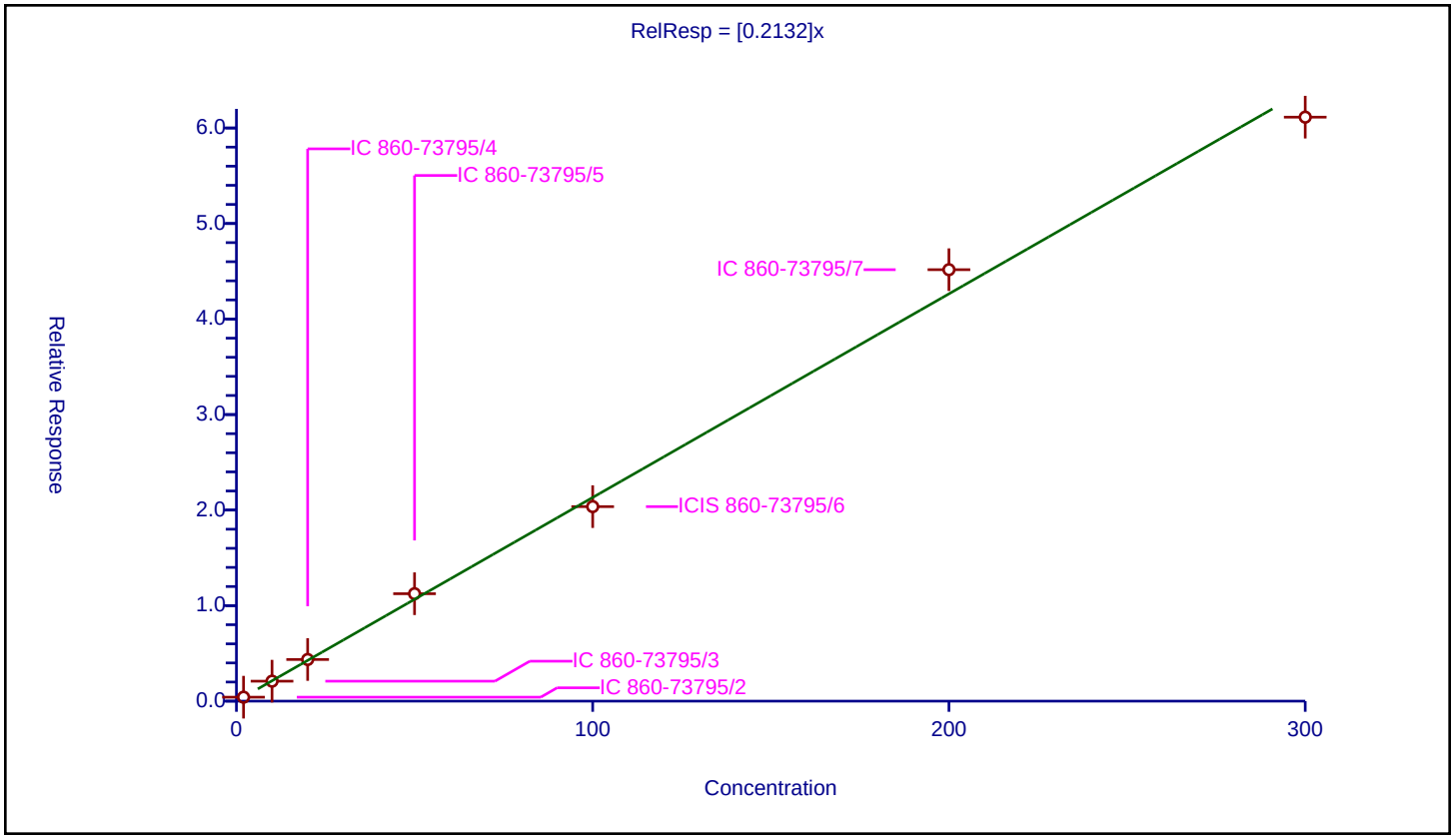
Curve Coefficients

Intercept:	0
Slope:	0.2132

Error Coefficients

Standard Error:	72200
Relative Standard Error:	4.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73795/2	2.0	0.414292	50.0	104757.0	0.207146	Y
2	IC 860-73795/3	10.0	2.090921	50.0	107082.0	0.209092	Y
3	IC 860-73795/4	20.0	4.359251	50.0	106555.0	0.217963	Y
4	IC 860-73795/5	50.0	11.246453	50.0	106767.0	0.224929	Y
5	ICIS 860-73795/6	100.0	20.363189	50.0	108814.0	0.203632	Y
6	IC 860-73795/7	200.0	45.166345	50.0	108810.0	0.225832	Y
7	IC 860-73795/8	300.0	61.136229	50.0	112803.0	0.203787	Y



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

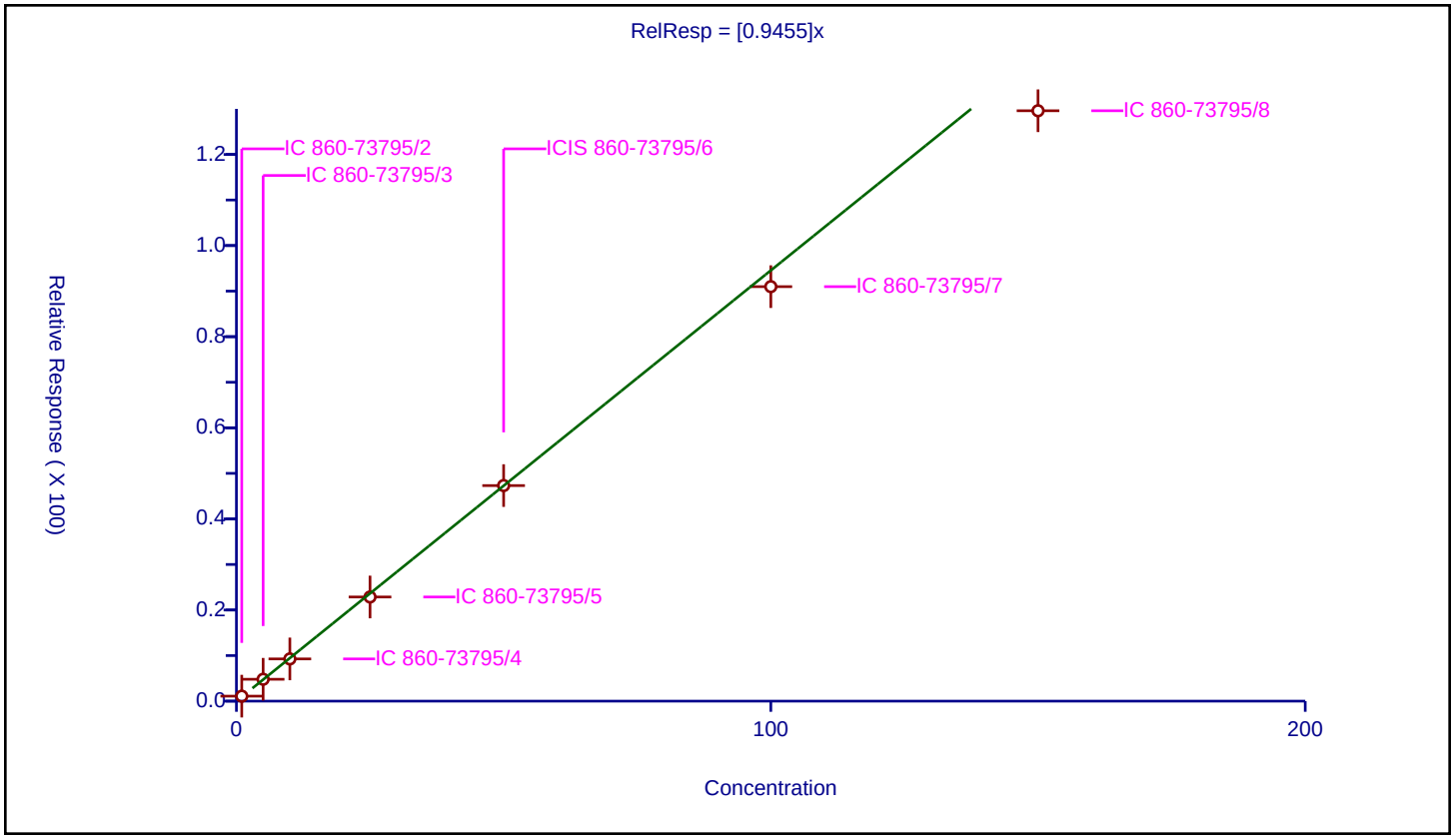
Curve Coefficients

Intercept:	0
Slope:	0.9455

Error Coefficients

Standard Error:	152000
Relative Standard Error:	7.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73795/2	1.0	1.096824	50.0	104757.0	1.096824	Y
2	IC 860-73795/3	5.0	4.800994	50.0	107082.0	0.960199	Y
3	IC 860-73795/4	10.0	9.266576	50.0	106555.0	0.926658	Y
4	IC 860-73795/5	25.0	22.86287	50.0	106767.0	0.914515	Y
5	ICIS 860-73795/6	50.0	47.316062	50.0	108814.0	0.946321	Y
6	IC 860-73795/7	100.0	90.981527	50.0	108810.0	0.909815	Y
7	IC 860-73795/8	150.0	129.588752	50.0	112803.0	0.863925	Y



Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

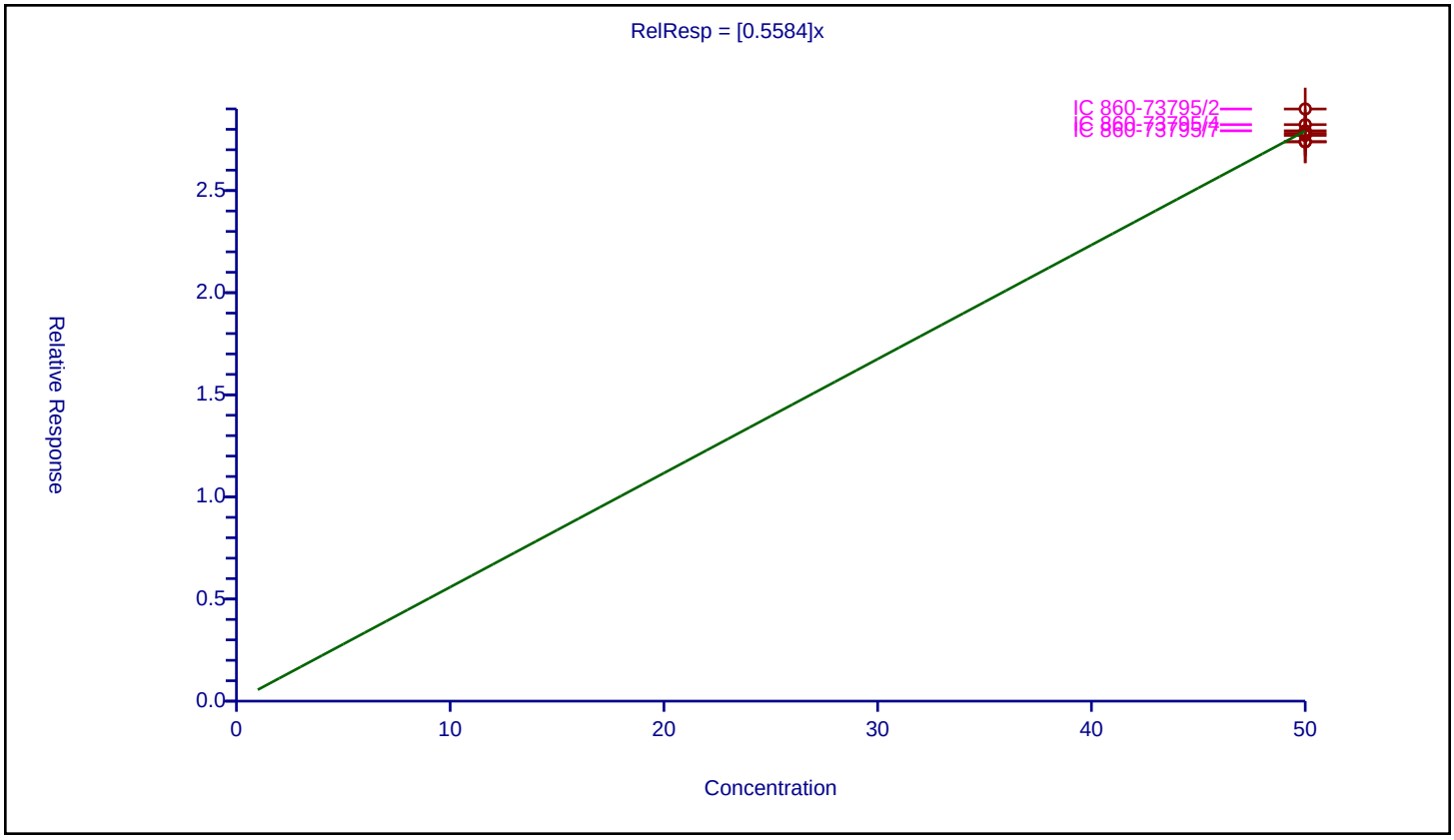
Curve Coefficients

Intercept:	0
Slope:	0.5584

Error Coefficients

Standard Error:	65100
Relative Standard Error:	2.0
Correlation Coefficient:	0.00000000000000000000
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73795/2	50.0	28.994244	50.0	104757.0	0.579885	Y
2	IC 860-73795/3	50.0	27.803459	50.0	107082.0	0.556069	Y
3	IC 860-73795/4	50.0	28.229084	50.0	106555.0	0.564582	Y
4	IC 860-73795/5	50.0	27.702848	50.0	106767.0	0.554057	Y
5	ICIS 860-73795/6	50.0	27.392615	50.0	108814.0	0.547852	Y
6	IC 860-73795/7	50.0	27.92758	50.0	108810.0	0.558552	Y
7	IC 860-73795/8	50.0	27.389342	50.0	112803.0	0.547787	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

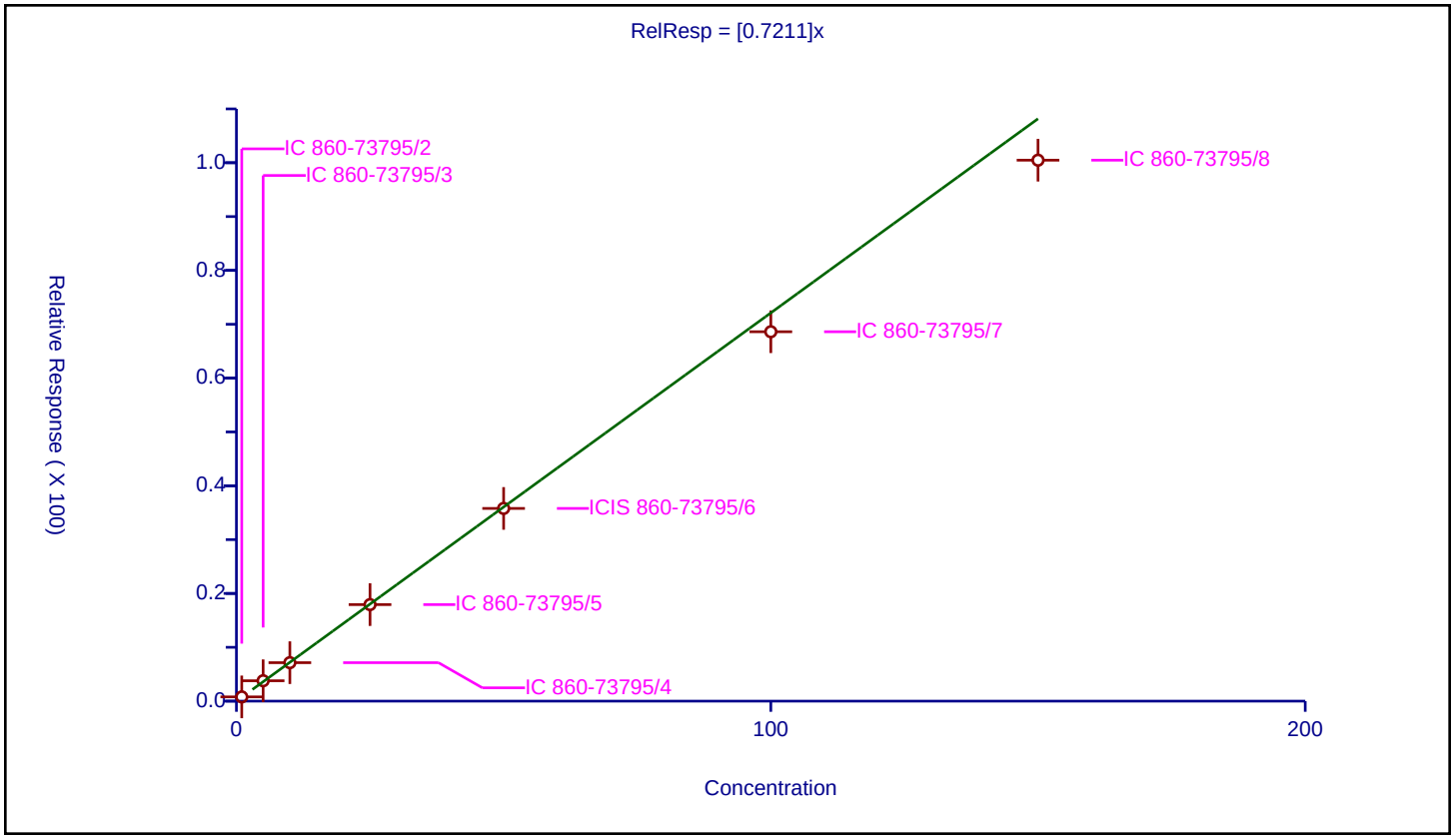
Curve Coefficients

Intercept:	0
Slope:	0.7211

Error Coefficients

Standard Error:	116000
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 860-73795/2	1.0	0.786582	50.0	104757.0	0.786582	Y
2	IC 860-73795/3	5.0	3.787285	50.0	107082.0	0.757457	Y
3	IC 860-73795/4	10.0	7.147952	50.0	106555.0	0.714795	Y
4	IC 860-73795/5	25.0	17.932039	50.0	106767.0	0.717282	Y
5	ICIS 860-73795/6	50.0	35.79181	50.0	108814.0	0.715836	Y
6	IC 860-73795/7	100.0	68.61226	50.0	108810.0	0.686123	Y
7	IC 860-73795/8	150.0	100.473835	50.0	112803.0	0.669826	Y



Calibration / Cyclohexane

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

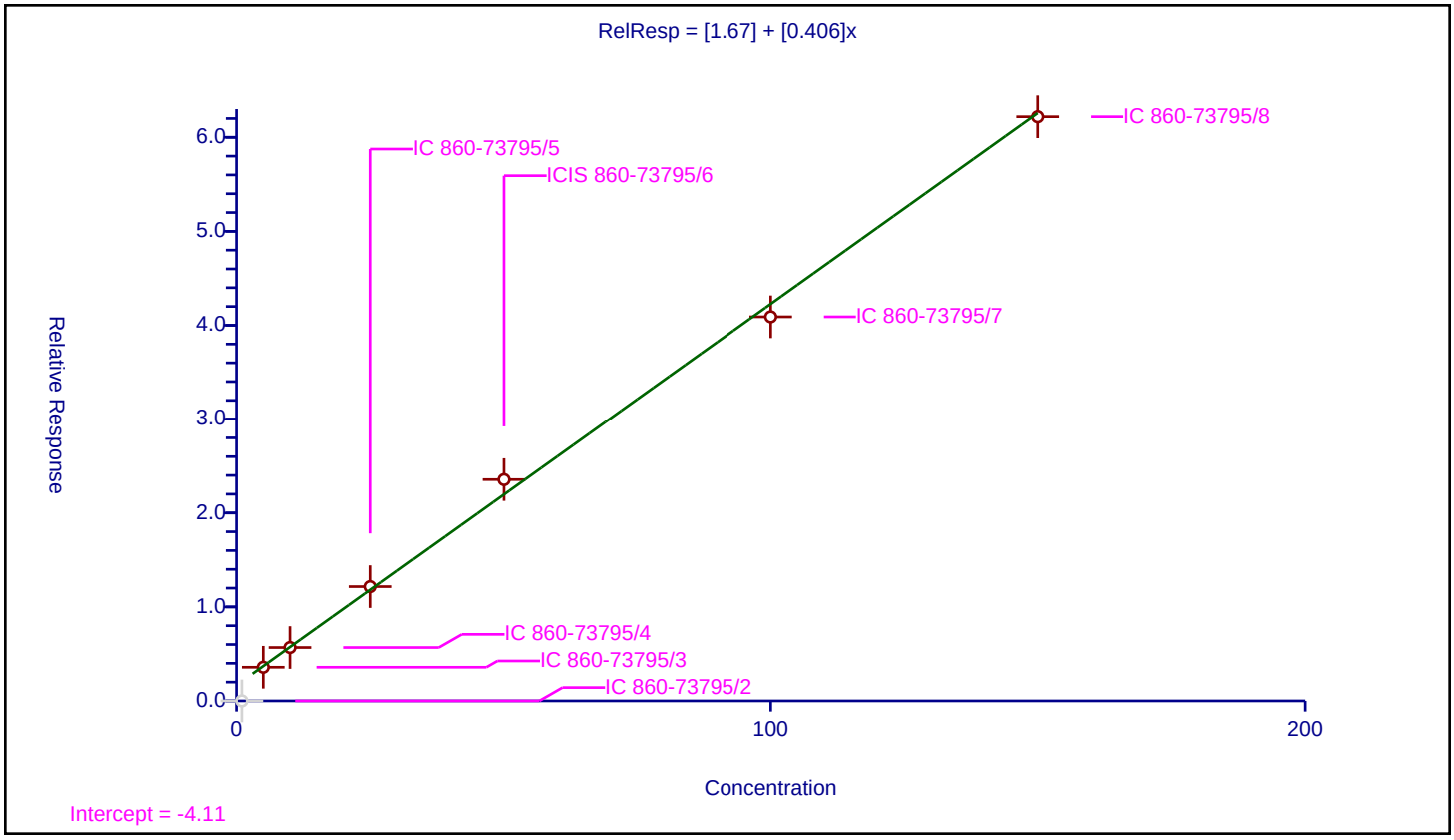
Curve Coefficients

Intercept:	1.67
Slope:	0.406

Error Coefficients

Standard Error:	88200
Relative Standard Error:	5.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73795/2	1.0	0.0	50.0	104757.0	0.0	N
2	IC 860-73795/3	5.0	3.580434	50.0	107082.0	0.716087	Y
3	IC 860-73795/4	10.0	5.679227	50.0	106555.0	0.567923	Y
4	IC 860-73795/5	25.0	12.161061	50.0	106767.0	0.486442	Y
5	ICIS 860-73795/6	50.0	23.555333	50.0	108814.0	0.471107	Y
6	IC 860-73795/7	100.0	40.901112	50.0	108810.0	0.409011	Y
7	IC 860-73795/8	150.0	62.186733	50.0	112803.0	0.414578	Y



Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

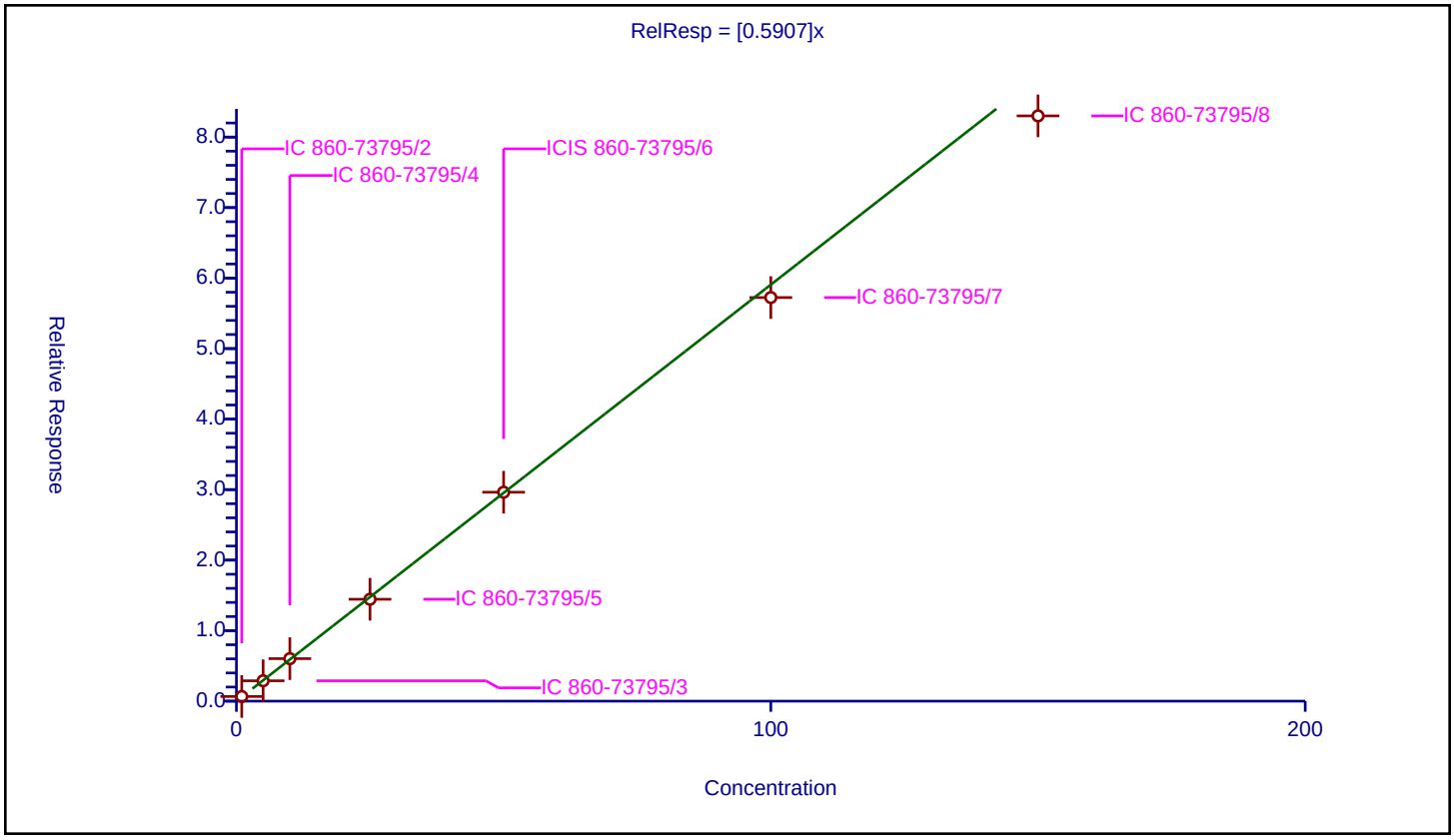
Curve Coefficients

Intercept:	0
Slope:	0.5907

Error Coefficients

Standard Error:	96500
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 860-73795/2	1.0	0.65819	50.0	104757.0	0.65819	Y
2	IC 860-73795/3	5.0	2.88704	50.0	107082.0	0.577408	Y
3	IC 860-73795/4	10.0	6.026934	50.0	106555.0	0.602693	Y
4	IC 860-73795/5	25.0	14.450626	50.0	106767.0	0.578025	Y
5	ICIS 860-73795/6	50.0	29.633135	50.0	108814.0	0.592663	Y
6	IC 860-73795/7	100.0	57.245198	50.0	108810.0	0.572452	Y
7	IC 860-73795/8	150.0	83.005771	50.0	112803.0	0.553372	Y



Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

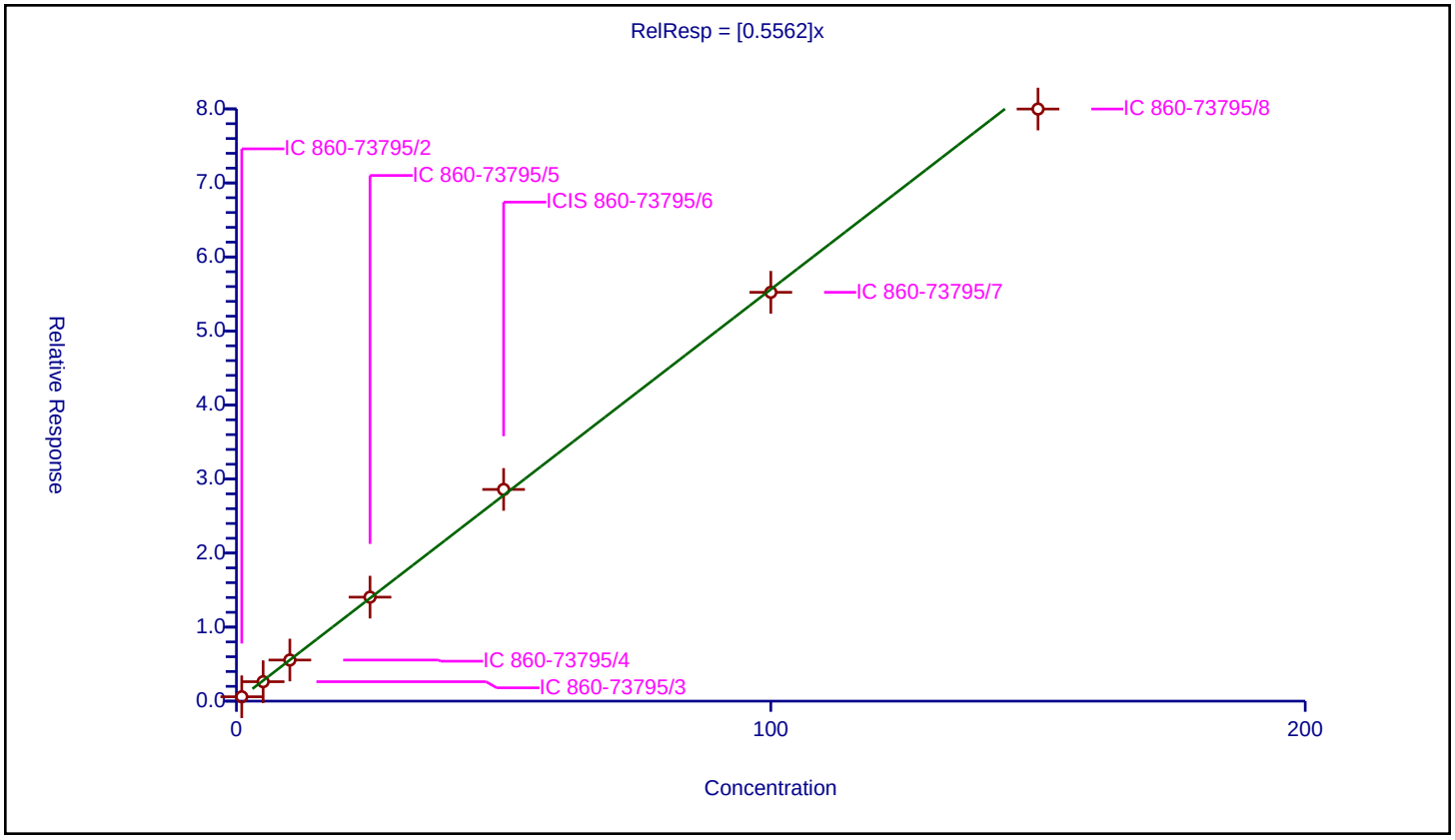
Curve Coefficients

Intercept:	0
Slope:	0.5562

Error Coefficients

Standard Error:	93000
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 860-73795/2	1.0	0.5928	50.0	104757.0	0.5928	Y
2	IC 860-73795/3	5.0	2.62976	50.0	107082.0	0.525952	Y
3	IC 860-73795/4	10.0	5.55347	50.0	106555.0	0.555347	Y
4	IC 860-73795/5	25.0	14.048817	50.0	106767.0	0.561953	Y
5	ICIS 860-73795/6	50.0	28.596045	50.0	108814.0	0.571921	Y
6	IC 860-73795/7	100.0	55.226082	50.0	108810.0	0.552261	Y
7	IC 860-73795/8	150.0	79.981915	50.0	112803.0	0.533213	Y



Calibration / Isobutyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

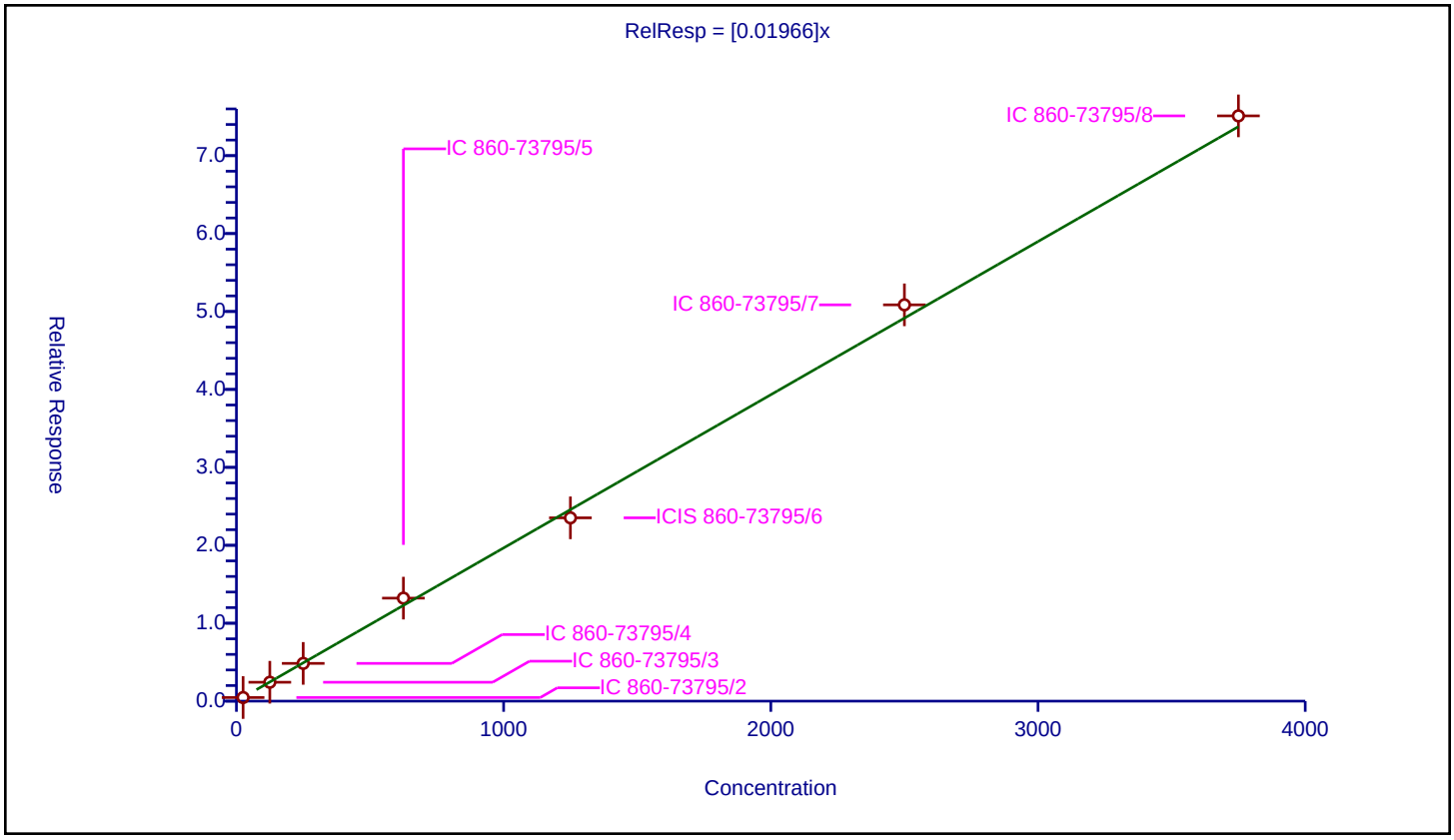
Curve Coefficients

Intercept:	0
Slope:	0.01966

Error Coefficients

Standard Error:	141000
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 860-73795/2	25.0	0.462802	50.0	175993.0	0.018512	Y
2	IC 860-73795/3	125.0	2.423981	50.0	173640.0	0.019392	Y
3	IC 860-73795/4	250.0	4.844606	50.0	178353.0	0.019378	Y
4	IC 860-73795/5	625.0	13.218608	50.0	174939.0	0.02115	Y
5	ICIS 860-73795/6	1250.0	23.522342	50.0	179710.0	0.018818	Y
6	IC 860-73795/7	2500.0	50.855432	50.0	180552.0	0.020342	Y
7	IC 860-73795/8	3750.0	75.10306	50.0	183388.0	0.020027	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

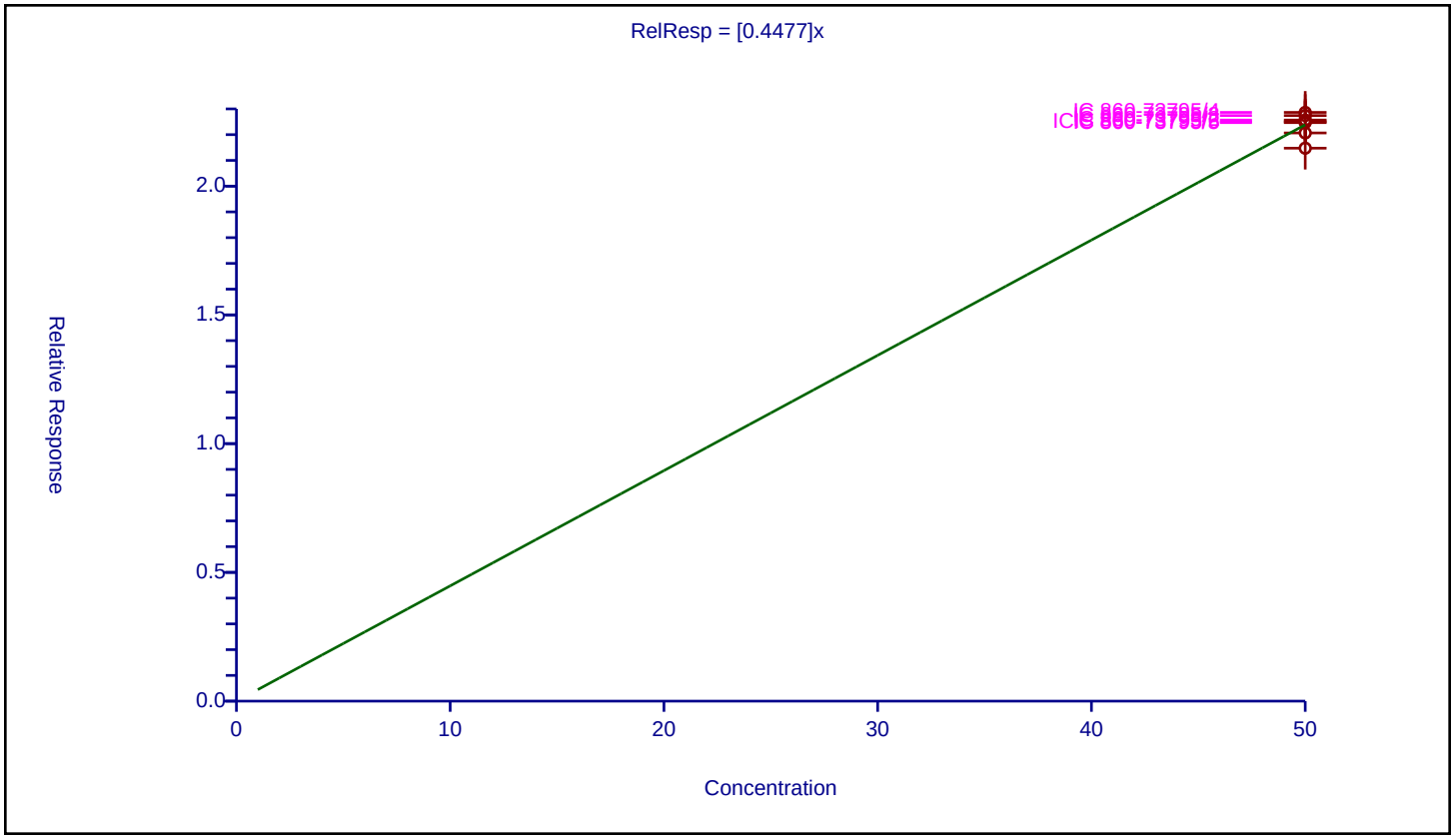
Curve Coefficients

Intercept:	0
Slope:	0.4477

Error Coefficients

Standard Error:	86100
Relative Standard Error:	2.1
Correlation Coefficient:	0.00000000000000000000
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73795/2	50.0	22.566523	50.0	175993.0	0.45133	Y
2	IC 860-73795/3	50.0	22.739864	50.0	173640.0	0.454797	Y
3	IC 860-73795/4	50.0	22.863927	50.0	178353.0	0.457279	Y
4	IC 860-73795/5	50.0	22.465831	50.0	174939.0	0.449317	Y
5	ICIS 860-73795/6	50.0	22.502921	50.0	179710.0	0.450058	Y
6	IC 860-73795/7	50.0	21.474146	50.0	180552.0	0.429483	Y
7	IC 860-73795/8	50.0	22.065784	50.0	183388.0	0.441316	Y



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

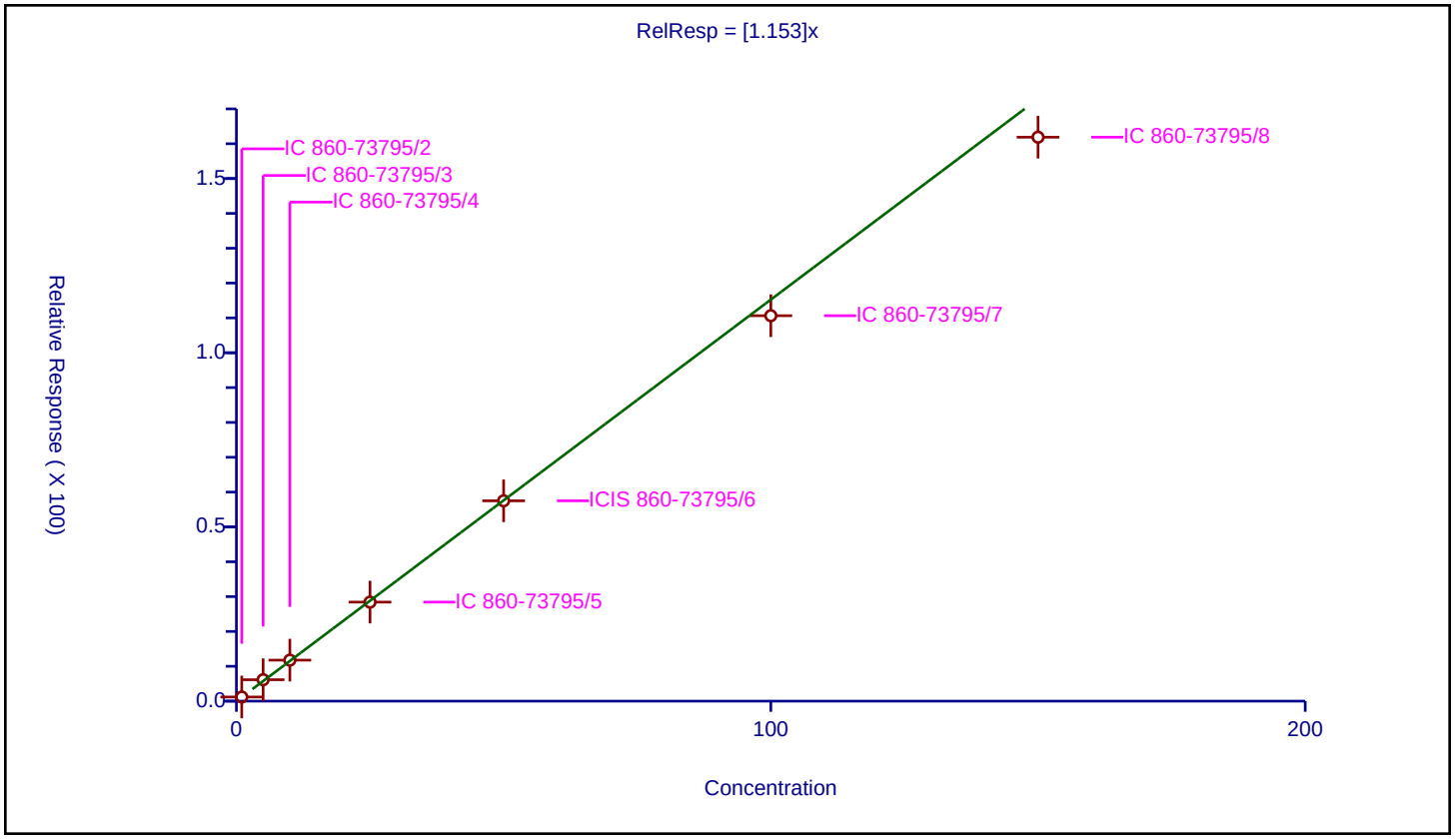
Curve Coefficients

Intercept:	0
Slope:	1.153

Error Coefficients

Standard Error:	307000
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 860-73795/2	1.0	1.187831	50.0	175993.0	1.187831	Y
2	IC 860-73795/3	5.0	6.15152	50.0	173640.0	1.230304	Y
3	IC 860-73795/4	10.0	11.769076	50.0	178353.0	1.176908	Y
4	IC 860-73795/5	25.0	28.42648	50.0	174939.0	1.137059	Y
5	ICIS 860-73795/6	50.0	57.502365	50.0	179710.0	1.150047	Y
6	IC 860-73795/7	100.0	110.637933	50.0	180552.0	1.106379	Y
7	IC 860-73795/8	150.0	161.874277	50.0	183388.0	1.079162	Y



Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

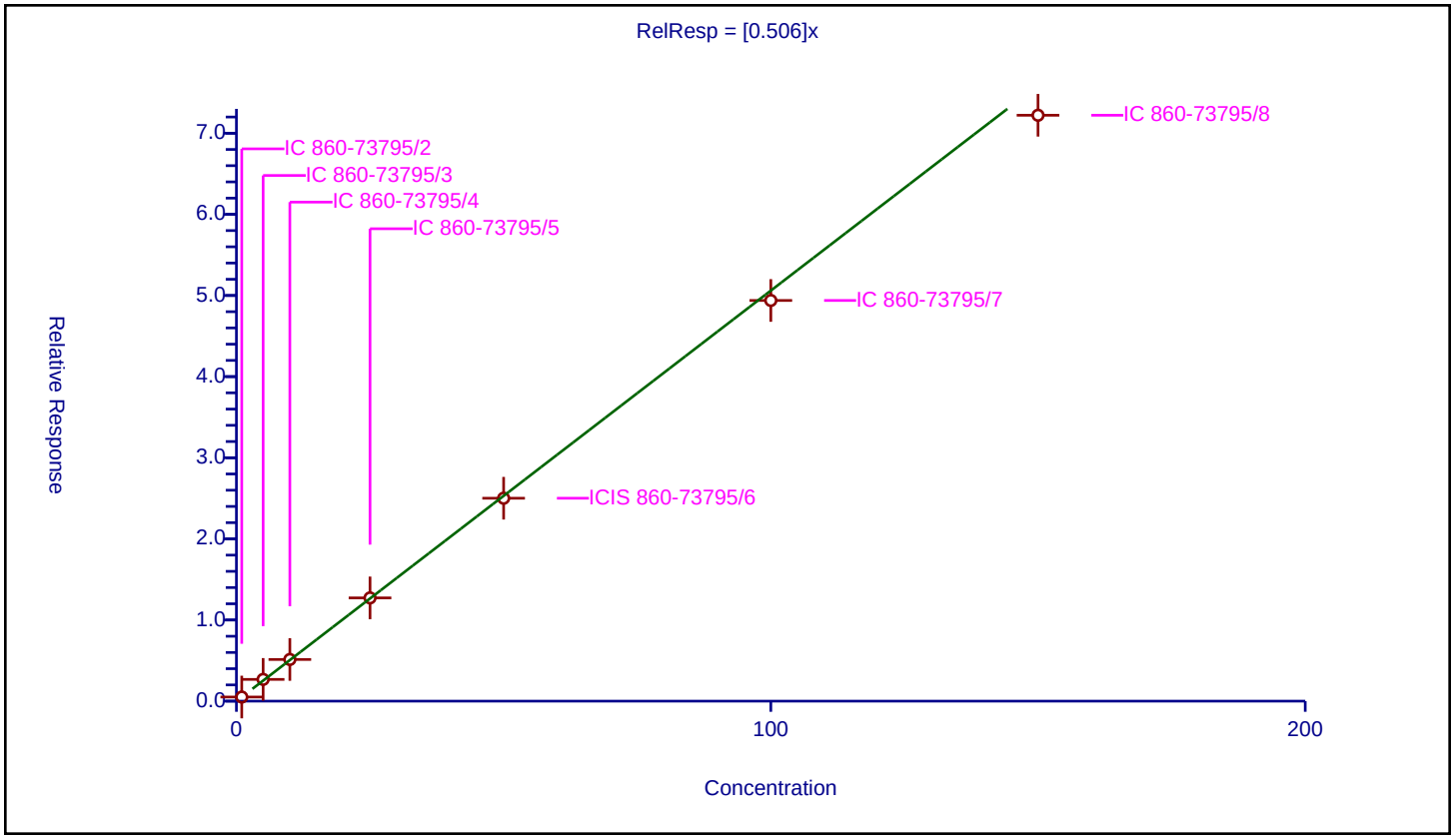
Curve Coefficients

Intercept:	0
Slope:	0.506

Error Coefficients

Standard Error:	137000
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 860-73795/2	1.0	0.507691	50.0	175993.0	0.507691	Y
2	IC 860-73795/3	5.0	2.681122	50.0	173640.0	0.536224	Y
3	IC 860-73795/4	10.0	5.135322	50.0	178353.0	0.513532	Y
4	IC 860-73795/5	25.0	12.72615	50.0	174939.0	0.509046	Y
5	ICIS 860-73795/6	50.0	25.011685	50.0	179710.0	0.500234	Y
6	IC 860-73795/7	100.0	49.387434	50.0	180552.0	0.493874	Y
7	IC 860-73795/8	150.0	72.214103	50.0	183388.0	0.481427	Y



Calibration / Isooctane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

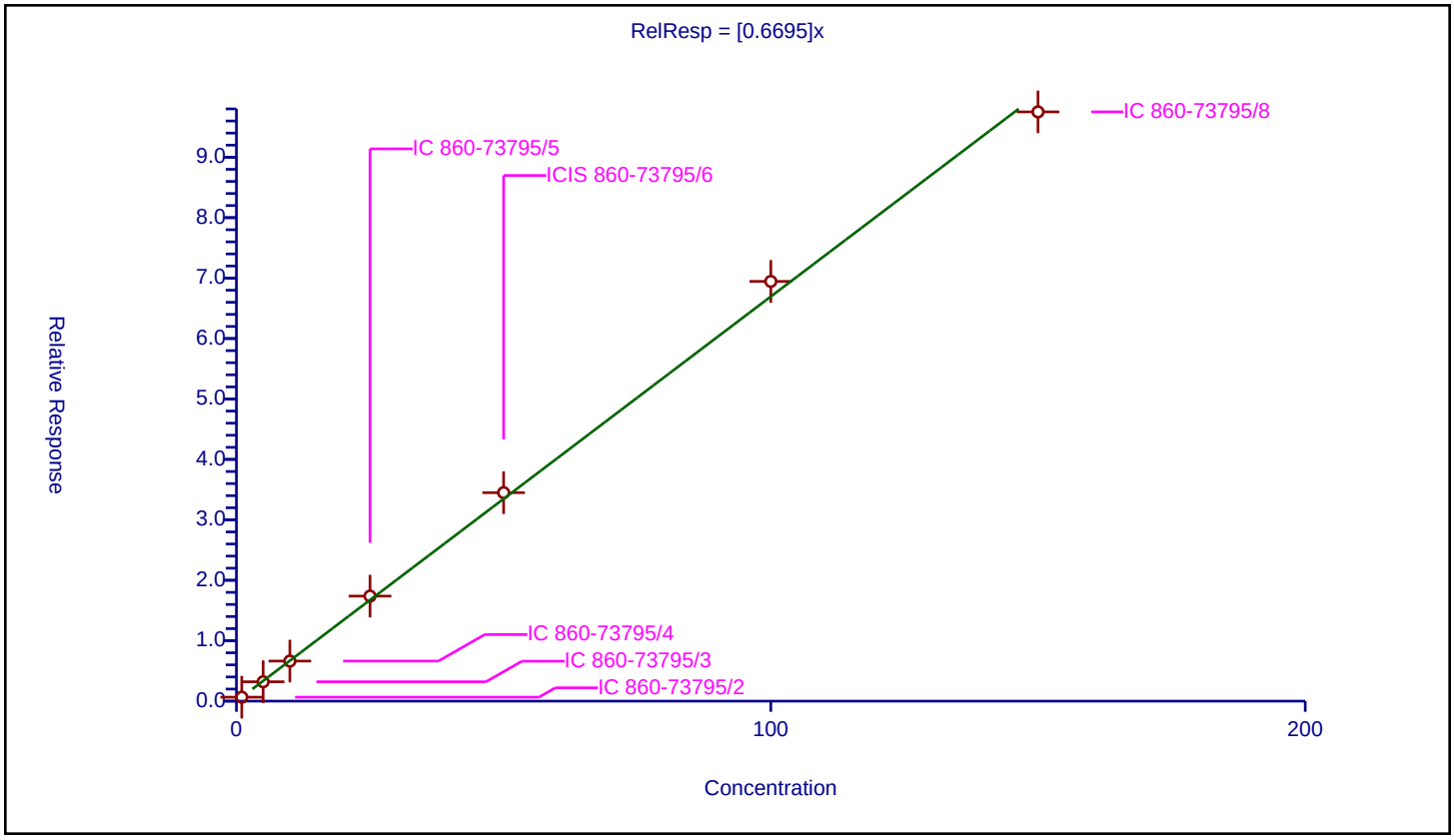
Curve Coefficients

Intercept:	0
Slope:	0.6695

Error Coefficients

Standard Error:	187000
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 860-73795/2	1.0	0.652583	50.0	175993.0	0.652583	Y
2	IC 860-73795/3	5.0	3.205483	50.0	173640.0	0.641097	Y
3	IC 860-73795/4	10.0	6.630671	50.0	178353.0	0.663067	Y
4	IC 860-73795/5	25.0	17.380058	50.0	174939.0	0.695202	Y
5	ICIS 860-73795/6	50.0	34.498358	50.0	179710.0	0.689967	Y
6	IC 860-73795/7	100.0	69.456168	50.0	180552.0	0.694562	Y
7	IC 860-73795/8	150.0	97.508016	50.0	183388.0	0.650053	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

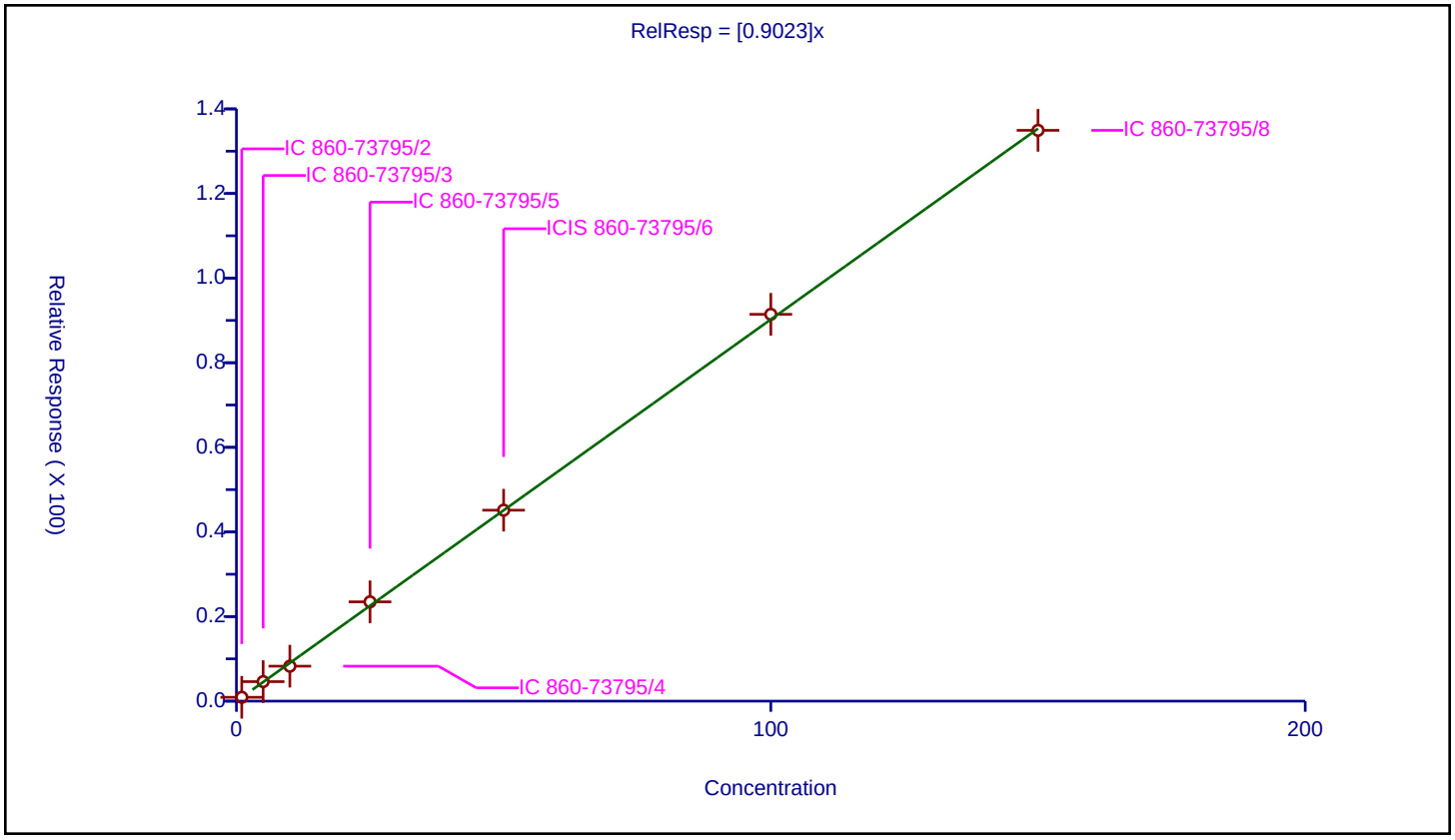
Curve Coefficients

Intercept:	0
Slope:	0.9023

Error Coefficients

Standard Error:	254000
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 860-73795/2	1.0	0.910548	50.0	175993.0	0.910548	Y
2	IC 860-73795/3	5.0	4.61472	50.0	173640.0	0.922944	Y
3	IC 860-73795/4	10.0	8.265911	50.0	178353.0	0.826591	Y
4	IC 860-73795/5	25.0	23.473611	50.0	174939.0	0.938944	Y
5	ICIS 860-73795/6	50.0	45.140226	50.0	179710.0	0.902805	Y
6	IC 860-73795/7	100.0	91.440416	50.0	180552.0	0.914404	Y
7	IC 860-73795/8	150.0	134.928676	50.0	183388.0	0.899525	Y



Calibration / n-Butanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

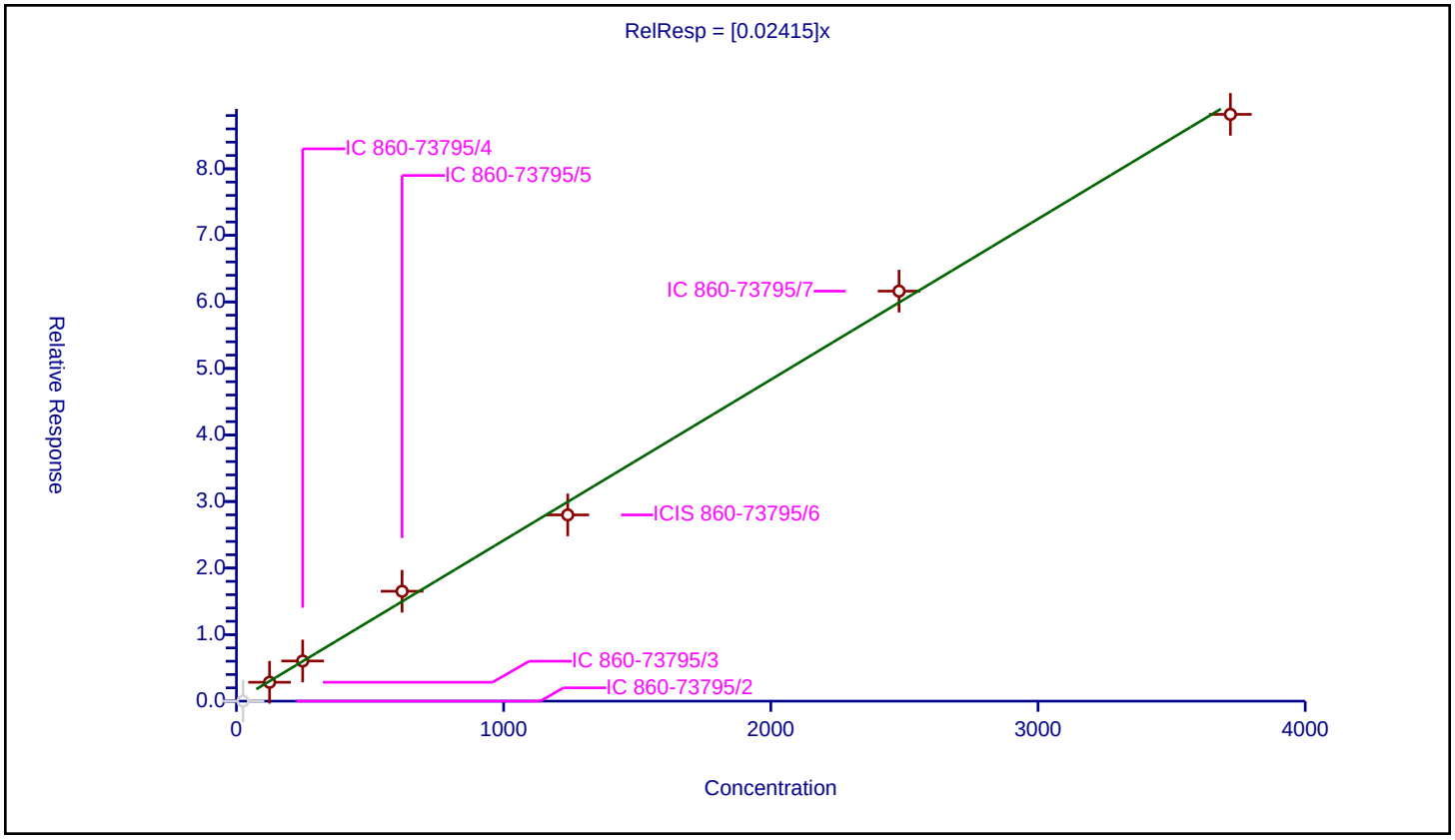
Curve Coefficients

Intercept:	0
Slope:	0.02415

Error Coefficients

Standard Error:	84800
Relative Standard Error:	6.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73795/2	24.8	0.0	50.0	66934.0	0.0	N
2	IC 860-73795/3	124.0	2.833985	50.0	70819.0	0.022855	Y
3	IC 860-73795/4	248.0	6.032692	50.0	70781.0	0.024325	Y
4	IC 860-73795/5	620.0	16.510743	50.0	73861.0	0.02663	Y
5	ICIS 860-73795/6	1240.0	27.985389	50.0	79529.0	0.022569	Y
6	IC 860-73795/7	2480.0	61.613942	50.0	80765.0	0.024844	Y
7	IC 860-73795/8	3720.0	88.177924	50.0	86846.0	0.023704	Y



Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

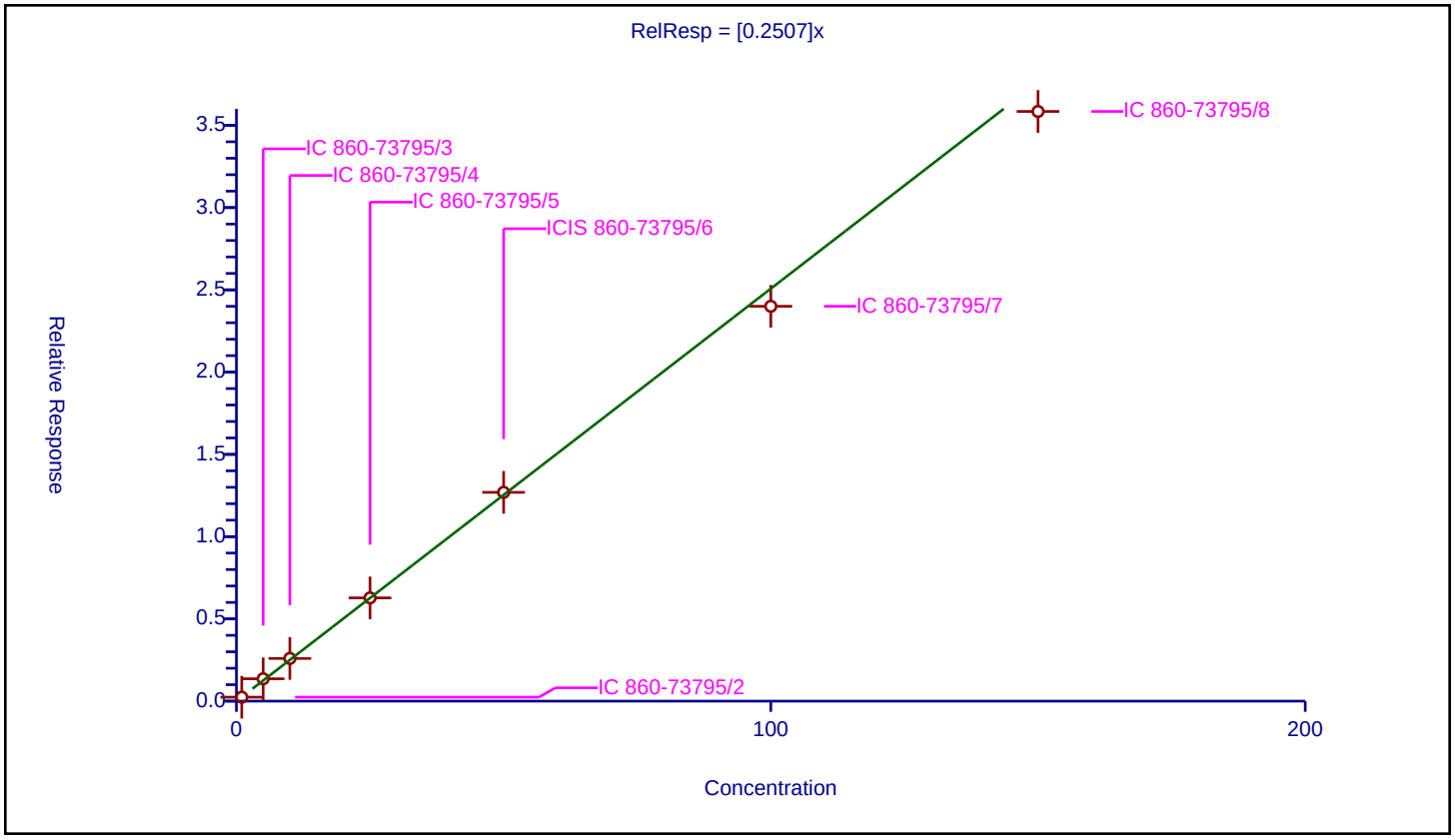
Curve Coefficients

Intercept:	0
Slope:	0.2507

Error Coefficients

Standard Error:	67600
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 860-73795/2	1.0	0.240066	50.0	175993.0	0.240066	Y
2	IC 860-73795/3	5.0	1.358846	50.0	173640.0	0.271769	Y
3	IC 860-73795/4	10.0	2.594854	50.0	178353.0	0.259485	Y
4	IC 860-73795/5	25.0	6.275902	50.0	174939.0	0.251036	Y
5	ICIS 860-73795/6	50.0	12.69128	50.0	179710.0	0.253826	Y
6	IC 860-73795/7	100.0	24.001119	50.0	180552.0	0.240011	Y
7	IC 860-73795/8	150.0	35.845039	50.0	183388.0	0.238967	Y



Calibration / Methylcyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

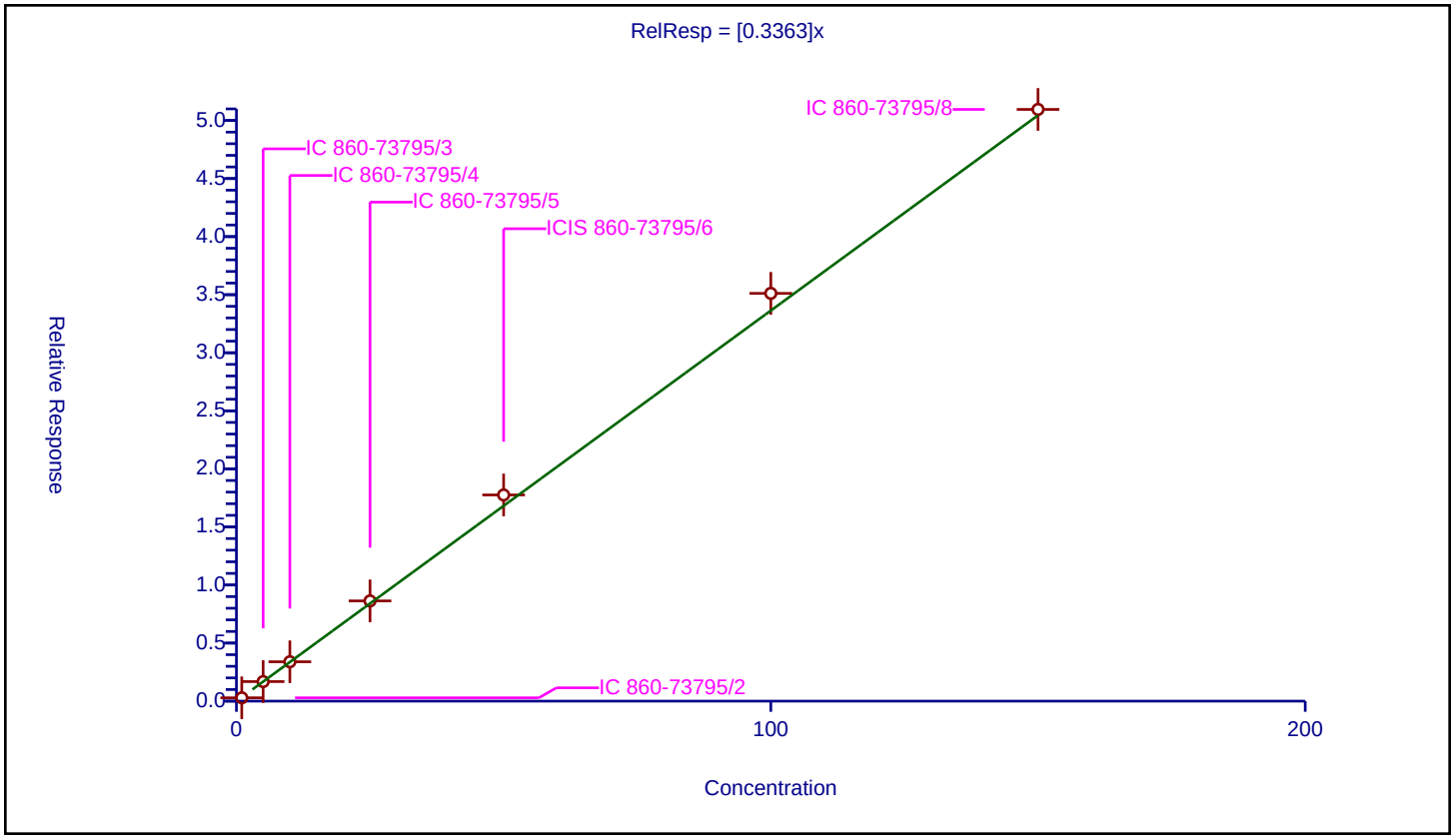
Curve Coefficients

Intercept:	0
Slope:	0.3363

Error Coefficients

Standard Error:	96700
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 860-73795/2	1.0	0.287227	50.0	175993.0	0.287227	Y
2	IC 860-73795/3	5.0	1.684232	50.0	173640.0	0.336846	Y
3	IC 860-73795/4	10.0	3.390187	50.0	178353.0	0.339019	Y
4	IC 860-73795/5	25.0	8.631294	50.0	174939.0	0.345252	Y
5	ICIS 860-73795/6	50.0	17.755829	50.0	179710.0	0.355117	Y
6	IC 860-73795/7	100.0	35.115368	50.0	180552.0	0.351154	Y
7	IC 860-73795/8	150.0	50.953716	50.0	183388.0	0.339691	Y



Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

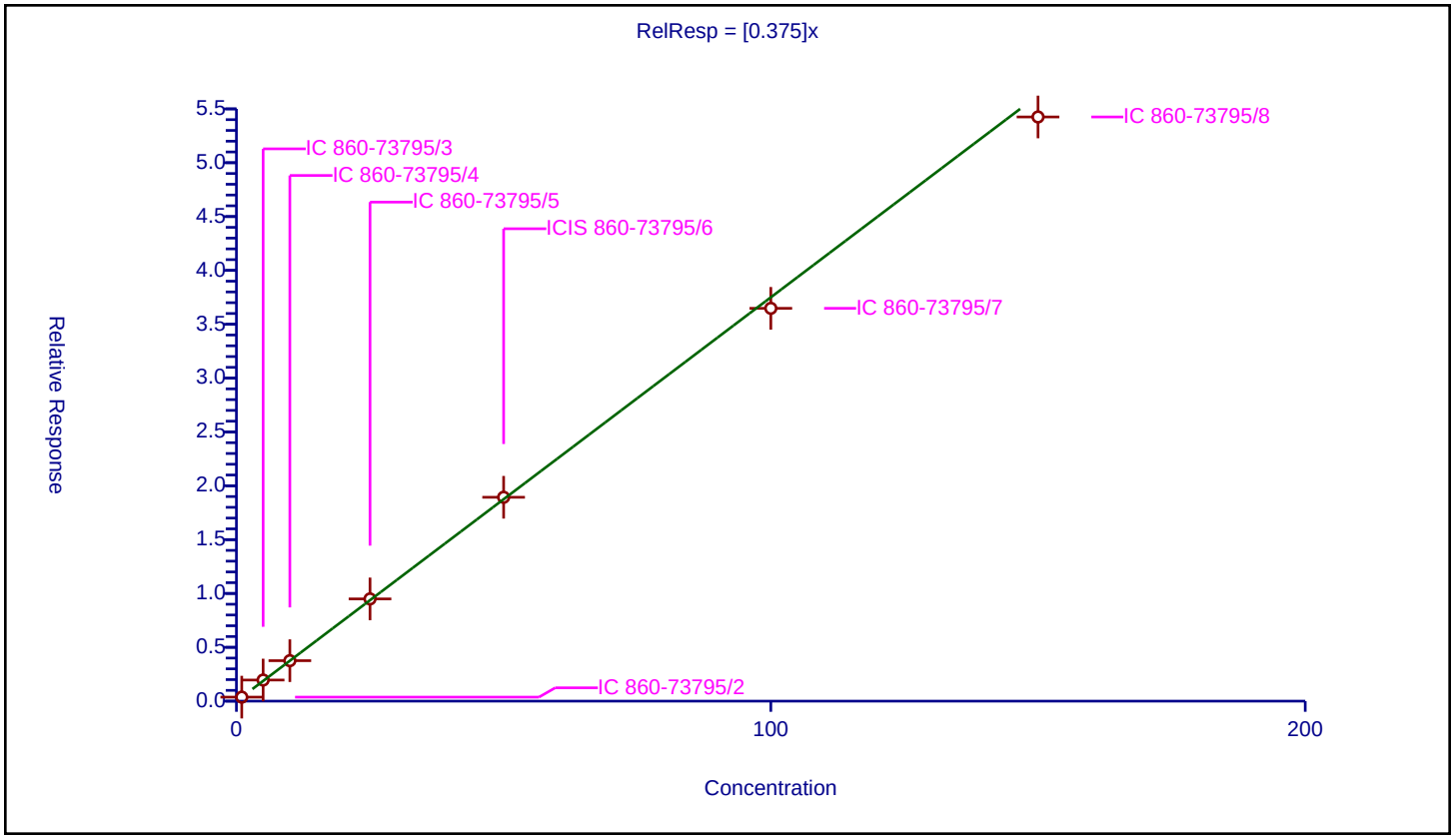
Curve Coefficients

Intercept:	0
Slope:	0.375

Error Coefficients

Standard Error:	102000
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 860-73795/2	1.0	0.372458	50.0	175993.0	0.372458	Y
2	IC 860-73795/3	5.0	1.959802	50.0	173640.0	0.39196	Y
3	IC 860-73795/4	10.0	3.757156	50.0	178353.0	0.375716	Y
4	IC 860-73795/5	25.0	9.494452	50.0	174939.0	0.379778	Y
5	ICIS 860-73795/6	50.0	18.933838	50.0	179710.0	0.378677	Y
6	IC 860-73795/7	100.0	36.479795	50.0	180552.0	0.364798	Y
7	IC 860-73795/8	150.0	54.251096	50.0	183388.0	0.361674	Y



Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

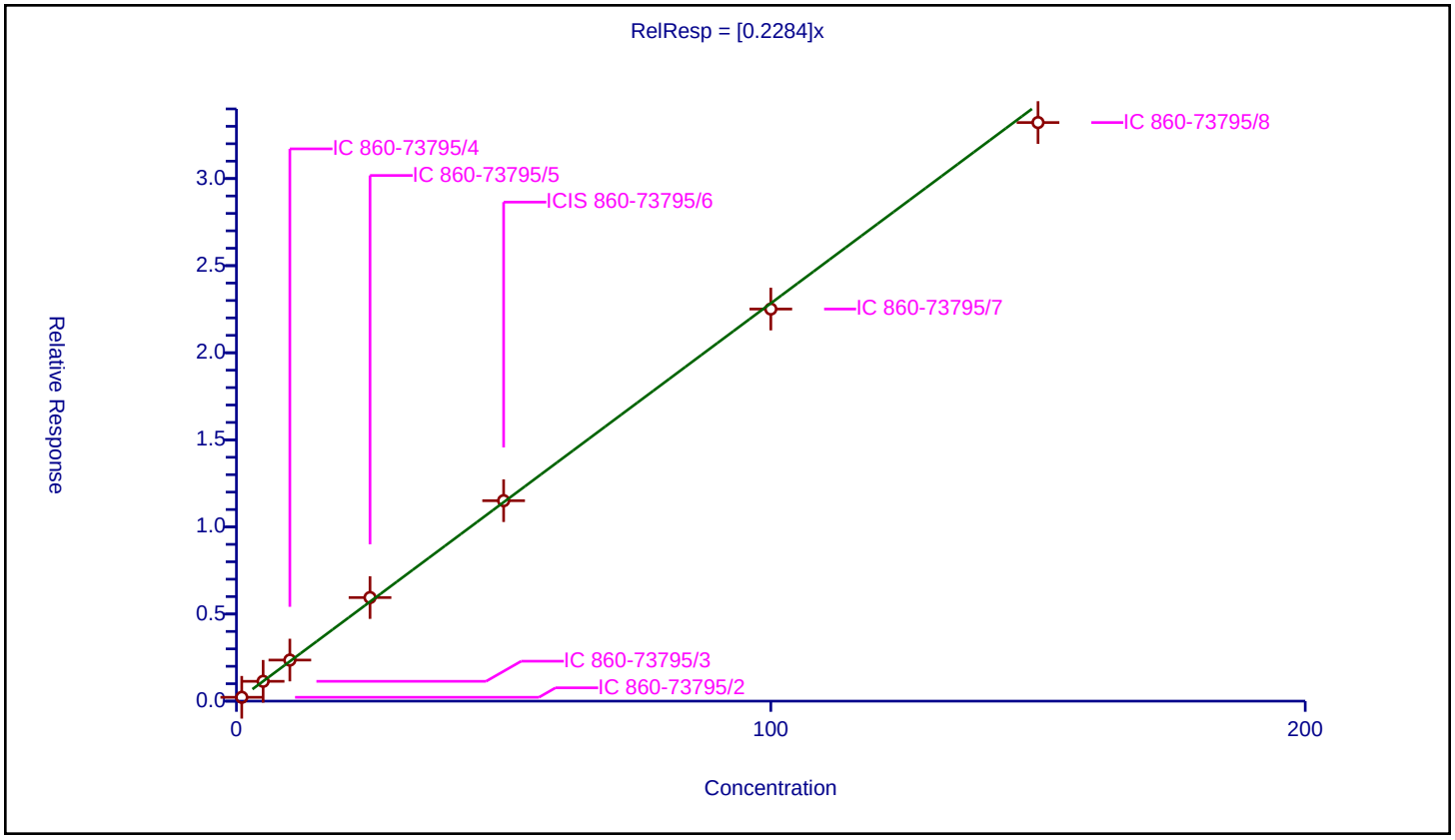
Curve Coefficients

Intercept:	0
Slope:	0.2284

Error Coefficients

Standard Error:	62800
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 860-73795/2	1.0	0.220747	50.0	175993.0	0.220747	Y
2	IC 860-73795/3	5.0	1.137987	50.0	173640.0	0.227597	Y
3	IC 860-73795/4	10.0	2.358245	50.0	178353.0	0.235824	Y
4	IC 860-73795/5	25.0	5.946358	50.0	174939.0	0.237854	Y
5	ICIS 860-73795/6	50.0	11.507707	50.0	179710.0	0.230154	Y
6	IC 860-73795/7	100.0	22.510136	50.0	180552.0	0.225101	Y
7	IC 860-73795/8	150.0	33.217004	50.0	183388.0	0.221447	Y



Calibration / Methyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

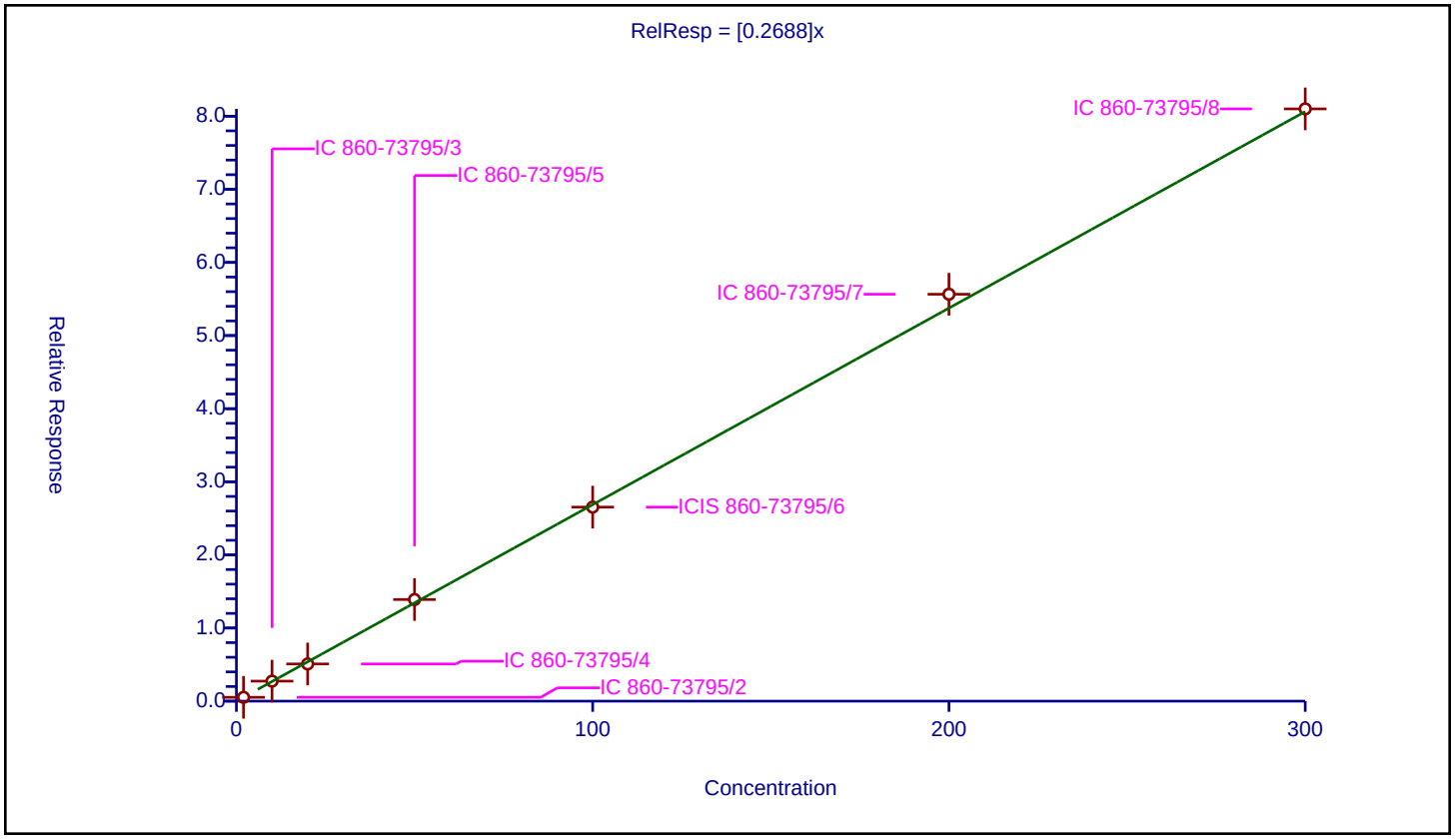
Curve Coefficients

Intercept:	0
Slope:	0.2688

Error Coefficients

Standard Error:	153000
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 860-73795/2	2.0	0.5236	50.0	175993.0	0.2618	Y
2	IC 860-73795/3	10.0	2.736409	50.0	173640.0	0.273641	Y
3	IC 860-73795/4	20.0	5.087383	50.0	178353.0	0.254369	Y
4	IC 860-73795/5	50.0	13.897987	50.0	174939.0	0.27796	Y
5	ICIS 860-73795/6	100.0	26.536086	50.0	179710.0	0.265361	Y
6	IC 860-73795/7	200.0	55.65045	50.0	180552.0	0.278252	Y
7	IC 860-73795/8	300.0	80.998484	50.0	183388.0	0.269995	Y



Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

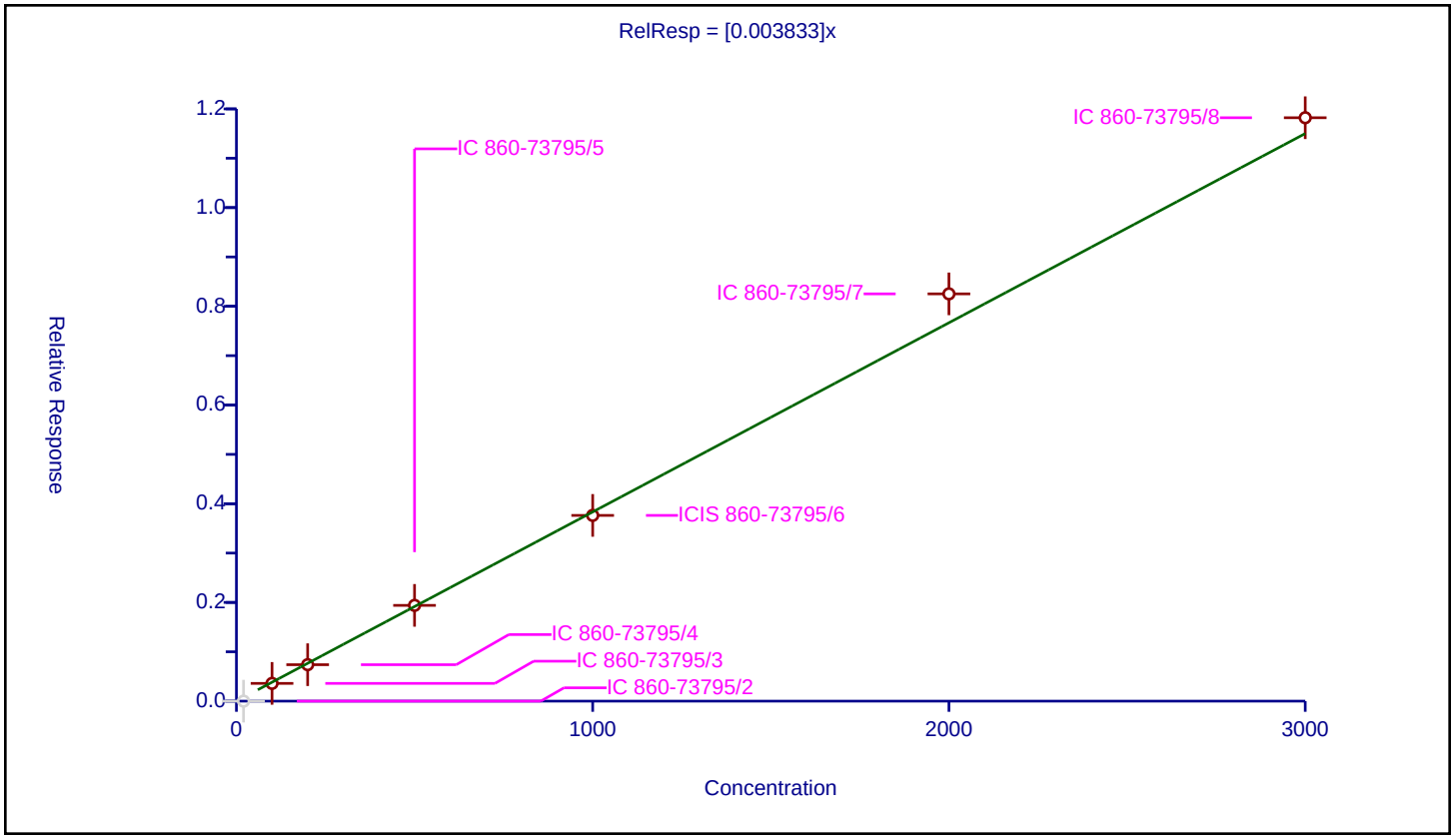
Curve Coefficients

Intercept:	0
Slope:	0.003833

Error Coefficients

Standard Error:	24500
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 860-73795/2	20.0	0.0	50.0	175993.0	0.0	N
2	IC 860-73795/3	100.0	0.359652	50.0	173640.0	0.003597	Y
3	IC 860-73795/4	200.0	0.738704	50.0	178353.0	0.003694	Y
4	IC 860-73795/5	500.0	1.940391	50.0	174939.0	0.003881	Y
5	ICIS 860-73795/6	1000.0	3.763007	50.0	179710.0	0.003763	Y
6	IC 860-73795/7	2000.0	8.252193	50.0	180552.0	0.004126	Y
7	IC 860-73795/8	3000.0	11.820839	50.0	183388.0	0.00394	Y



Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

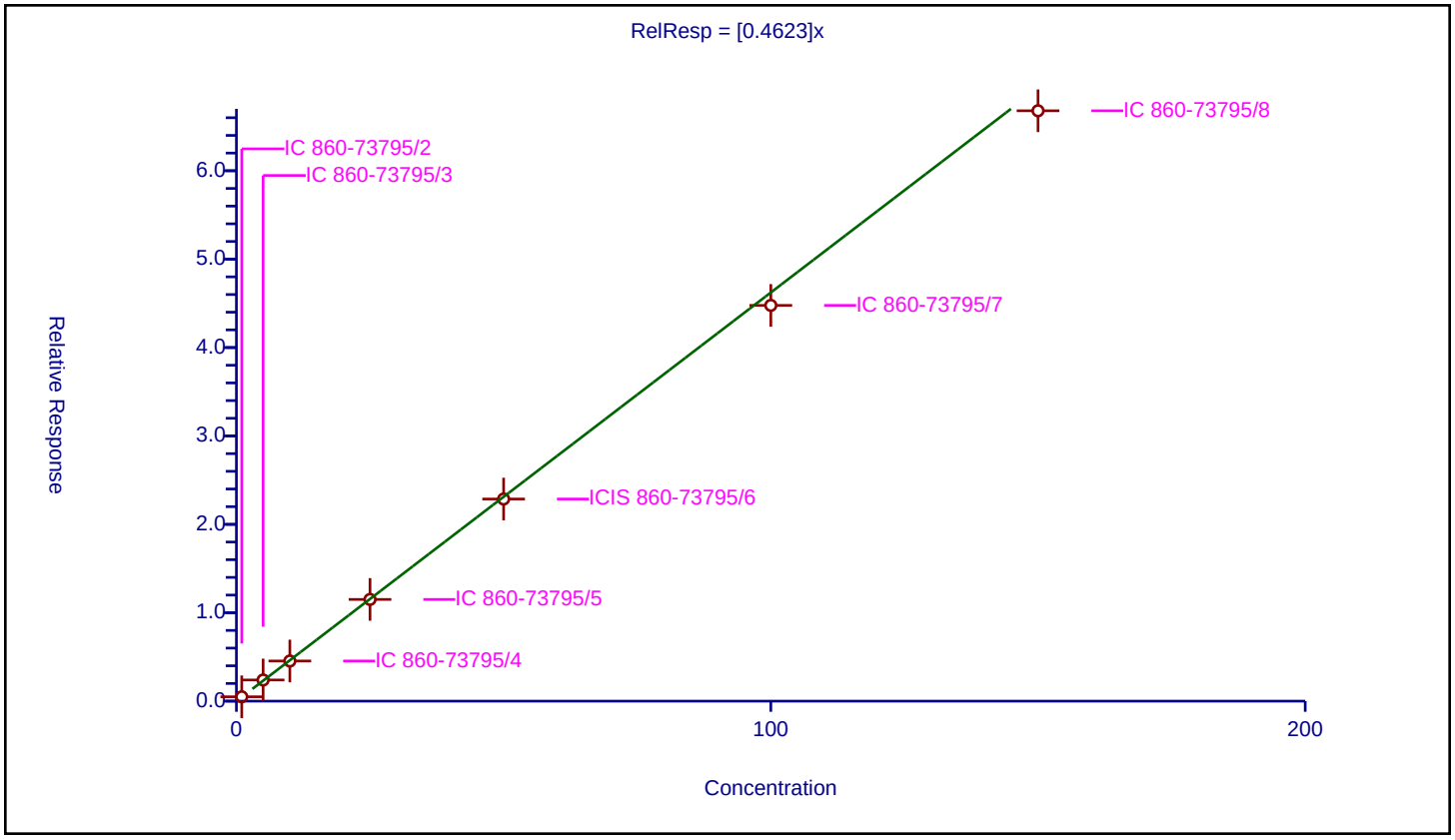
Curve Coefficients

Intercept:	0
Slope:	0.4623

Error Coefficients

Standard Error:	126000
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 860-73795/2	1.0	0.492633	50.0	175993.0	0.492633	Y
2	IC 860-73795/3	5.0	2.393458	50.0	173640.0	0.478692	Y
3	IC 860-73795/4	10.0	4.541275	50.0	178353.0	0.454127	Y
4	IC 860-73795/5	25.0	11.505439	50.0	174939.0	0.460218	Y
5	ICIS 860-73795/6	50.0	22.863224	50.0	179710.0	0.457264	Y
6	IC 860-73795/7	100.0	44.771035	50.0	180552.0	0.44771	Y
7	IC 860-73795/8	150.0	66.78654	50.0	183388.0	0.445244	Y



Calibration / 2-Nitropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

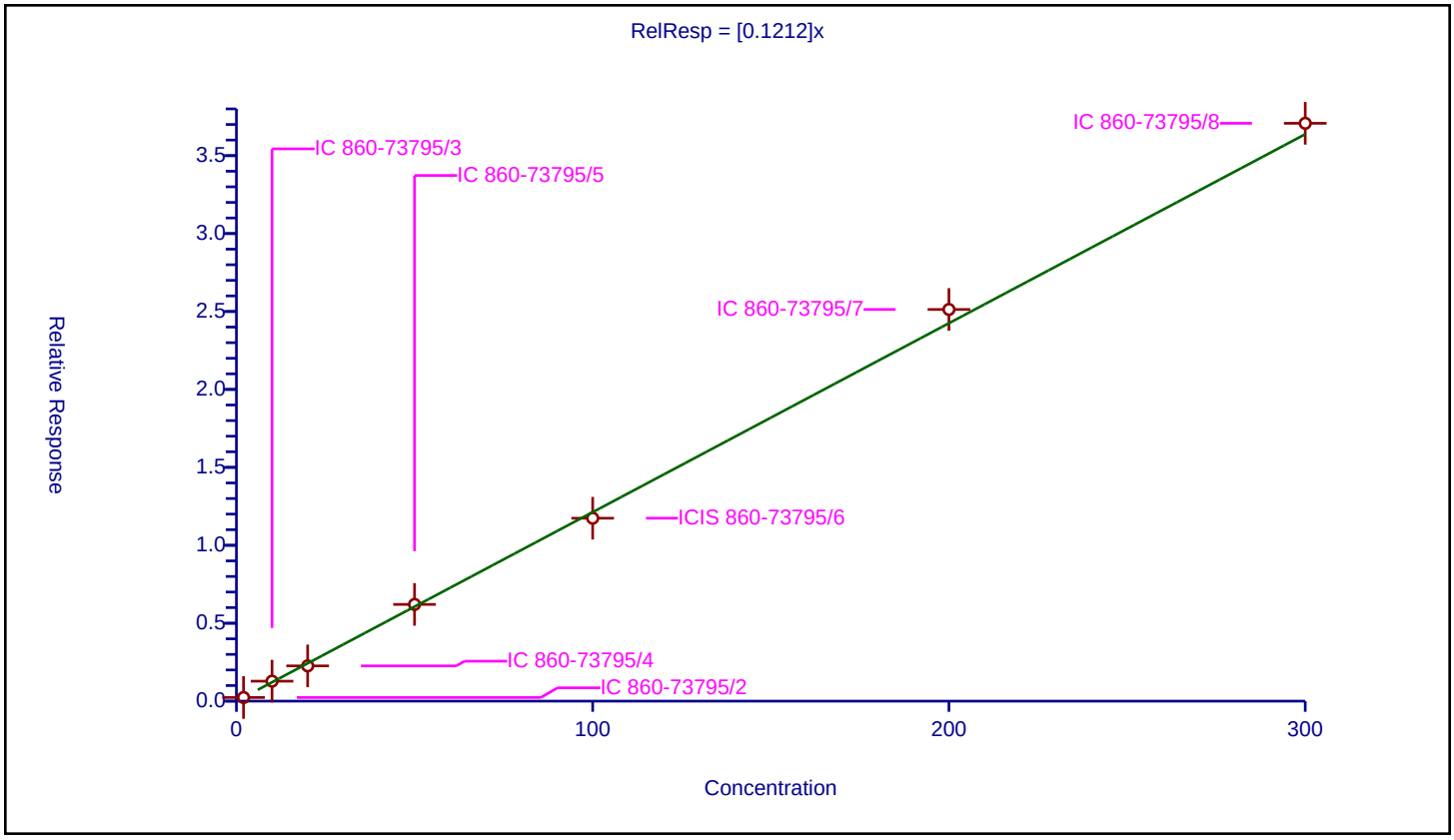
Curve Coefficients

Intercept:	0
Slope:	0.1212

Error Coefficients

Standard Error:	69600
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 860-73795/2	2.0	0.233532	50.0	175993.0	0.116766	Y
2	IC 860-73795/3	10.0	1.281675	50.0	173640.0	0.128167	Y
3	IC 860-73795/4	20.0	2.261526	50.0	178353.0	0.113076	Y
4	IC 860-73795/5	50.0	6.205306	50.0	174939.0	0.124106	Y
5	ICIS 860-73795/6	100.0	11.737243	50.0	179710.0	0.117372	Y
6	IC 860-73795/7	200.0	25.13071	50.0	180552.0	0.125654	Y
7	IC 860-73795/8	300.0	37.076308	50.0	183388.0	0.123588	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

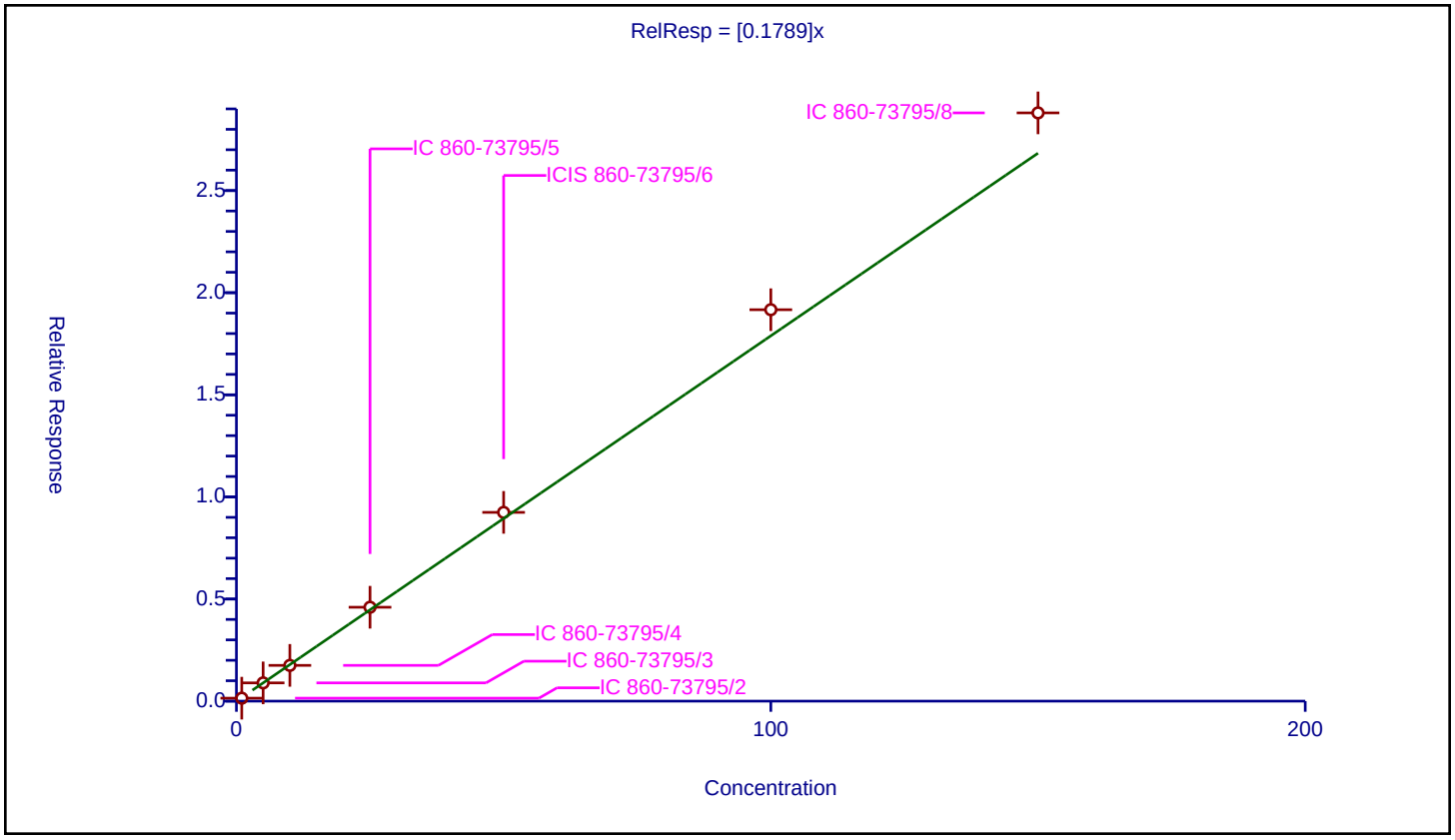
Curve Coefficients

Intercept:	0
Slope:	0.1789

Error Coefficients

Standard Error:	53800
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 860-73795/2	1.0	0.145744	50.0	175993.0	0.145744	Y
2	IC 860-73795/3	5.0	0.894379	50.0	173640.0	0.178876	Y
3	IC 860-73795/4	10.0	1.750461	50.0	178353.0	0.175046	Y
4	IC 860-73795/5	25.0	4.597888	50.0	174939.0	0.183916	Y
5	ICIS 860-73795/6	50.0	9.243225	50.0	179710.0	0.184865	Y
6	IC 860-73795/7	100.0	19.167054	50.0	180552.0	0.191671	Y
7	IC 860-73795/8	150.0	28.804229	50.0	183388.0	0.192028	Y



Calibration / Epichlorohydrin

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

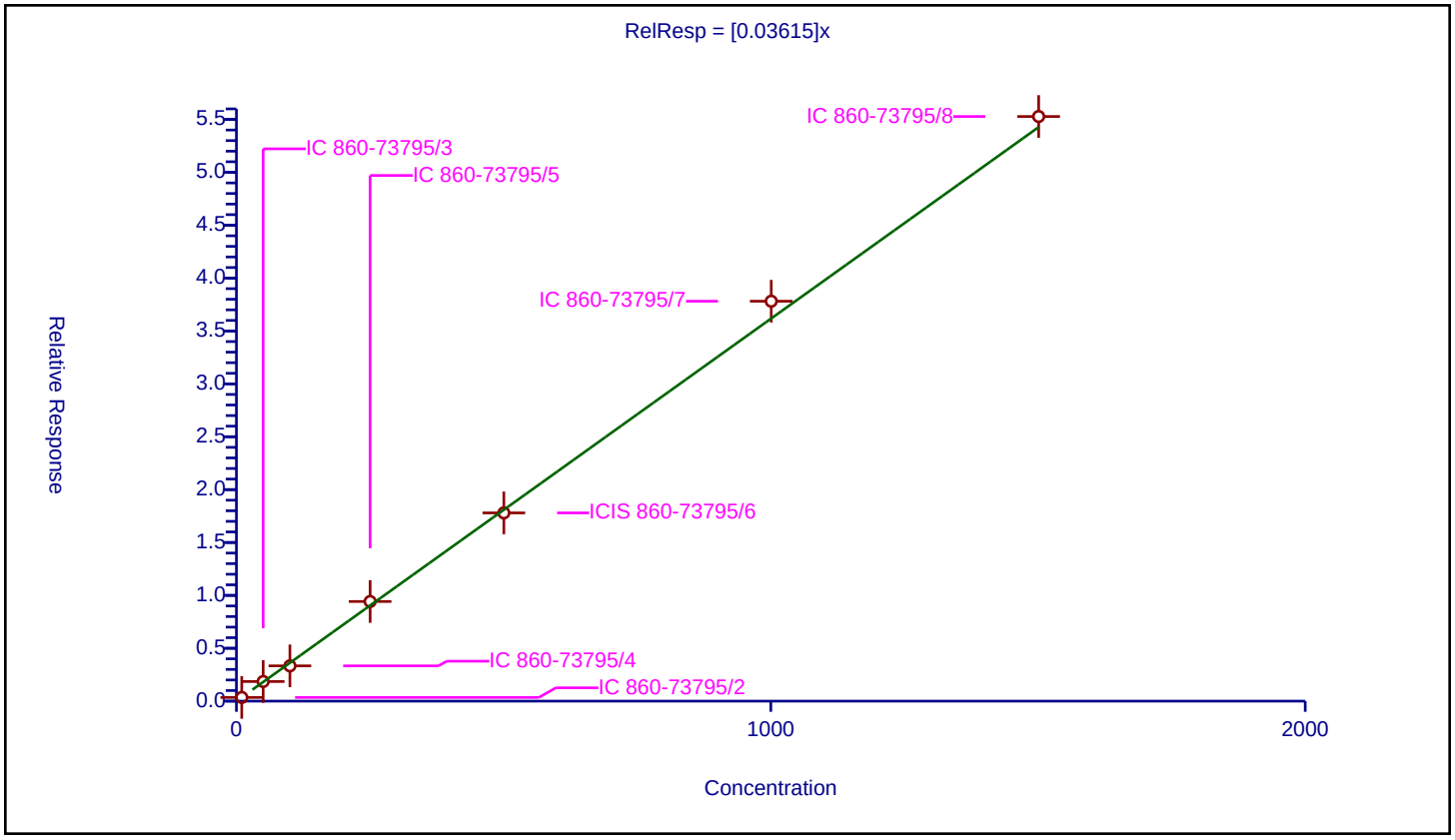
Curve Coefficients

Intercept:	0
Slope:	0.03615

Error Coefficients

Standard Error:	104000
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 860-73795/2	10.00818	0.349162	50.0	175993.0	0.034888	Y
2	IC 860-73795/3	50.0409	1.853548	50.0	173640.0	0.037041	Y
3	IC 860-73795/4	100.0818	3.334959	50.0	178353.0	0.033322	Y
4	IC 860-73795/5	250.2045	9.421856	50.0	174939.0	0.037657	Y
5	ICIS 860-73795/6	500.409	17.798676	50.0	179710.0	0.035568	Y
6	IC 860-73795/7	1000.818	37.815422	50.0	180552.0	0.037785	Y
7	IC 860-73795/8	1501.227	55.280607	50.0	183388.0	0.036824	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

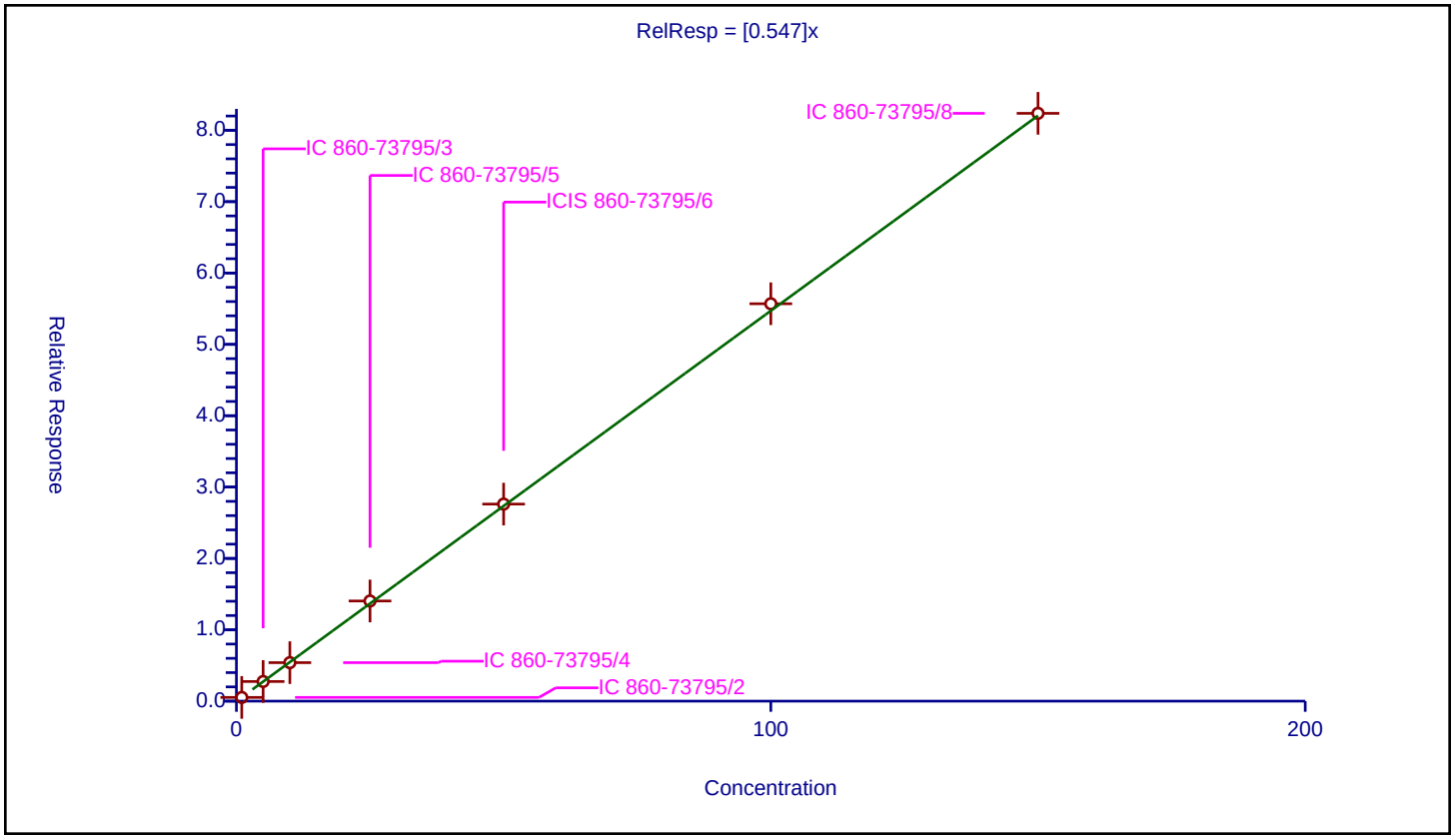
Curve Coefficients

Intercept:	0
Slope:	0.547

Error Coefficients

Standard Error:	155000
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 860-73795/2	1.0	0.519339	50.0	175993.0	0.519339	Y
2	IC 860-73795/3	5.0	2.75311	50.0	173640.0	0.550622	Y
3	IC 860-73795/4	10.0	5.39576	50.0	178353.0	0.539576	Y
4	IC 860-73795/5	25.0	14.035464	50.0	174939.0	0.561419	Y
5	ICIS 860-73795/6	50.0	27.613934	50.0	179710.0	0.552279	Y
6	IC 860-73795/7	100.0	55.692543	50.0	180552.0	0.556925	Y
7	IC 860-73795/8	150.0	82.376709	50.0	183388.0	0.549178	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

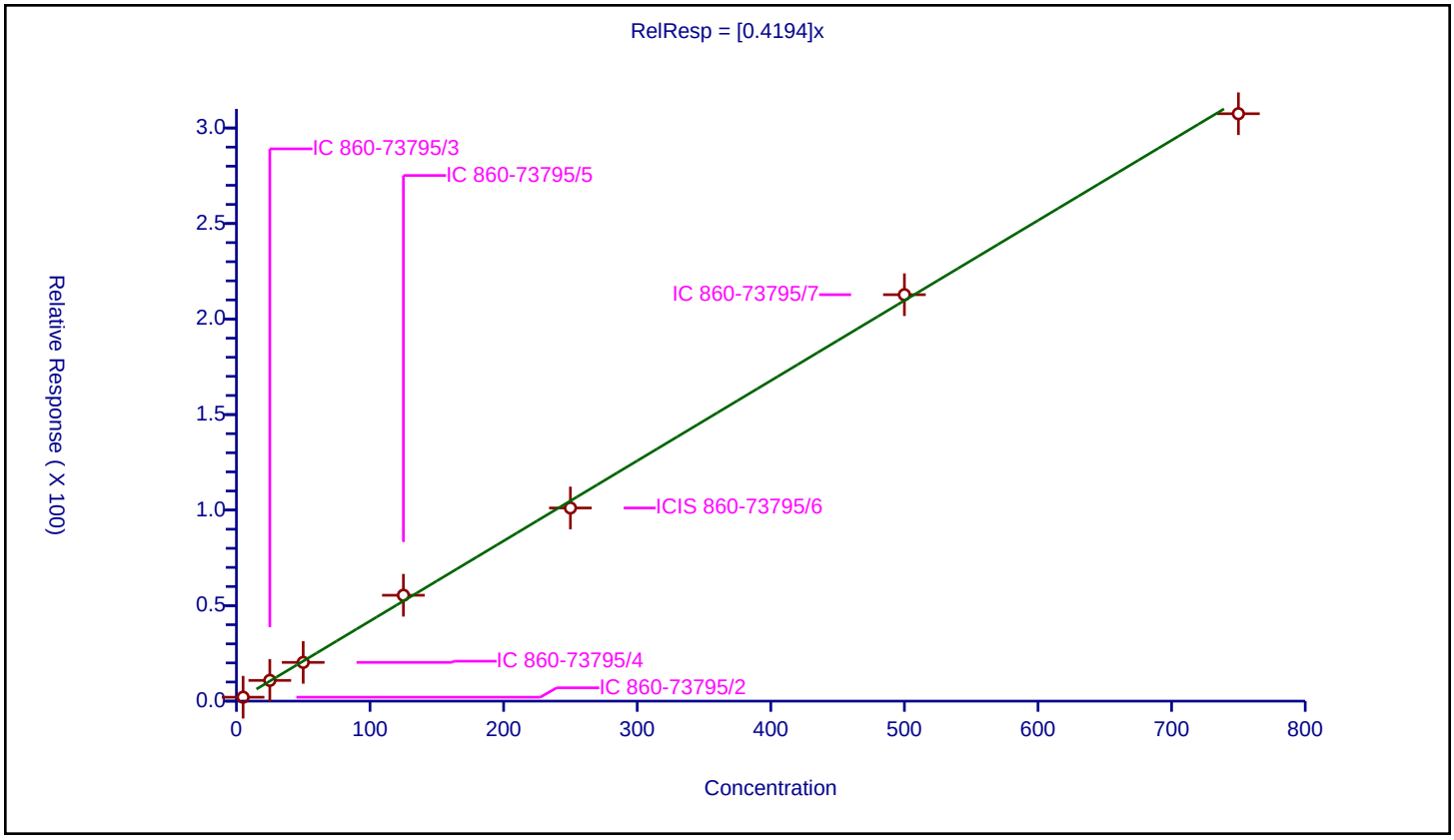
Curve Coefficients

Intercept:	0
Slope:	0.4194

Error Coefficients

Standard Error:	583000
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 860-73795/2	5.0	2.062582	50.0	175993.0	0.412516	Y
2	IC 860-73795/3	25.0	10.856945	50.0	173640.0	0.434278	Y
3	IC 860-73795/4	50.0	20.27468	50.0	178353.0	0.405494	Y
4	IC 860-73795/5	125.0	55.41846	50.0	174939.0	0.443348	Y
5	ICIS 860-73795/6	250.0	101.10734	50.0	179710.0	0.404429	Y
6	IC 860-73795/7	500.0	212.740651	50.0	180552.0	0.425481	Y
7	IC 860-73795/8	750.0	307.469682	50.0	183388.0	0.40996	Y



Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

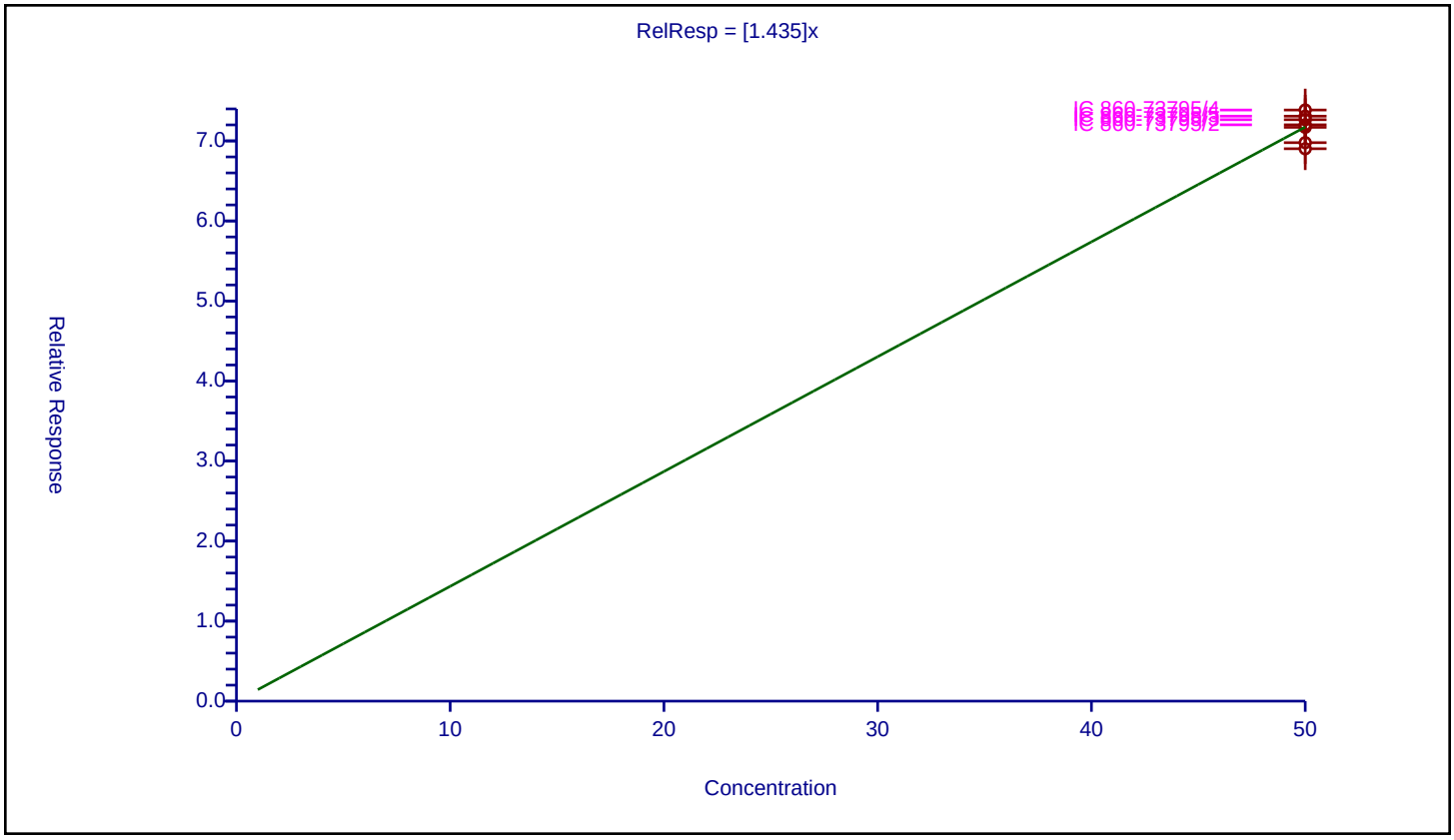
Curve Coefficients

Intercept:	0
Slope:	1.435

Error Coefficients

Standard Error:	243000
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 860-73795/2	50.0	72.014082	50.0	151394.0	1.440282	Y
2	IC 860-73795/3	50.0	72.650087	50.0	152112.0	1.453002	Y
3	IC 860-73795/4	50.0	73.859965	50.0	152605.0	1.477199	Y
4	IC 860-73795/5	50.0	73.092549	50.0	151380.0	1.461851	Y
5	ICIS 860-73795/6	50.0	71.696634	50.0	157506.0	1.433933	Y
6	IC 860-73795/7	50.0	69.019969	50.0	164301.0	1.380399	Y
7	IC 860-73795/8	50.0	69.780249	50.0	170420.0	1.395605	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

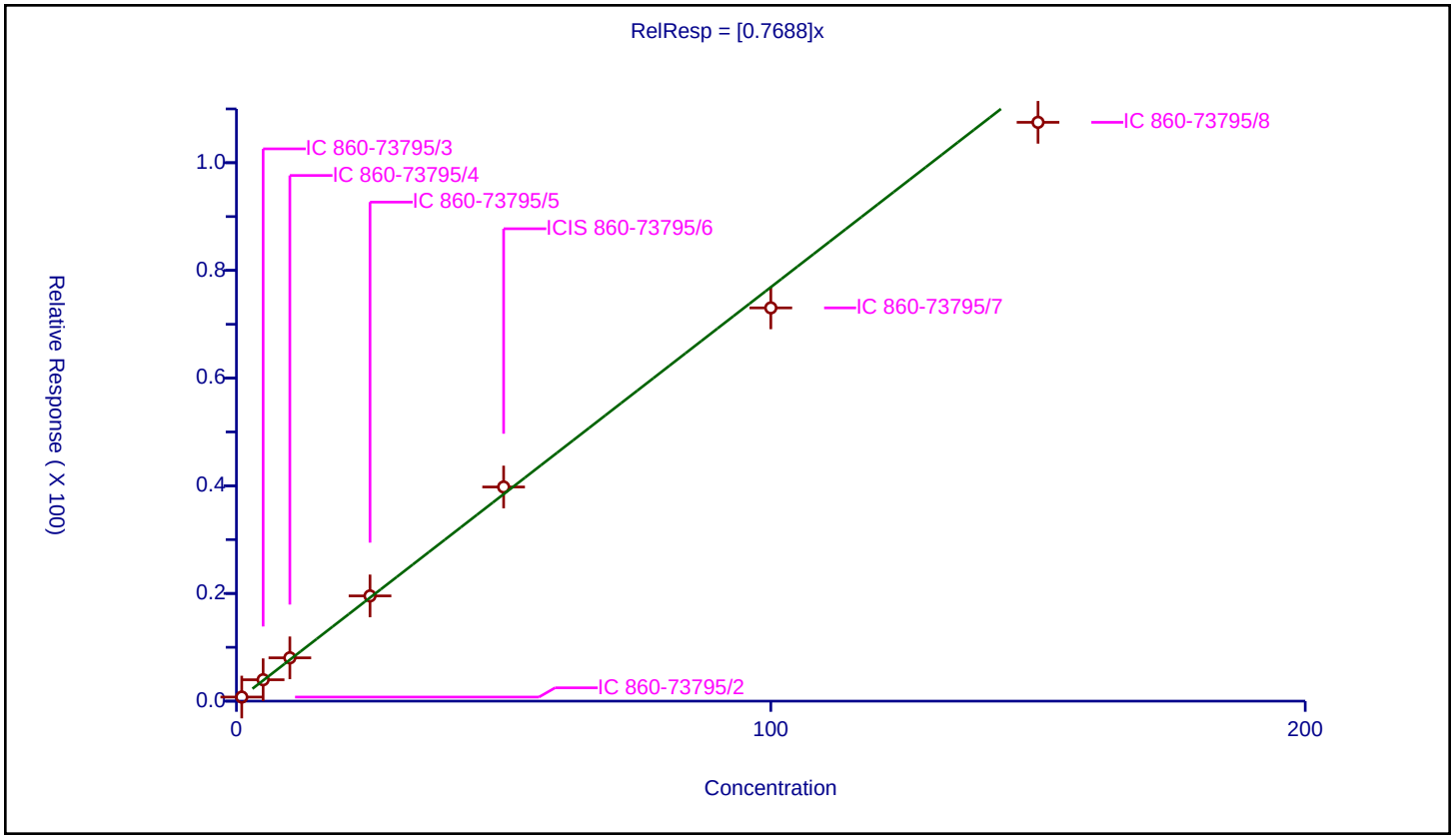
Curve Coefficients

Intercept:	0
Slope:	0.7688

Error Coefficients

Standard Error:	188000
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 860-73795/2	1.0	0.757956	50.0	151394.0	0.757956	Y
2	IC 860-73795/3	5.0	3.97536	50.0	152112.0	0.795072	Y
3	IC 860-73795/4	10.0	8.04397	50.0	152605.0	0.804397	Y
4	IC 860-73795/5	25.0	19.546505	50.0	151380.0	0.78186	Y
5	ICIS 860-73795/6	50.0	39.775945	50.0	157506.0	0.795519	Y
6	IC 860-73795/7	100.0	73.040943	50.0	164301.0	0.730409	Y
7	IC 860-73795/8	150.0	107.509095	50.0	170420.0	0.716727	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

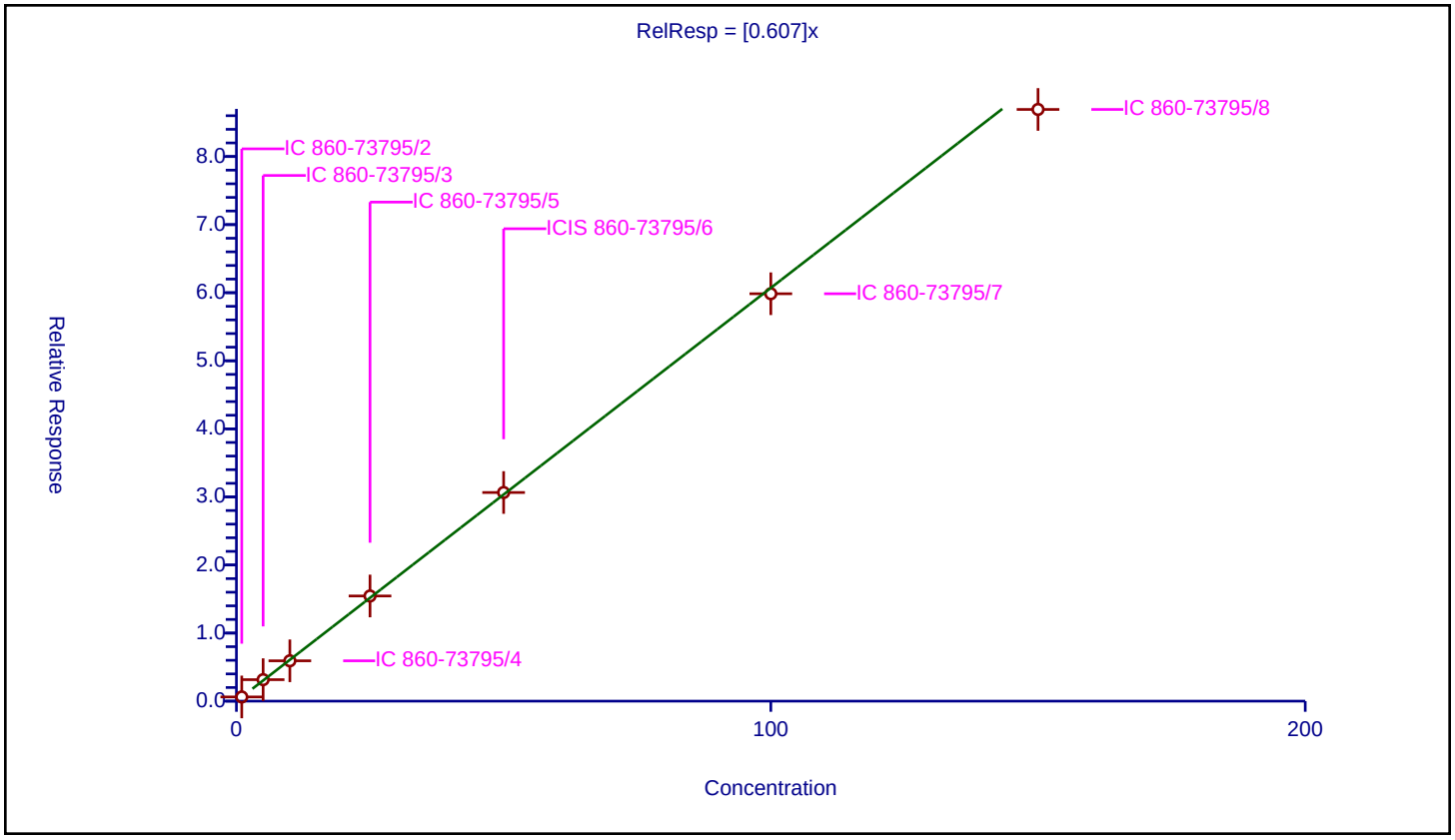
Curve Coefficients

Intercept:	0
Slope:	0.607

Error Coefficients

Standard Error:	152000
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 860-73795/2	1.0	0.616933	50.0	151394.0	0.616933	Y
2	IC 860-73795/3	5.0	3.153926	50.0	152112.0	0.630785	Y
3	IC 860-73795/4	10.0	5.927067	50.0	152605.0	0.592707	Y
4	IC 860-73795/5	25.0	15.449861	50.0	151380.0	0.617994	Y
5	ICIS 860-73795/6	50.0	30.646769	50.0	157506.0	0.612935	Y
6	IC 860-73795/7	100.0	59.848388	50.0	164301.0	0.598484	Y
7	IC 860-73795/8	150.0	86.916735	50.0	170420.0	0.579445	Y



Calibration / Ethyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

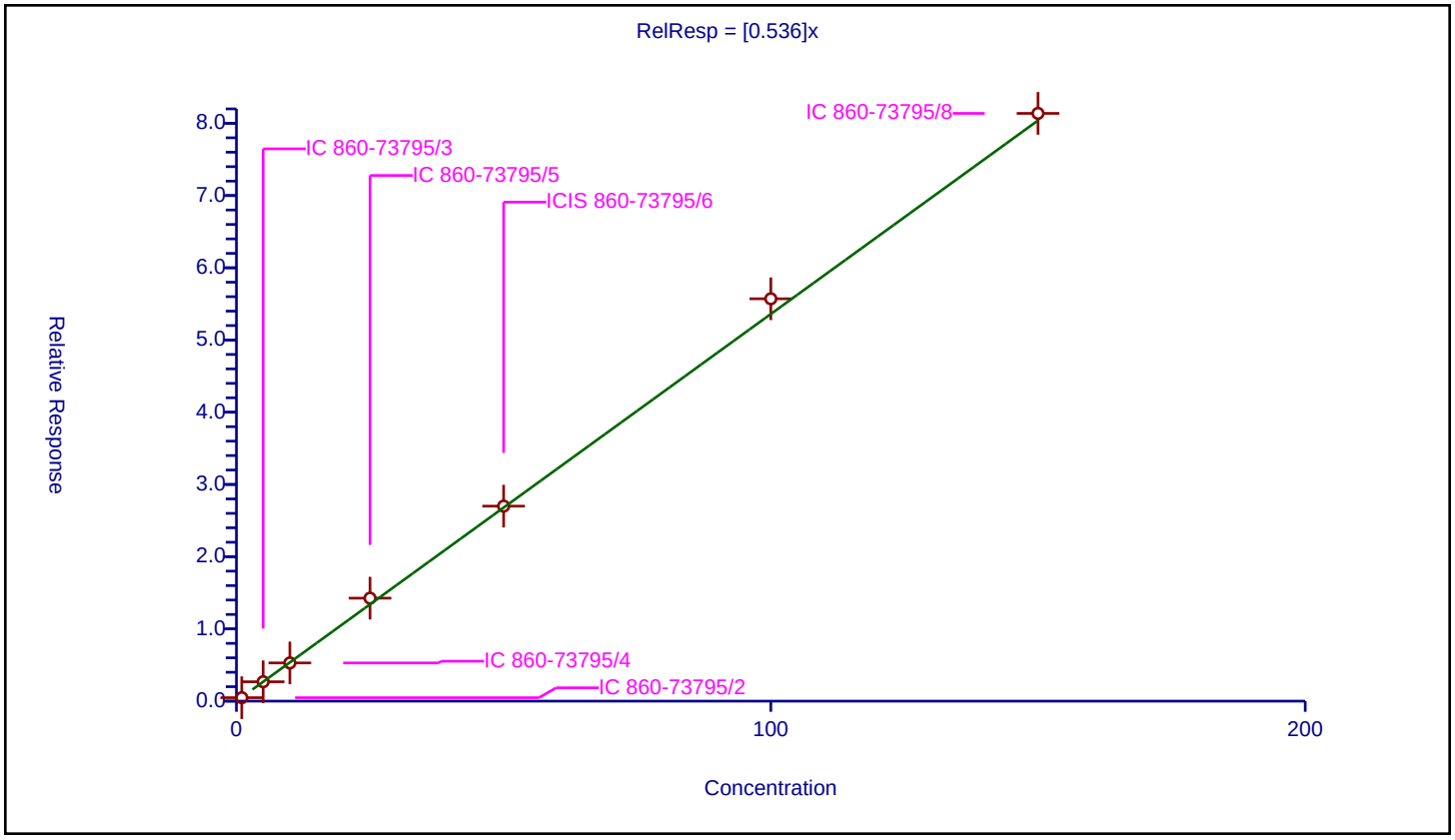
Curve Coefficients

Intercept:	0
Slope:	0.536

Error Coefficients

Standard Error:	141000
Relative Standard Error:	5.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73795/2	1.0	0.476571	50.0	151394.0	0.476571	Y
2	IC 860-73795/3	5.0	2.681248	50.0	152112.0	0.53625	Y
3	IC 860-73795/4	10.0	5.291111	50.0	152605.0	0.529111	Y
4	IC 860-73795/5	25.0	14.256507	50.0	151380.0	0.57026	Y
5	ICIS 860-73795/6	50.0	27.000559	50.0	157506.0	0.540011	Y
6	IC 860-73795/7	100.0	55.712077	50.0	164301.0	0.557121	Y
7	IC 860-73795/8	150.0	81.378359	50.0	170420.0	0.542522	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

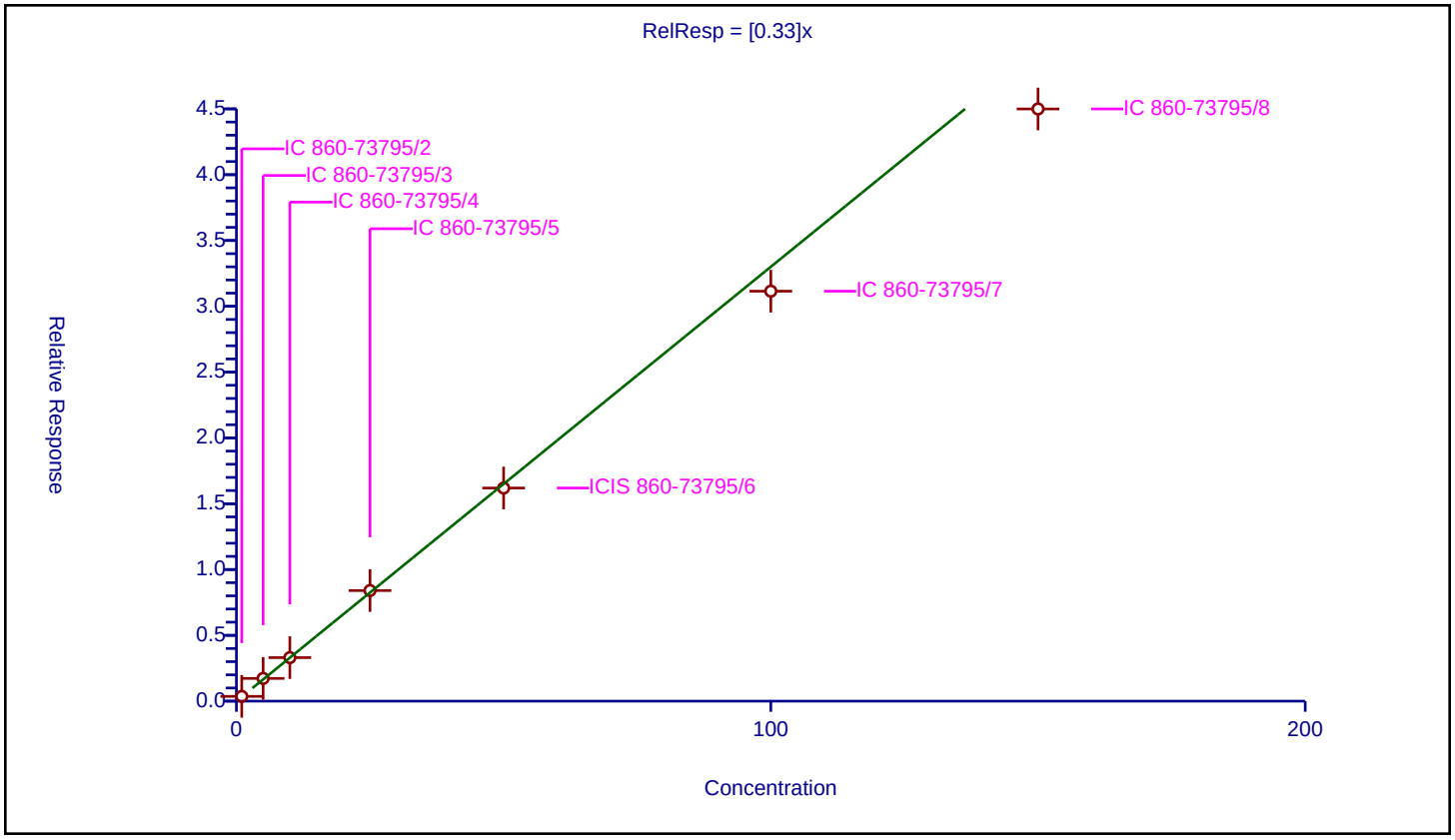
Curve Coefficients

Intercept:	0
Slope:	0.33

Error Coefficients

Standard Error:	78900
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 860-73795/2	1.0	0.36263	50.0	151394.0	0.36263	Y
2	IC 860-73795/3	5.0	1.72636	50.0	152112.0	0.345272	Y
3	IC 860-73795/4	10.0	3.306903	50.0	152605.0	0.33069	Y
4	IC 860-73795/5	25.0	8.404347	50.0	151380.0	0.336174	Y
5	ICIS 860-73795/6	50.0	16.192716	50.0	157506.0	0.323854	Y
6	IC 860-73795/7	100.0	31.149537	50.0	164301.0	0.311495	Y
7	IC 860-73795/8	150.0	44.993839	50.0	170420.0	0.299959	Y



Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

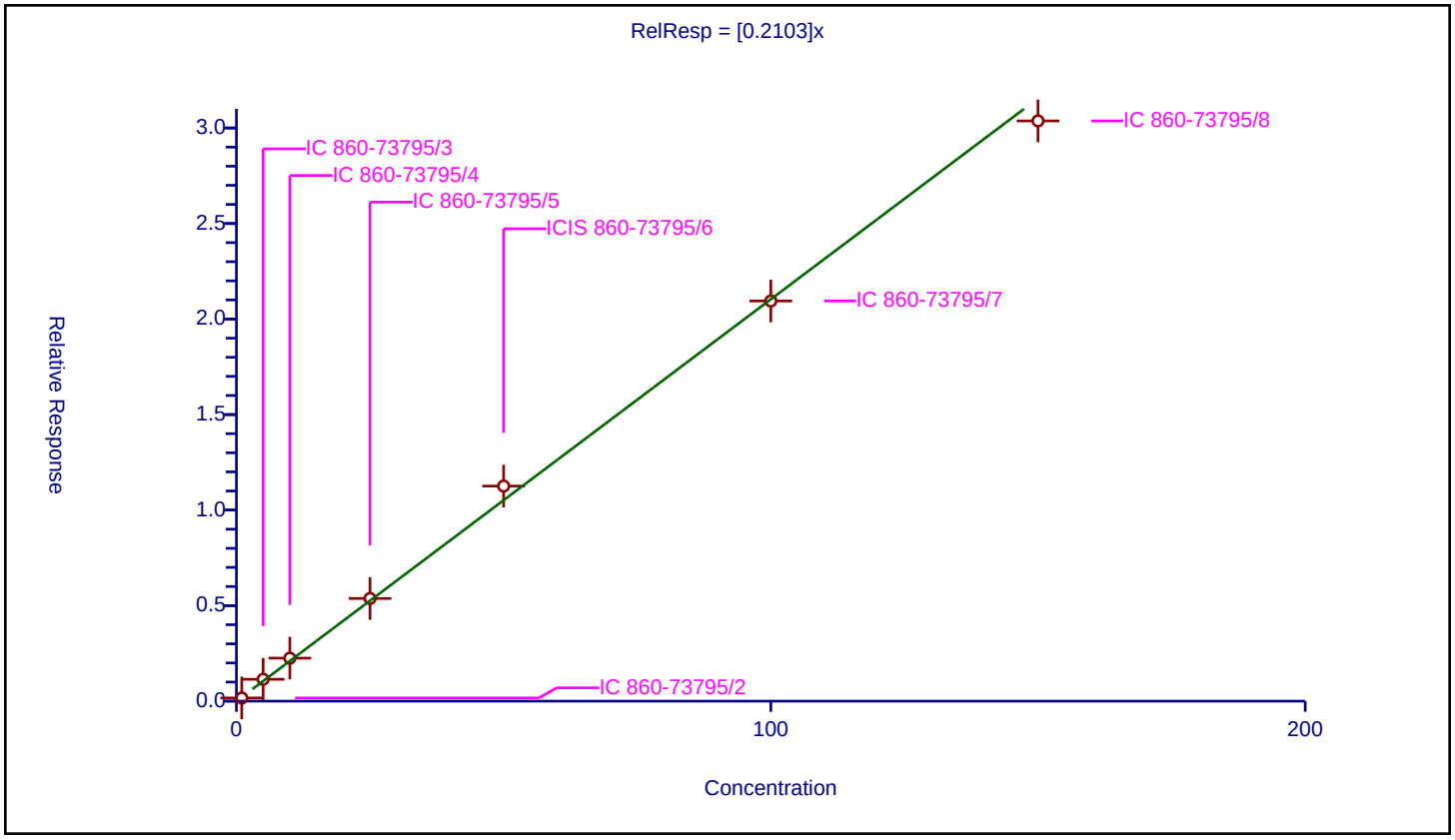
Curve Coefficients

Intercept:	0
Slope:	0.2103

Error Coefficients

Standard Error:	53300
Relative Standard Error:	10.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73795/2	1.0	0.166453	50.0	151394.0	0.166453	Y
2	IC 860-73795/3	5.0	1.143894	50.0	152112.0	0.228779	Y
3	IC 860-73795/4	10.0	2.250909	50.0	152605.0	0.225091	Y
4	IC 860-73795/5	25.0	5.373563	50.0	151380.0	0.214943	Y
5	ICIS 860-73795/6	50.0	11.257349	50.0	157506.0	0.225147	Y
6	IC 860-73795/7	100.0	20.946008	50.0	164301.0	0.20946	Y
7	IC 860-73795/8	150.0	30.370262	50.0	170420.0	0.202468	Y



Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

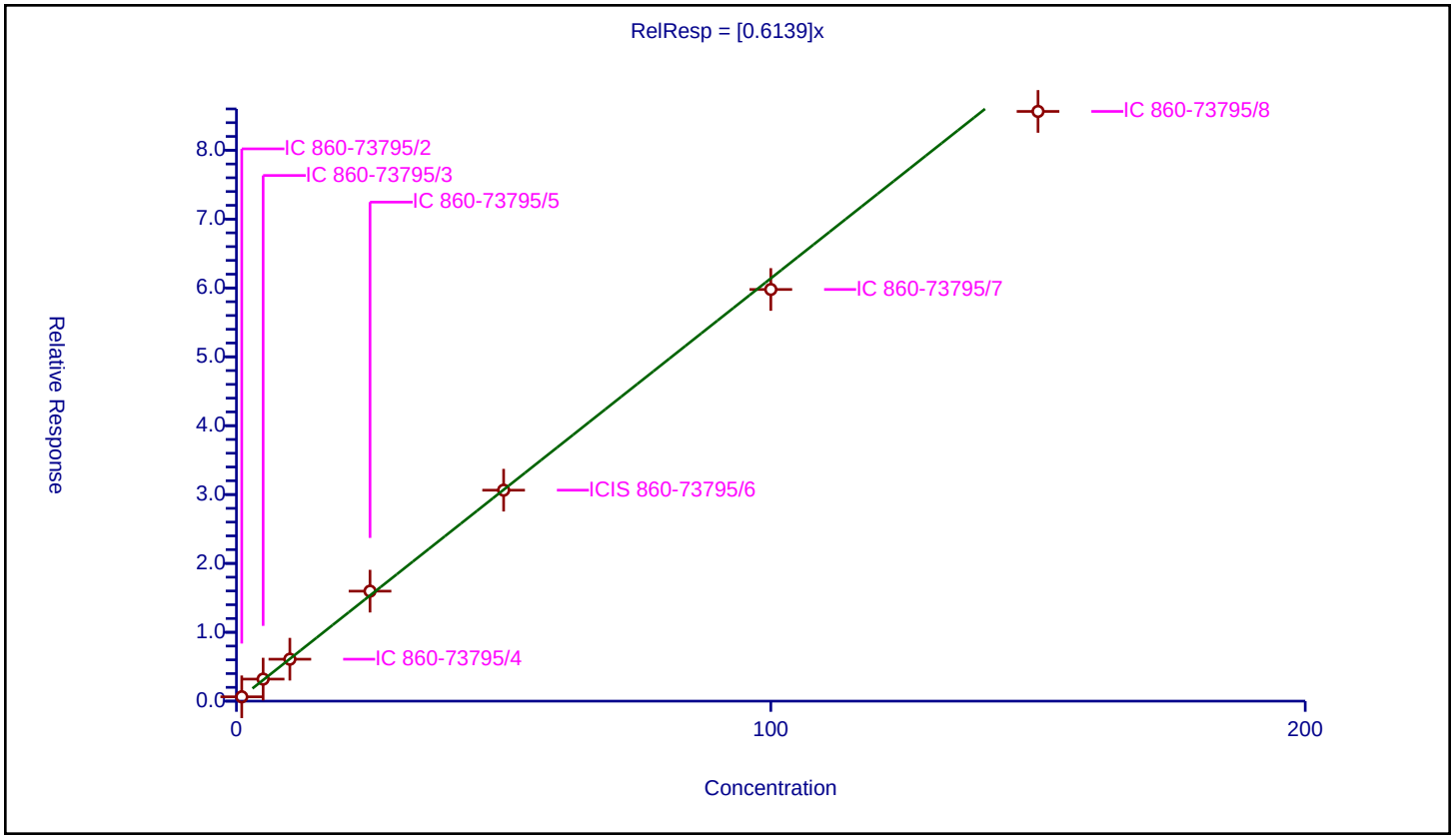
Curve Coefficients

Intercept:	0
Slope:	0.6139

Error Coefficients

Standard Error:	150000
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 860-73795/2	1.0	0.627502	50.0	151394.0	0.627502	Y
2	IC 860-73795/3	5.0	3.201917	50.0	152112.0	0.640383	Y
3	IC 860-73795/4	10.0	6.090888	50.0	152605.0	0.609089	Y
4	IC 860-73795/5	25.0	15.972387	50.0	151380.0	0.638895	Y
5	ICIS 860-73795/6	50.0	30.633754	50.0	157506.0	0.612675	Y
6	IC 860-73795/7	100.0	59.776569	50.0	164301.0	0.597766	Y
7	IC 860-73795/8	150.0	85.633728	50.0	170420.0	0.570892	Y



Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

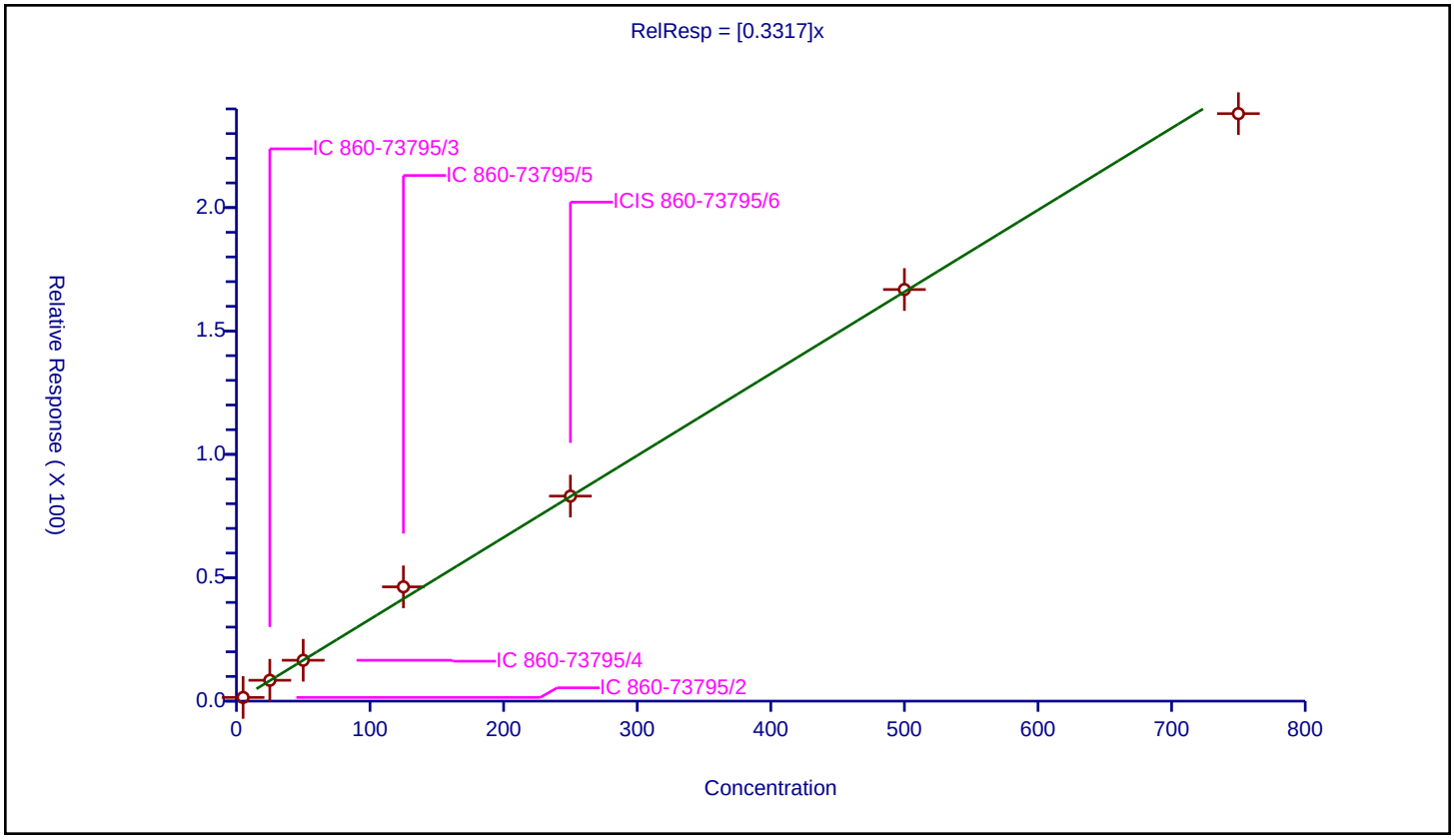
Curve Coefficients

Intercept:	0
Slope:	0.3317

Error Coefficients

Standard Error:	418000
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 860-73795/2	5.0	1.491142	50.0	151394.0	0.298228	Y
2	IC 860-73795/3	25.0	8.461528	50.0	152112.0	0.338461	Y
3	IC 860-73795/4	50.0	16.56466	50.0	152605.0	0.331293	Y
4	IC 860-73795/5	125.0	46.318206	50.0	151380.0	0.370546	Y
5	ICIS 860-73795/6	250.0	83.095565	50.0	157506.0	0.332382	Y
6	IC 860-73795/7	500.0	166.802697	50.0	164301.0	0.333605	Y
7	IC 860-73795/8	750.0	238.074463	50.0	170420.0	0.317433	Y



Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

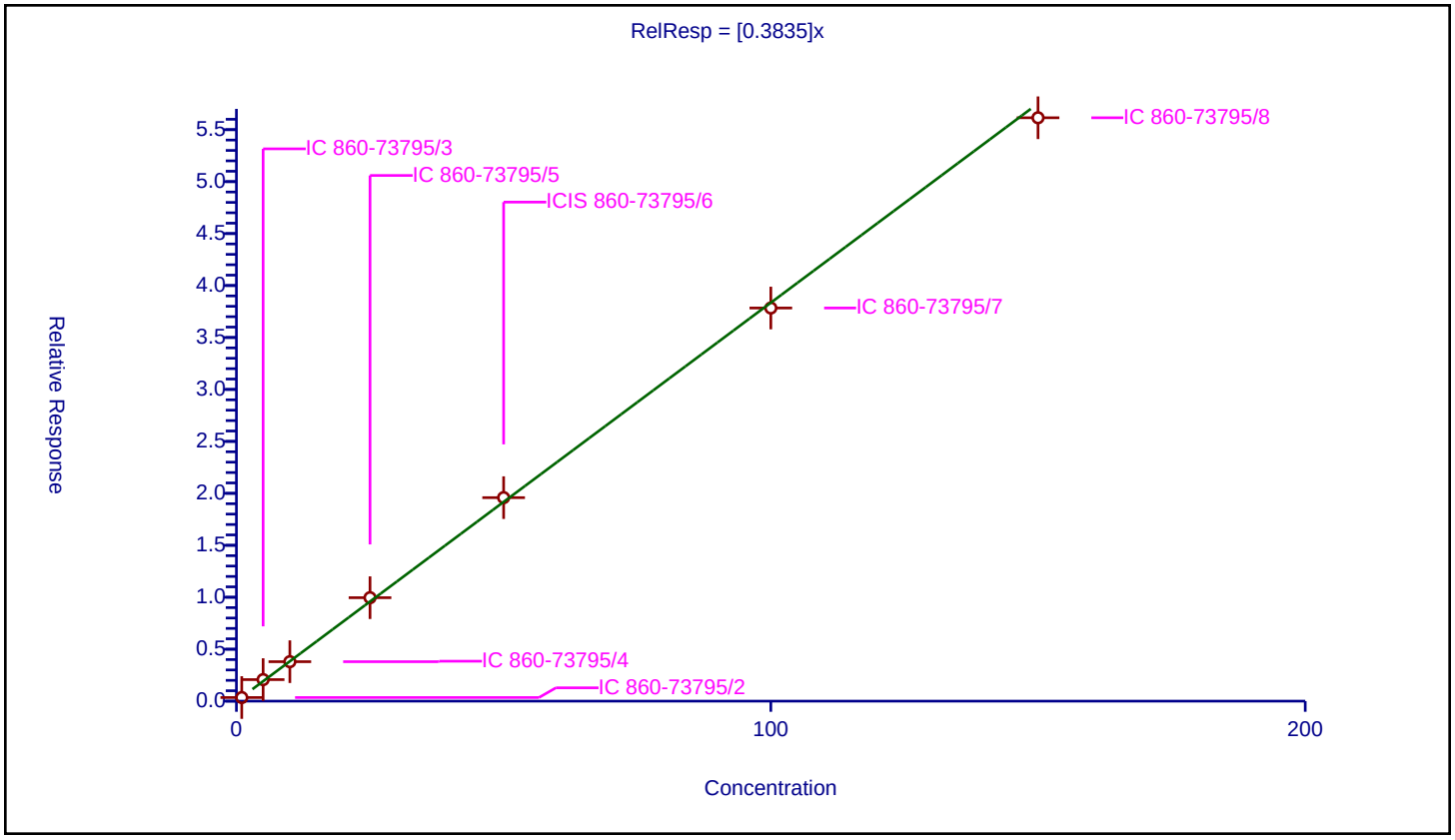
Curve Coefficients

Intercept:	0
Slope:	0.3835

Error Coefficients

Standard Error:	97400
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 860-73795/2	1.0	0.347108	50.0	151394.0	0.347108	Y
2	IC 860-73795/3	5.0	2.073472	50.0	152112.0	0.414694	Y
3	IC 860-73795/4	10.0	3.797385	50.0	152605.0	0.379739	Y
4	IC 860-73795/5	25.0	9.957392	50.0	151380.0	0.398296	Y
5	ICIS 860-73795/6	50.0	19.586238	50.0	157506.0	0.391725	Y
6	IC 860-73795/7	100.0	37.836653	50.0	164301.0	0.378367	Y
7	IC 860-73795/8	150.0	56.146286	50.0	170420.0	0.374309	Y



Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

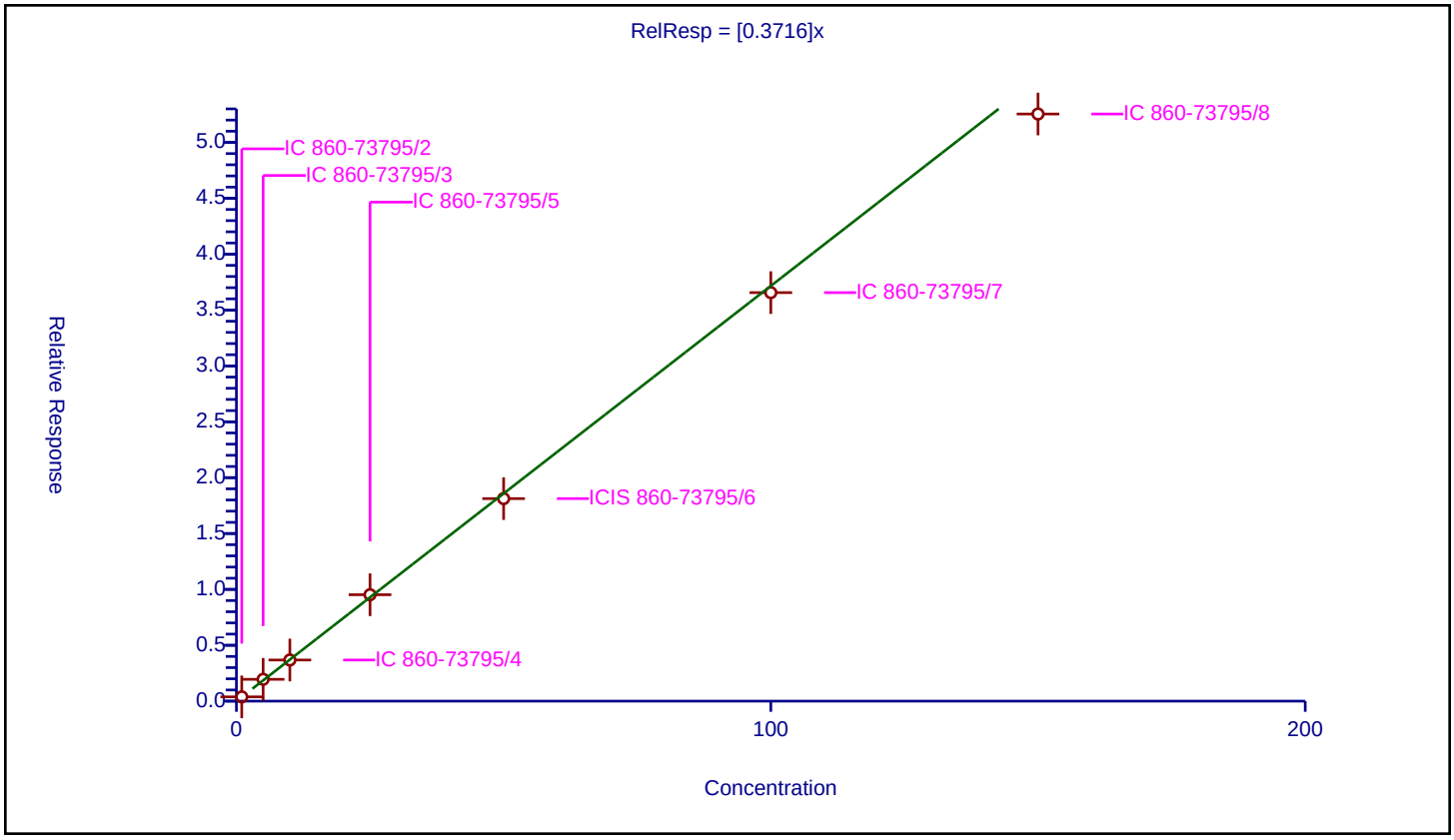
Curve Coefficients

Intercept:	0
Slope:	0.3716

Error Coefficients

Standard Error:	91900
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 860-73795/2	1.0	0.382776	50.0	151394.0	0.382776	Y
2	IC 860-73795/3	5.0	1.953823	50.0	152112.0	0.390765	Y
3	IC 860-73795/4	10.0	3.681727	50.0	152605.0	0.368173	Y
4	IC 860-73795/5	25.0	9.523055	50.0	151380.0	0.380922	Y
5	ICIS 860-73795/6	50.0	18.124071	50.0	157506.0	0.362481	Y
6	IC 860-73795/7	100.0	36.558512	50.0	164301.0	0.365585	Y
7	IC 860-73795/8	150.0	52.542249	50.0	170420.0	0.350282	Y



Calibration / 1-Chlorohexane

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

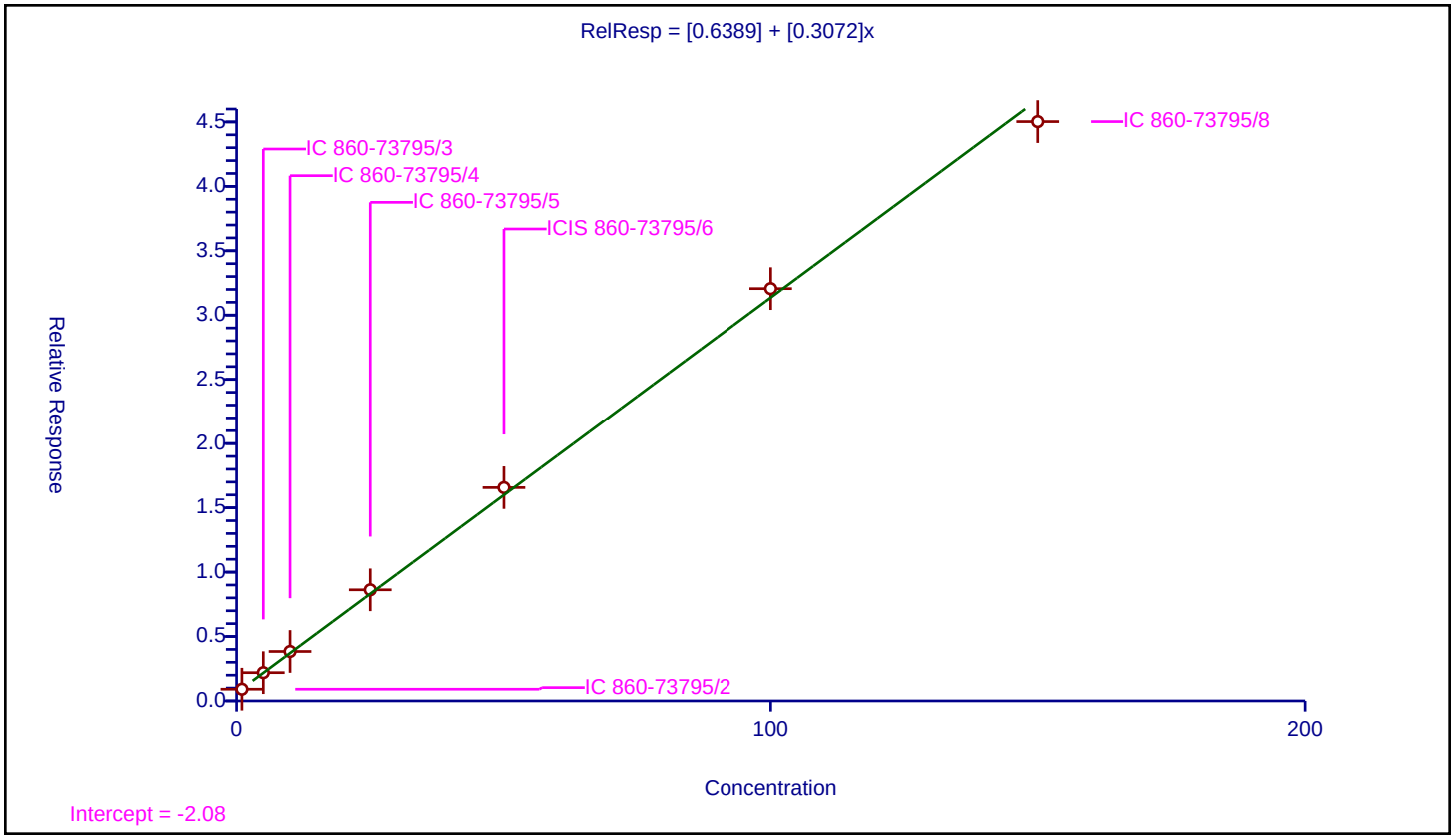
Curve Coefficients

Intercept:	0.6389
Slope:	0.3072

Error Coefficients

Standard Error:	87400
Relative Standard Error:	6.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73795/2	1.0	0.910208	50.0	151394.0	0.910208	Y
2	IC 860-73795/3	5.0	2.193121	50.0	152112.0	0.438624	Y
3	IC 860-73795/4	10.0	3.838668	50.0	152605.0	0.383867	Y
4	IC 860-73795/5	25.0	8.628286	50.0	151380.0	0.345131	Y
5	ICIS 860-73795/6	50.0	16.57175	50.0	157506.0	0.331435	Y
6	IC 860-73795/7	100.0	32.061278	50.0	164301.0	0.320613	Y
7	IC 860-73795/8	150.0	45.026112	50.0	170420.0	0.300174	Y



Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

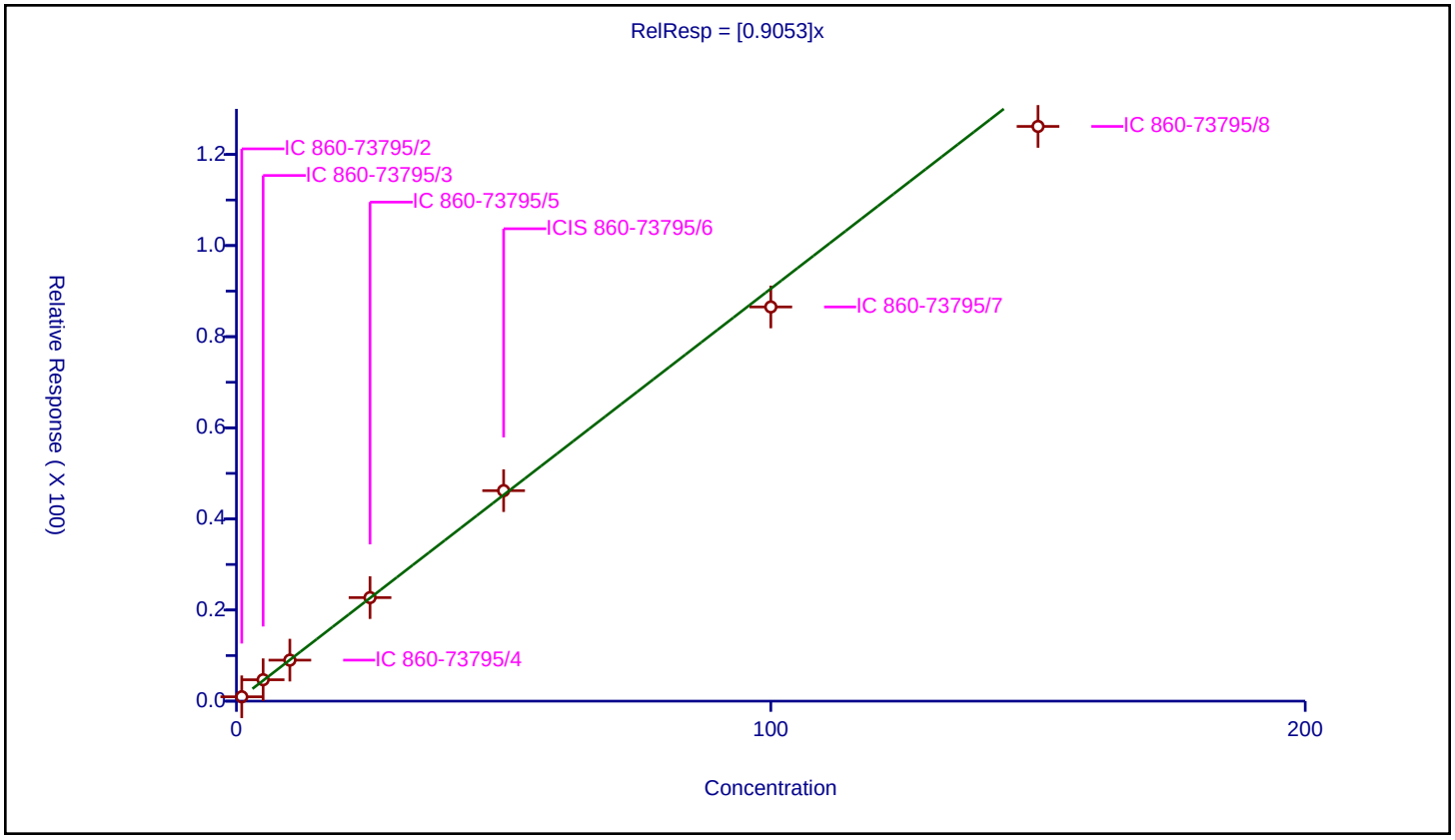
Curve Coefficients

Intercept:	0
Slope:	0.9053

Error Coefficients

Standard Error:	221000
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 860-73795/2	1.0	0.957766	50.0	151394.0	0.957766	Y
2	IC 860-73795/3	5.0	4.697197	50.0	152112.0	0.939439	Y
3	IC 860-73795/4	10.0	9.002326	50.0	152605.0	0.900233	Y
4	IC 860-73795/5	25.0	22.728564	50.0	151380.0	0.909143	Y
5	ICIS 860-73795/6	50.0	46.205541	50.0	157506.0	0.924111	Y
6	IC 860-73795/7	100.0	86.52808	50.0	164301.0	0.865281	Y
7	IC 860-73795/8	150.0	126.155381	50.0	170420.0	0.841036	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

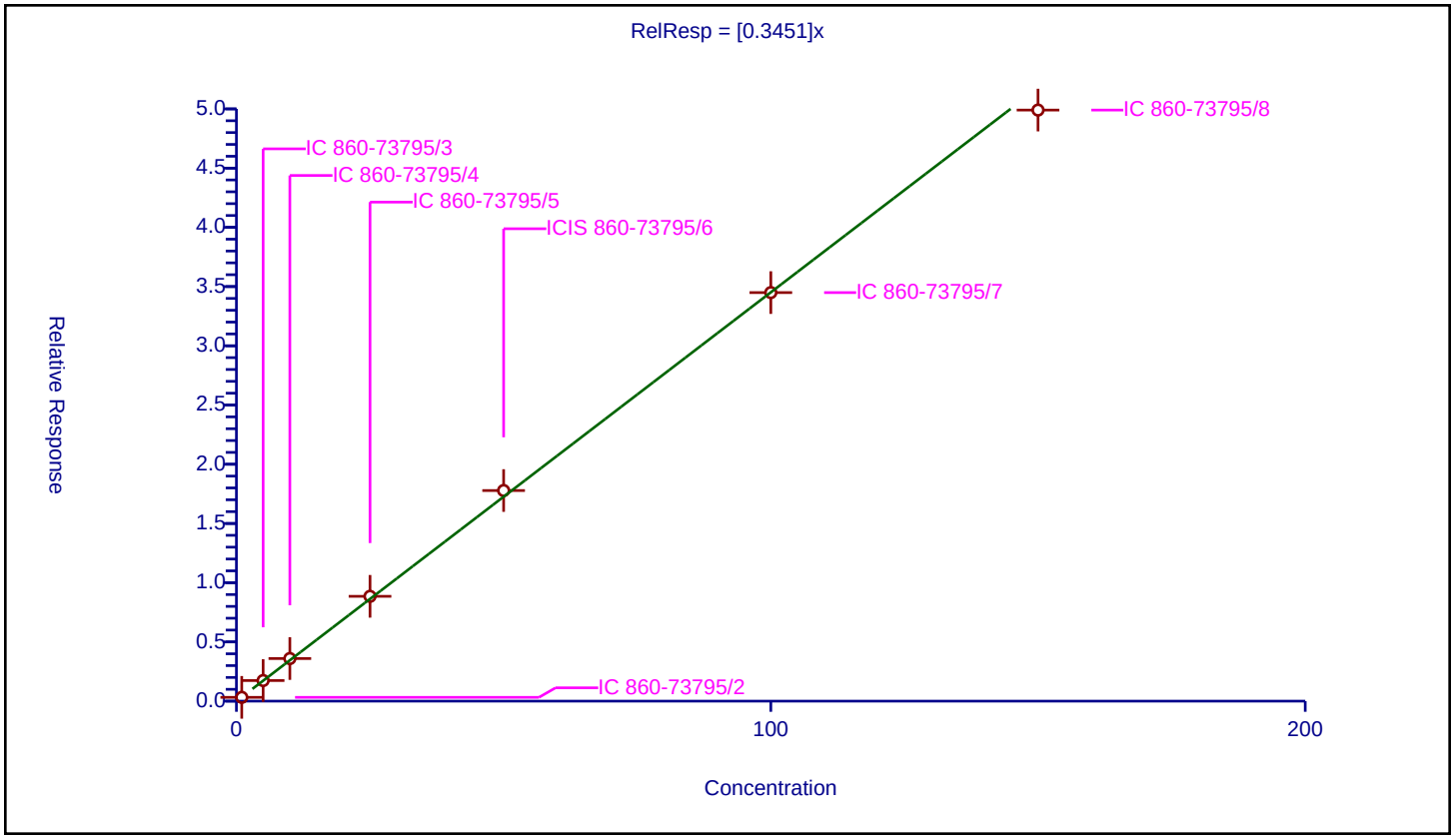
Curve Coefficients

Intercept:	0
Slope:	0.3451

Error Coefficients

Standard Error:	87300
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 860-73795/2	1.0	0.321347	50.0	151394.0	0.321347	Y
2	IC 860-73795/3	5.0	1.738522	50.0	152112.0	0.347704	Y
3	IC 860-73795/4	10.0	3.597523	50.0	152605.0	0.359752	Y
4	IC 860-73795/5	25.0	8.848923	50.0	151380.0	0.353957	Y
5	ICIS 860-73795/6	50.0	17.779958	50.0	157506.0	0.355599	Y
6	IC 860-73795/7	100.0	34.492182	50.0	164301.0	0.344922	Y
7	IC 860-73795/8	150.0	49.899953	50.0	170420.0	0.332666	Y



Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

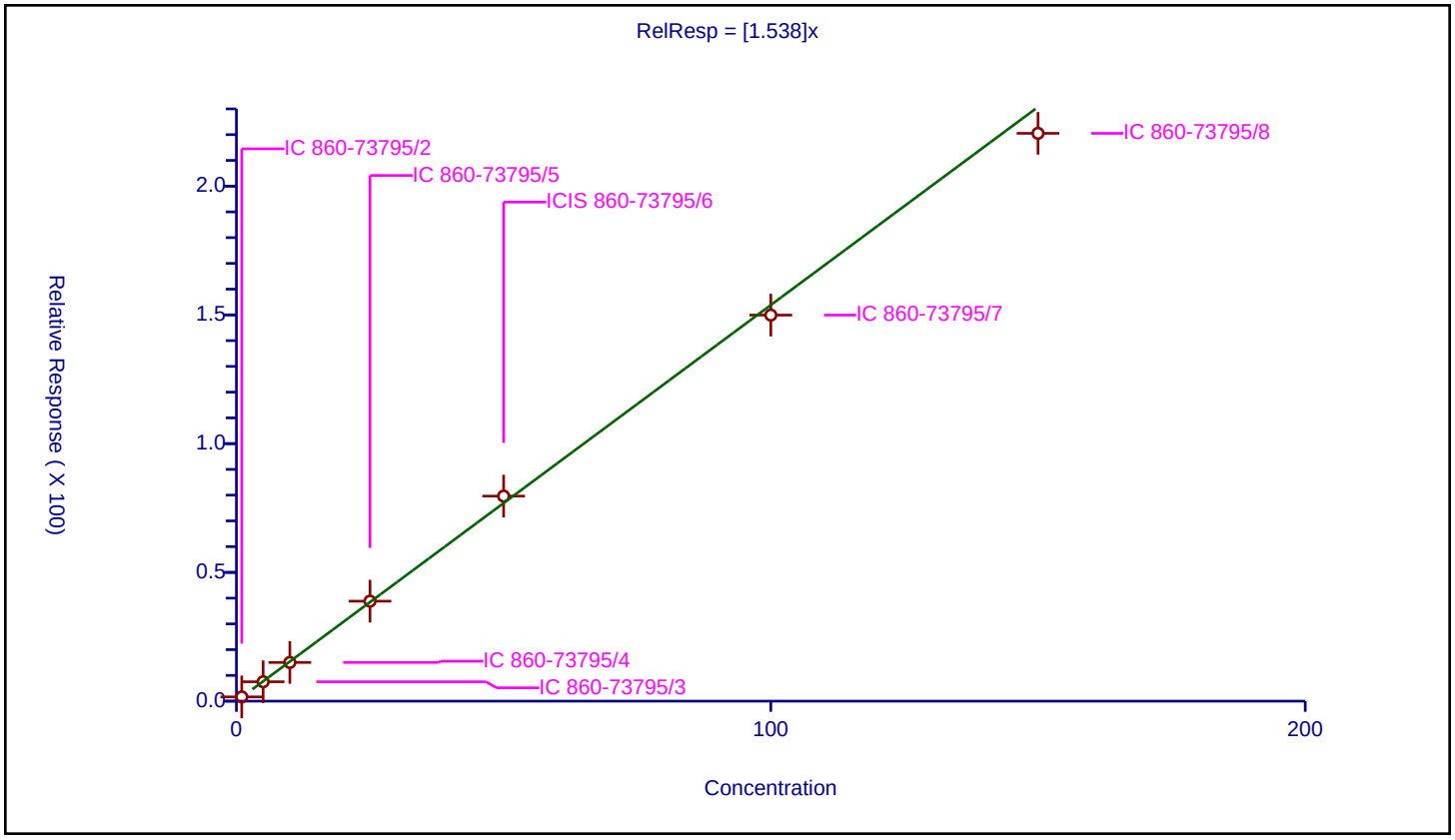
Curve Coefficients

Intercept:	0
Slope:	1.538

Error Coefficients

Standard Error:	384000
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 860-73795/2	1.0	1.646366	50.0	151394.0	1.646366	Y
2	IC 860-73795/3	5.0	7.52176	50.0	152112.0	1.504352	Y
3	IC 860-73795/4	10.0	15.021788	50.0	152605.0	1.502179	Y
4	IC 860-73795/5	25.0	38.821839	50.0	151380.0	1.552874	Y
5	ICIS 860-73795/6	50.0	79.630617	50.0	157506.0	1.592612	Y
6	IC 860-73795/7	100.0	149.924224	50.0	164301.0	1.499242	Y
7	IC 860-73795/8	150.0	220.501115	50.0	170420.0	1.470007	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

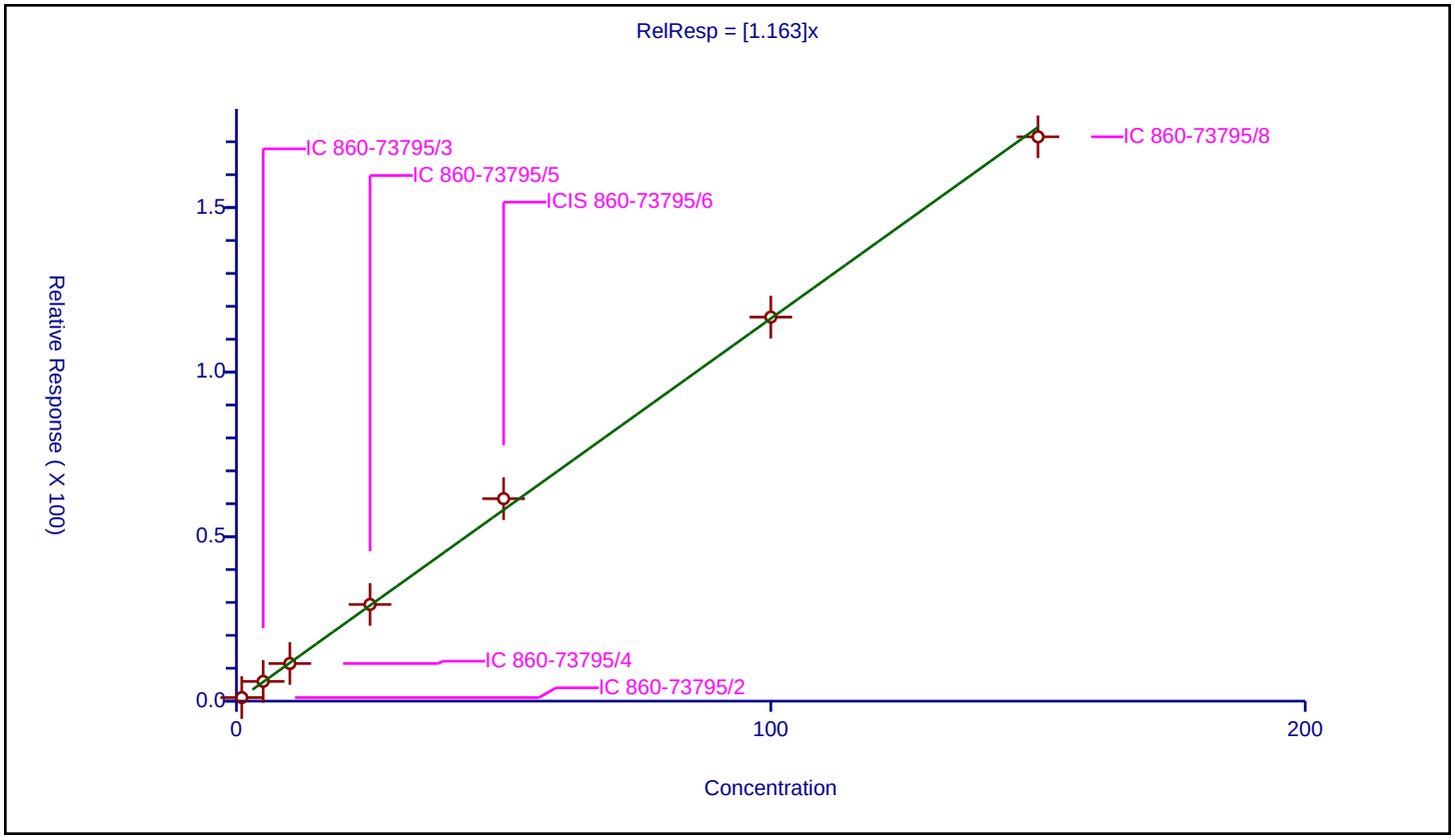
Curve Coefficients

Intercept:	0
Slope:	1.163

Error Coefficients

Standard Error:	299000
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 860-73795/2	1.0	1.079633	50.0	151394.0	1.079633	Y
2	IC 860-73795/3	5.0	6.004129	50.0	152112.0	1.200826	Y
3	IC 860-73795/4	10.0	11.436716	50.0	152605.0	1.143672	Y
4	IC 860-73795/5	25.0	29.379046	50.0	151380.0	1.175162	Y
5	ICIS 860-73795/6	50.0	61.534164	50.0	157506.0	1.230683	Y
6	IC 860-73795/7	100.0	116.723574	50.0	164301.0	1.167236	Y
7	IC 860-73795/8	150.0	171.516841	50.0	170420.0	1.143446	Y



Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

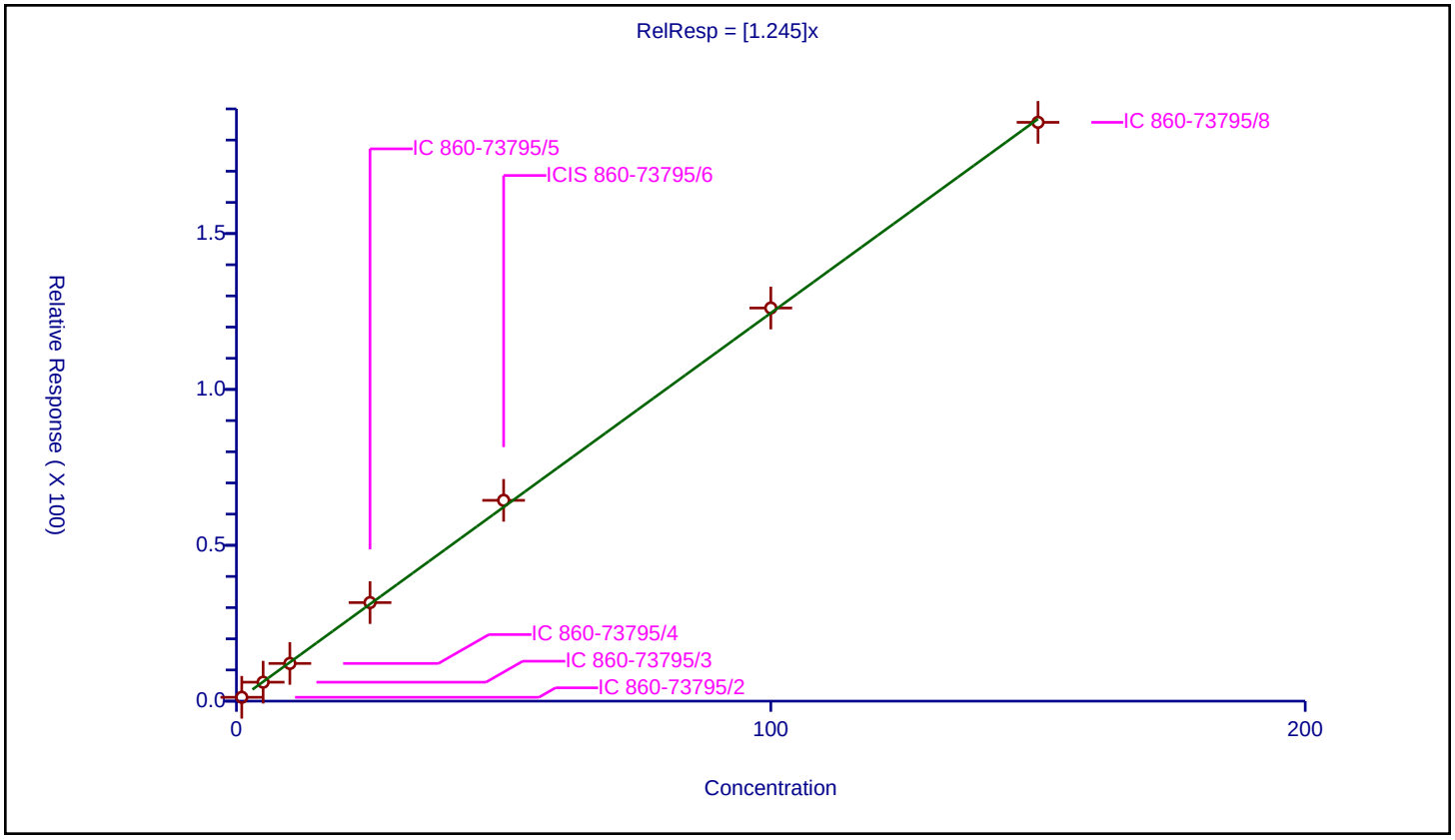
Curve Coefficients

Intercept:	0
Slope:	1.245

Error Coefficients

Standard Error:	322000
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 860-73795/2	1.0	1.23816	50.0	151394.0	1.23816	Y
2	IC 860-73795/3	5.0	6.080717	50.0	152112.0	1.216143	Y
3	IC 860-73795/4	10.0	12.093313	50.0	152605.0	1.209331	Y
4	IC 860-73795/5	25.0	31.616132	50.0	151380.0	1.264645	Y
5	ICIS 860-73795/6	50.0	64.423578	50.0	157506.0	1.288472	Y
6	IC 860-73795/7	100.0	126.118222	50.0	164301.0	1.261182	Y
7	IC 860-73795/8	150.0	185.688299	50.0	170420.0	1.237922	Y



Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

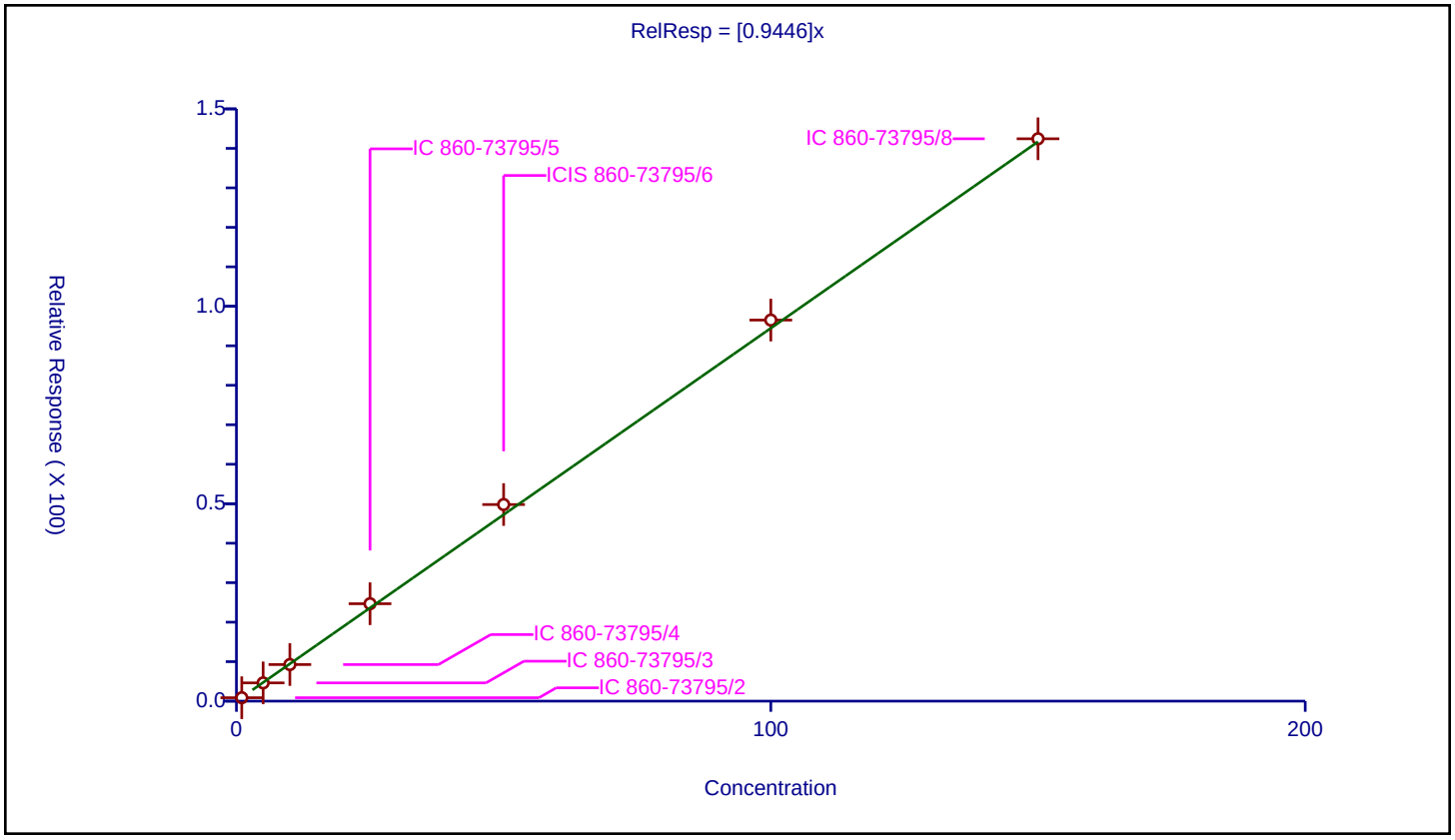
Curve Coefficients

Intercept:	0
Slope:	0.9446

Error Coefficients

Standard Error:	247000
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 860-73795/2	1.0	0.863641	50.0	151394.0	0.863641	Y
2	IC 860-73795/3	5.0	4.621595	50.0	152112.0	0.924319	Y
3	IC 860-73795/4	10.0	9.267062	50.0	152605.0	0.926706	Y
4	IC 860-73795/5	25.0	24.673669	50.0	151380.0	0.986947	Y
5	ICIS 860-73795/6	50.0	49.790484	50.0	157506.0	0.99581	Y
6	IC 860-73795/7	100.0	96.512498	50.0	164301.0	0.965125	Y
7	IC 860-73795/8	150.0	142.432226	50.0	170420.0	0.949548	Y



Calibration / Bromoform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

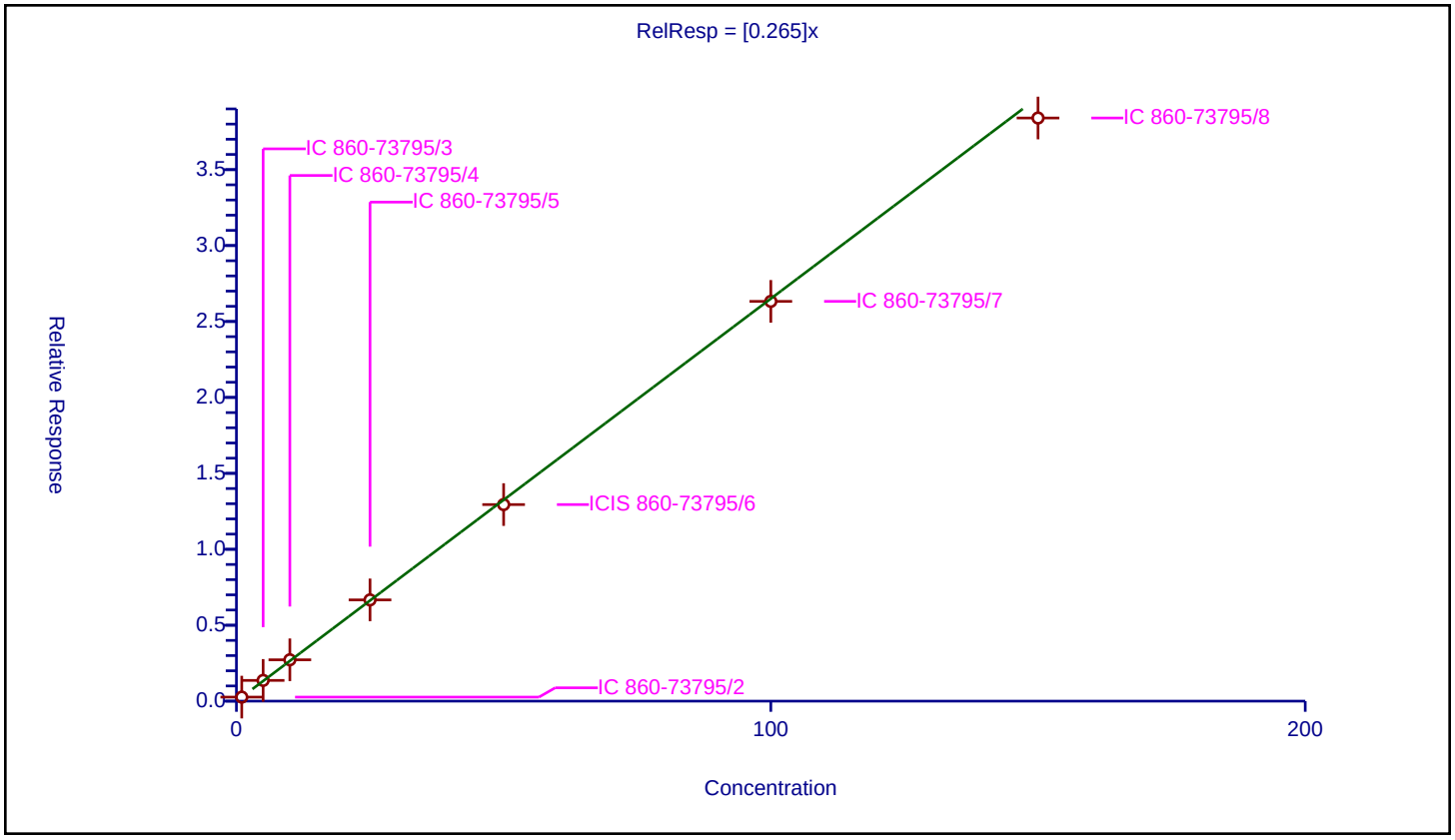
Curve Coefficients

Intercept:	0
Slope:	0.265

Error Coefficients

Standard Error:	66800
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 860-73795/2	1.0	0.264872	50.0	151394.0	0.264872	Y
2	IC 860-73795/3	5.0	1.366099	50.0	152112.0	0.27322	Y
3	IC 860-73795/4	10.0	2.723043	50.0	152605.0	0.272304	Y
4	IC 860-73795/5	25.0	6.666667	50.0	151380.0	0.266667	Y
5	ICIS 860-73795/6	50.0	12.943634	50.0	157506.0	0.258873	Y
6	IC 860-73795/7	100.0	26.324246	50.0	164301.0	0.263242	Y
7	IC 860-73795/8	150.0	38.400422	50.0	170420.0	0.256003	Y



Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

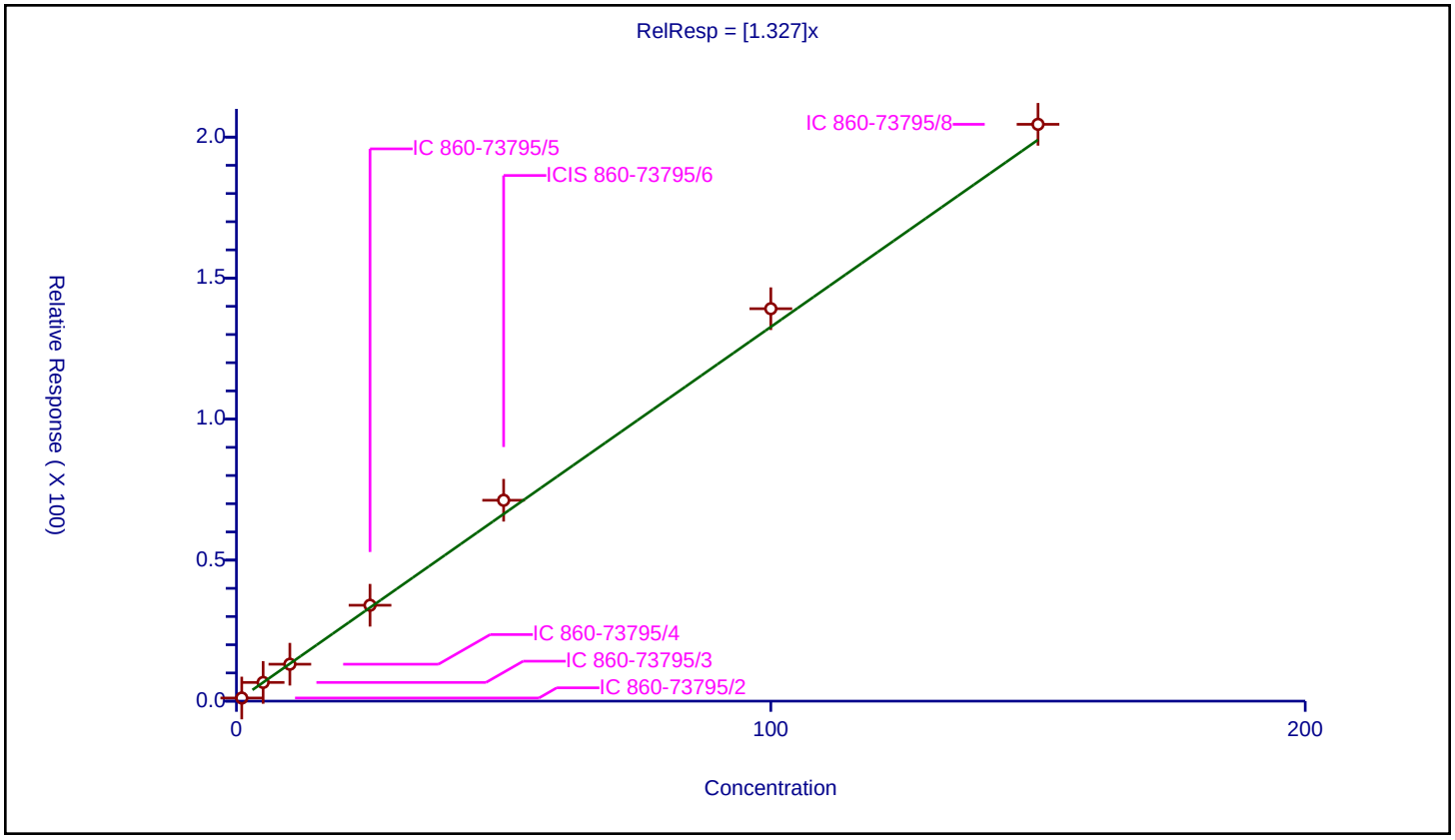
Curve Coefficients

Intercept:	0
Slope:	1.327

Error Coefficients

Standard Error:	355000
Relative Standard Error:	7.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73795/2	1.0	1.11332	50.0	151394.0	1.11332	Y
2	IC 860-73795/3	5.0	6.632613	50.0	152112.0	1.326523	Y
3	IC 860-73795/4	10.0	13.093608	50.0	152605.0	1.309361	Y
4	IC 860-73795/5	25.0	33.999868	50.0	151380.0	1.359995	Y
5	ICIS 860-73795/6	50.0	71.232524	50.0	157506.0	1.42465	Y
6	IC 860-73795/7	100.0	139.147358	50.0	164301.0	1.391474	Y
7	IC 860-73795/8	150.0	204.532625	50.0	170420.0	1.363551	Y



Calibration / cis-1,4-Dichloro-2-butene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

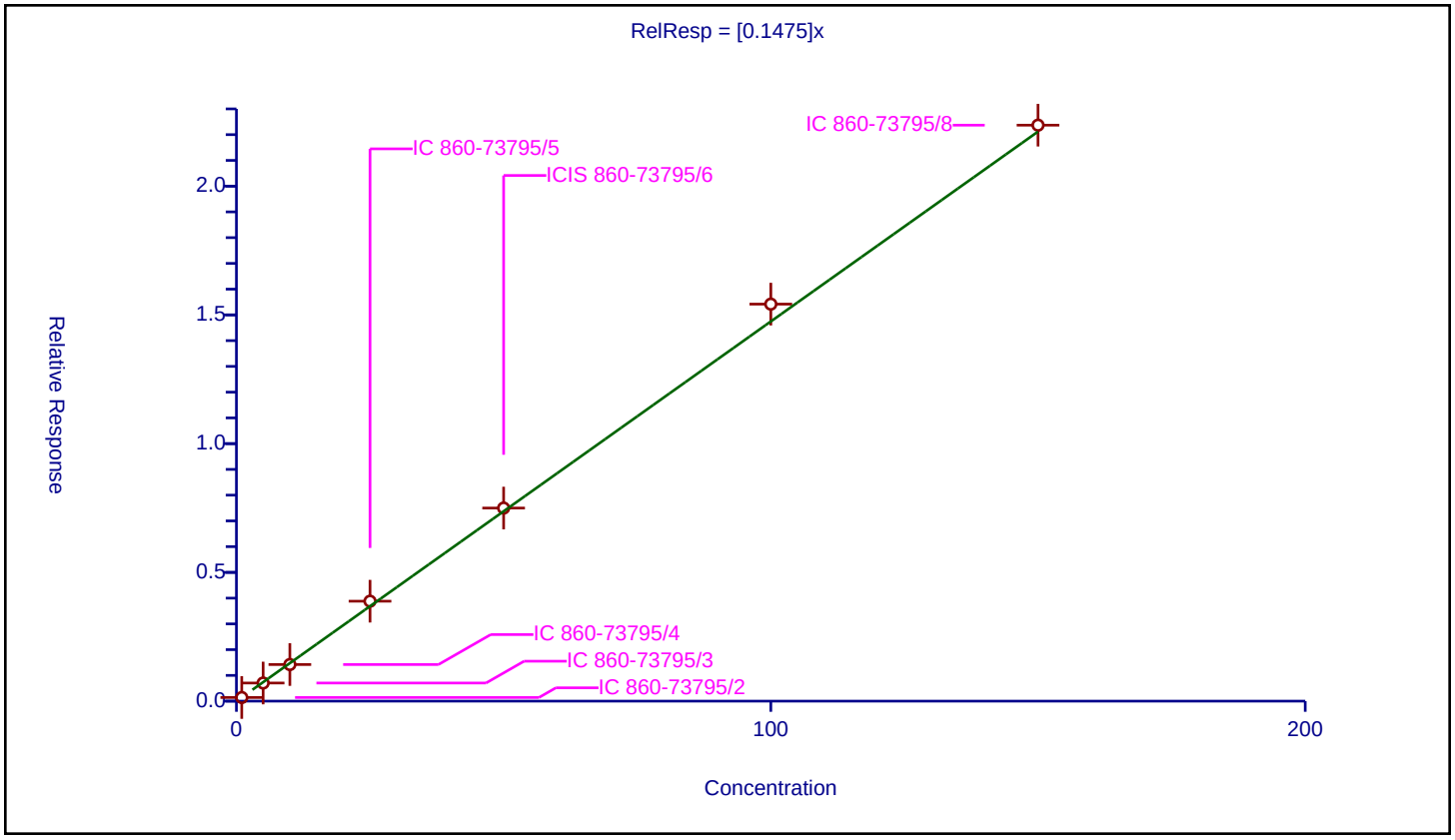
Curve Coefficients

Intercept:	0
Slope:	0.1475

Error Coefficients

Standard Error:	38900
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 860-73795/2	1.0	0.140692	50.0	151394.0	0.140692	Y
2	IC 860-73795/3	5.0	0.704086	50.0	152112.0	0.140817	Y
3	IC 860-73795/4	10.0	1.421316	50.0	152605.0	0.142132	Y
4	IC 860-73795/5	25.0	3.881292	50.0	151380.0	0.155252	Y
5	ICIS 860-73795/6	50.0	7.498127	50.0	157506.0	0.149963	Y
6	IC 860-73795/7	100.0	15.418348	50.0	164301.0	0.154183	Y
7	IC 860-73795/8	150.0	22.36768	50.0	170420.0	0.149118	Y



Calibration / Cyclohexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

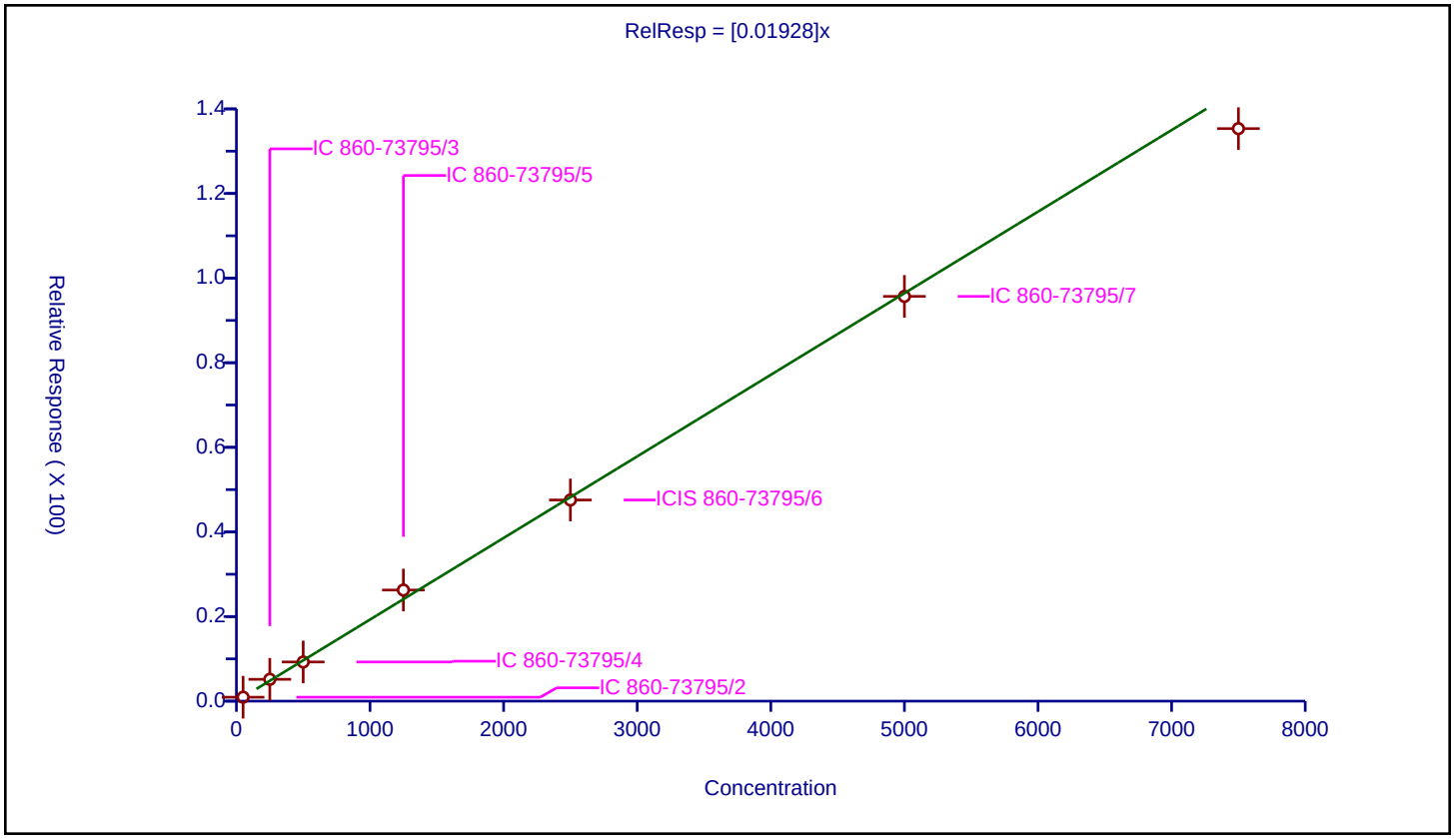
Curve Coefficients

Intercept:	0
Slope:	0.01928

Error Coefficients

Standard Error:	238000
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 860-73795/2	50.0	0.931675	50.0	151394.0	0.018633	Y
2	IC 860-73795/3	250.0	5.159028	50.0	152112.0	0.020636	Y
3	IC 860-73795/4	500.0	9.255922	50.0	152605.0	0.018512	Y
4	IC 860-73795/5	1250.0	26.261065	50.0	151380.0	0.021009	Y
5	ICIS 860-73795/6	2500.0	47.549935	50.0	157506.0	0.01902	Y
6	IC 860-73795/7	5000.0	95.676228	50.0	164301.0	0.019135	Y
7	IC 860-73795/8	7500.0	135.337108	50.0	170420.0	0.018045	Y



Calibration / 4-Bromofluorobenzene (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

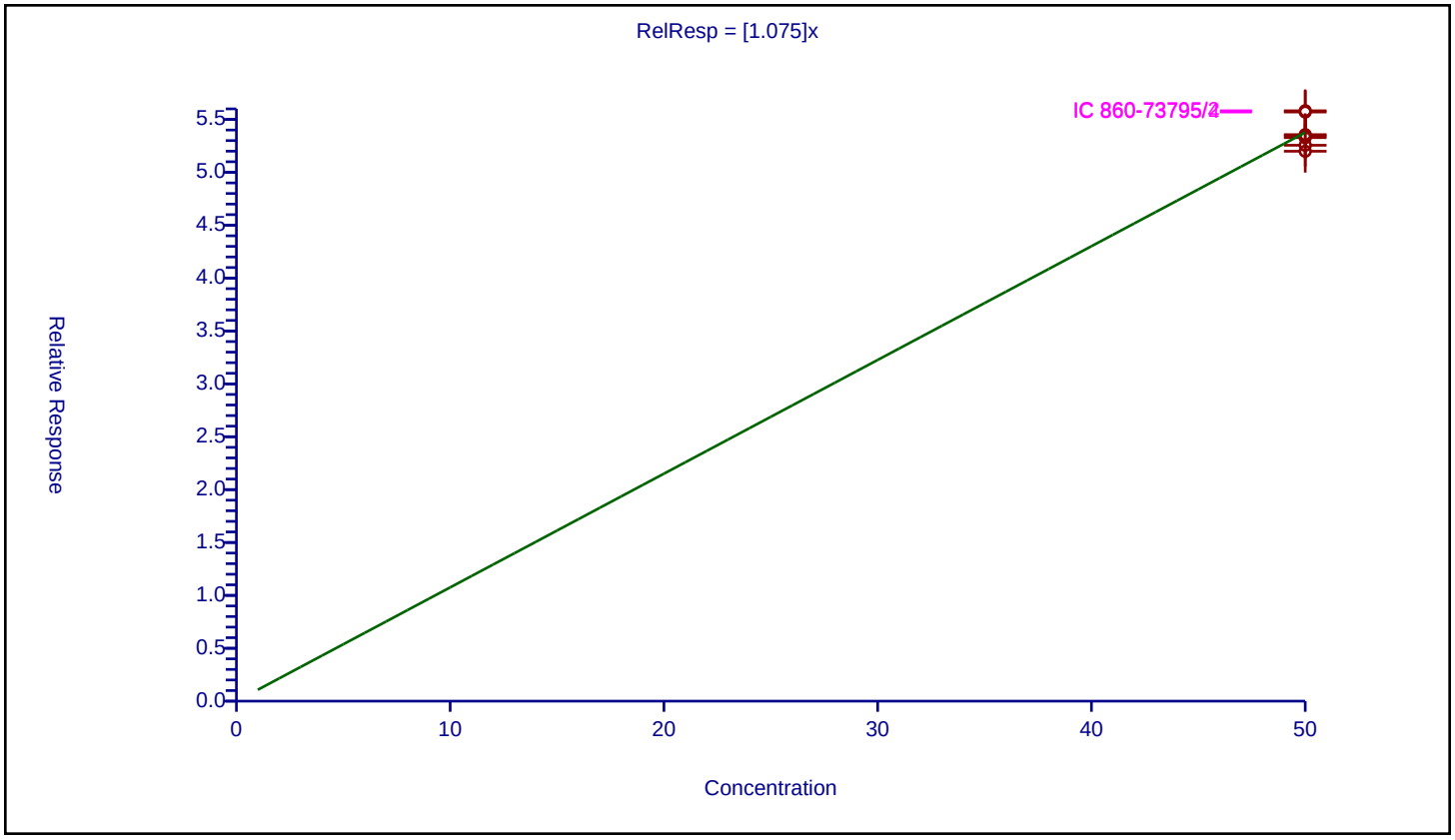
Curve Coefficients

Intercept:	0
Slope:	1.075

Error Coefficients

Standard Error:	87800
Relative Standard Error:	2.7
Correlation Coefficient:	0.00000000000000000000
Coefficient of Determination (Adjusted):	0.000000000000000222

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73795/2	50.0	55.821406	50.0	66934.0	1.116428	Y
2	IC 860-73795/3	50.0	53.565427	50.0	70819.0	1.071309	Y
3	IC 860-73795/4	50.0	55.702095	50.0	70781.0	1.114042	Y
4	IC 860-73795/5	50.0	53.452431	50.0	73861.0	1.069049	Y
5	ICIS 860-73795/6	50.0	52.558815	50.0	79529.0	1.051176	Y
6	IC 860-73795/7	50.0	53.279267	50.0	80765.0	1.065585	Y
7	IC 860-73795/8	50.0	51.992608	50.0	86846.0	1.039852	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

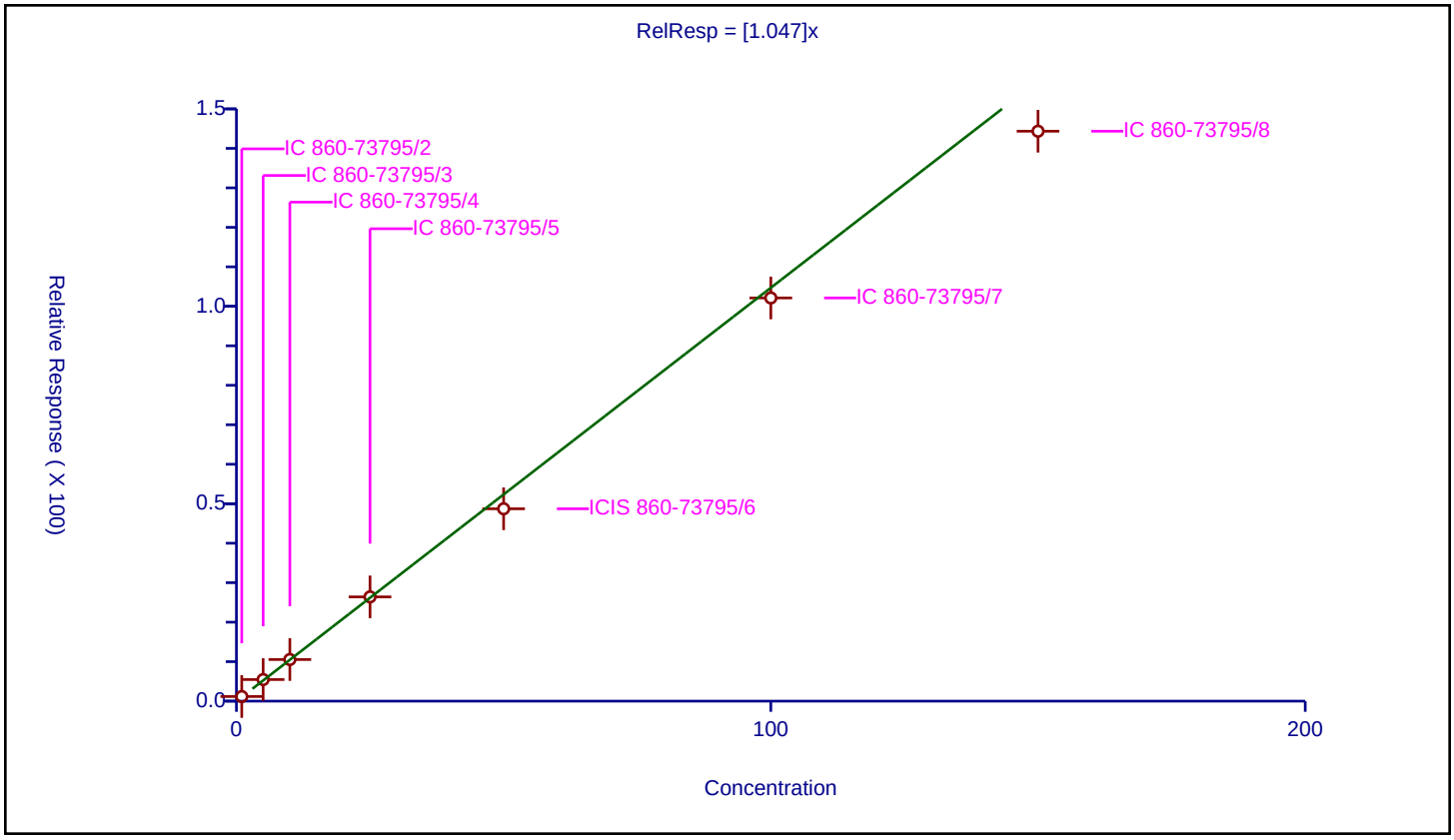
Curve Coefficients

Intercept:	0
Slope:	1.047

Error Coefficients

Standard Error:	128000
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 860-73795/2	1.0	1.167568	50.0	66934.0	1.167568	Y
2	IC 860-73795/3	5.0	5.463929	50.0	70819.0	1.092786	Y
3	IC 860-73795/4	10.0	10.538845	50.0	70781.0	1.053885	Y
4	IC 860-73795/5	25.0	26.405004	50.0	73861.0	1.0562	Y
5	ICIS 860-73795/6	50.0	48.718706	50.0	79529.0	0.974374	Y
6	IC 860-73795/7	100.0	102.120349	50.0	80765.0	1.021203	Y
7	IC 860-73795/8	150.0	144.348617	50.0	86846.0	0.962324	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

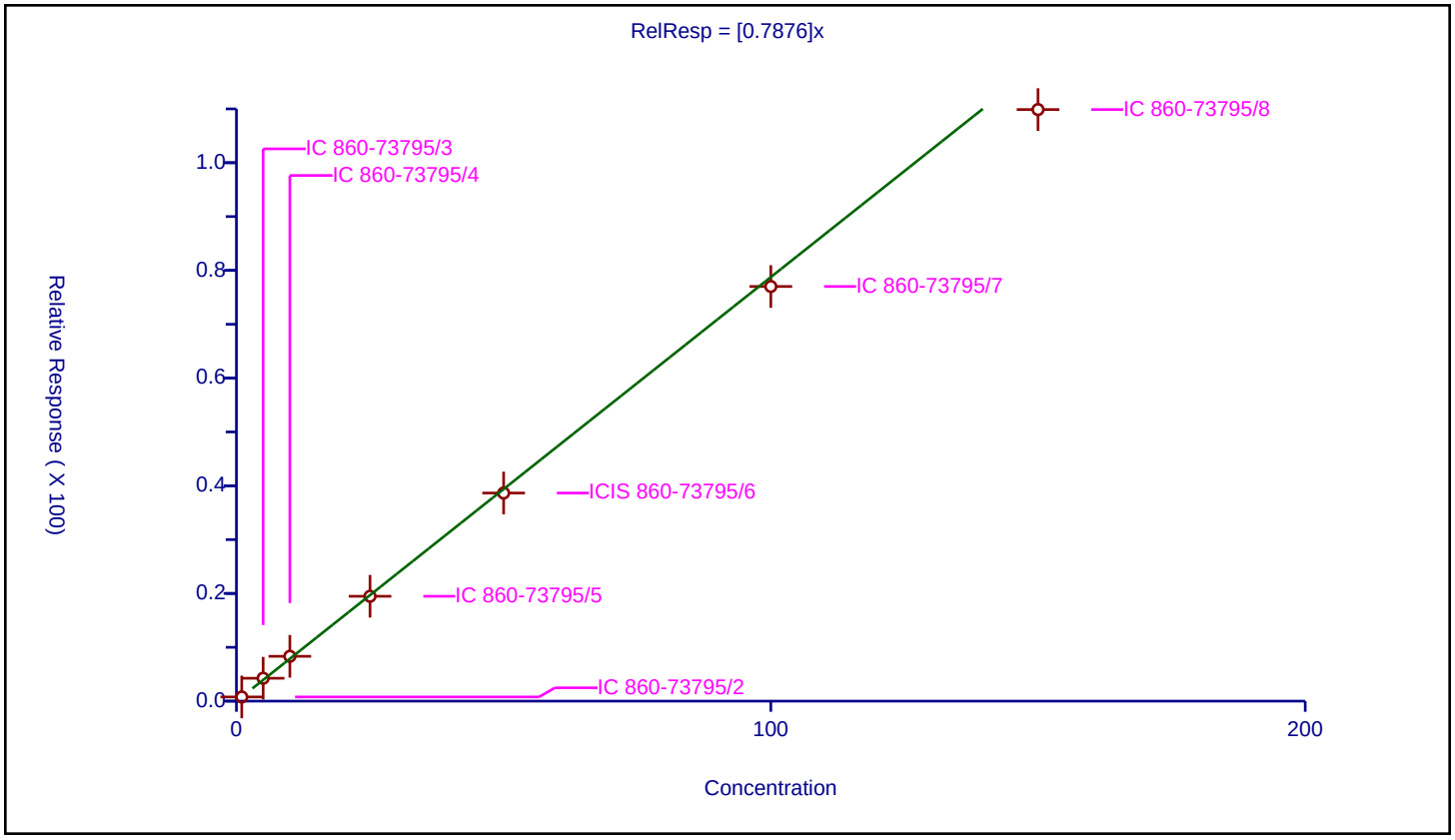
Curve Coefficients

Intercept:	0
Slope:	0.7876

Error Coefficients

Standard Error:	97100
Relative Standard Error:	5.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73795/2	1.0	0.775391	50.0	66934.0	0.775391	Y
2	IC 860-73795/3	5.0	4.249566	50.0	70819.0	0.849913	Y
3	IC 860-73795/4	10.0	8.328506	50.0	70781.0	0.832851	Y
4	IC 860-73795/5	25.0	19.479157	50.0	73861.0	0.779166	Y
5	ICIS 860-73795/6	50.0	38.651938	50.0	79529.0	0.773039	Y
6	IC 860-73795/7	100.0	77.015415	50.0	80765.0	0.770154	Y
7	IC 860-73795/8	150.0	109.874375	50.0	86846.0	0.732496	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

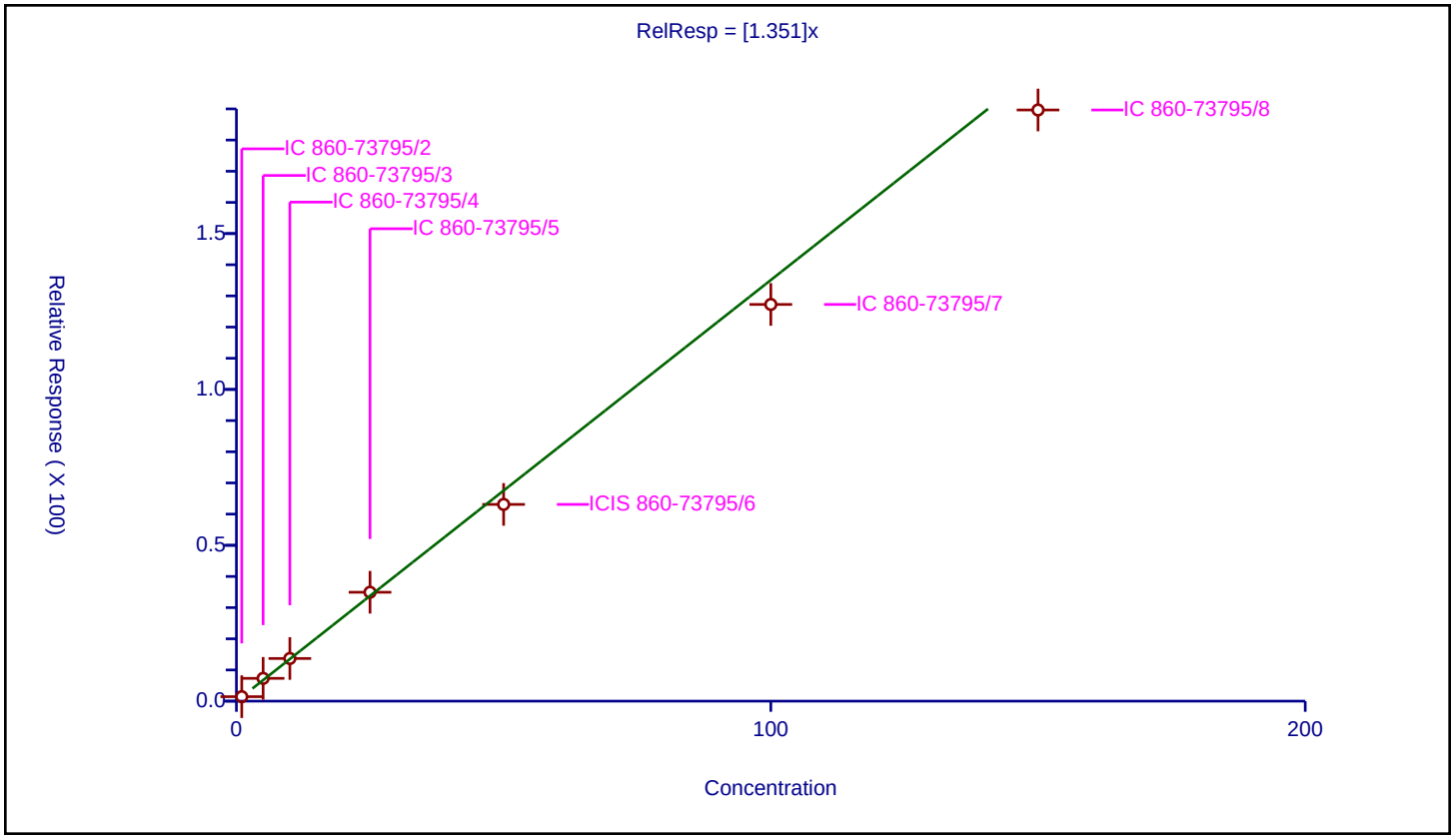
Curve Coefficients

Intercept:	0
Slope:	1.351

Error Coefficients

Standard Error:	165000
Relative Standard Error:	6.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73795/2	1.0	1.429767	50.0	66934.0	1.429767	Y
2	IC 860-73795/3	5.0	7.306655	50.0	70819.0	1.461331	Y
3	IC 860-73795/4	10.0	13.684463	50.0	70781.0	1.368446	Y
4	IC 860-73795/5	25.0	34.933185	50.0	73861.0	1.397327	Y
5	ICIS 860-73795/6	50.0	63.11597	50.0	79529.0	1.262319	Y
6	IC 860-73795/7	100.0	127.266762	50.0	80765.0	1.272668	Y
7	IC 860-73795/8	150.0	189.646616	50.0	86846.0	1.264311	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

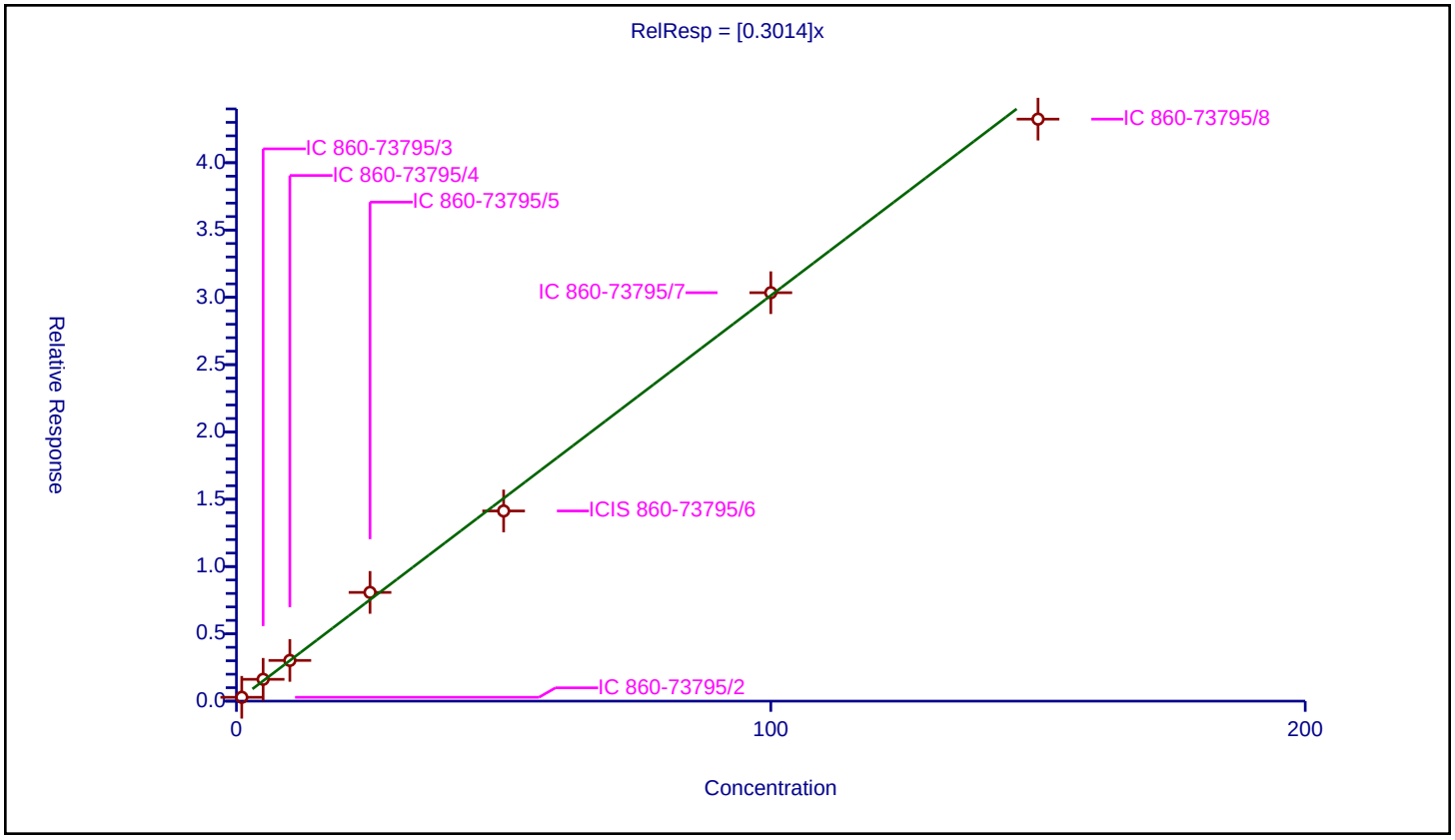
Curve Coefficients

Intercept:	0
Slope:	0.3014

Error Coefficients

Standard Error:	38100
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 860-73795/2	1.0	0.285356	50.0	66934.0	0.285356	Y
2	IC 860-73795/3	5.0	1.62174	50.0	70819.0	0.324348	Y
3	IC 860-73795/4	10.0	3.024117	50.0	70781.0	0.302412	Y
4	IC 860-73795/5	25.0	8.077334	50.0	73861.0	0.323093	Y
5	ICIS 860-73795/6	50.0	14.130066	50.0	79529.0	0.282601	Y
6	IC 860-73795/7	100.0	30.344209	50.0	80765.0	0.303442	Y
7	IC 860-73795/8	150.0	43.239182	50.0	86846.0	0.288261	Y



Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

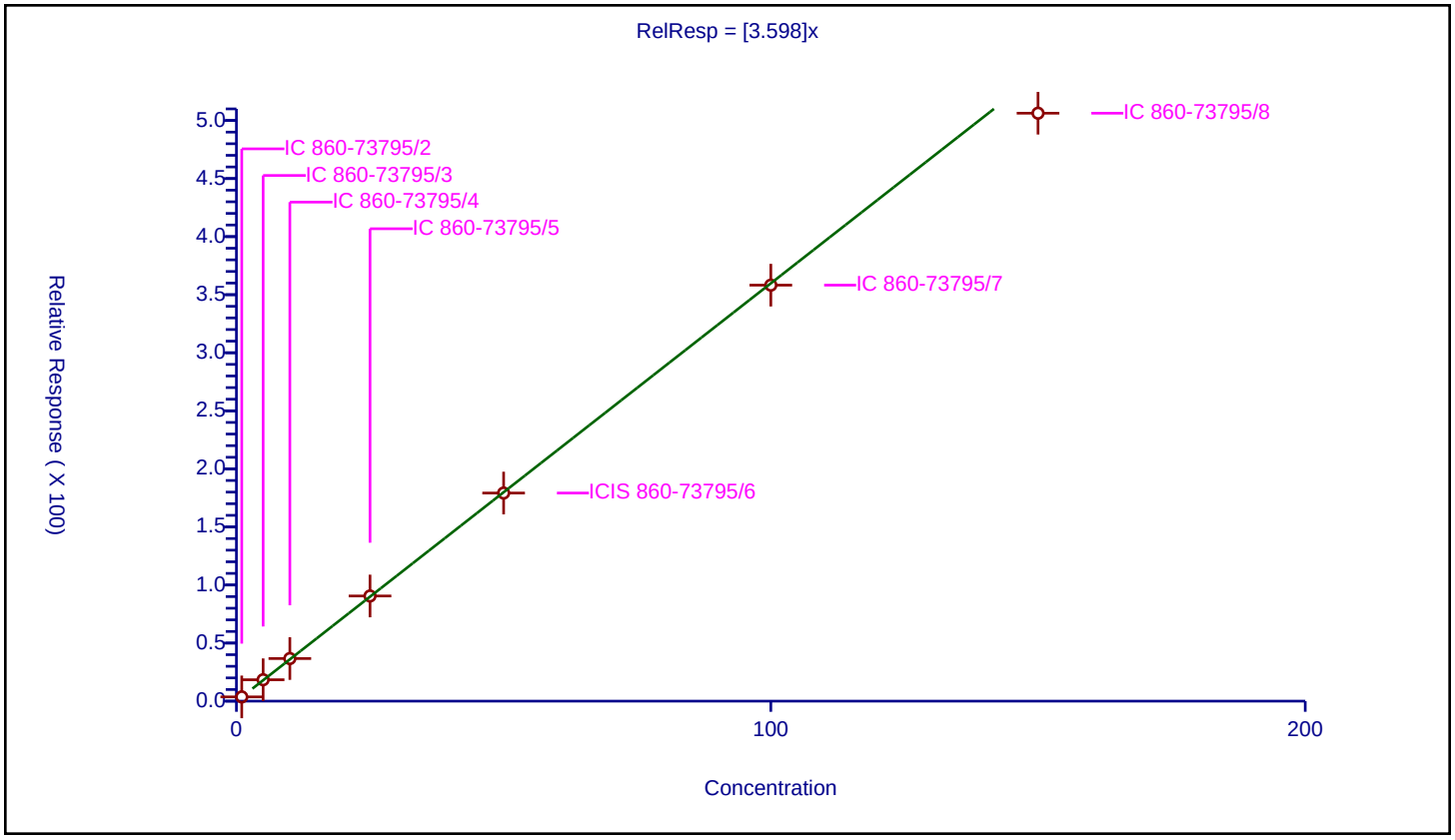
Curve Coefficients

Intercept:	0
Slope:	3.598

Error Coefficients

Standard Error:	449000
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 860-73795/2	1.0	3.664057	50.0	66934.0	3.664057	Y
2	IC 860-73795/3	5.0	18.435731	50.0	70819.0	3.687146	Y
3	IC 860-73795/4	10.0	36.687105	50.0	70781.0	3.668711	Y
4	IC 860-73795/5	25.0	90.567417	50.0	73861.0	3.622697	Y
5	ICIS 860-73795/6	50.0	179.215129	50.0	79529.0	3.584303	Y
6	IC 860-73795/7	100.0	358.218907	50.0	80765.0	3.582189	Y
7	IC 860-73795/8	150.0	506.275476	50.0	86846.0	3.37517	Y



Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

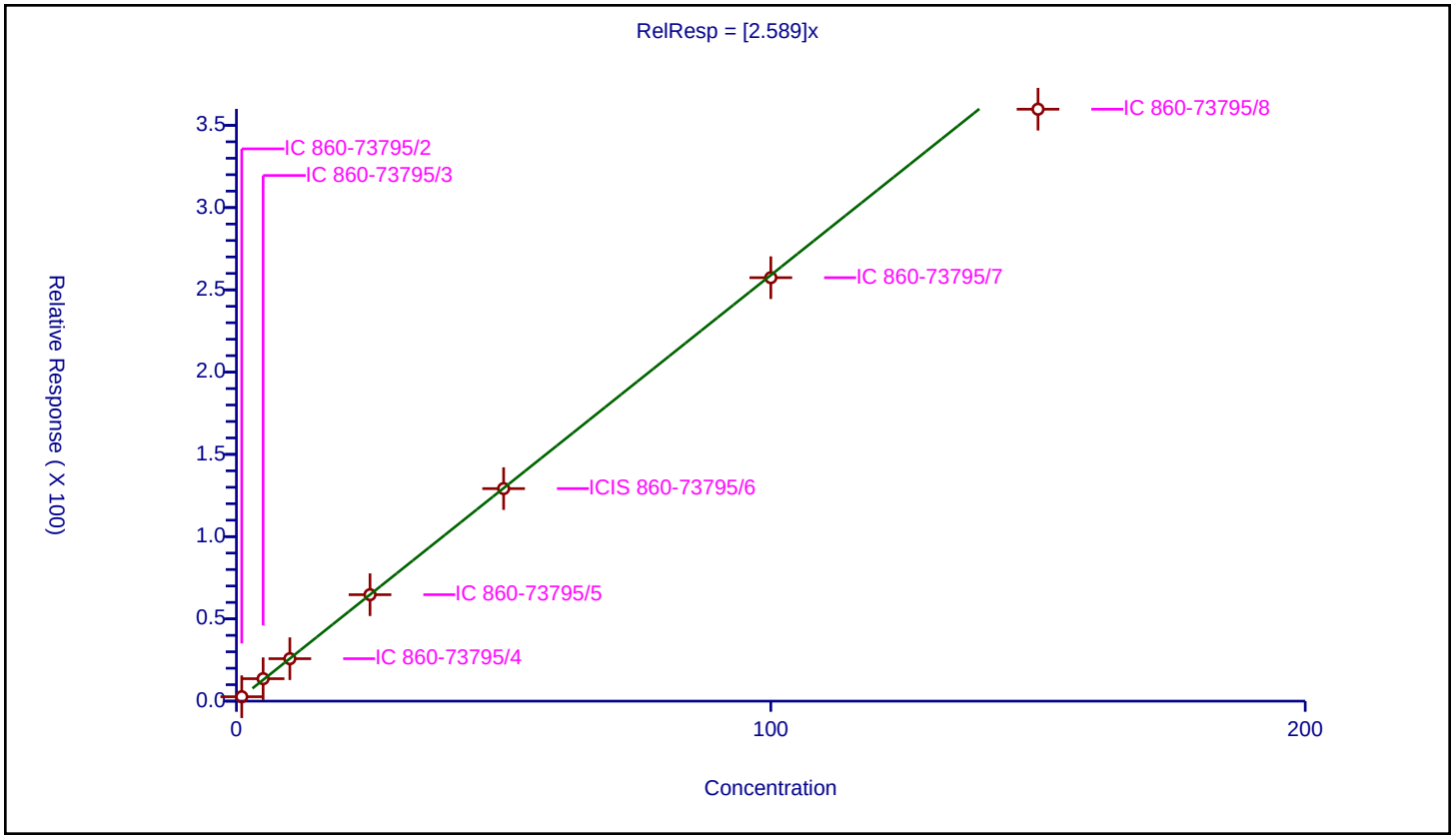
Curve Coefficients

Intercept:	0
Slope:	2.589

Error Coefficients

Standard Error:	320000
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 860-73795/2	1.0	2.672035	50.0	66934.0	2.672035	Y
2	IC 860-73795/3	5.0	13.647467	50.0	70819.0	2.729493	Y
3	IC 860-73795/4	10.0	25.802122	50.0	70781.0	2.580212	Y
4	IC 860-73795/5	25.0	64.709387	50.0	73861.0	2.588375	Y
5	ICIS 860-73795/6	50.0	129.178664	50.0	79529.0	2.583573	Y
6	IC 860-73795/7	100.0	257.401721	50.0	80765.0	2.574017	Y
7	IC 860-73795/8	150.0	359.804712	50.0	86846.0	2.398698	Y



Calibration / 4-Ethyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

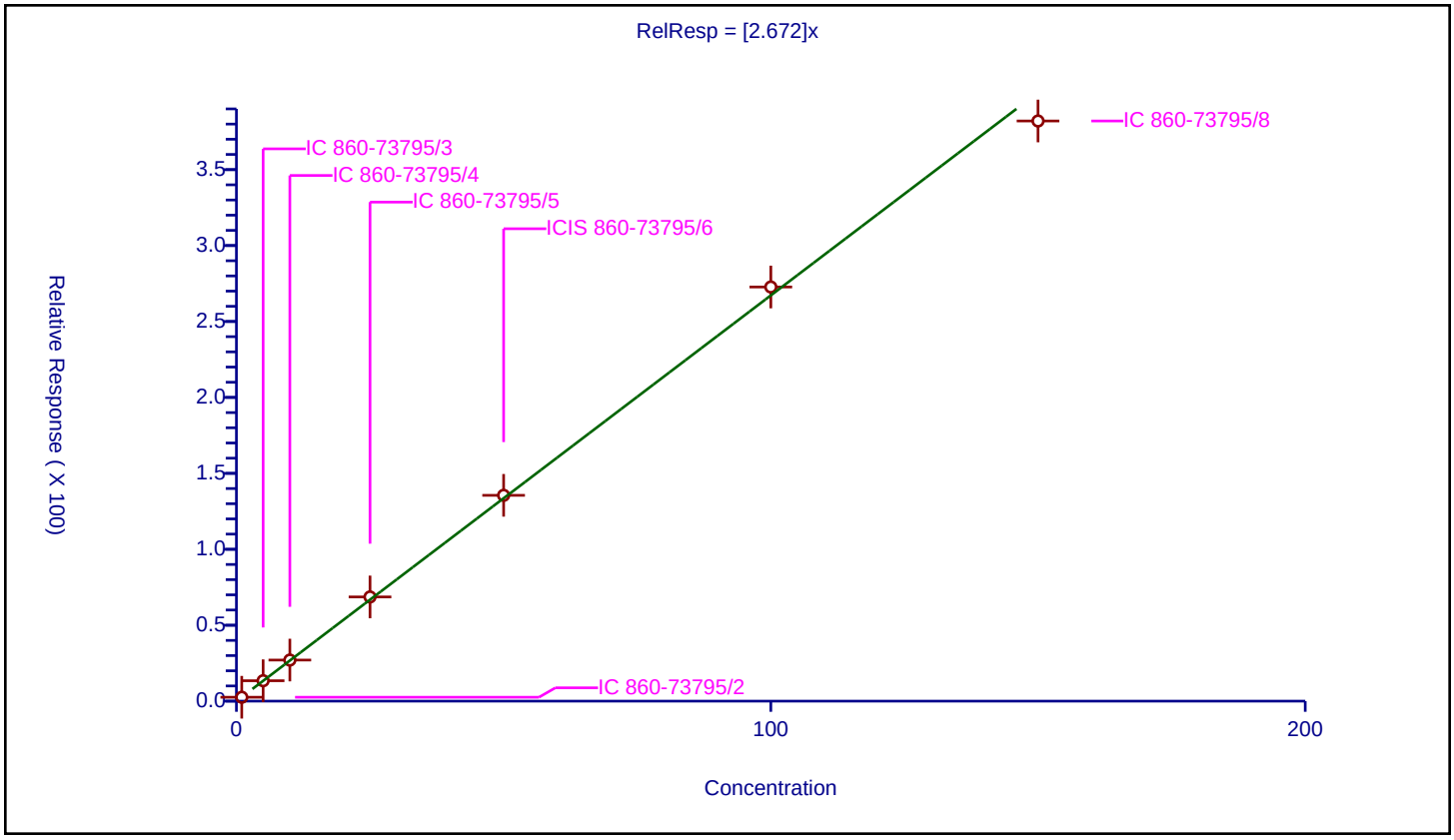
Curve Coefficients

Intercept:	0
Slope:	2.672

Error Coefficients

Standard Error:	340000
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 860-73795/2	1.0	2.577913	50.0	66934.0	2.577913	Y
2	IC 860-73795/3	5.0	13.451192	50.0	70819.0	2.690238	Y
3	IC 860-73795/4	10.0	27.055283	50.0	70781.0	2.705528	Y
4	IC 860-73795/5	25.0	68.620788	50.0	73861.0	2.744832	Y
5	ICIS 860-73795/6	50.0	135.537351	50.0	79529.0	2.710747	Y
6	IC 860-73795/7	100.0	272.71838	50.0	80765.0	2.727184	Y
7	IC 860-73795/8	150.0	382.034866	50.0	86846.0	2.546899	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

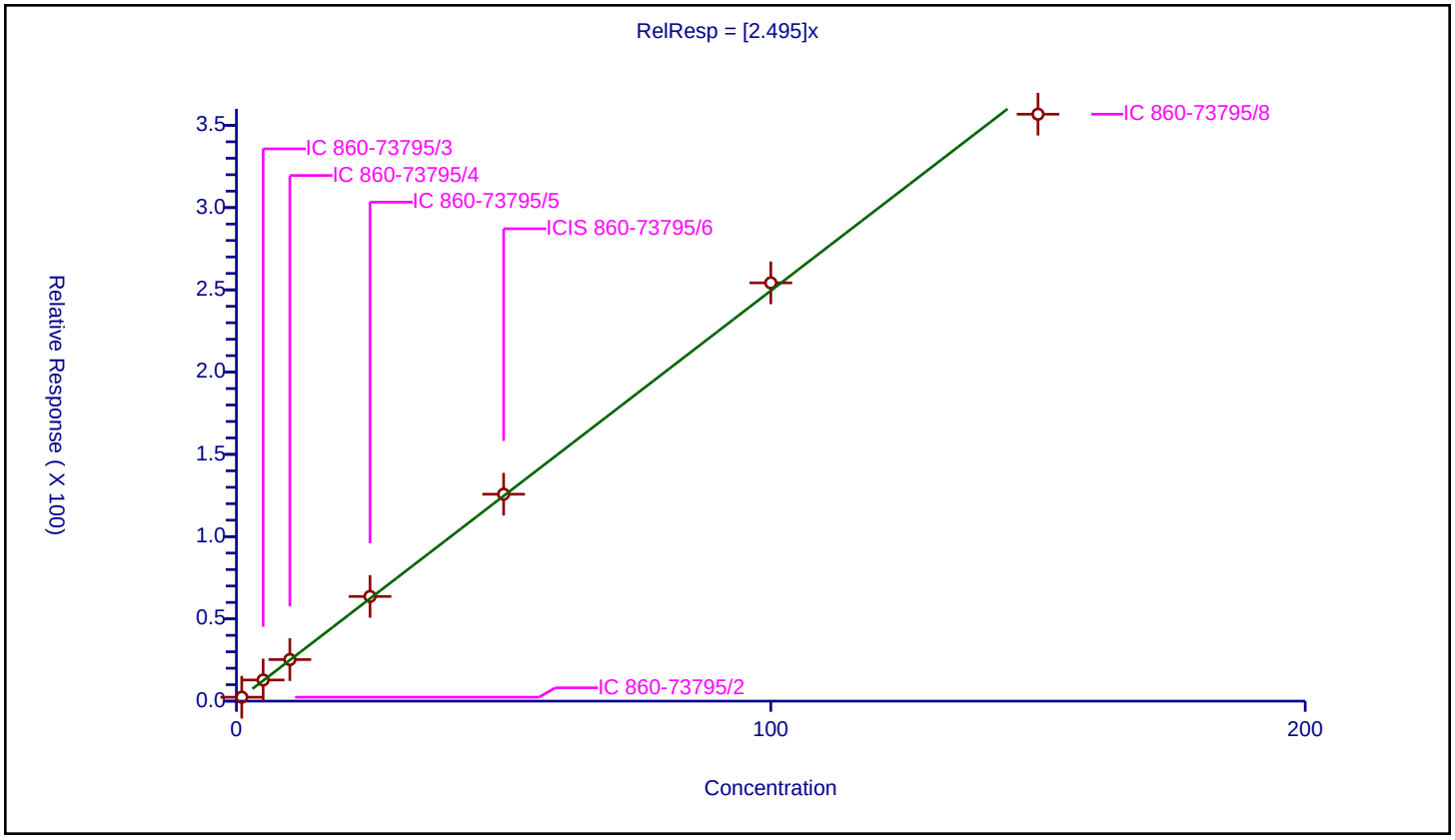
Curve Coefficients

Intercept:	0
Slope:	2.495

Error Coefficients

Standard Error:	317000
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 860-73795/2	1.0	2.386679	50.0	66934.0	2.386679	Y
2	IC 860-73795/3	5.0	12.839775	50.0	70819.0	2.567955	Y
3	IC 860-73795/4	10.0	25.269493	50.0	70781.0	2.526949	Y
4	IC 860-73795/5	25.0	63.626271	50.0	73861.0	2.545051	Y
5	ICIS 860-73795/6	50.0	125.780533	50.0	79529.0	2.515611	Y
6	IC 860-73795/7	100.0	254.261128	50.0	80765.0	2.542611	Y
7	IC 860-73795/8	150.0	356.776938	50.0	86846.0	2.378513	Y



Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

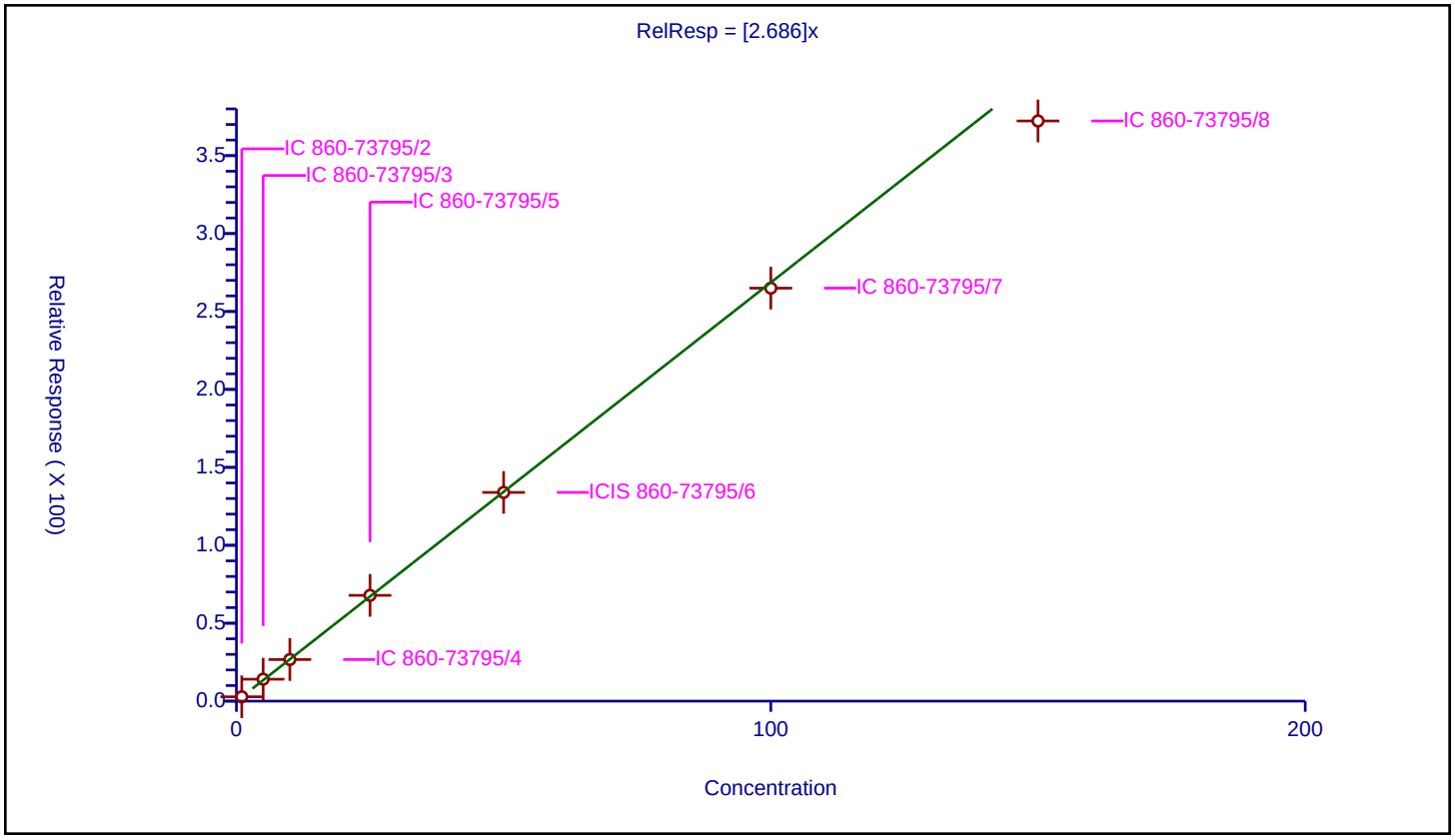
Curve Coefficients

Intercept:	0
Slope:	2.686

Error Coefficients

Standard Error:	331000
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 860-73795/2	1.0	2.795291	50.0	66934.0	2.795291	Y
2	IC 860-73795/3	5.0	14.064728	50.0	70819.0	2.812946	Y
3	IC 860-73795/4	10.0	26.692191	50.0	70781.0	2.669219	Y
4	IC 860-73795/5	25.0	67.876146	50.0	73861.0	2.715046	Y
5	ICIS 860-73795/6	50.0	133.919702	50.0	79529.0	2.678394	Y
6	IC 860-73795/7	100.0	264.997833	50.0	80765.0	2.649978	Y
7	IC 860-73795/8	150.0	372.267001	50.0	86846.0	2.48178	Y



Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

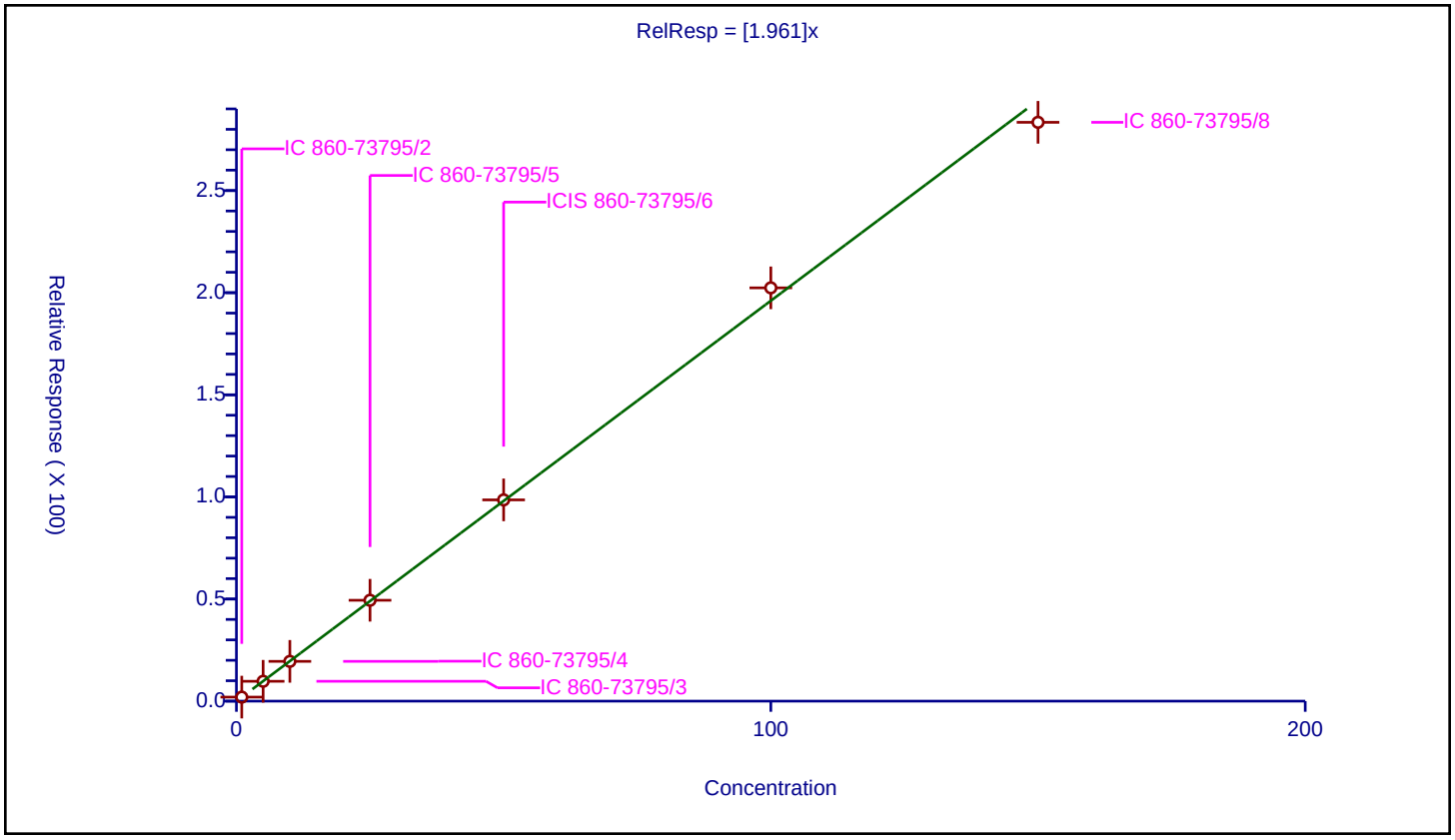
Curve Coefficients

Intercept:	0
Slope:	1.961

Error Coefficients

Standard Error:	252000
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 860-73795/2	1.0	1.970598	50.0	66934.0	1.970598	Y
2	IC 860-73795/3	5.0	9.727615	50.0	70819.0	1.945523	Y
3	IC 860-73795/4	10.0	19.477685	50.0	70781.0	1.947768	Y
4	IC 860-73795/5	25.0	49.396163	50.0	73861.0	1.975847	Y
5	ICIS 860-73795/6	50.0	98.551472	50.0	79529.0	1.971029	Y
6	IC 860-73795/7	100.0	202.374791	50.0	80765.0	2.023748	Y
7	IC 860-73795/8	150.0	283.429864	50.0	86846.0	1.889532	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

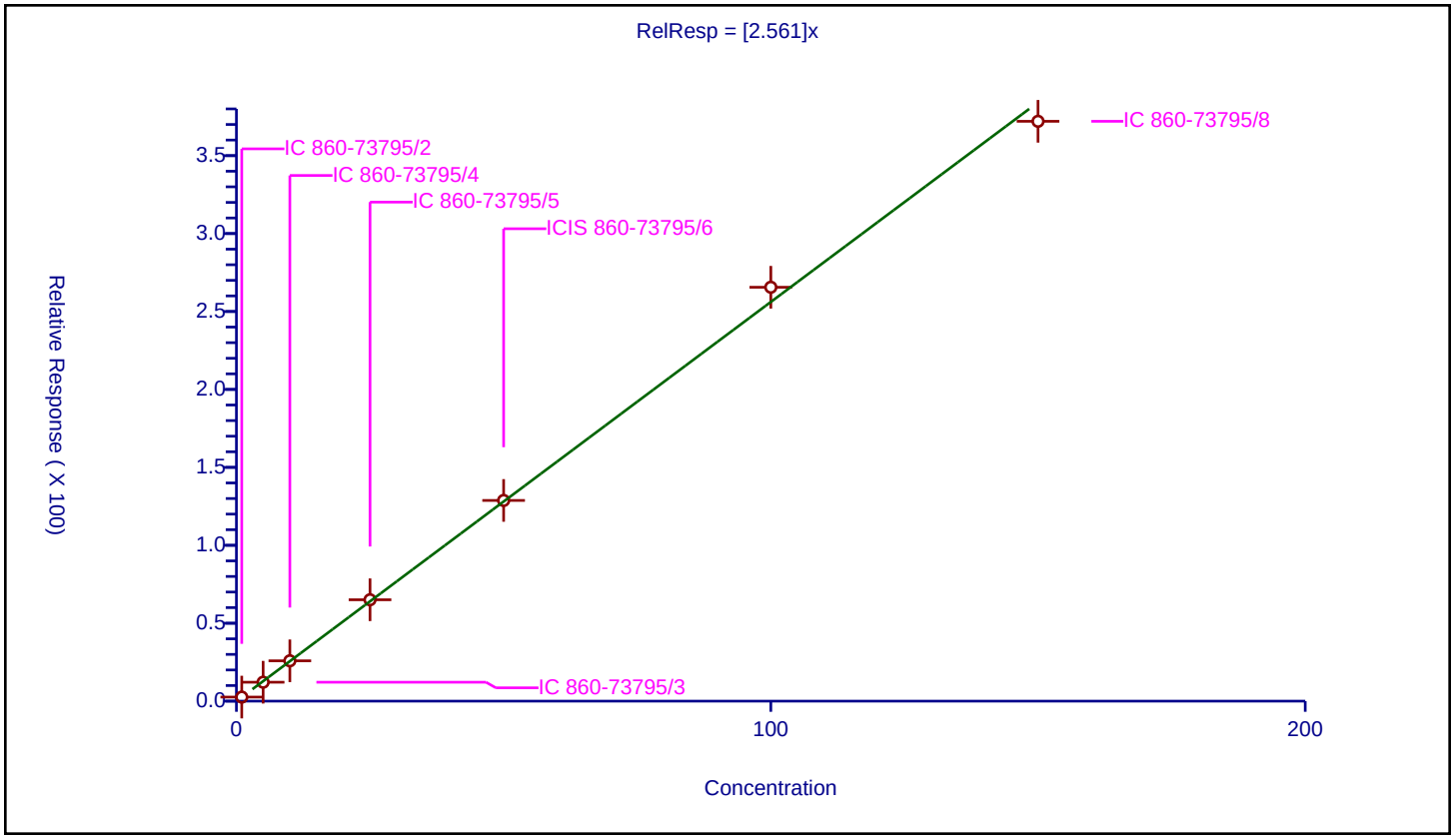
Curve Coefficients

Intercept:	0
Slope:	2.561

Error Coefficients

Standard Error:	330000
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 860-73795/2	1.0	2.598829	50.0	66934.0	2.598829	Y
2	IC 860-73795/3	5.0	12.143634	50.0	70819.0	2.428727	Y
3	IC 860-73795/4	10.0	25.886891	50.0	70781.0	2.588689	Y
4	IC 860-73795/5	25.0	65.044475	50.0	73861.0	2.601779	Y
5	ICIS 860-73795/6	50.0	128.765608	50.0	79529.0	2.575312	Y
6	IC 860-73795/7	100.0	265.55872	50.0	80765.0	2.655587	Y
7	IC 860-73795/8	150.0	372.0298	50.0	86846.0	2.480199	Y



Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

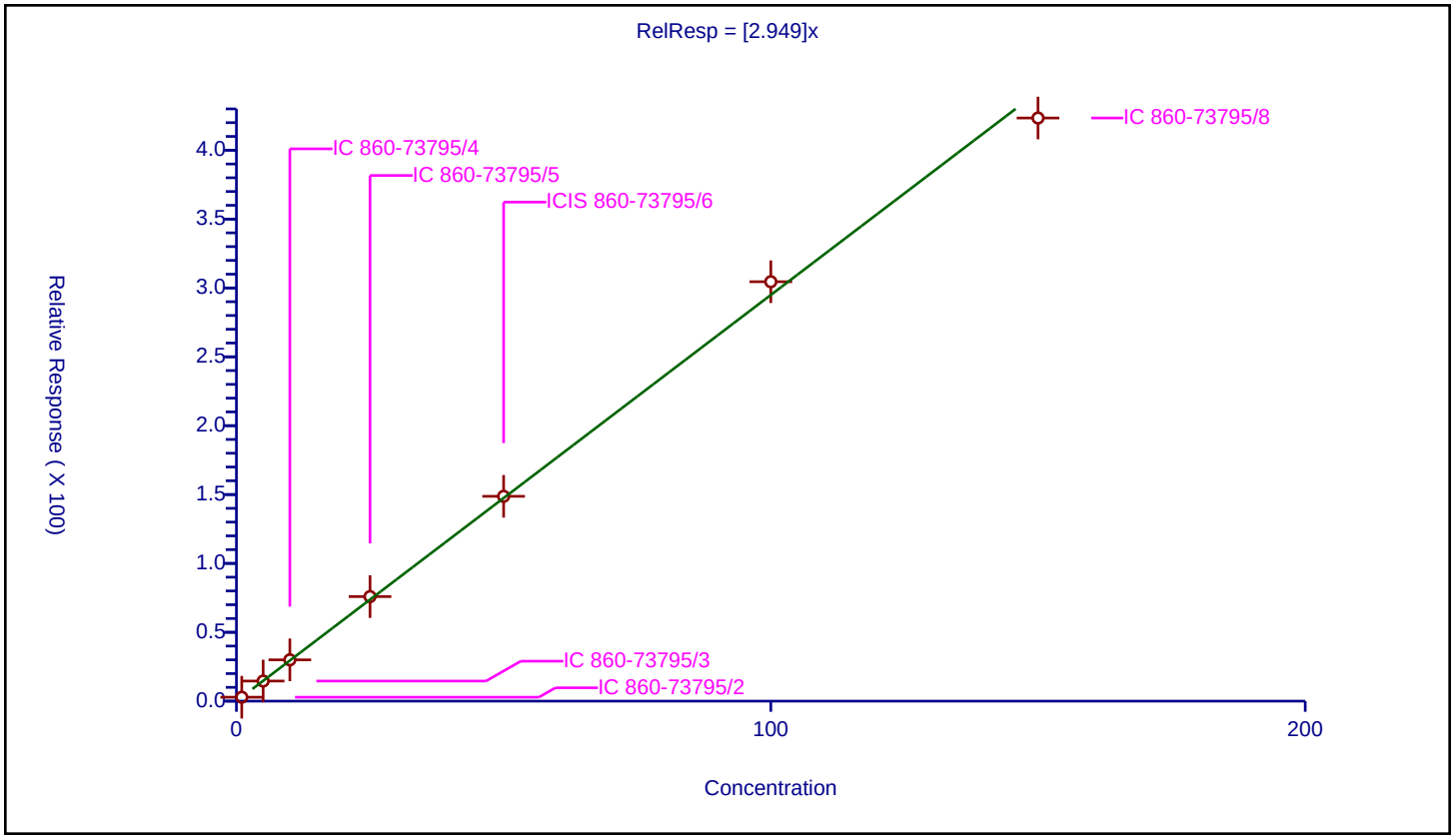
Curve Coefficients

Intercept:	0
Slope:	2.949

Error Coefficients

Standard Error:	377000
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 860-73795/2	1.0	2.851316	50.0	66934.0	2.851316	Y
2	IC 860-73795/3	5.0	14.580833	50.0	70819.0	2.916167	Y
3	IC 860-73795/4	10.0	29.977678	50.0	70781.0	2.997768	Y
4	IC 860-73795/5	25.0	75.914894	50.0	73861.0	3.036596	Y
5	ICIS 860-73795/6	50.0	148.71682	50.0	79529.0	2.974336	Y
6	IC 860-73795/7	100.0	304.516808	50.0	80765.0	3.045168	Y
7	IC 860-73795/8	150.0	423.378739	50.0	86846.0	2.822525	Y



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

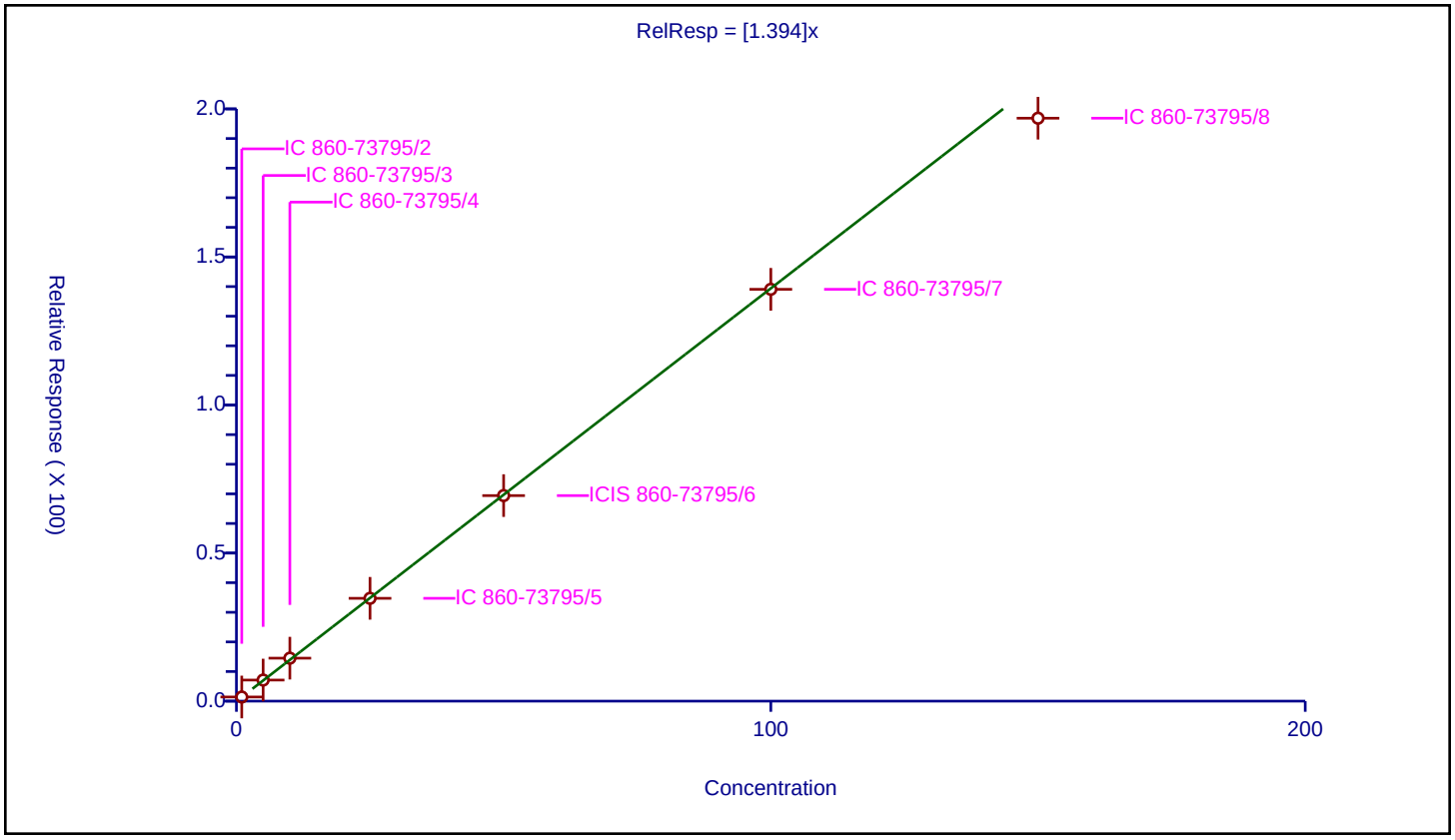
Curve Coefficients

Intercept:	0
Slope:	1.394

Error Coefficients

Standard Error:	174000
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 860-73795/2	1.0	1.402127	50.0	66934.0	1.402127	Y
2	IC 860-73795/3	5.0	7.116734	50.0	70819.0	1.423347	Y
3	IC 860-73795/4	10.0	14.515195	50.0	70781.0	1.451519	Y
4	IC 860-73795/5	25.0	34.726039	50.0	73861.0	1.389042	Y
5	ICIS 860-73795/6	50.0	69.413673	50.0	79529.0	1.388273	Y
6	IC 860-73795/7	100.0	139.074475	50.0	80765.0	1.390745	Y
7	IC 860-73795/8	150.0	196.856505	50.0	86846.0	1.312377	Y



Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

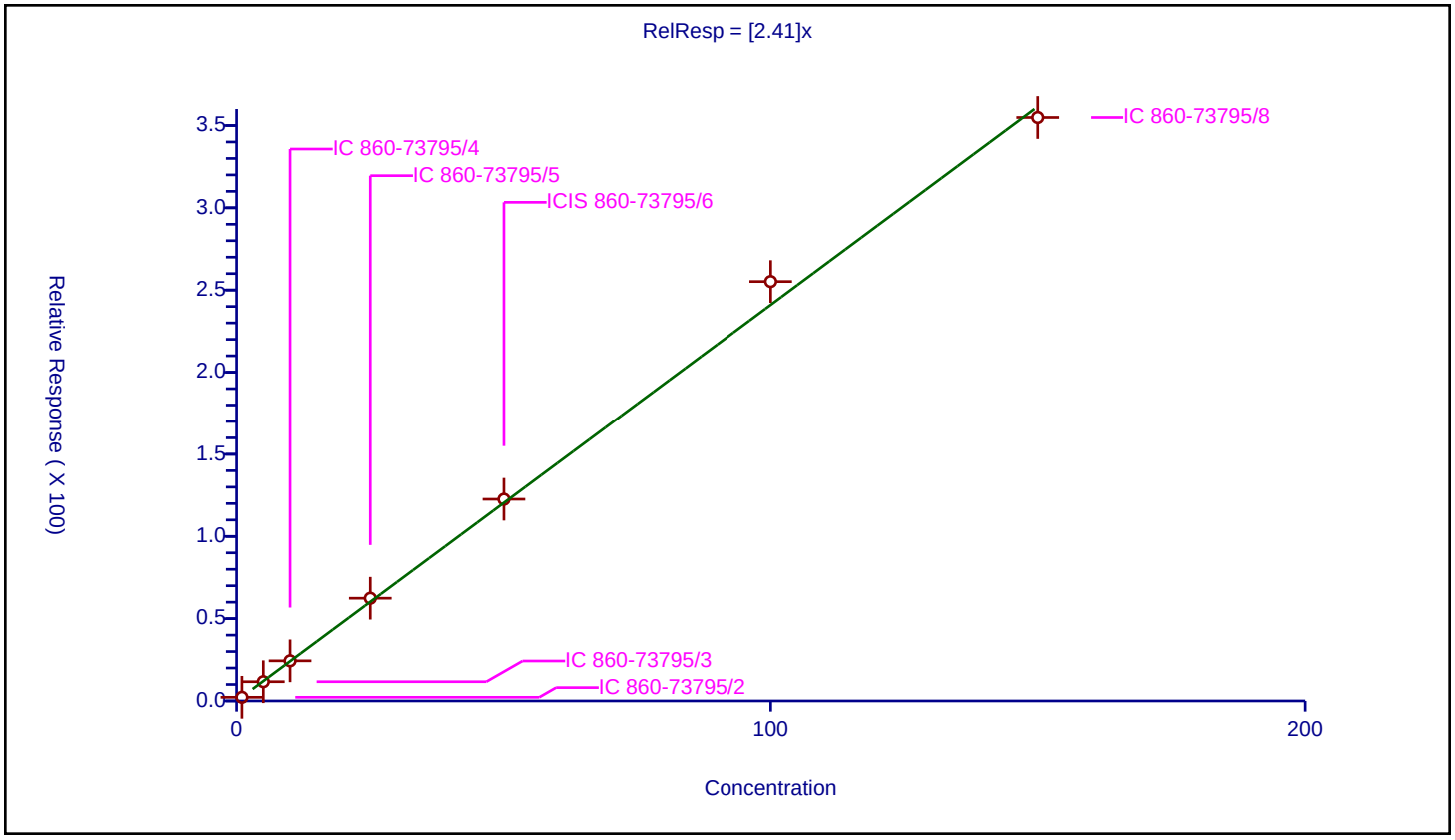
Curve Coefficients

Intercept:	0
Slope:	2.41

Error Coefficients

Standard Error:	315000
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 860-73795/2	1.0	2.227567	50.0	66934.0	2.227567	Y
2	IC 860-73795/3	5.0	11.681893	50.0	70819.0	2.336379	Y
3	IC 860-73795/4	10.0	24.373066	50.0	70781.0	2.437307	Y
4	IC 860-73795/5	25.0	62.411828	50.0	73861.0	2.496473	Y
5	ICIS 860-73795/6	50.0	122.635768	50.0	79529.0	2.452715	Y
6	IC 860-73795/7	100.0	255.175509	50.0	80765.0	2.551755	Y
7	IC 860-73795/8	150.0	354.856297	50.0	86846.0	2.365709	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

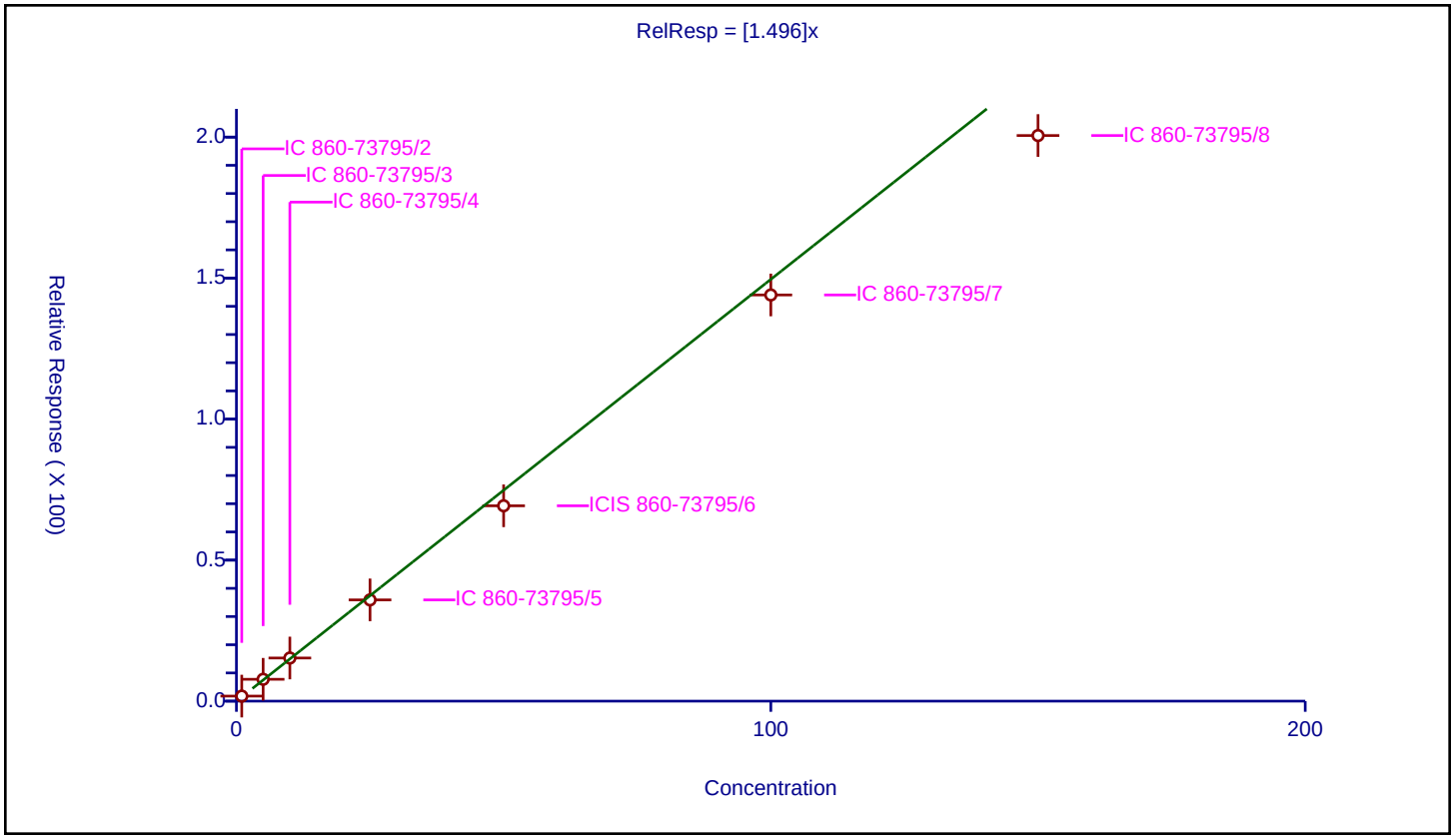
Curve Coefficients

Intercept:	0
Slope:	1.496

Error Coefficients

Standard Error:	178000
Relative Standard Error:	10.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73795/2	1.0	1.792064	50.0	66934.0	1.792064	Y
2	IC 860-73795/3	5.0	7.746509	50.0	70819.0	1.549302	Y
3	IC 860-73795/4	10.0	15.290827	50.0	70781.0	1.529083	Y
4	IC 860-73795/5	25.0	35.903251	50.0	73861.0	1.43613	Y
5	ICIS 860-73795/6	50.0	69.269072	50.0	79529.0	1.385381	Y
6	IC 860-73795/7	100.0	144.027116	50.0	80765.0	1.440271	Y
7	IC 860-73795/8	150.0	200.555581	50.0	86846.0	1.337037	Y



Calibration / Dicyclopentadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

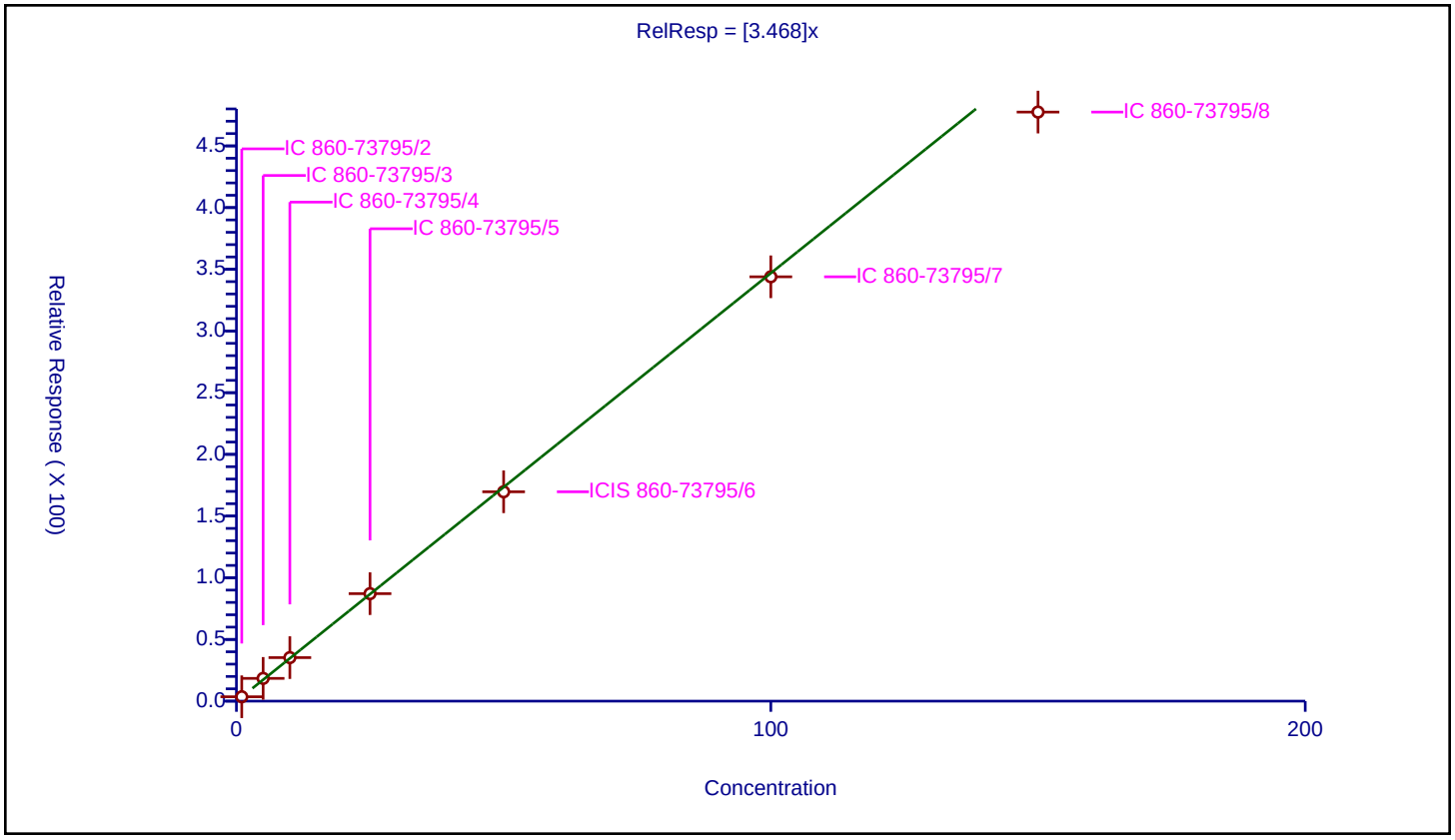
Curve Coefficients

Intercept:	0
Slope:	3.468

Error Coefficients

Standard Error:	426000
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 860-73795/2	1.0	3.560971	50.0	66934.0	3.560971	Y
2	IC 860-73795/3	5.0	18.450557	50.0	70819.0	3.690111	Y
3	IC 860-73795/4	10.0	35.280654	50.0	70781.0	3.528065	Y
4	IC 860-73795/5	25.0	87.105509	50.0	73861.0	3.48422	Y
5	ICIS 860-73795/6	50.0	169.678356	50.0	79529.0	3.393567	Y
6	IC 860-73795/7	100.0	343.913824	50.0	80765.0	3.439138	Y
7	IC 860-73795/8	150.0	477.429012	50.0	86846.0	3.18286	Y



Calibration / Benzyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

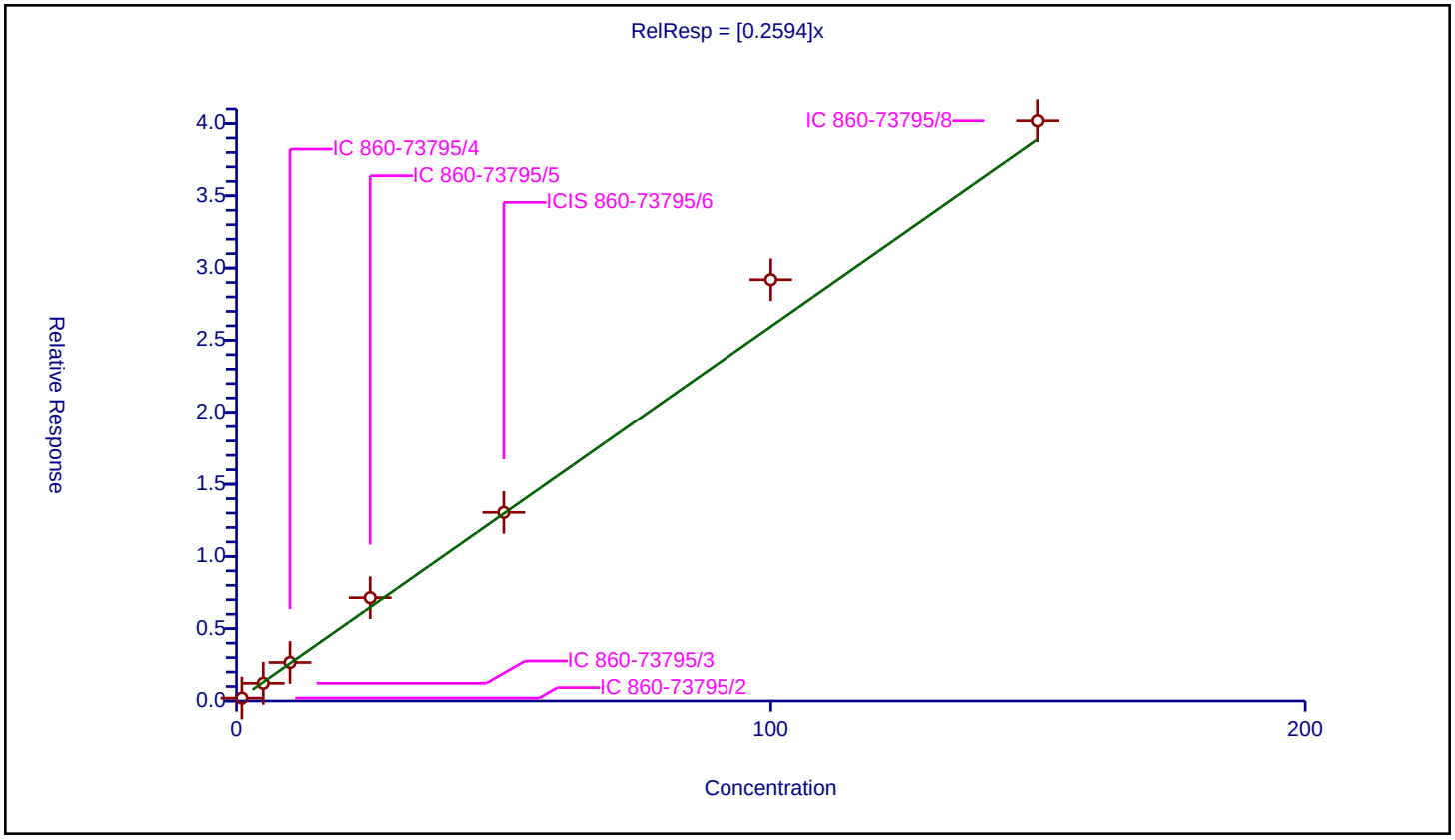
Curve Coefficients

Intercept:	0
Slope:	0.2594

Error Coefficients

Standard Error:	35700
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 860-73795/2	1.0	0.198703	50.0	66934.0	0.198703	Y
2	IC 860-73795/3	5.0	1.221424	50.0	70819.0	0.244285	Y
3	IC 860-73795/4	10.0	2.661731	50.0	70781.0	0.266173	Y
4	IC 860-73795/5	25.0	7.144501	50.0	73861.0	0.28578	Y
5	ICIS 860-73795/6	50.0	13.049328	50.0	79529.0	0.260987	Y
6	IC 860-73795/7	100.0	29.192101	50.0	80765.0	0.291921	Y
7	IC 860-73795/8	150.0	40.190107	50.0	86846.0	0.267934	Y



Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

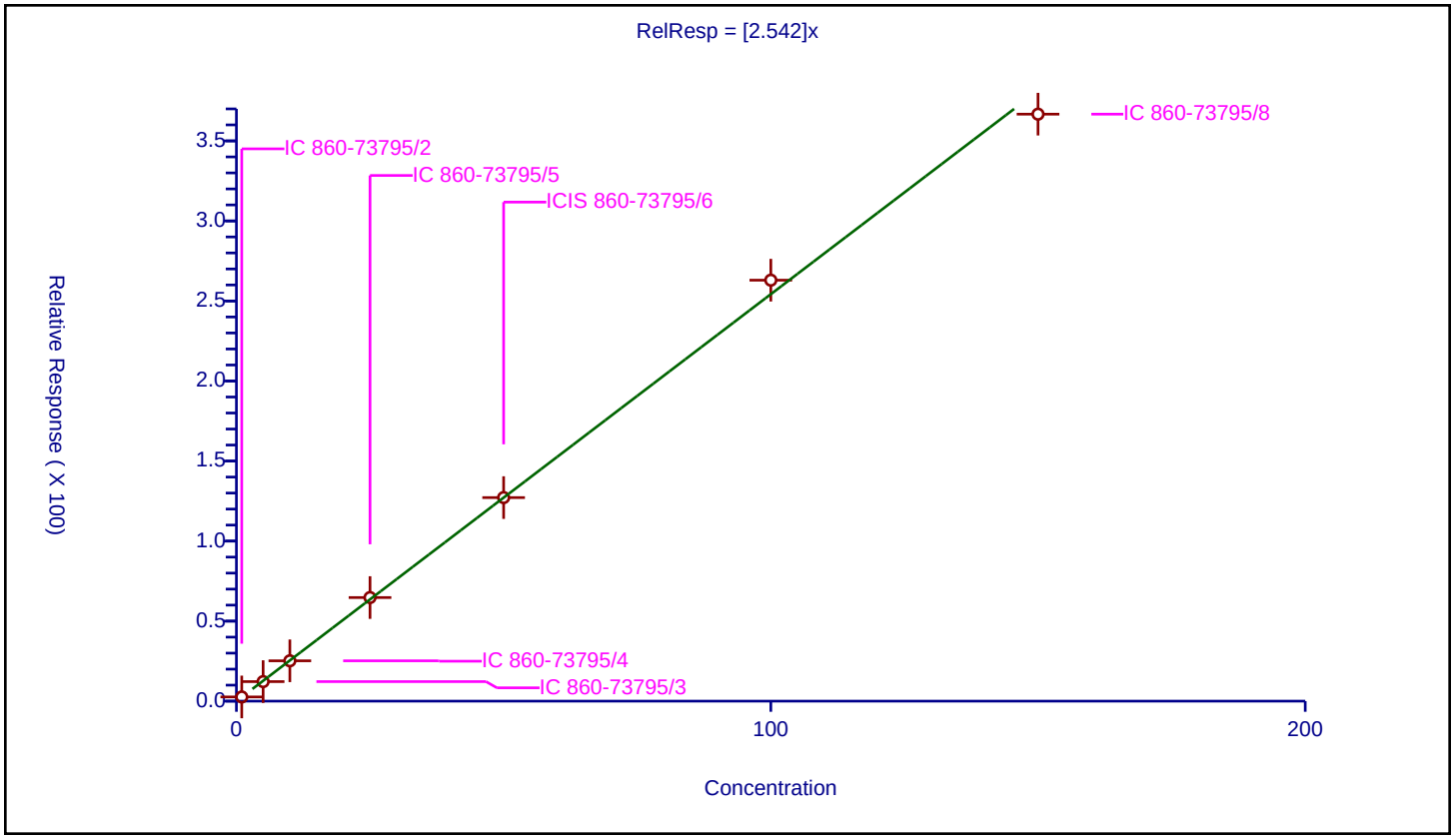
Curve Coefficients

Intercept:	0
Slope:	2.542

Error Coefficients

Standard Error:	326000
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 860-73795/2	1.0	2.627215	50.0	66934.0	2.627215	Y
2	IC 860-73795/3	5.0	12.211412	50.0	70819.0	2.442282	Y
3	IC 860-73795/4	10.0	25.201678	50.0	70781.0	2.520168	Y
4	IC 860-73795/5	25.0	64.72631	50.0	73861.0	2.589052	Y
5	ICIS 860-73795/6	50.0	127.163676	50.0	79529.0	2.543274	Y
6	IC 860-73795/7	100.0	262.990776	50.0	80765.0	2.629908	Y
7	IC 860-73795/8	150.0	366.700827	50.0	86846.0	2.444672	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

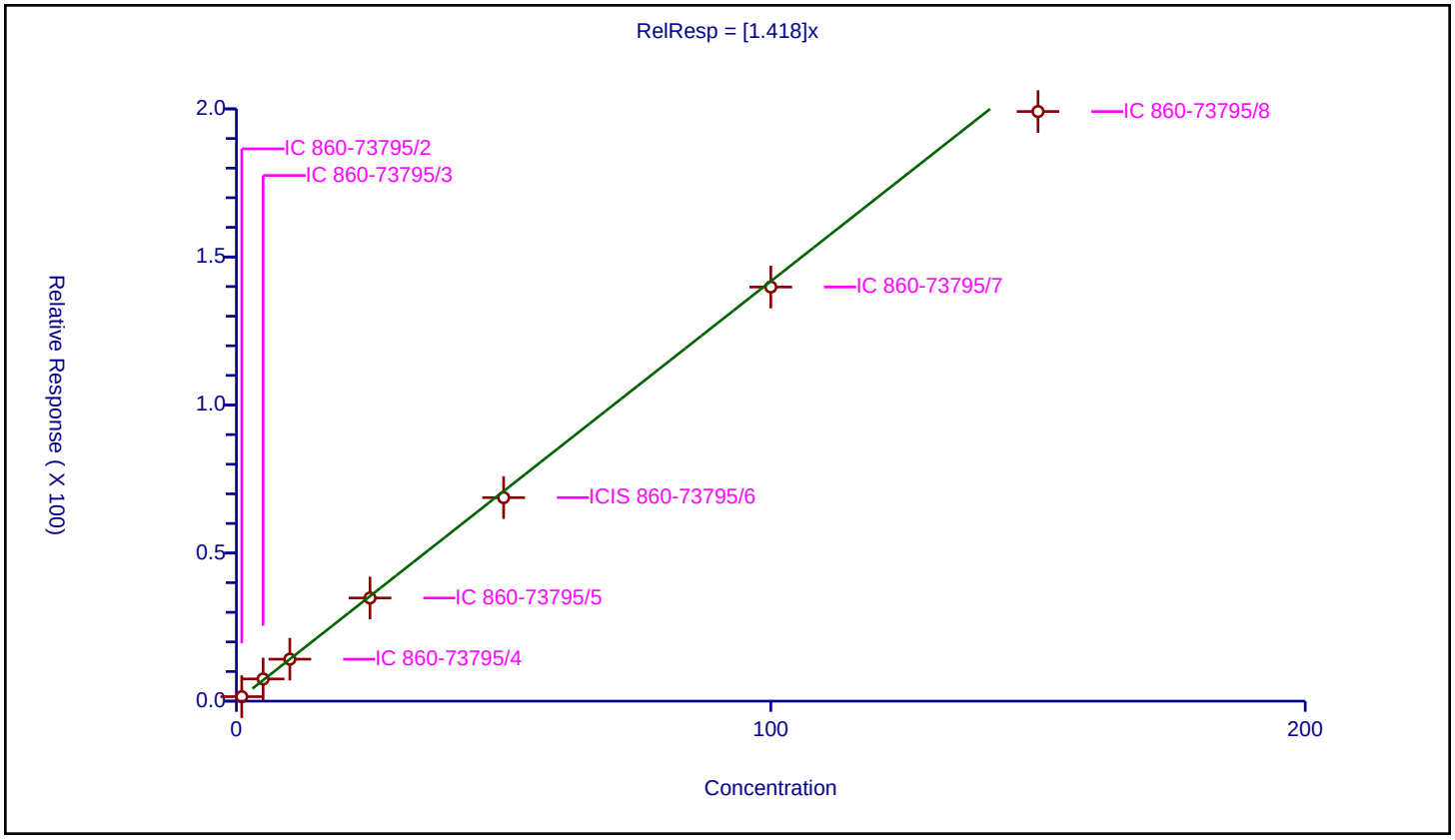
Curve Coefficients

Intercept:	0
Slope:	1.418

Error Coefficients

Standard Error:	176000
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 860-73795/2	1.0	1.515672	50.0	66934.0	1.515672	Y
2	IC 860-73795/3	5.0	7.497282	50.0	70819.0	1.499456	Y
3	IC 860-73795/4	10.0	14.169057	50.0	70781.0	1.416906	Y
4	IC 860-73795/5	25.0	34.834351	50.0	73861.0	1.393374	Y
5	ICIS 860-73795/6	50.0	68.724616	50.0	79529.0	1.374492	Y
6	IC 860-73795/7	100.0	139.843373	50.0	80765.0	1.398434	Y
7	IC 860-73795/8	150.0	199.112222	50.0	86846.0	1.327415	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

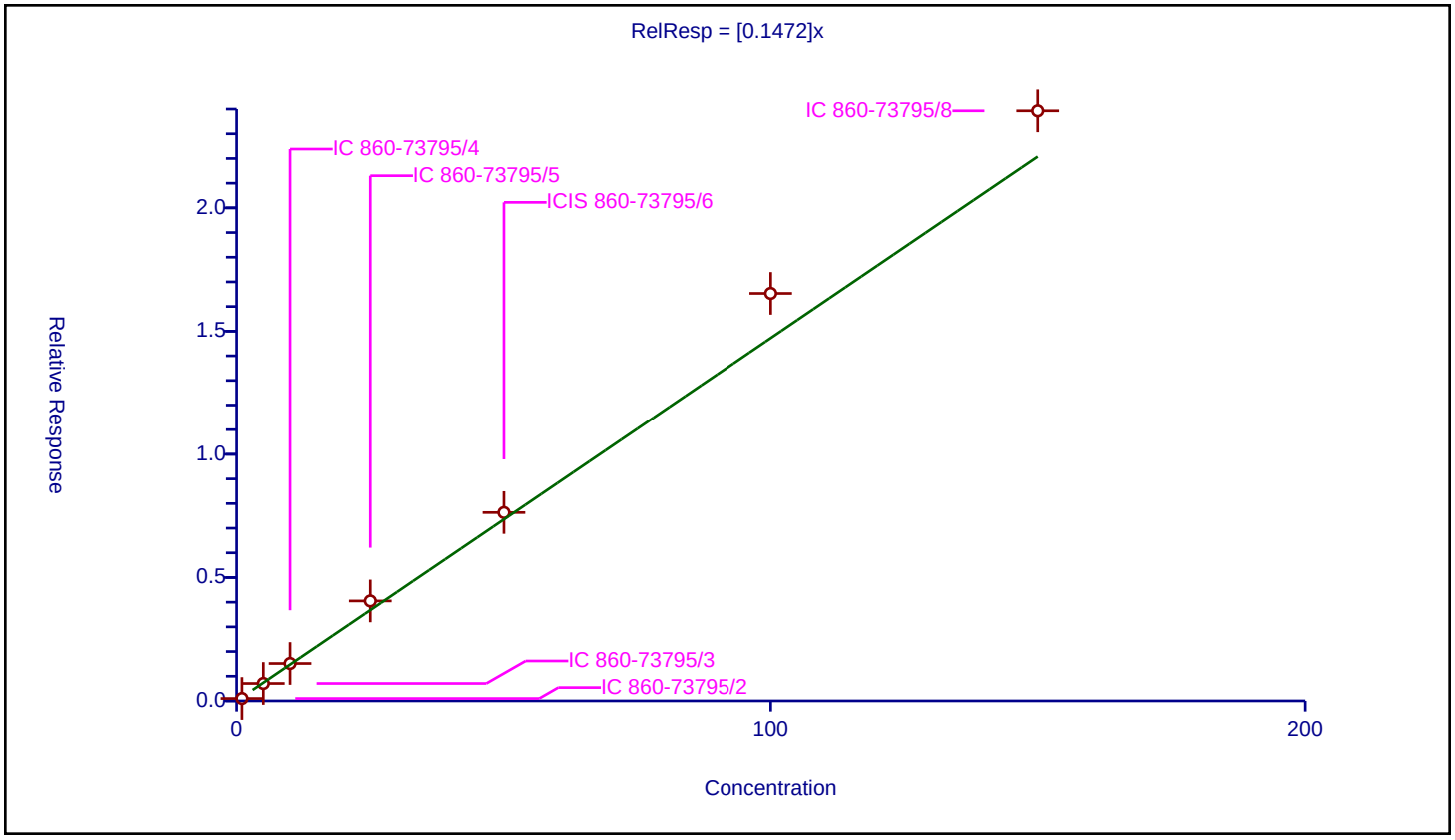
Curve Coefficients

Intercept:	0
Slope:	0.1472

Error Coefficients

Standard Error:	20900
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 860-73795/2	1.0	0.097858	50.0	66934.0	0.097858	Y
2	IC 860-73795/3	5.0	0.706025	50.0	70819.0	0.141205	Y
3	IC 860-73795/4	10.0	1.515944	50.0	70781.0	0.151594	Y
4	IC 860-73795/5	25.0	4.050852	50.0	73861.0	0.162034	Y
5	ICIS 860-73795/6	50.0	7.636208	50.0	79529.0	0.152724	Y
6	IC 860-73795/7	100.0	16.531914	50.0	80765.0	0.165319	Y
7	IC 860-73795/8	150.0	23.928563	50.0	86846.0	0.159524	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

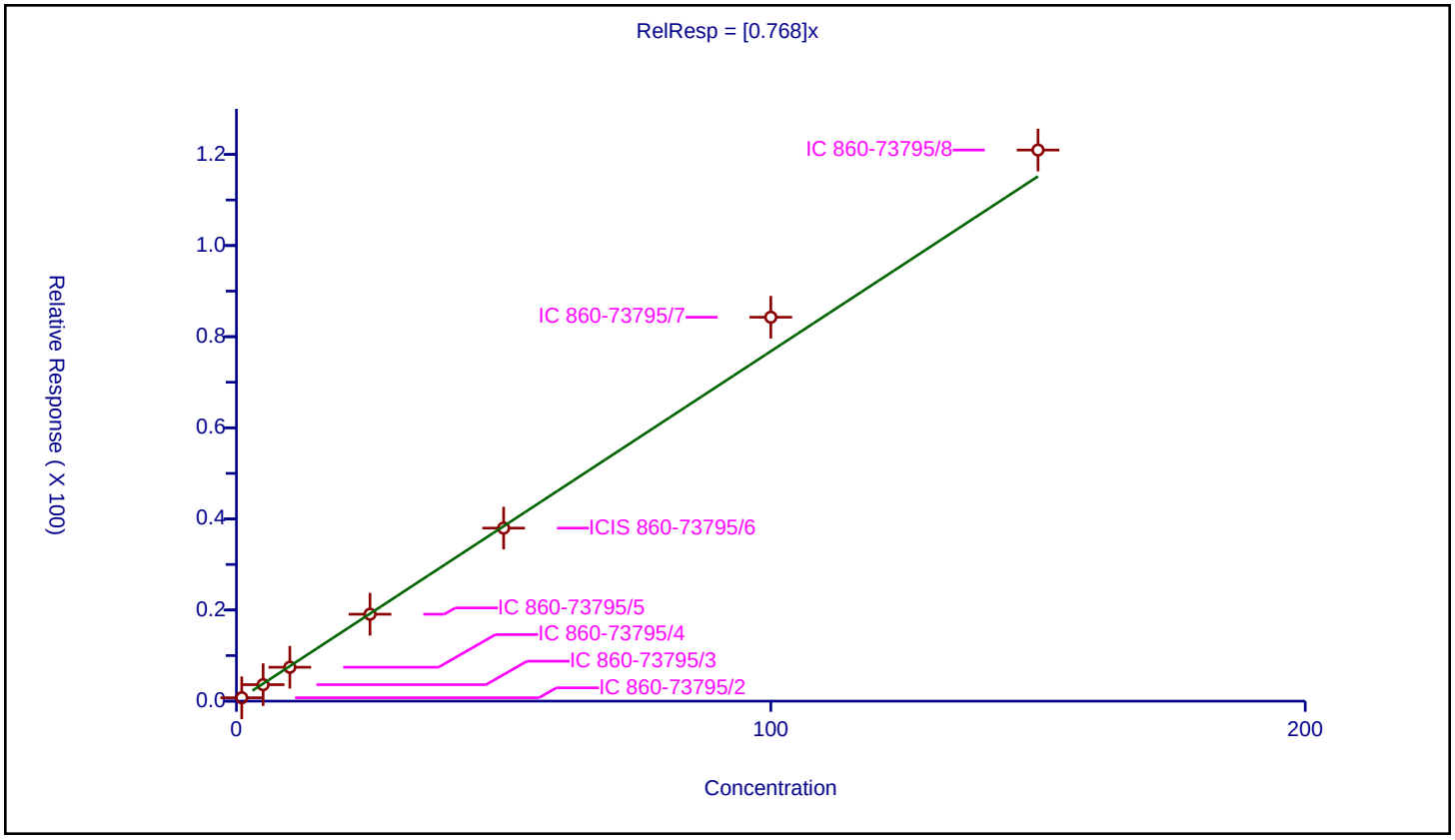
Curve Coefficients

Intercept:	0
Slope:	0.768

Error Coefficients

Standard Error:	106000
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 860-73795/2	1.0	0.737293	50.0	66934.0	0.737293	Y
2	IC 860-73795/3	5.0	3.613437	50.0	70819.0	0.722687	Y
3	IC 860-73795/4	10.0	7.439143	50.0	70781.0	0.743914	Y
4	IC 860-73795/5	25.0	19.081112	50.0	73861.0	0.763244	Y
5	ICIS 860-73795/6	50.0	37.980485	50.0	79529.0	0.75961	Y
6	IC 860-73795/7	100.0	84.270414	50.0	80765.0	0.842704	Y
7	IC 860-73795/8	150.0	120.967575	50.0	86846.0	0.80645	Y



Calibration / Hexachlorobutadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

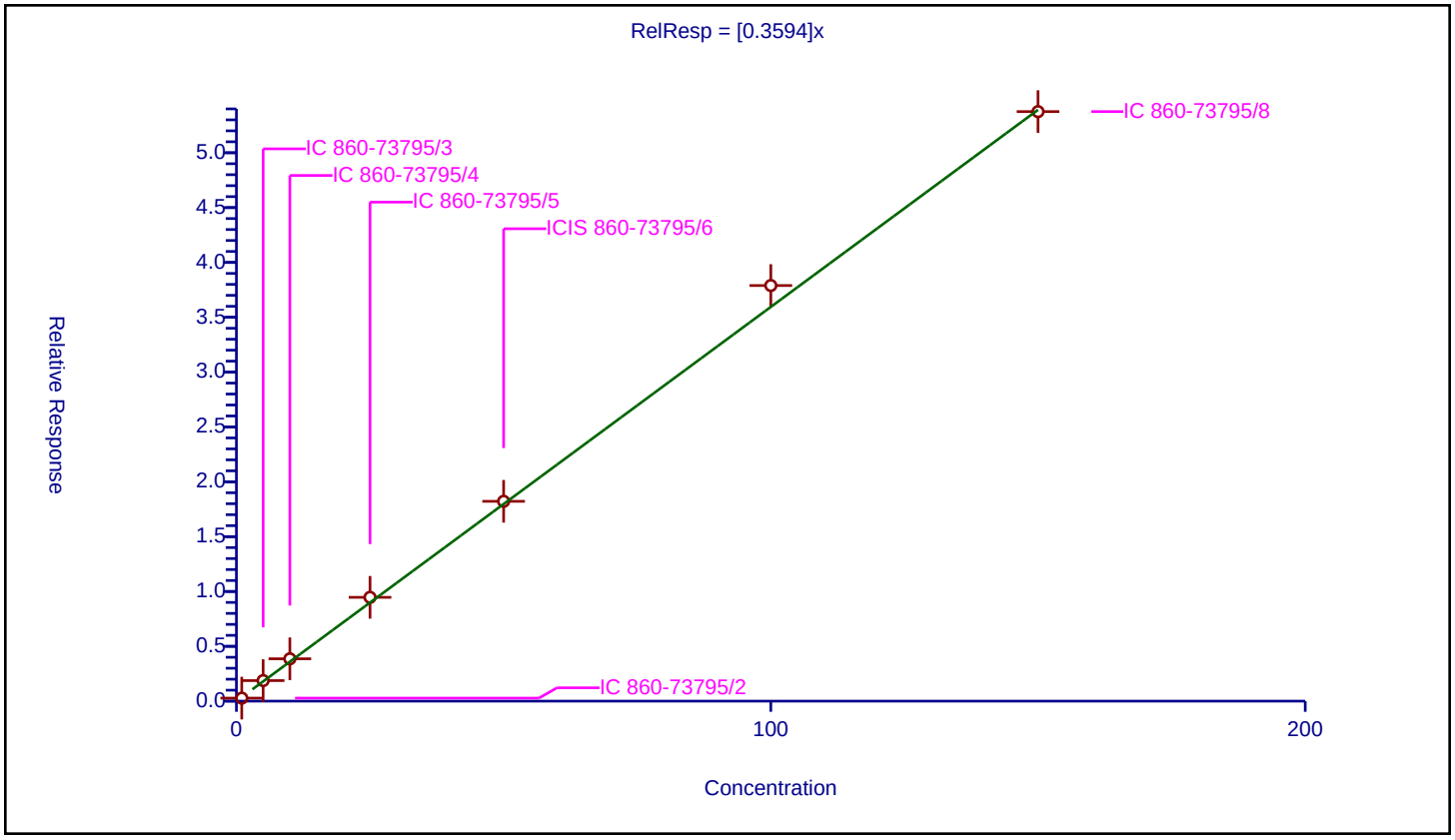
Curve Coefficients

Intercept:	0
Slope:	0.3594

Error Coefficients

Standard Error:	47500
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 860-73795/2	1.0	0.274898	50.0	66934.0	0.274898	Y
2	IC 860-73795/3	5.0	1.873791	50.0	70819.0	0.374758	Y
3	IC 860-73795/4	10.0	3.861206	50.0	70781.0	0.386121	Y
4	IC 860-73795/5	25.0	9.465076	50.0	73861.0	0.378603	Y
5	ICIS 860-73795/6	50.0	18.220398	50.0	79529.0	0.364408	Y
6	IC 860-73795/7	100.0	37.895128	50.0	80765.0	0.378951	Y
7	IC 860-73795/8	150.0	53.751468	50.0	86846.0	0.358343	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

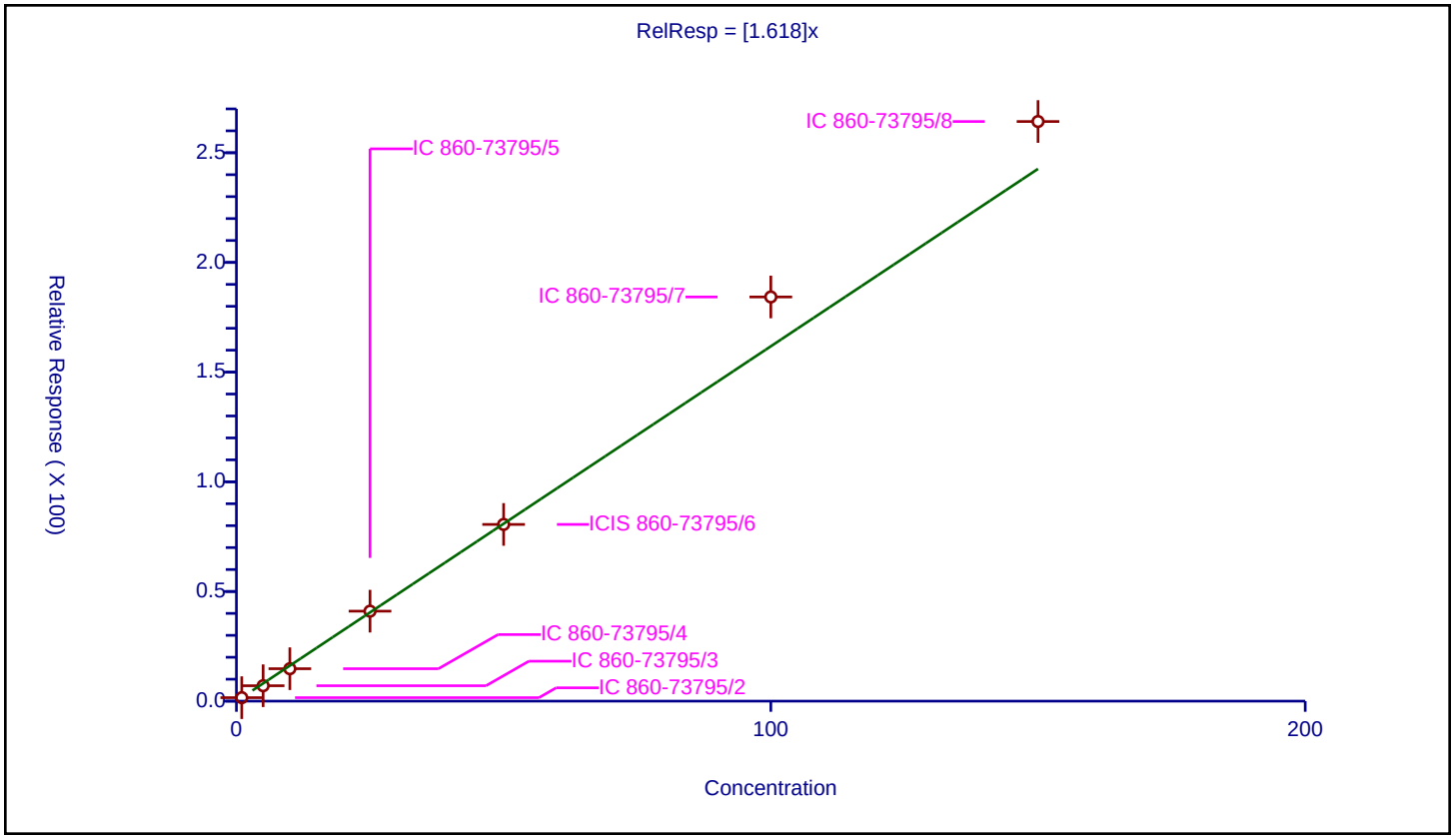
Curve Coefficients

Intercept:	0
Slope:	1.618

Error Coefficients

Standard Error:	231000
Relative Standard Error:	9.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73795/2	1.0	1.584397	50.0	66934.0	1.584397	Y
2	IC 860-73795/3	5.0	7.024951	50.0	70819.0	1.40499	Y
3	IC 860-73795/4	10.0	14.783628	50.0	70781.0	1.478363	Y
4	IC 860-73795/5	25.0	41.017587	50.0	73861.0	1.640703	Y
5	ICIS 860-73795/6	50.0	80.559922	50.0	79529.0	1.611198	Y
6	IC 860-73795/7	100.0	184.25989	50.0	80765.0	1.842599	Y
7	IC 860-73795/8	150.0	264.250512	50.0	86846.0	1.76167	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

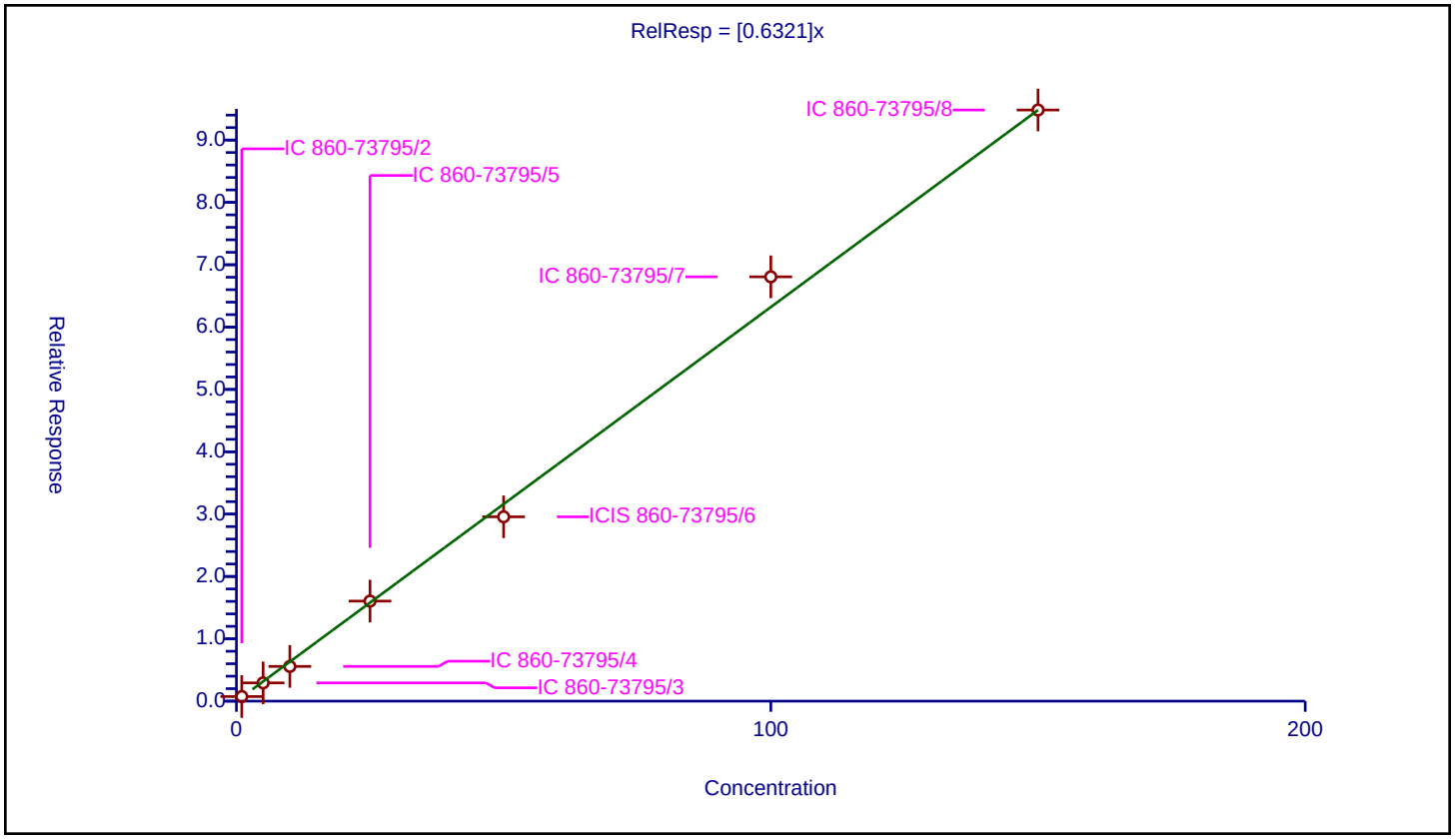
Curve Coefficients

Intercept:	0
Slope:	0.6321

Error Coefficients

Standard Error:	83700
Relative Standard Error:	9.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73795/2	1.0	0.735799	50.0	66934.0	0.735799	Y
2	IC 860-73795/3	5.0	2.929299	50.0	70819.0	0.58586	Y
3	IC 860-73795/4	10.0	5.568585	50.0	70781.0	0.556858	Y
4	IC 860-73795/5	25.0	16.049742	50.0	73861.0	0.64199	Y
5	ICIS 860-73795/6	50.0	29.565316	50.0	79529.0	0.591306	Y
6	IC 860-73795/7	100.0	68.064137	50.0	80765.0	0.680641	Y
7	IC 860-73795/8	150.0	94.81899	50.0	86846.0	0.632127	Y



Calibration / 2-Methylnaphthalene

Curve Type:	Quadratic
Weighting:	None
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

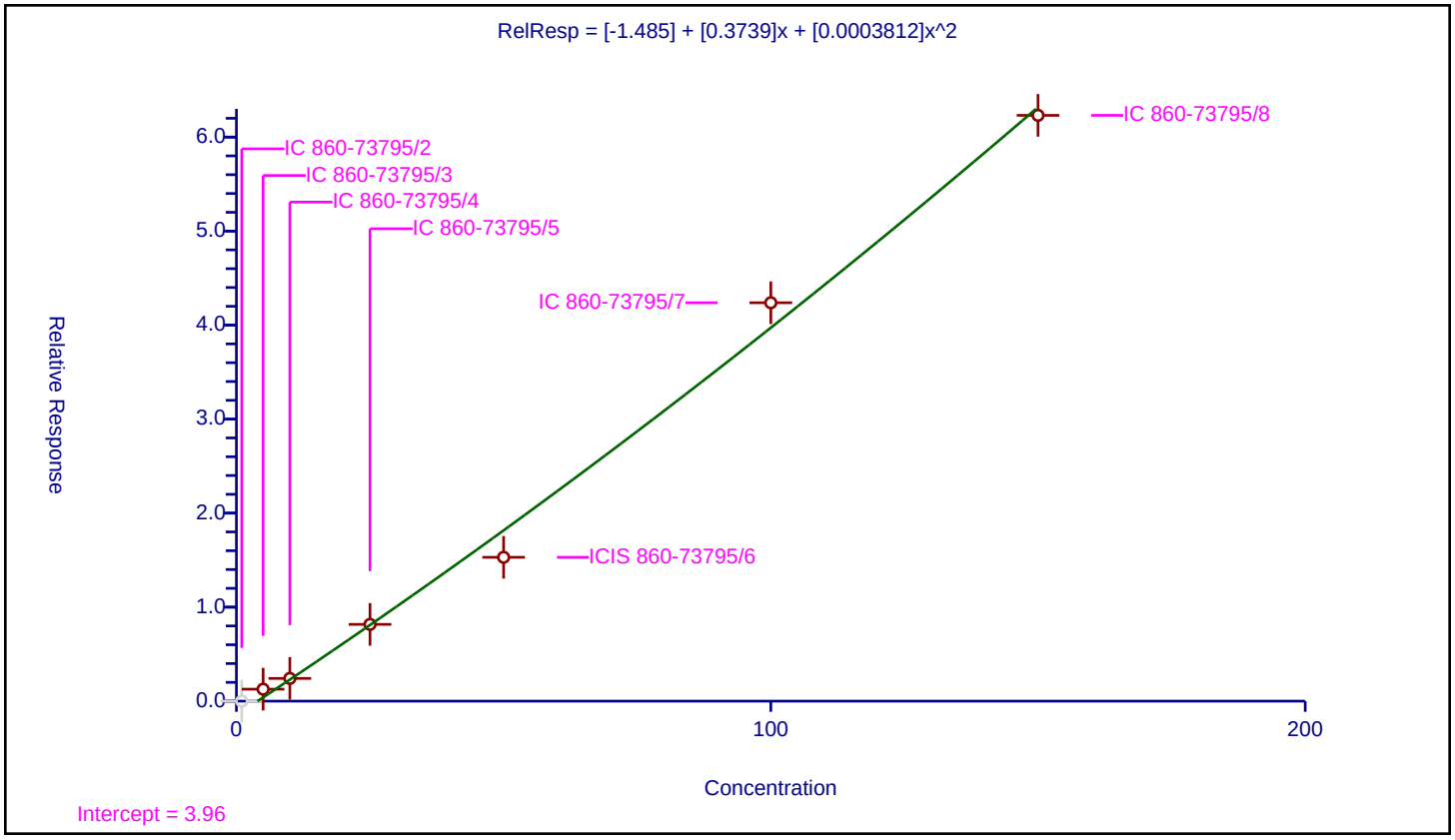
Curve Coefficients

Intercept:	-1.485
Slope:	0.3739
Second Order:	0.0003812

Error Coefficients

Standard Error:	75600
Relative Standard Error:	28.3
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73795/2	1.0	0.0	50.0	66934.0	0.0	N
2	IC 860-73795/3	5.0	1.273669	50.0	70819.0	0.254734	Y
3	IC 860-73795/4	10.0	2.419435	50.0	70781.0	0.241943	Y
4	IC 860-73795/5	25.0	8.165338	50.0	73861.0	0.326614	Y
5	ICIS 860-73795/6	50.0	15.301337	50.0	79529.0	0.306027	Y
6	IC 860-73795/7	100.0	42.379125	50.0	80765.0	0.423791	Y
7	IC 860-73795/8	150.0	62.312599	50.0	86846.0	0.415417	Y



Calibration / 1-Methylnaphthalene

Curve Type:	Quadratic
Weighting:	None
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

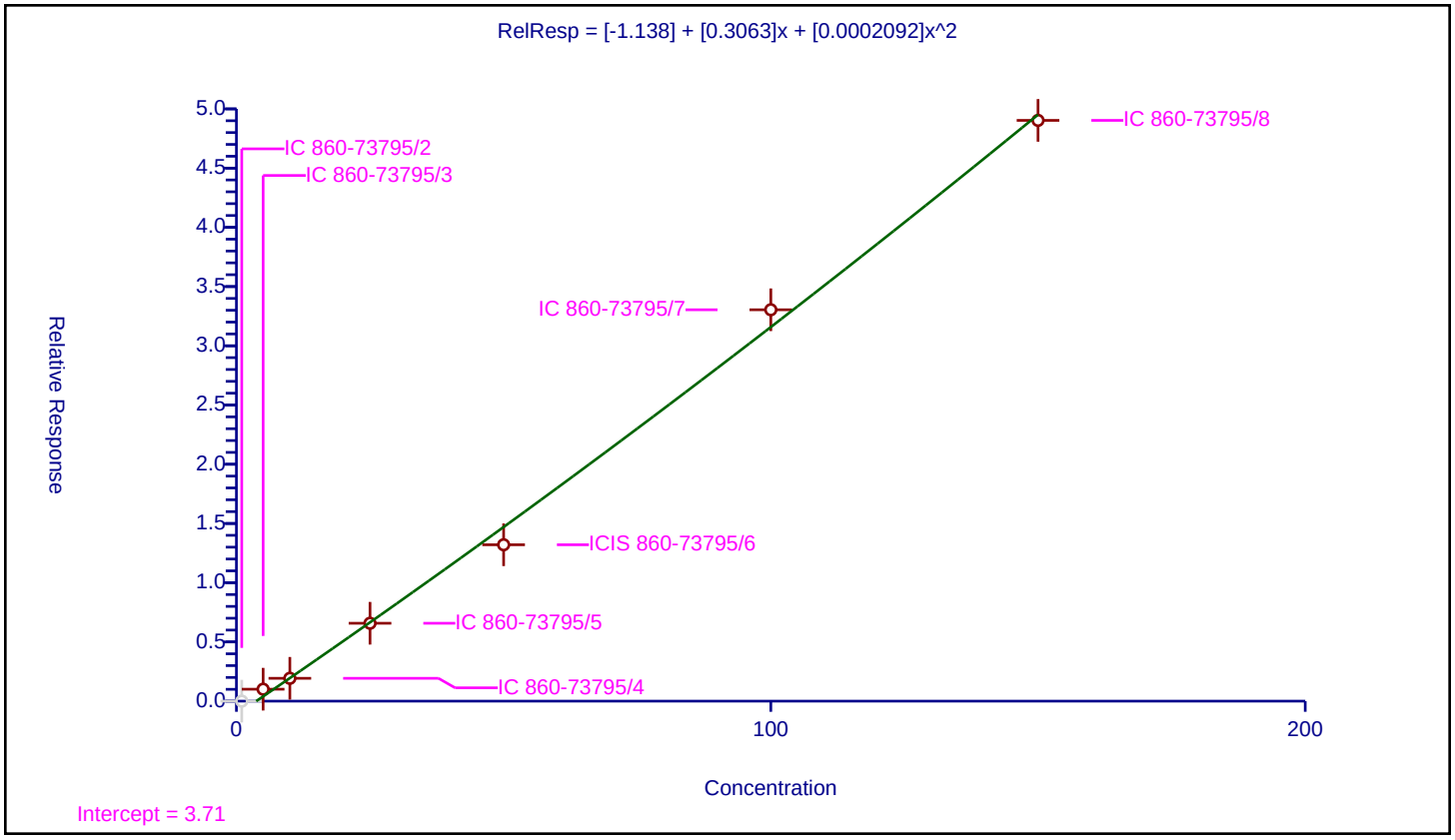
Curve Coefficients

Intercept:	-1.138
Slope:	0.3063
Second Order:	0.0002092

Error Coefficients

Standard Error:	59500
Relative Standard Error:	23.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73795/2	1.0	0.0	50.0	66934.0	0.0	N
2	IC 860-73795/3	5.0	1.007498	50.0	70819.0	0.2015	Y
3	IC 860-73795/4	10.0	1.92919	50.0	70781.0	0.192919	Y
4	IC 860-73795/5	25.0	6.575865	50.0	73861.0	0.263035	Y
5	ICIS 860-73795/6	50.0	13.201474	50.0	79529.0	0.264029	Y
6	IC 860-73795/7	100.0	33.04154	50.0	80765.0	0.330415	Y
7	IC 860-73795/8	150.0	49.029316	50.0	86846.0	0.326862	Y



FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Houston Job No.: 860-35784-1 Analy Batch No.: 73445

SDG No.:

Instrument ID: A294 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/17/2022 14:08 Calibration End Date: 10/17/2022 16:02 Calibration ID: 3829

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-73445/2	T10172214.D
Level 2	IC 860-73445/3	T10172215.D
Level 3	IC 860-73445/4	T10172216.D
Level 4	IC 860-73445/5	T10172217.D
Level 5	ICIS 860-73445/6	T10172218.D
Level 6	IC 860-73445/8	T10172219.D
Level 7	IC 860-73445/10	T10172220.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								
Dichlorodifluoromethane	0.1886 0.1725	0.1506 0.1791	0.1818	0.1916	0.1933	Ave		0.1796				8.2		20.0			
Chloromethane	0.4155 0.3368	0.3466 0.3535	0.3496	0.3550	0.3790	Ave		0.3623				7.4		20.0			
Vinyl chloride	0.3363 0.3226	0.2769 0.3504	0.2981	0.3248	0.3590	Ave		0.3240				8.9		20.0			
1,3-Butadiene	0.2722 0.2518	0.2203 0.2953	0.2554	0.2692	0.2654	Ave		0.2614				8.8		20.0			
Ethylene oxide	0.1289 0.0559	0.1580 0.0495	0.1488	0.1470	0.0825	Ave		0.1101				42.1	*	20.0			
Bromomethane	0.3663 0.1287	0.3642 +++++	0.3082	0.2990	0.2115	Qua	0.2981	0.3051	-0.001802			48.7			0.9940		0.9900
Chloroethane	0.2642 0.2130	0.2389 0.1945	0.2463	0.2402	0.2619	Ave		0.2370				10.7		20.0			
Dichlorofluoromethane	0.7234 0.7225	0.6706 0.7411	0.6486	0.7126	0.7404	Ave		0.7085				5.0		20.0			
Trichlorofluoromethane	0.4726 0.4761	0.3963 0.4491	0.4184	0.4609	0.4908	Ave		0.4520				7.5		20.0			
Diethyl ether	0.1590 0.2666	0.2078 0.2656	0.2171	0.2601	0.2783	Ave		0.2363				18.3		20.0			
Acrolein	0.0305 0.0739	0.0518 0.0737	0.0545	0.0703	0.0763	Lin1	-0.321	0.0742				16.0			0.9980		0.9950
1,1-Dichloroethene	0.1467 0.3133	0.2231 0.2980	0.2360	0.3091	0.3223	Lin1	-0.224	0.3081				13.4			0.9970		0.9950
1,1,2-Trichloro-1,2,2-trifluoroethane	0.1216 0.2513	0.2091 0.2439	0.2016	0.2481	0.2699	Lin1	-0.155	0.2513				8.8			0.9980		0.9950

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 Houston Job No.: 860-35784-1 Analy Batch No.: 73445

SDG No.:

Instrument ID: A294 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/17/2022 14:08 Calibration End Date: 10/17/2022 16:02 Calibration ID: 3829

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	0.0566 0.0486	0.0476 0.0496	0.0420	0.0475	0.0522	Ave		0.0492				9.2		20.0			
Iodomethane (Methyl Iodide)	+++++ 0.4398	0.0946 0.4777	0.1395	0.3026	0.4485	Qua	-2.445	0.4418	0.0003342			21.3			0.9980		0.9900
Carbon disulfide	0.4466 0.9638	0.5500 0.9717	0.6182	0.8290	0.9602	Qua	-2.232	0.9791	0.0000562			87.1			1.0000		0.9900
Isopropyl alcohol	0.0199 0.0325	0.0240 0.0344	0.0221	0.0281	0.0321	Lin1	-0.278	0.0331				23.9			0.9950		0.9950
Acetonitrile	0.0499 0.0471	0.0461 0.0461	0.0425	0.0473	0.0482	Ave		0.0467				4.9		20.0			
Allyl Chloride (3-Chloropropene)	0.0558 0.2796	0.1457 0.2841	0.1794	0.2621	0.2873	Lin1	-0.355	0.2831				25.2			0.9960		0.9950
Methyl acetate	0.3945 0.4072	0.3626 0.3879	0.3436	0.3880	0.4157	Ave		0.3856				6.5		20.0			
Methylene Chloride	0.4129 0.4696	0.4384 0.4620	0.4136	0.4840	0.4895	Ave		0.4528				7.0		20.0			
tert-Butyl alcohol	0.0314 0.0529	0.0347 0.0556	0.0353	0.0435	0.0507	Qua	-0.843	0.0488	0.0000050			68.6			1.0000		0.9900
Acrylonitrile	0.1477 0.2183	0.1884 0.2119	0.1804	0.2208	0.2270	Ave		0.1992				14.3		20.0			
trans-1,2-Dichloroethene	0.2021 0.4331	0.3007 0.3714	0.3078	0.4158	0.4278	Qua	-1.406	0.5237	-0.000927			04.9			0.9980		0.9900
MTBE	0.8365 1.4050	1.0262 1.4247	1.0641	1.2780	1.2899	Ave		1.1892				18.4		20.0			
n-Hexane	0.1992 0.4338	0.3037 0.4316	0.3316	0.4073	0.4508	Lin1	-0.354	0.4351				15.6			0.9980		0.9950
1,1-Dichloroethane	0.4437 0.7076	0.5814 0.6811	0.5956	0.7536	0.7740	Ave		0.6481				17.9		20.0			
Vinyl acetate	0.6416 1.2881	0.9594 1.2298	1.0768	1.3689	1.3969	Lin1	-3.806	1.2871				10.6			0.9960		0.9950
Isopropyl ether	0.9408 1.5602	1.2310 1.5046	1.2992	1.5383	1.6585	Ave		1.3904				17.9		20.0			
Chloroprene	0.2122 0.5880	0.3950 0.5901	0.4204	0.5621	0.6187	Lin1	-0.561	0.5942				17.6			0.9970		0.9950
Ethyl tert-butyl ether	0.7728 1.3575	0.9905 1.3369	1.0060	1.3292	1.4088	Lin1	-0.936	1.3557				15.7			0.9980		0.9950

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 Houston Job No.: 860-35784-1 Analy Batch No.: 73445

SDG No.:

Instrument ID: A294 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/17/2022 14:08 Calibration End Date: 10/17/2022 16:02 Calibration ID: 3829

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	0.3554 0.6074	0.5073 0.5964	0.5166	0.6297	0.6524	Ave		0.5522				18.6		20.0			
2,2-Dichloropropane	0.2134 0.5864	0.3256 0.5859	0.3767	0.5372	0.5975	Lin1	-0.640	0.5863				25.5			0.9960		0.9950
2-Butanone	0.0711 0.0708	0.0584 0.0721	0.0598	0.0670	0.0731	Ave		0.0675				9.0		20.0			
Propane Nitrile (Propionitrile)	0.0666 0.0840	0.0709 0.0821	0.0715	0.0866	0.0873	Ave		0.0785				10.8		20.0			
Ethyl acetate	0.6537 0.6230	0.5026 0.5993	0.4745	0.6779	0.6886	Ave		0.6028				14.0		20.0			
Methacrylonitrile	0.1652 0.2448	0.2178 0.2392	0.2082	0.2651	0.2623	Ave		0.2289				15.3		20.0			
Bromochloromethane	0.2029 0.3590	0.3003 0.3389	0.3039	0.3549	0.3832	Ave		0.3204				18.7		20.0			
Tetrahydrofuran	0.1460 0.1757	0.1408 0.1778	0.1338	0.1569	0.1924	Ave		0.1605				13.6		20.0			
Chloroform	0.5141 0.8086	0.6708 0.7823	0.6426	0.8100	0.8592	Ave		0.7268				16.8		20.0			
1,1,1-Trichloroethane	0.2783 0.6181	0.4285 0.6154	0.4556	0.6090	0.6487	Lin1	-0.512	0.6227				16.3			0.9980		0.9950
Cyclohexane	0.4314 0.5360	0.4806 0.5228	0.4704	0.5669	0.5780	Ave		0.5123				10.5		20.0			
1,1-Dichloropropene	0.4117 0.5500	0.3833 0.5650	0.3921	0.5402	0.5982	Ave		0.4915				18.7		20.0			
Carbon tetrachloride	0.3874 0.4971	0.3368 0.5267	0.3078	0.4527	0.4874	Ave		0.4280				19.8		20.0			
Isobutanol	0.0109 0.0175	0.0116 0.0177	0.0121	0.0147	0.0167	Lin1	-0.361	0.0173				24.6			0.9960		0.9950
Benzene	0.7850 1.2878	1.0747 1.2297	1.1005	1.3157	1.3613	Ave		1.1650				17.1		20.0			
1,2-Dichloroethane	0.3325 0.4563	0.4200 0.4340	0.3988	0.4698	0.4838	Ave		0.4279				12.0		20.0			
2,2,4-Trimethylpentane	0.4036 0.7262	0.5410 0.7015	0.5883	0.7163	0.7656	Lin1	-0.443	0.7218				11.7			0.9980		0.9950
Tert-amyl methyl ether	0.5068 0.9558	0.6794 0.9454	0.6698	0.8320	0.9139	Lin1	-0.773	0.9381				19.7			0.9970		0.9950

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

Received by OCD: 3/30/2023 11:30:39 AM

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Houston Job No.: 860-35784-1 Analy Batch No.: 73445

SDG No.:

Instrument ID: A294 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/17/2022 14:08 Calibration End Date: 10/17/2022 16:02 Calibration ID: 3829

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	+++++ 0.0109	0.0031 0.0114	0.0046	0.0080	0.0096	Lin1	-1.361	0.0114				14.3			0.9960		0.9950
Trichloroethene	0.1740 0.3467	0.2595 0.3380	0.2626	0.3396	0.3554	Lin1	-0.243	0.3444				13.2			0.9980		0.9950
Methylcyclohexane	0.2021 0.4490	0.2953 0.4442	0.3345	0.4378	0.4672	Lin1	-0.379	0.4502				17.2			0.9980		0.9950
1,2-Dichloropropane	0.1980 0.3427	0.2770 0.3273	0.2865	0.3437	0.3557	Ave		0.3044				18.3		20.0			
Dibromomethane	0.1244 0.2190	0.1814 0.2116	0.1904	0.2146	0.2266	Ave		0.1954				18.0		20.0			
Methyl methacrylate	0.1297 0.2759	0.1954 0.2688	0.2041	0.2648	0.2806	Lin1	-0.427	0.2733				15.2			0.9980		0.9950
1,4-Dioxane (P-Dioxane)	0.0021 0.0046	0.0034 0.0046	0.0036	0.0043	0.0046	Lin1	-0.071	0.0046				12.5			0.9990		0.9950
Bromodichloromethane	0.1853 0.3983	0.2817 0.3915	0.2807	0.3607	0.3921	Lin1	-0.333	0.3927				17.8			0.9980		0.9950
2-Nitropropane	0.0448 0.1077	0.0549 0.1140	0.0531	0.0728	0.0932	Qua	-0.543	0.0910	0.0000846			23.2			0.9990		0.9900
2-Chloroethyl vinyl ether	0.0561 0.2265	0.1247 0.2226	0.1342	0.1924	0.2159	Lin1	-0.276	0.2217				26.9			0.9950		0.9950
Epichlorohydrin	+++++ 0.0406	0.0198 0.0405	0.0265	0.0362	0.0409	Lin1	-1.216	0.0417				5.1			0.9990		0.9950
cis-1,3-Dichloropropene	0.1583 0.5412	0.3026 0.5277	0.3490	0.4867	0.5422	Lin1	-0.601	0.5335				23.7			0.9960		0.9950
4-Methyl-2-pentanone	0.2225 0.3699	0.3117 0.3445	0.3285	0.3888	0.3991	Ave		0.3379				17.7		20.0			
Toluene	0.6707 0.9294	0.7821 0.8981	0.7977	0.9534	0.9727	Ave		0.8577				12.9		20.0			
trans-1,3-Dichloropropene	0.1340 0.5494	0.2902 0.5476	0.3198	0.4656	0.5292	Qua	-1.493	0.5565	0.0000177			96.6			0.9990		0.9900
Ethyl methacrylate	0.2027 0.5538	0.3477 0.5446	0.3760	0.5065	0.5562	Lin1	-0.547	0.5486				20.5			0.9970		0.9950
1,1,2-Trichloroethane	0.1992 0.3035	0.2910 0.2928	0.2793	0.3159	0.3148	Ave		0.2852				14.1		20.0			
Tetrachloroethene	0.1521 0.2727	0.2194 0.2646	0.2180	0.2717	0.2794	Ave		0.2397				19.3		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 Houston Job No.: 860-35784-1 Analy Batch No.: 73445

SDG No.:

Instrument ID: A294 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/17/2022 14:08 Calibration End Date: 10/17/2022 16:02 Calibration ID: 3829

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-Dichloropropane	0.5065 0.6321	0.6003 0.6080	0.5677	0.6526	0.6544	Ave		0.6031				8.7		20.0			
2-Hexanone	0.1407 0.2981	0.2195 0.2874	0.2381	0.3012	0.3150	Lin1	-1.010	0.2969				11.4			0.9980		0.9950
Dibromochloromethane	0.1323 0.3686	0.2187 0.3699	0.2362	0.3126	0.3499	Lin1	-0.406	0.3639				25.6			0.9960		0.9950
1,2-Dibromoethane	0.2035 0.3844	0.3120 0.3756	0.3189	0.3735	0.3930	Ave		0.3373				19.9		20.0			
1-Chlorohexane	0.6094 0.3068	0.3291 0.2945	0.2918	0.3214	0.3226	Lin1	0.2730	0.3000				9.1			0.9980		0.9950
Chlorobenzene	0.8243 1.0763	0.9730 1.0322	0.9186	1.0929	1.1103	Ave		1.0039				10.4		20.0			
1,1,1,2-Tetrachloroethane	0.1619 0.3800	0.2510 0.3752	0.2596	0.3478	0.3777	Lin1	-0.349	0.3763				20.0			0.9970		0.9950
Ethylbenzene	1.0301 1.6660	1.3512 1.5859	1.3604	1.6969	1.7525	Ave		1.4919				17.3		20.0			
m,p-Xylenes	0.7601 1.3041	1.0168 1.2440	1.0209	1.3206	1.3628	Ave		1.1471				19.3		20.0			
o-Xylene	0.7089 1.3649	1.0040 1.3010	1.0397	1.3614	1.4244	Lin1	-0.888	1.3468				12.9			0.9970		0.9950
Styrene	0.4658 1.1525	0.7419 1.1164	0.7981	1.0932	1.1673	Lin1	-1.036	1.1373				18.7			0.9970		0.9950
Bromoform	0.0198 0.2502	0.1120 0.2633	0.1208	0.1709	0.2148	Qua	-0.707	0.2145	0.0003670			19.0			0.9990		0.9900
Isopropylbenzene	0.7520 1.6183	1.0811 1.5431	1.1615	1.5696	1.6612	Lin1	-1.267	1.5901				16.7			0.9970		0.9950
cis-1,4-Dichloro-2-butene	+++++ 0.1442	0.0410 0.1548	0.0499	0.0890	0.1221	Qua	-0.739	0.1268	0.0002236			27.8			0.9990		0.9950
Cyclohexanone	0.0058 0.0161	0.0098 0.0160	0.0112	0.0147	0.0161	Lin1	-0.819	0.0160				21.3			0.9970		0.9950
1,1,2,2-Tetrachloroethane	0.6884 0.8619	0.8444 0.8426	0.7766	0.8602	0.9046	Ave		0.8255				8.7		20.0			
Bromobenzene	0.6310 0.8918	0.7721 0.8596	0.7597	0.9015	0.9319	Ave		0.8211				12.9		20.0			
1,2,3-Trichloropropane	0.4596 1.1184	0.8606 1.0980	0.8415	1.0546	1.1335	Lin1	-0.881	1.1112				12.3			0.9990		0.9950

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 Houston Job No.: 860-35784-1 Analy Batch No.: 73445

SDG No.:

Instrument ID: A294 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/17/2022 14:08 Calibration End Date: 10/17/2022 16:02 Calibration ID: 3829

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-1,4-Dichloro-2-butene	+++++ 0.2486	0.1415 0.2486	0.1556	0.2145	0.2412	Lin1	-0.717	0.2533				8.3			0.9990		0.9950
N-Propylbenzene	1.8412 3.3132	2.5987 3.0908	2.7303	3.4917	3.5921	Lin1	-1.625	3.2708				10.1			0.9950		0.9950
2-Chlorotoluene	1.7182 2.3959	2.0818 2.2567	2.0811	2.5590	2.5701	Ave		2.2375				13.6		20.0			
4-Ethyltoluene	1.4051 2.9010	2.1332 2.7376	2.3300	3.0057	3.1038	Lin1	-1.803	2.8711				11.2			0.9960		0.9950
1,3,5-Trimethylbenzene	1.4855 2.4530	2.0308 2.3129	2.0698	2.5725	2.6286	Ave		2.2219				17.9		20.0			
4-Chlorotoluene	1.6589 2.4303	2.1047 2.2796	2.1301	2.5720	2.6187	Ave		2.2563				14.7		20.0			
tert-Butylbenzene	0.9989 2.1083	1.4477 2.0237	1.5637	2.0803	2.2125	Lin1	-1.584	2.0879				15.4			0.9970		0.9950
1,2,4-Trimethylbenzene	1.1781 2.5391	1.8406 2.4322	1.9781	2.6032	2.6952	Lin1	-1.749	2.5249				12.3			0.9970		0.9950
sec-Butylbenzene	1.4404 2.8860	2.1035 2.7607	2.2489	2.9424	3.0780	Lin1	-1.899	2.8678				12.6			0.9970		0.9950
1,3-Dichlorobenzene	0.9748 1.6139	1.3267 1.5569	1.3422	1.6364	1.6823	Ave		1.4476				17.4		20.0			
p-Cymene (p-Isopropyltoluene)	1.1623 2.6609	1.7876 2.5418	1.9992	2.6230	2.8036	Lin1	-2.070	2.6325				15.1			0.9970		0.9950
1,4-Dichlorobenzene	1.4015 1.6614	1.5193 1.6104	1.4784	1.7068	1.7418	Ave		1.5885				7.9		20.0			
Dicyclopentadiene	1.6761 2.8610	2.2390 2.6854	2.2827	2.9468	3.0700	Ave		2.5373				19.5		20.0			
Benzyl chloride	+++++ 0.3015	0.0846 0.3145	0.0967	0.1814	0.2496	Qua	-1.743	0.2752	0.0003532			33.0			0.9990		0.9900
n-Butylbenzene	0.9480 2.2504	1.4753 2.1579	1.6283	2.1875	2.3586	Lin1	-1.871	2.2259				16.8			0.9970		0.9950
1,2-Dichlorobenzene	1.0822 1.6024	1.3792 1.5497	1.3845	1.6358	1.6633	Ave		1.4710				14.0		20.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.1529	0.0687 0.1575	0.0809	0.1130	0.1369	Lin1	-0.619	0.1572				13.9			0.9960		0.9950
1,2,4-Trichlorobenzene	0.4040 0.8988	0.5911 0.8879	0.6418	0.8292	0.9179	Lin1	-0.792	0.8945				19.0			0.9970		0.9950

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

Released to Imaging: 3/4/2024 2:02:33 PM

Received by OCD: 3/30/2023 11:30:39 AM

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Houston Job No.: 860-35784-1 Analy Batch No.: 73445

SDG No.:

Instrument ID: A294 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/17/2022 14:08 Calibration End Date: 10/17/2022 16:02 Calibration ID: 3829

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								
Hexachlorobutadiene	0.1648 0.4004	0.2916 0.3991	0.3122	0.3820	0.4129	Lin1	-0.329	0.4022				13.1			0.9990		0.9950
Naphthalene	+++++ 1.5108	0.7737 1.5107	0.9341	1.2763	1.4807	Lin1	-4.733	1.5448				7.7			0.9990		0.9950
1,2,3-Trichlorobenzene	0.2997 0.5827	0.4051 0.5831	0.4618	0.5619	0.5975	Lin1	-0.441	0.5856				15.2			0.9990		0.9950
2-Methylnaphthalene	+++++ 0.2079	0.0553 0.2594	0.0993	0.1223	0.1724	Qua	-0.335	0.1227	0.0009217			5.0			1.0000		0.9900
1-Methylnaphthalene	+++++ 0.1560	0.0500 0.1900	0.0786	0.0987	0.1283	Qua	-0.248	0.0974	0.0006263			2.7			1.0000		0.9900
Dibromofluoromethane (Surr)	0.4239 0.4181	0.4373 0.4202	0.4304	0.4237	0.4205	Ave		0.4249				1.6		20.0			
1,2-Dichloroethane-d4 (Surr)	0.3567 0.2858	0.3475 0.2805	0.3530	0.3151	0.2957	Ave		0.3192				10.3		20.0			
Toluene-d8 (Surr)	1.3530 1.2803	1.3649 1.2833	1.3430	1.3239	1.2947	Ave		1.3204				2.6		20.0			
4-Bromofluorobenzene (Surr)	0.8165 0.8265	0.8441 0.8156	0.8572	0.8539	0.8441	Ave		0.8368				2.1		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 Houston Job No.: 860-35784-1 Analy Batch No.: 73445

SDG No.:

Instrument ID: A294 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/17/2022 14:08 Calibration End Date: 10/17/2022 16:02 Calibration ID: 3829

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-73445/2	T10172214.D
Level 2	IC 860-73445/3	T10172215.D
Level 3	IC 860-73445/4	T10172216.D
Level 4	IC 860-73445/5	T10172217.D
Level 5	ICIS 860-73445/6	T10172218.D
Level 6	IC 860-73445/8	T10172219.D
Level 7	IC 860-73445/10	T10172220.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
Dichlorodifluoromethane	PFB	Ave	2168 238737	8949 377122	22414	60926	127938	1.00 100	5.00 150	10.0	25.0	50.0
Chloromethane	PFB	Ave	4775 466170	20600 744266	43104	112895	250784	1.00 100	5.00 150	10.0	25.0	50.0
Vinyl chloride	PFB	Ave	3865 446508	16458 737751	36757	103304	237540	1.00 100	5.00 150	10.0	25.0	50.0
1,3-Butadiene	PFB	Ave	3128 348543	13094 621830	31488	85603	175604	1.00 100	5.00 150	10.0	25.0	50.0
Ethylene oxide	PFB	Ave	7406 386956	46953 521599	91750	233792	272971	5.00 500	25.0 750	50.0	125	250
Bromomethane	PFB	Qua	4210 178066	21646 +++++	38005	95099	139922	1.00 100	5.00 +++++	10.0	25.0	50.0
Chloroethane	PFB	Ave	3036 294793	14195 409560	30362	76386	173310	1.00 100	5.00 150	10.0	25.0	50.0
Dichlorofluoromethane	PFB	Ave	8314 999970	39855 1560453	79971	226609	489917	1.00 100	5.00 150	10.0	25.0	50.0
Trichlorofluoromethane	PFB	Ave	5432 658902	23553 945695	51584	146584	324751	1.00 100	5.00 150	10.0	25.0	50.0
Diethyl ether	PFB	Ave	1827 368915	12347 559232	26773	82721	184152	1.00 100	5.00 150	10.0	25.0	50.0
Acrolein	PFB	Lin1	1752 511319	15377 775950	33594	111827	252289	5.00 500	25.0 750	50.0	125	250
1,1-Dichloroethene	PFB	Lin1	1686 433598	13257 627375	29099	98309	213279	1.00 100	5.00 150	10.0	25.0	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	PFB	Lin1	1398 347819	12425 513565	24854	78902	178586	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 Houston Job No.: 860-35784-1 Analy Batch No.: 73445

SDG No.:

Instrument ID: A294 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/17/2022 14:08 Calibration End Date: 10/17/2022 16:02 Calibration ID: 3829

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	3254 336016	14143 521729	25915	75502	172851	5.00 500	25.0 750	50.0	125	250
Iodomethane (Methyl Iodide)	PFB	Qua	+++++ 608743	5624 1005831	17200	96238	296770	+++++ 100	5.00 150	10.0	25.0	50.0
Carbon disulfide	PFB	Qua	5133 1333982	32684 2045904	76217	263629	635385	1.00 100	5.00 150	10.0	25.0	50.0
Isopropyl alcohol	PFB	Lin1	2291 450128	14250 724058	27279	89373	212337	10.0 1000	50.0 1500	100	250	500
Acetonitrile	PFB	Ave	5734 651822	27392 971357	52386	150371	318851	10.0 1000	50.0 1500	100	250	500
Allyl Chloride (3-Chloropropene)	PFB	Lin1	641 387025	8656 598147	22116	83350	190098	1.00 100	5.00 150	10.0	25.0	50.0
Methyl acetate	PFB	Ave	9068 1127243	43093 1633403	84730	246793	550166	2.00 200	10.0 300	20.0	50.0	100
Methylene Chloride	PFB	Ave	4745 649897	26052 972699	50995	153926	323913	1.00 100	5.00 150	10.0	25.0	50.0
tert-Butyl alcohol	PFB	Qua	3603 732820	20603 1171075	43534	138277	335247	10.0 1000	50.0 1500	100	250	500
Acrylonitrile	PFB	Ave	16979 3021228	111954 4462176	222429	702128	1501950	10.0 1000	50.0 1500	100	250	500
trans-1,2-Dichloroethene	PFB	Qua	2323 599441	17871 781915	37952	132235	283060	1.00 100	5.00 150	10.0	25.0	50.0
MTBE	PFB	Ave	9614 1944591	60983 2999686	131198	406430	853522	1.00 100	5.00 150	10.0	25.0	50.0
n-Hexane	PFB	Lin1	2289 600327	18050 908854	40882	129536	298278	1.00 100	5.00 150	10.0	25.0	50.0
1,1-Dichloroethane	PFB	Ave	5099 979382	34554 1434097	73434	239655	512145	1.00 100	5.00 150	10.0	25.0	50.0
Vinyl acetate	PFB	Lin1	36870 8913556	285061 12947488	663846	2176729	4621765	5.00 500	25.0 750	50.0	125	250
Isopropyl ether	PFB	Ave	10813 2159331	73156 3168017	160185	489215	1097409	1.00 100	5.00 150	10.0	25.0	50.0
Chloroprene	PFB	Lin1	2439 813755	23476 1242429	51834	178762	409364	1.00 100	5.00 150	10.0	25.0	50.0
Ethyl tert-butyl ether	PFB	Lin1	8882 1878820	58861 2814849	124031	422719	932223	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 Houston Job No.: 860-35784-1 Analy Batch No.: 73445

SDG No.:

Instrument ID: A294 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/17/2022 14:08 Calibration End Date: 10/17/2022 16:02 Calibration ID: 3829

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	4084 840649	30146 1255704	63688	200261	431702	1.00 100	5.00 150	10.0	25.0	50.0
2,2-Dichloropropane	PFB	Lin1	2452 811573	19347 1233676	46448	170848	395348	1.00 100	5.00 150	10.0	25.0	50.0
2-Butanone	PFB	Ave	4084 490242	17342 758633	36842	106534	241914	5.00 500	25.0 750	50.0	125	250
Propane Nitrile (Propionitrile)	PFB	Ave	7657 1163146	42154 1729699	88154	275556	577434	10.0 1000	50.0 1500	100	250	500
Ethyl acetate	PFB	Ave	15026 1724409	59741 2523702	117013	431191	911239	2.00 200	10.0 300	20.0	50.0	100
Methacrylonitrile	PFB	Ave	18983 3387663	129430 5036837	256697	842928	1735851	10.0 1000	50.0 1500	100	250	500
Bromochloromethane	PFB	Ave	2332 496853	17848 713642	37463	112852	253561	1.00 100	5.00 150	10.0	25.0	50.0
Tetrahydrofuran	PFB	Ave	3355 486431	16731 748637	32992	99767	254658	2.00 200	10.0 300	20.0	50.0	100
Chloroform	PFB	Ave	5909 1119097	39866 1647190	79227	257608	568513	1.00 100	5.00 150	10.0	25.0	50.0
1,1,1-Trichloroethane	PFB	Lin1	3198 855424	25467 1295717	56167	193663	429246	1.00 100	5.00 150	10.0	25.0	50.0
Cyclohexane	PFB	Ave	4958 741902	28563 1100768	57993	180280	382460	1.00 100	5.00 150	10.0	25.0	50.0
1,1-Dichloropropene	PFB	Ave	4732 761176	22780 1189611	48339	171808	395856	1.00 100	5.00 150	10.0	25.0	50.0
Carbon tetrachloride	PFB	Ave	4452 688027	20014 1109057	37945	143978	322520	1.00 100	5.00 150	10.0	25.0	50.0
Isobutanol	DFBZ	Lin1	4732 883417	25411 1392014	54782	174839	411110	25.0 2500	125 3750	250	625	1250
Benzene	DFBZ	Ave	13640 2601457	93823 3867103	199335	625709	1339154	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dichloroethane	DFBZ	Ave	5777 921820	36667 1364622	72224	223433	475920	1.00 100	5.00 150	10.0	25.0	50.0
2,2,4-Trimethylpentane	DFBZ	Lin1	7013 1466967	47229 2205944	106550	340663	753188	1.00 100	5.00 150	10.0	25.0	50.0
Tert-amyl methyl ether	DFBZ	Lin1	8806 1930706	59309 2973085	121322	395683	899038	1.00 100	5.00 150	10.0	25.0	50.0

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Received by OCD: 3/30/2023 11:30:39 AM

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Houston Job No.: 860-35784-1 Analy Batch No.: 73445

SDG No.:

Instrument ID: A294 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/17/2022 14:08 Calibration End Date: 10/17/2022 16:02 Calibration ID: 3829

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	Lin1	+++++ 546418	6652 887230	20796	94519	234446	+++++ 2480	124 3720	248	620	1240
Trichloroethene	DFBZ	Lin1	3024 700344	22653 1063025	47558	161514	349636	1.00 100	5.00 150	10.0	25.0	50.0
Methylcyclohexane	DFBZ	Lin1	3511 906922	25779 1396877	60590	208207	459605	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dichloropropane	DFBZ	Ave	3441 692224	24185 1029273	51883	163445	349910	1.00 100	5.00 150	10.0	25.0	50.0
Dibromomethane	DFBZ	Ave	2162 442395	15840 665259	34478	102044	222943	1.00 100	5.00 150	10.0	25.0	50.0
Methyl methacrylate	DFBZ	Lin1	4507 1114467	34122 1690412	73925	251812	552075	2.00 200	10.0 300	20.0	50.0	100
1,4-Dioxane (P-Dioxane)	DFBZ	Lin1	719 185810	6011 287669	13144	40945	90787	20.0 2000	100 3000	200	500	1000
Bromodichloromethane	DFBZ	Lin1	3220 804533	24593 1231179	50841	171530	385722	1.00 100	5.00 150	10.0	25.0	50.0
2-Nitropropane	CBNZ d5	Qua	1275 384405	7894 627634	16354	59506	160942	2.00 200	10.0 300	20.0	50.0	100
2-Chloroethyl vinyl ether	DFBZ	Lin1	974 457601	10889 699960	24301	91516	212439	1.00 100	5.00 150	10.0	25.0	50.0
Epichlorohydrin	DFBZ	Lin1	+++++ 820638	17306 1275903	48007	172368	402819	+++++ 1001	50.0 1501	100	250	500
cis-1,3-Dichloropropene	DFBZ	Lin1	2750 1093300	26414 1659319	63210	231468	533395	1.00 100	5.00 150	10.0	25.0	50.0
4-Methyl-2-pentanone	DFBZ	Ave	19333 3735968	136037 5416837	297497	924596	1963094	5.00 500	25.0 750	50.0	125	250
Toluene	CBNZ d5	Ave	9535 1659263	56213 2472596	122789	389454	839918	1.00 100	5.00 150	10.0	25.0	50.0
trans-1,3-Dichloropropene	CBNZ d5	Qua	1905 980759	20862 1507478	49230	190189	456991	1.00 100	5.00 150	10.0	25.0	50.0
Ethyl methacrylate	CBNZ d5	Lin1	2882 988636	24995 1499333	57871	206916	480311	1.00 100	5.00 150	10.0	25.0	50.0

Released to Imaging: 3/4/2024 2:02:33 PM

Received by OCD: 3/30/2023 11:30:39 AM

FORM VI
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RESPONSE AND CONCENTRATION

Lab Name: Eurofins Houston Job No.: 860-35784-1 Analy Batch No.: 73445

SDG No.:

Instrument ID: A294 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/17/2022 14:08 Calibration End Date: 10/17/2022 16:02 Calibration ID: 3829

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
1,1,2-Trichloroethane	CBNZ d5	Ave	2832 541888	20918 806106	42993	129038	271862	1.00 100	5.00 150	10.0	25.0	50.0
Tetrachloroethene	CBNZ d5	Ave	2162 486911	15771 728500	33561	110982	241286	1.00 100	5.00 150	10.0	25.0	50.0
1,3-Dichloropropane	CBNZ d5	Ave	7200 1128567	43146 1673913	87383	266587	565026	1.00 100	5.00 150	10.0	25.0	50.0
2-Hexanone	CBNZ d5	Lin1	10001 2661241	78887 3956256	183262	615148	1360123	5.00 500	25.0 750	50.0	125	250
Dibromochloromethane	CBNZ d5	Lin1	1881 658029	15723 1018386	36362	127707	302099	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dibromoethane	CBNZ d5	Ave	2893 686281	22423 1034021	49087	152571	339345	1.00 100	5.00 150	10.0	25.0	50.0
1-Chlorohexane	CBNZ d5	Lin1	8663 547775	23654 810882	44919	131280	278573	1.00 100	5.00 150	10.0	25.0	50.0
Chlorobenzene	CBNZ d5	Ave	11718 1921443	69939 2841846	141404	446454	958686	1.00 100	5.00 150	10.0	25.0	50.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Lin1	2302 678474	18044 1032877	39967	142090	326160	1.00 100	5.00 150	10.0	25.0	50.0
Ethylbenzene	CBNZ d5	Ave	14644 2974337	97124 4366062	209408	693171	1513267	1.00 100	5.00 150	10.0	25.0	50.0
m,p-Xylenes	CBNZ d5	Ave	10805 2328232	73088 3424897	157148	539482	1176769	1.00 100	5.00 150	10.0	25.0	50.0
o-Xylene	CBNZ d5	Lin1	10077 2436790	72168 3581804	160037	556138	1229970	1.00 100	5.00 150	10.0	25.0	50.0

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Received by OCD: 3/30/2023 11:30:39 AM

FORM VI
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RESPONSE AND CONCENTRATION

Lab Name: Eurofins Houston Job No.: 860-35784-1 Analy Batch No.: 73445

SDG No.:

Instrument ID: A294 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/17/2022 14:08 Calibration End Date: 10/17/2022 16:02 Calibration ID: 3829

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
Styrene	CBNZ d5	Lin1	6621 2057597	53327 3073514	122860	446582	1007943	1.00 100	5.00 150	10.0	25.0	50.0
Bromoform	CBNZ d5	Qua	281 446739	8049 724798	18593	69795	185454	1.00 100	5.00 150	10.0	25.0	50.0
Isopropylbenzene	CBNZ d5	Lin1	10690 2889085	77710 4248257	178786	641203	1434412	1.00 100	5.00 150	10.0	25.0	50.0
cis-1,4-Dichloro-2-butene	CBNZ d5	Qua	+++++ 257423	2945 426178	7678	36355	105428	+++++ 100	5.00 150	10.0	25.0	50.0
Cyclohexanone	CBNZ d5	Lin1	4158 1437970	35123 2207388	86021	299769	696208	50.0 5000	250 7500	500	1250	2500
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	4991 854804	32028 1308159	63023	186074	419436	1.00 100	5.00 150	10.0	25.0	50.0
Bromobenzene	DCBd 4	Ave	4575 884491	29285 1334511	61654	195002	432120	1.00 100	5.00 150	10.0	25.0	50.0
1,2,3-Trichloropropane	DCBd 4	Lin1	3332 1109226	32643 1704638	68294	228131	525607	1.00 100	5.00 150	10.0	25.0	50.0
trans-1,4-Dichloro-2-butene	DCBd 4	Lin1	+++++ 246526	5368 385964	12630	46393	111859	+++++ 100	5.00 150	10.0	25.0	50.0
N-Propylbenzene	DCBd 4	Lin1	13349 3285991	98566 4798402	221584	755304	1665611	1.00 100	5.00 150	10.0	25.0	50.0
2-Chlorotoluene	DCBd 4	Ave	12457 2376203	78959 3503483	168894	553537	1191742	1.00 100	5.00 150	10.0	25.0	50.0
4-Ethyltoluene	DCBd 4	Lin1	10187 2877164	80909 4250181	189091	650166	1439185	1.00 100	5.00 150	10.0	25.0	50.0

Released to Imaging: 3/4/2024 2:02:33 PM

Received by OCD: 3/30/2023 11:30:39 AM

FORM VI
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RESPONSE AND CONCENTRATION

Lab Name: Eurofins Houston Job No.: 860-35784-1 Analy Batch No.: 73445

SDG No.:

Instrument ID: A294 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/17/2022 14:08 Calibration End Date: 10/17/2022 16:02 Calibration ID: 3829

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
1,3,5-Trimethylbenzene	DCBd 4	Ave	10770 2432884	77024 3590846	167977	556455	1218866	1.00 100	5.00 150	10.0	25.0	50.0
4-Chlorotoluene	DCBd 4	Ave	12027 2410338	79827 3539066	172869	556357	1214259	1.00 100	5.00 150	10.0	25.0	50.0
tert-Butylbenzene	DCBd 4	Lin1	7242 2090975	54911 3141744	126904	449991	1025901	1.00 100	5.00 150	10.0	25.0	50.0
1,2,4-Trimethylbenzene	DCBd 4	Lin1	8541 2518294	69812 3776050	160536	563112	1249740	1.00 100	5.00 150	10.0	25.0	50.0
sec-Butylbenzene	DCBd 4	Lin1	10443 2862324	79785 4286013	182516	636478	1427238	1.00 100	5.00 150	10.0	25.0	50.0
1,3-Dichlorobenzene	DCBd 4	Ave	7067 1600642	50320 2417151	108925	353965	780082	1.00 100	5.00 150	10.0	25.0	50.0
p-Cymene (p-Isopropyltoluene)	DCBd 4	Lin1	8427 2639055	67800 3946084	162247	567398	1300000	1.00 100	5.00 150	10.0	25.0	50.0
1,4-Dichlorobenzene	DCBd 4	Ave	10161 1647769	57627 2500124	119980	369194	807677	1.00 100	5.00 150	10.0	25.0	50.0
Dicyclopentadiene	DCBd 4	Ave	12152 2837479	84923 4169056	185258	637429	1423551	1.00 100	5.00 150	10.0	25.0	50.0
Benzyl chloride	DCBd 4	Qua	+++++ 298984	3207 488247	7848	39233	115727	+++++ 100	5.00 150	10.0	25.0	50.0
n-Butylbenzene	DCBd 4	Lin1	6873 2231947	55958 3350151	132149	473187	1093652	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dichlorobenzene	DCBd 4	Ave	7846 1589241	52313 2405901	112358	353844	771239	1.00 100	5.00 150	10.0	25.0	50.0

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Received by OCD: 3/30/2023 11:30:39 AM

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Houston Job No.: 860-35784-1 Analy Batch No.: 73445

SDG No.:

Instrument ID: A294 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/17/2022 14:08 Calibration End Date: 10/17/2022 16:02 Calibration ID: 3829

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-Dibromo-3-Chloropropane	DCBd 4	Lin1	+++++ 151614	2607 244494	6568	24454	63495	+++++ 100	5.00 150	10.0	25.0	50.0
1,2,4-Trichlorobenzene	DCBd 4	Lin1	2929 891446	22419 1378421	52086	179362	425613	1.00 100	5.00 150	10.0	25.0	50.0
Hexachlorobutadiene	DCBd 4	Lin1	1195 397120	11060 619673	25334	82635	191441	1.00 100	5.00 150	10.0	25.0	50.0
Naphthalene	DCBd 4	Lin1	+++++ 1498427	29344 2345407	75804	276086	686594	+++++ 100	5.00 150	10.0	25.0	50.0
1,2,3-Trichlorobenzene	DCBd 4	Lin1	2173 577934	15365 905313	37478	121537	277035	1.00 100	5.00 150	10.0	25.0	50.0
2-Methylnaphthalene	DCBd 4	Qua	+++++ 206201	2098 402780	8058	26457	79961	+++++ 100	5.00 150	10.0	25.0	50.0
1-Methylnaphthalene	DCBd 4	Qua	+++++ 154687	1896 294945	6380	21351	59469	+++++ 100	5.00 150	10.0	25.0	50.0
Dibromofluoromethane (Surr)	PFB	Ave	243576 289301	259907 294906	265342	269459	278252	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	DFBZ	Ave	309921 288679	303367 294068	319663	299708	290908	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	961666 1142863	981026 1177648	1033623	1081623	1117943	50.0 50.0	50.0 50.0	50.0	50.0	50.0
4-Bromofluorobenzene (Surr)	DCBd 4	Ave	295972 409867	320171 422058	347825	369430	391410	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

Released to Imaging: 3/4/2024 2:02:33 PM

Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

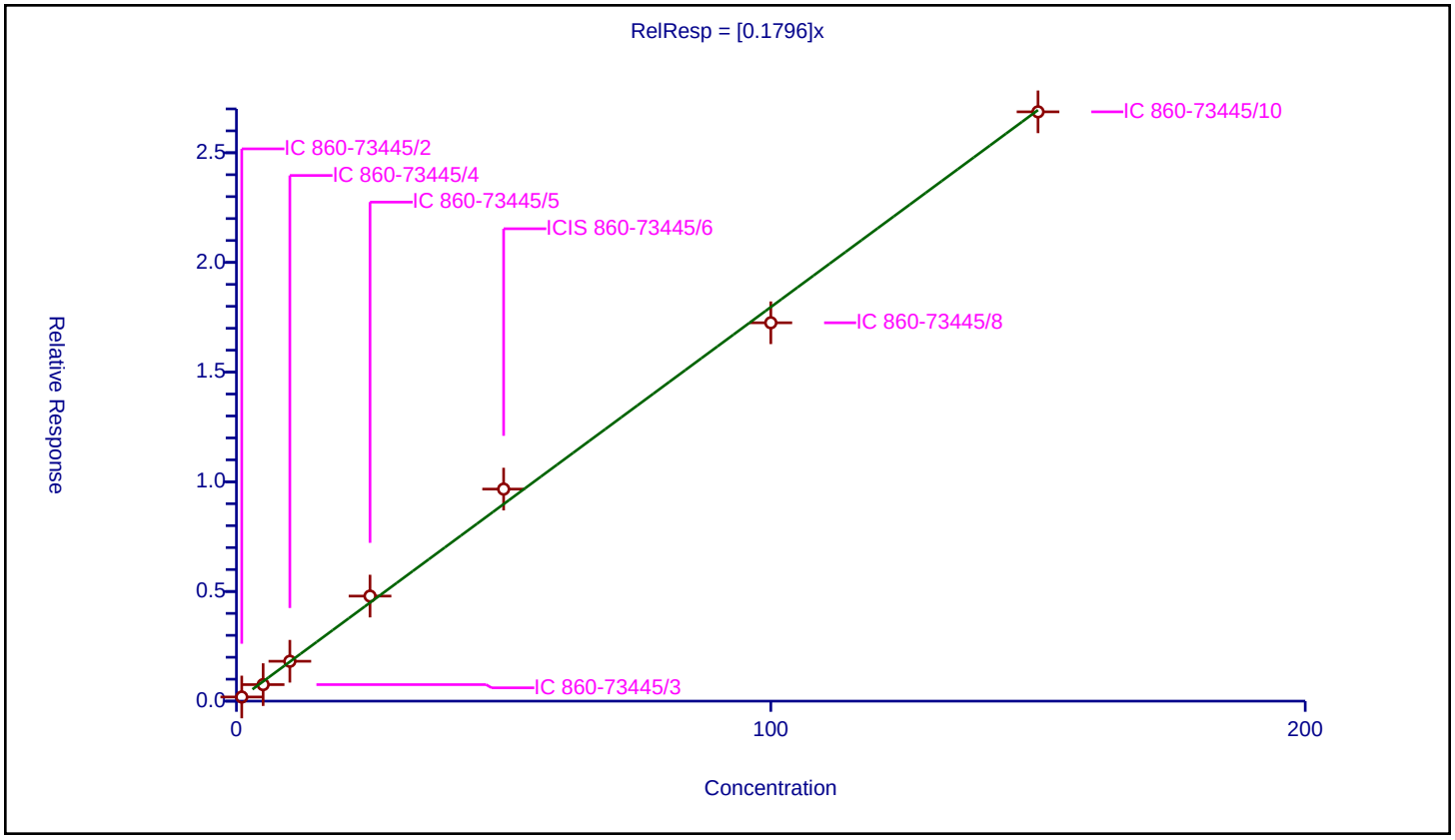
Curve Coefficients

Intercept:	0
Slope:	0.1796

Error Coefficients

Standard Error:	191000
Relative Standard Error:	8.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	1.0	0.18864	50.0	574640.0	0.18864	Y
2	IC 860-73445/3	5.0	0.752932	50.0	594277.0	0.150586	Y
3	IC 860-73445/4	10.0	1.817928	50.0	616471.0	0.181793	Y
4	IC 860-73445/5	25.0	4.789486	50.0	636039.0	0.191579	Y
5	ICIS 860-73445/6	50.0	9.667445	50.0	661695.0	0.193349	Y
6	IC 860-73445/8	100.0	17.249409	50.0	692015.0	0.172494	Y
7	IC 860-73445/10	150.0	26.866282	50.0	701850.0	0.179109	Y



Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

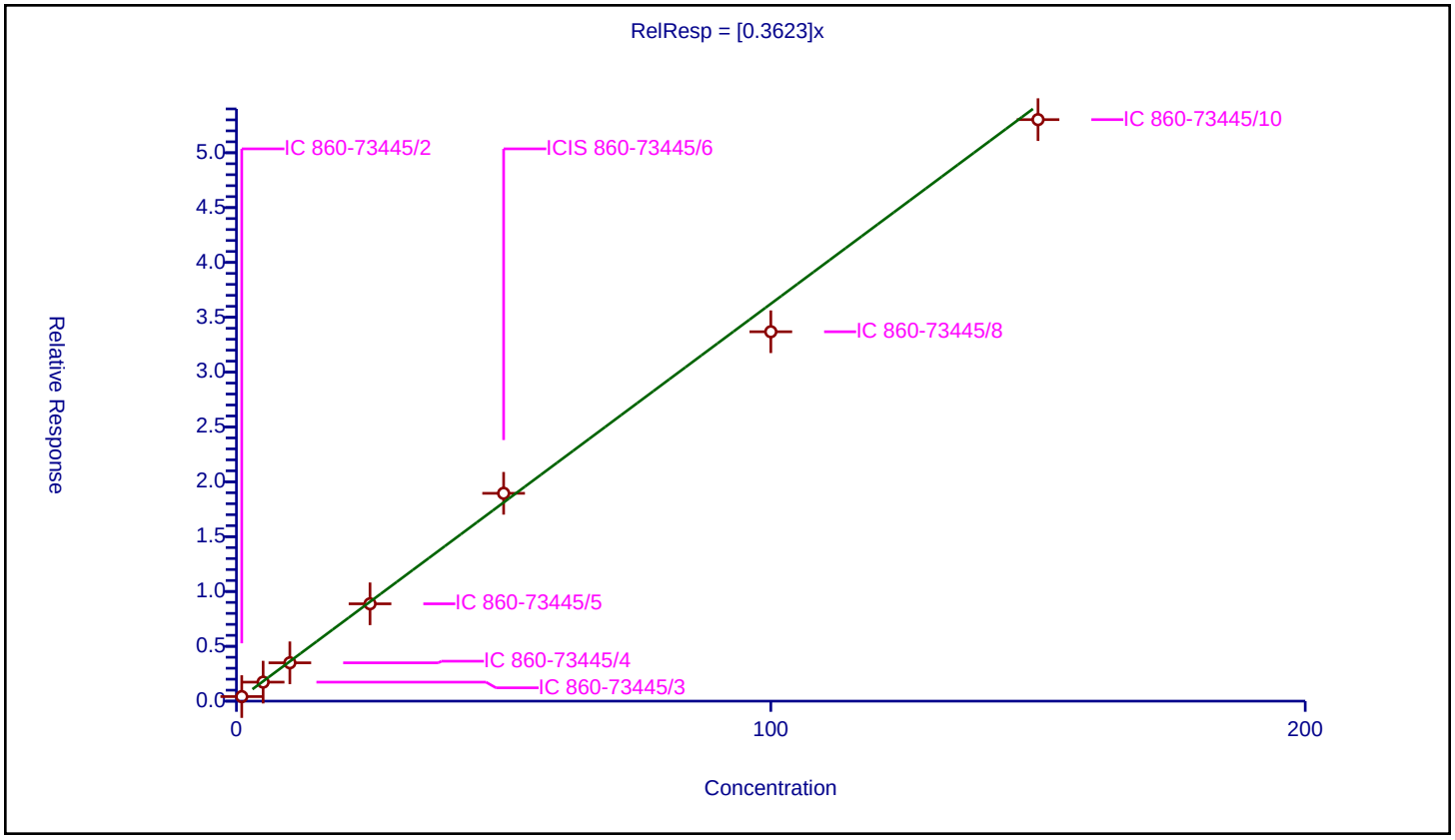
Curve Coefficients

Intercept:	0
Slope:	0.3623

Error Coefficients

Standard Error:	376000
Relative Standard Error:	7.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	1.0	0.415478	50.0	574640.0	0.415478	Y
2	IC 860-73445/3	5.0	1.733198	50.0	594277.0	0.34664	Y
3	IC 860-73445/4	10.0	3.496028	50.0	616471.0	0.349603	Y
4	IC 860-73445/5	25.0	8.874849	50.0	636039.0	0.354994	Y
5	ICIS 860-73445/6	50.0	18.950121	50.0	661695.0	0.379002	Y
6	IC 860-73445/8	100.0	33.682073	50.0	692015.0	0.336821	Y
7	IC 860-73445/10	150.0	53.021728	50.0	701850.0	0.353478	Y



Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

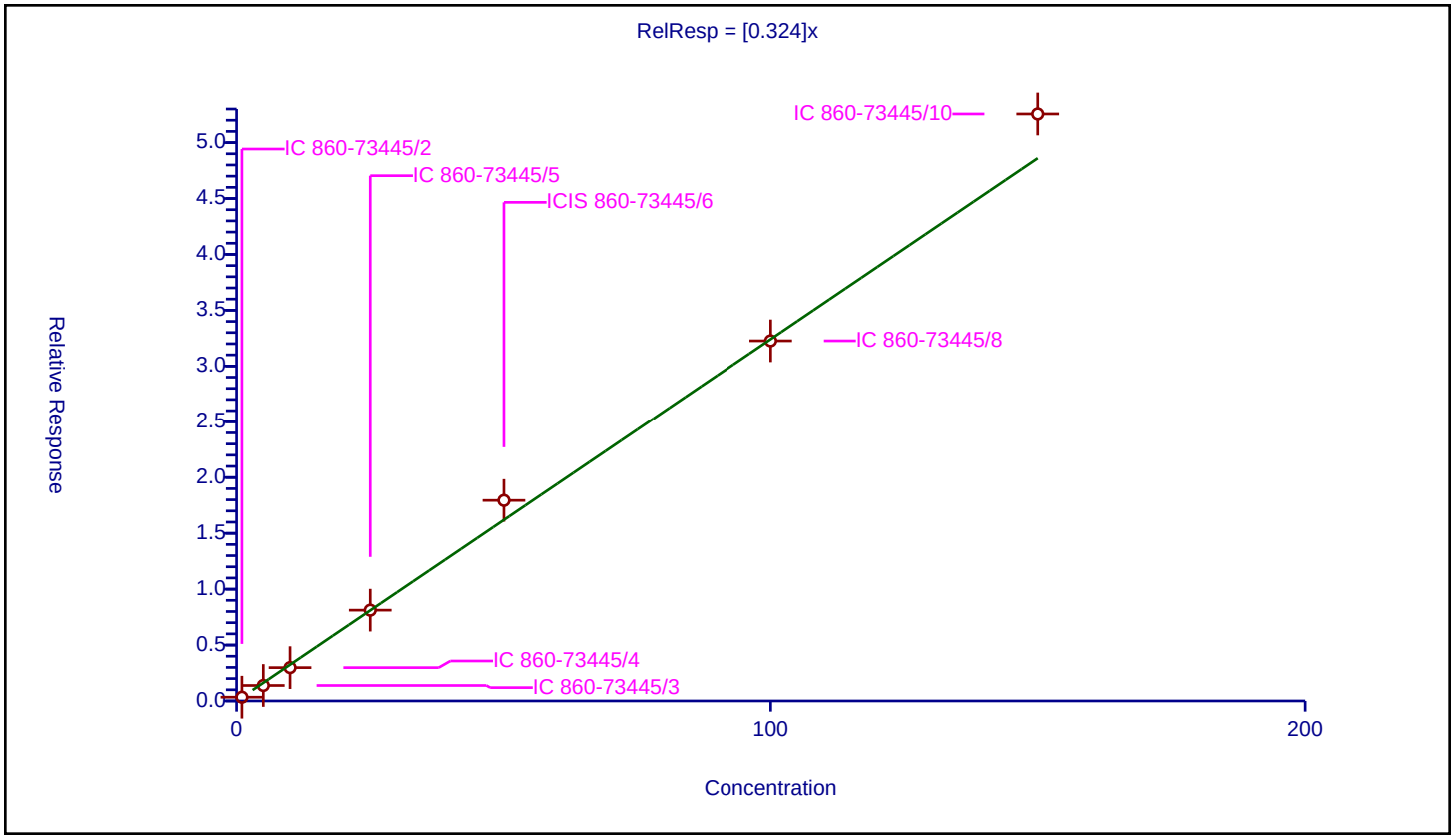
Curve Coefficients

Intercept:	0
Slope:	0.324

Error Coefficients

Standard Error:	368000
Relative Standard Error:	8.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	1.0	0.336298	50.0	574640.0	0.336298	Y
2	IC 860-73445/3	5.0	1.384708	50.0	594277.0	0.276942	Y
3	IC 860-73445/4	10.0	2.981243	50.0	616471.0	0.298124	Y
4	IC 860-73445/5	25.0	8.120886	50.0	636039.0	0.324835	Y
5	ICIS 860-73445/6	50.0	17.949357	50.0	661695.0	0.358987	Y
6	IC 860-73445/8	100.0	32.261439	50.0	692015.0	0.322614	Y
7	IC 860-73445/10	150.0	52.557598	50.0	701850.0	0.350384	Y



Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

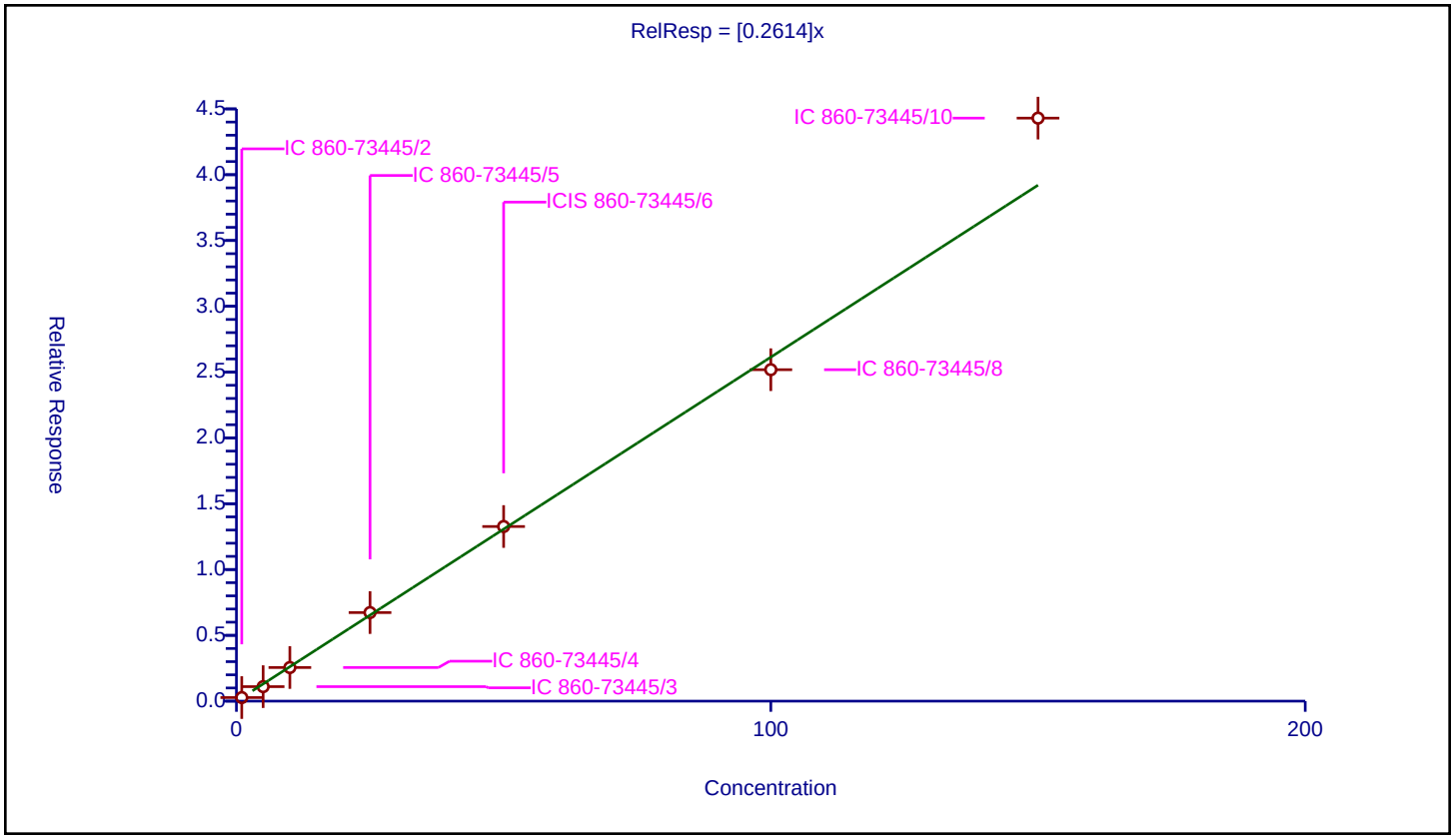
Curve Coefficients

Intercept:	0
Slope:	0.2614

Error Coefficients

Standard Error:	302000
Relative Standard Error:	8.8
Correlation Coefficient:	0.990
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	1.0	0.27217	50.0	574640.0	0.27217	Y
2	IC 860-73445/3	5.0	1.101675	50.0	594277.0	0.220335	Y
3	IC 860-73445/4	10.0	2.553891	50.0	616471.0	0.255389	Y
4	IC 860-73445/5	25.0	6.729383	50.0	636039.0	0.269175	Y
5	ICIS 860-73445/6	50.0	13.269255	50.0	661695.0	0.265385	Y
6	IC 860-73445/8	100.0	25.183197	50.0	692015.0	0.251832	Y
7	IC 860-73445/10	150.0	44.299352	50.0	701850.0	0.295329	Y



Calibration / Ethylene oxide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

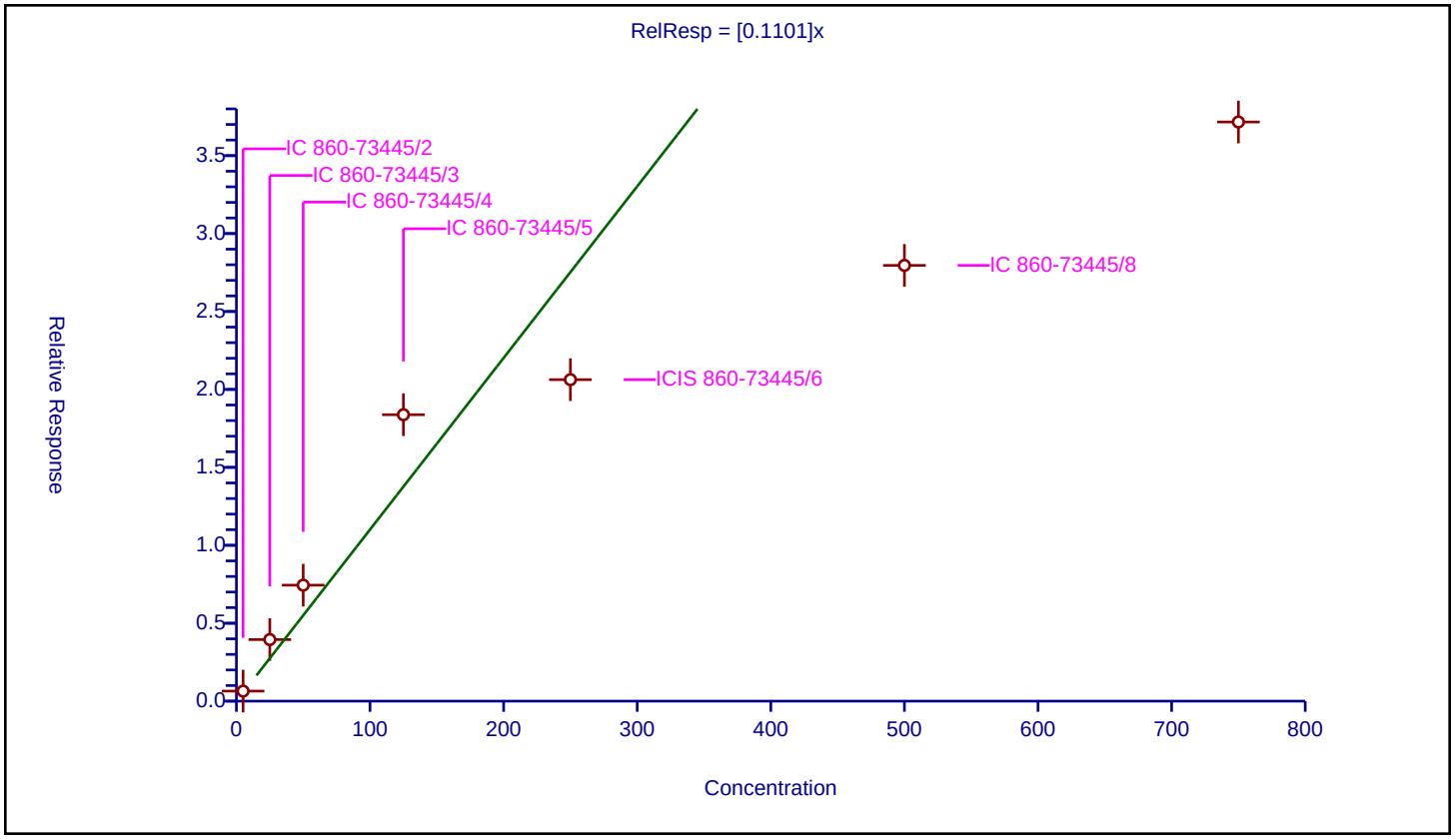
Curve Coefficients

Intercept:	0
Slope:	0.1101

Error Coefficients

Standard Error:	306000
Relative Standard Error:	42.1
Correlation Coefficient:	0.927
Coefficient of Determination (Adjusted):	0.804

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	5.0	0.644403	50.0	574640.0	0.128881	Y
2	IC 860-73445/3	25.0	3.950431	50.0	594277.0	0.158017	Y
3	IC 860-73445/4	50.0	7.44155	50.0	616471.0	0.148831	Y
4	IC 860-73445/5	125.0	18.378747	50.0	636039.0	0.14703	Y
5	ICIS 860-73445/6	250.0	20.626648	50.0	661695.0	0.082507	Y
6	IC 860-73445/8	500.0	27.958643	50.0	692015.0	0.055917	Y
7	IC 860-73445/10	750.0	37.158866	50.0	701850.0	0.049545	Y



Calibration / Bromomethane

Curve Type:	Quadratic
Weighting:	None
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

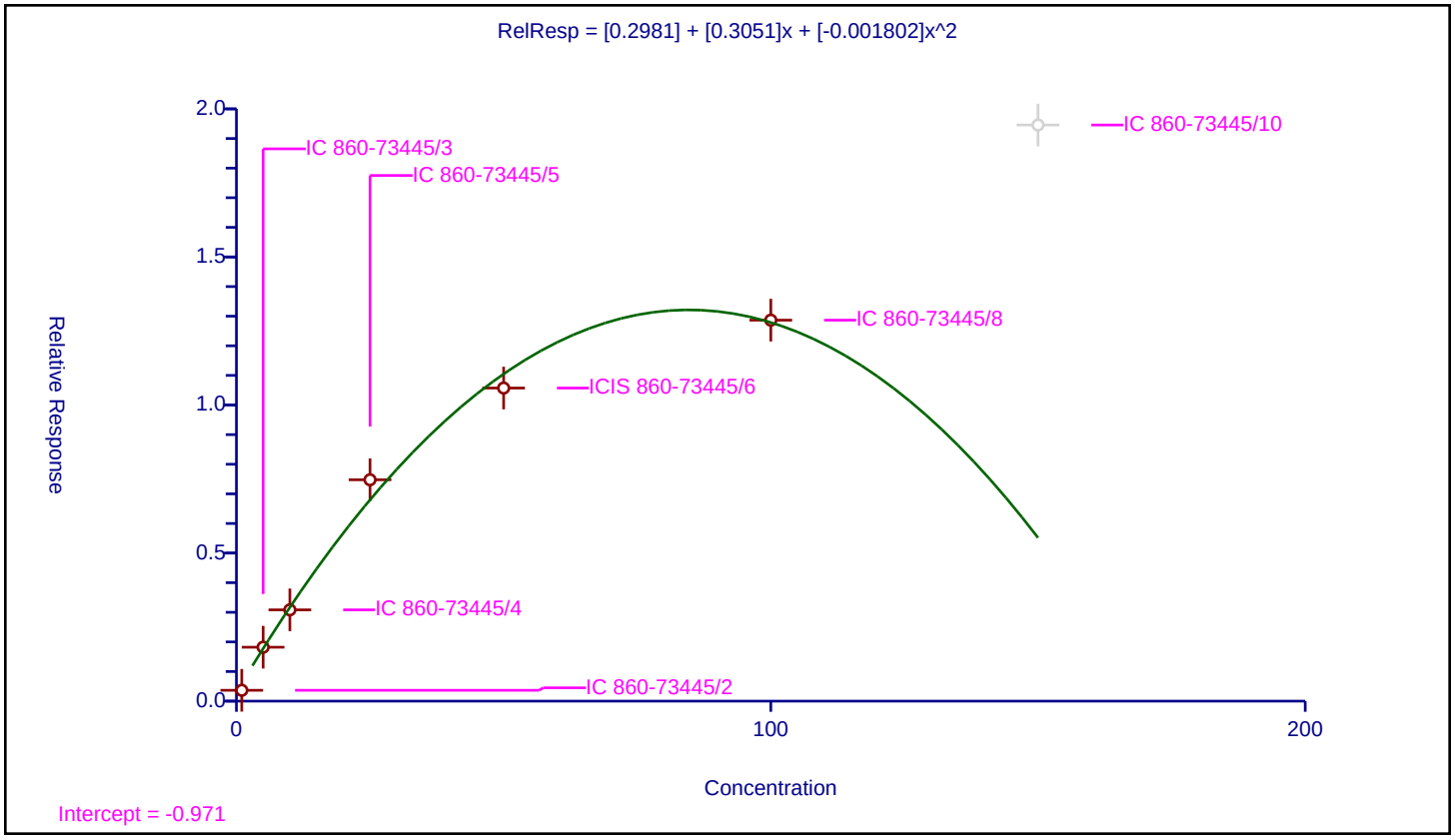
Curve Coefficients

Intercept:	0.2981
Slope:	0.3051
Second Order:	-0.001802

Error Coefficients

Standard Error:	144000
Relative Standard Error:	48.7
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	1.0	0.366316	50.0	574640.0	0.366316	Y
2	IC 860-73445/3	5.0	1.821205	50.0	594277.0	0.364241	Y
3	IC 860-73445/4	10.0	3.082465	50.0	616471.0	0.308246	Y
4	IC 860-73445/5	25.0	7.475878	50.0	636039.0	0.299035	Y
5	ICIS 860-73445/6	50.0	10.572998	50.0	661695.0	0.21146	Y
6	IC 860-73445/8	100.0	12.865762	50.0	692015.0	0.128658	Y
7	IC 860-73445/10	150.0	19.45551	50.0	701850.0	0.129703	N



Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

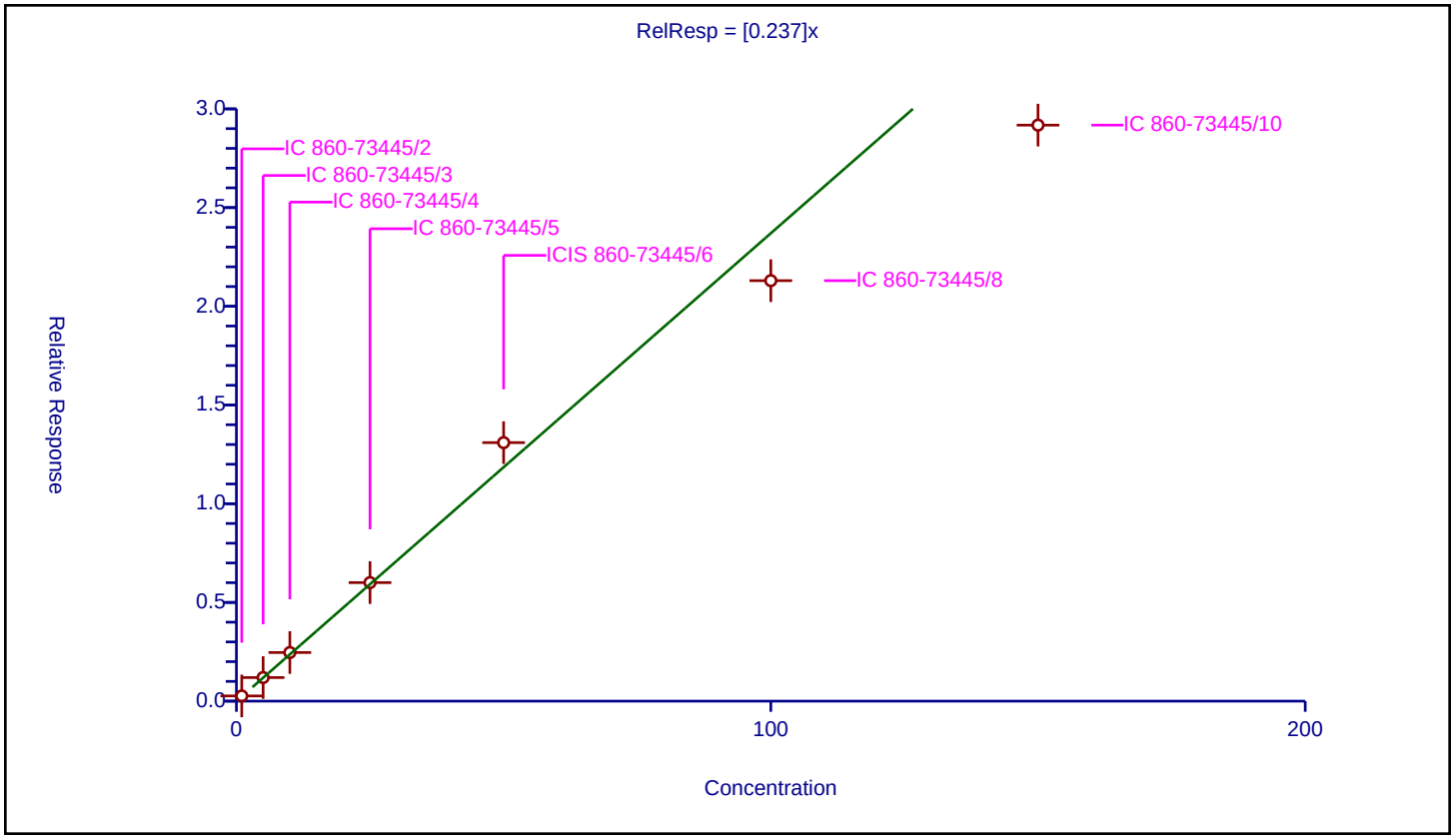
Curve Coefficients

Intercept:	0
Slope:	0.237

Error Coefficients

Standard Error:	220000
Relative Standard Error:	10.7
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	1.0	0.264165	50.0	574640.0	0.264165	Y
2	IC 860-73445/3	5.0	1.194308	50.0	594277.0	0.238862	Y
3	IC 860-73445/4	10.0	2.462565	50.0	616471.0	0.246257	Y
4	IC 860-73445/5	25.0	6.00482	50.0	636039.0	0.240193	Y
5	ICIS 860-73445/6	50.0	13.095913	50.0	661695.0	0.261918	Y
6	IC 860-73445/8	100.0	21.299611	50.0	692015.0	0.212996	Y
7	IC 860-73445/10	150.0	29.177175	50.0	701850.0	0.194514	Y



Calibration / Dichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

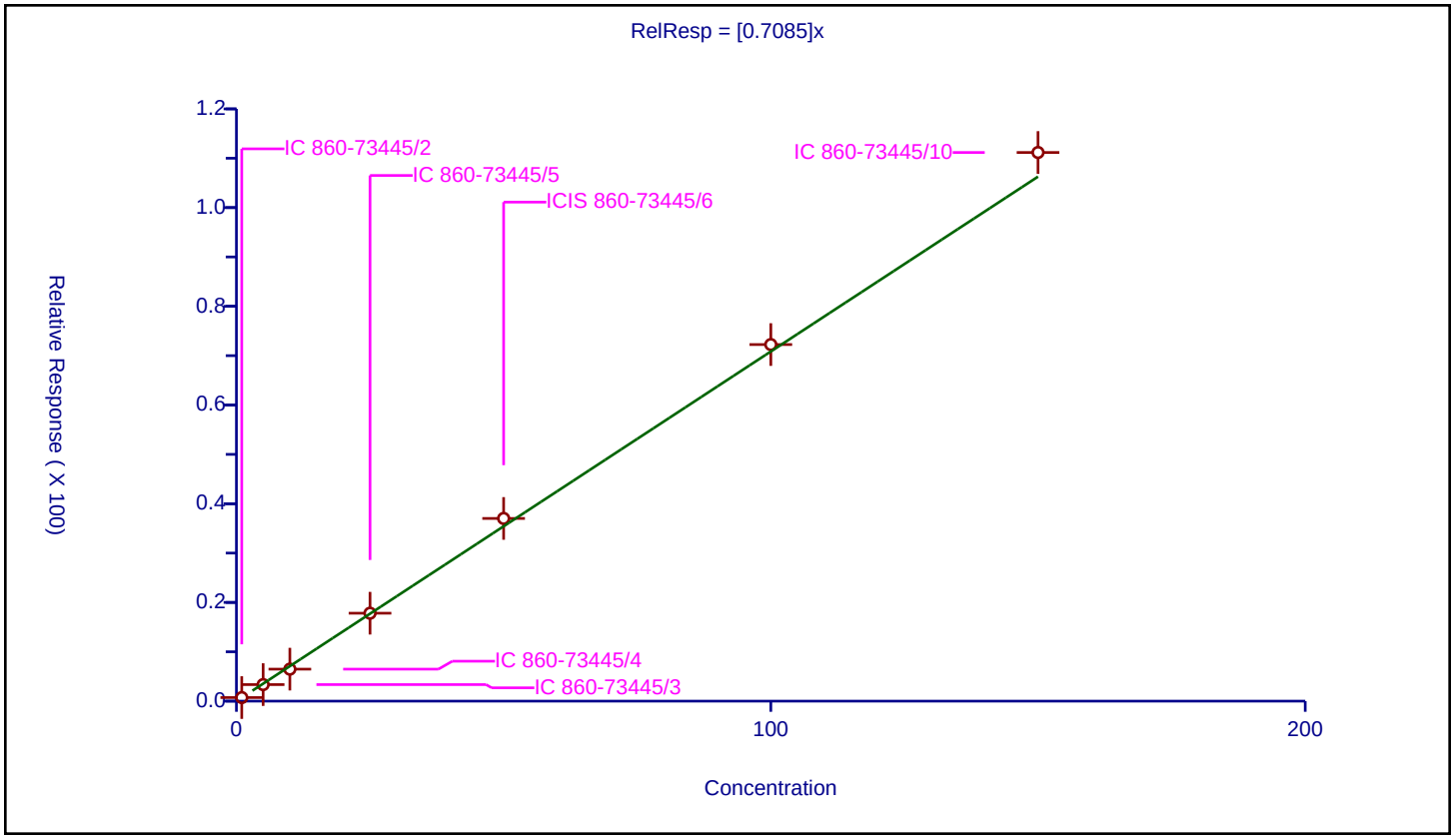
Curve Coefficients

Intercept:	0
Slope:	0.7085

Error Coefficients

Standard Error:	789000
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 860-73445/2	1.0	0.723409	50.0	574640.0	0.723409	Y
2	IC 860-73445/3	5.0	3.353234	50.0	594277.0	0.670647	Y
3	IC 860-73445/4	10.0	6.486193	50.0	616471.0	0.648619	Y
4	IC 860-73445/5	25.0	17.814081	50.0	636039.0	0.712563	Y
5	ICIS 860-73445/6	50.0	37.019851	50.0	661695.0	0.740397	Y
6	IC 860-73445/8	100.0	72.250602	50.0	692015.0	0.722506	Y
7	IC 860-73445/10	150.0	111.16713	50.0	701850.0	0.741114	Y



Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

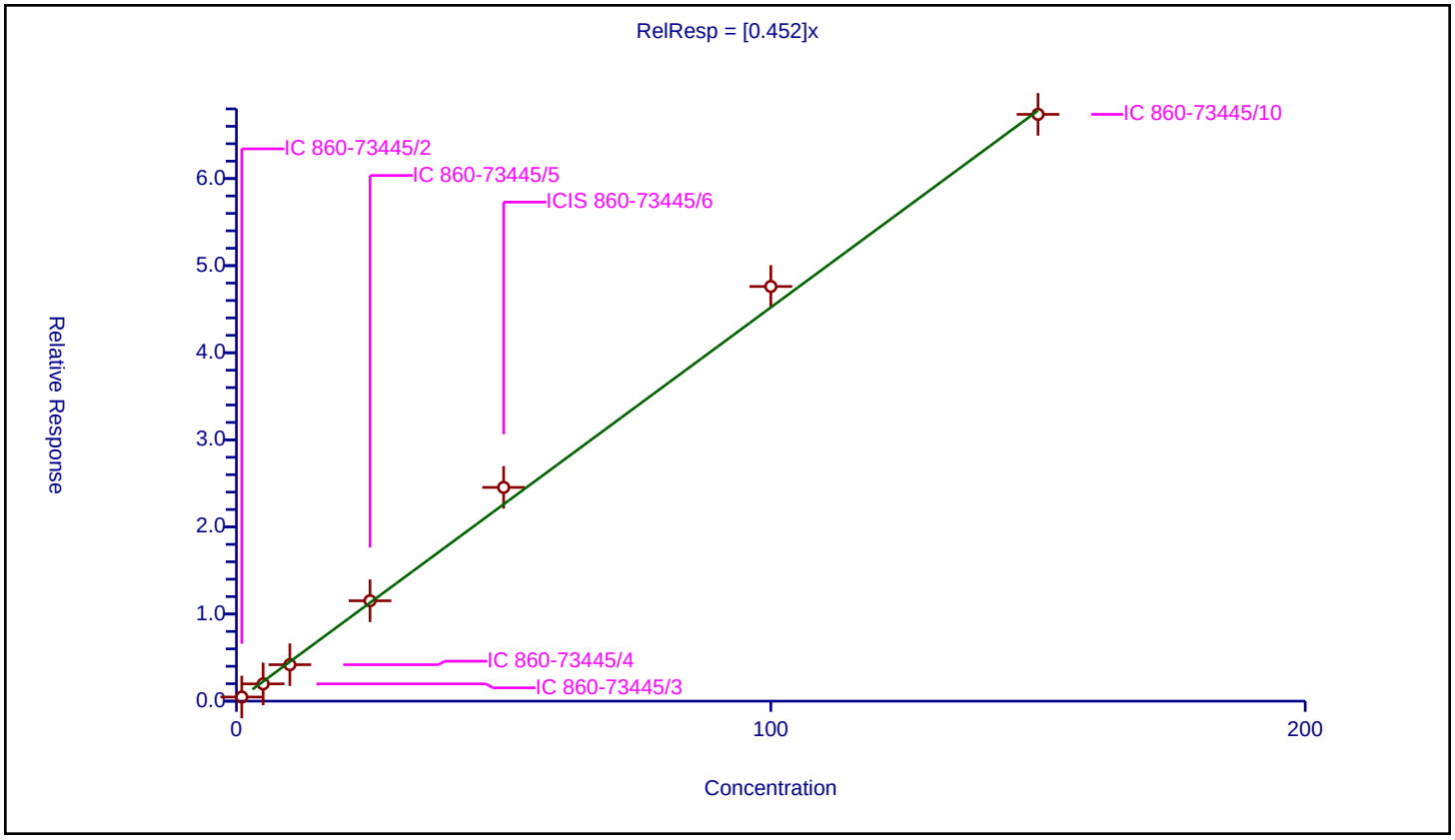
Curve Coefficients

Intercept:	0
Slope:	0.452

Error Coefficients

Standard Error:	493000
Relative Standard Error:	7.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	1.0	0.472644	50.0	574640.0	0.472644	Y
2	IC 860-73445/3	5.0	1.981652	50.0	594277.0	0.39633	Y
3	IC 860-73445/4	10.0	4.183814	50.0	616471.0	0.418381	Y
4	IC 860-73445/5	25.0	11.523193	50.0	636039.0	0.460928	Y
5	ICIS 860-73445/6	50.0	24.539327	50.0	661695.0	0.490787	Y
6	IC 860-73445/8	100.0	47.607494	50.0	692015.0	0.476075	Y
7	IC 860-73445/10	150.0	67.371589	50.0	701850.0	0.449144	Y



Calibration / Ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

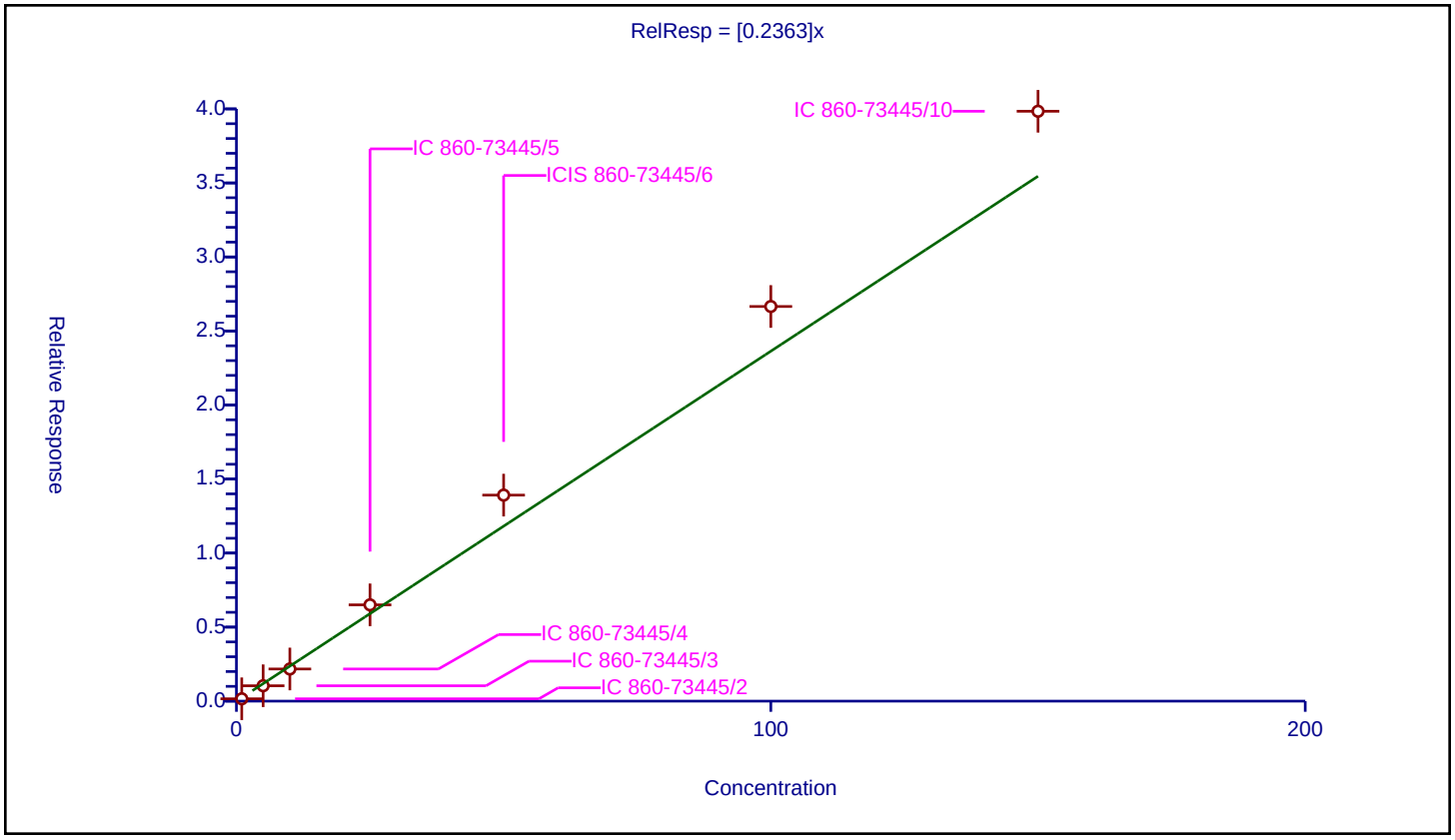
Curve Coefficients

Intercept:	0
Slope:	0.2363

Error Coefficients

Standard Error:	286000
Relative Standard Error:	18.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.967

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	1.0	0.158969	50.0	574640.0	0.158969	Y
2	IC 860-73445/3	5.0	1.038825	50.0	594277.0	0.207765	Y
3	IC 860-73445/4	10.0	2.171473	50.0	616471.0	0.217147	Y
4	IC 860-73445/5	25.0	6.502825	50.0	636039.0	0.260113	Y
5	ICIS 860-73445/6	50.0	13.915172	50.0	661695.0	0.278303	Y
6	IC 860-73445/8	100.0	26.65513	50.0	692015.0	0.266551	Y
7	IC 860-73445/10	150.0	39.839852	50.0	701850.0	0.265599	Y



Calibration / Acrolein

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

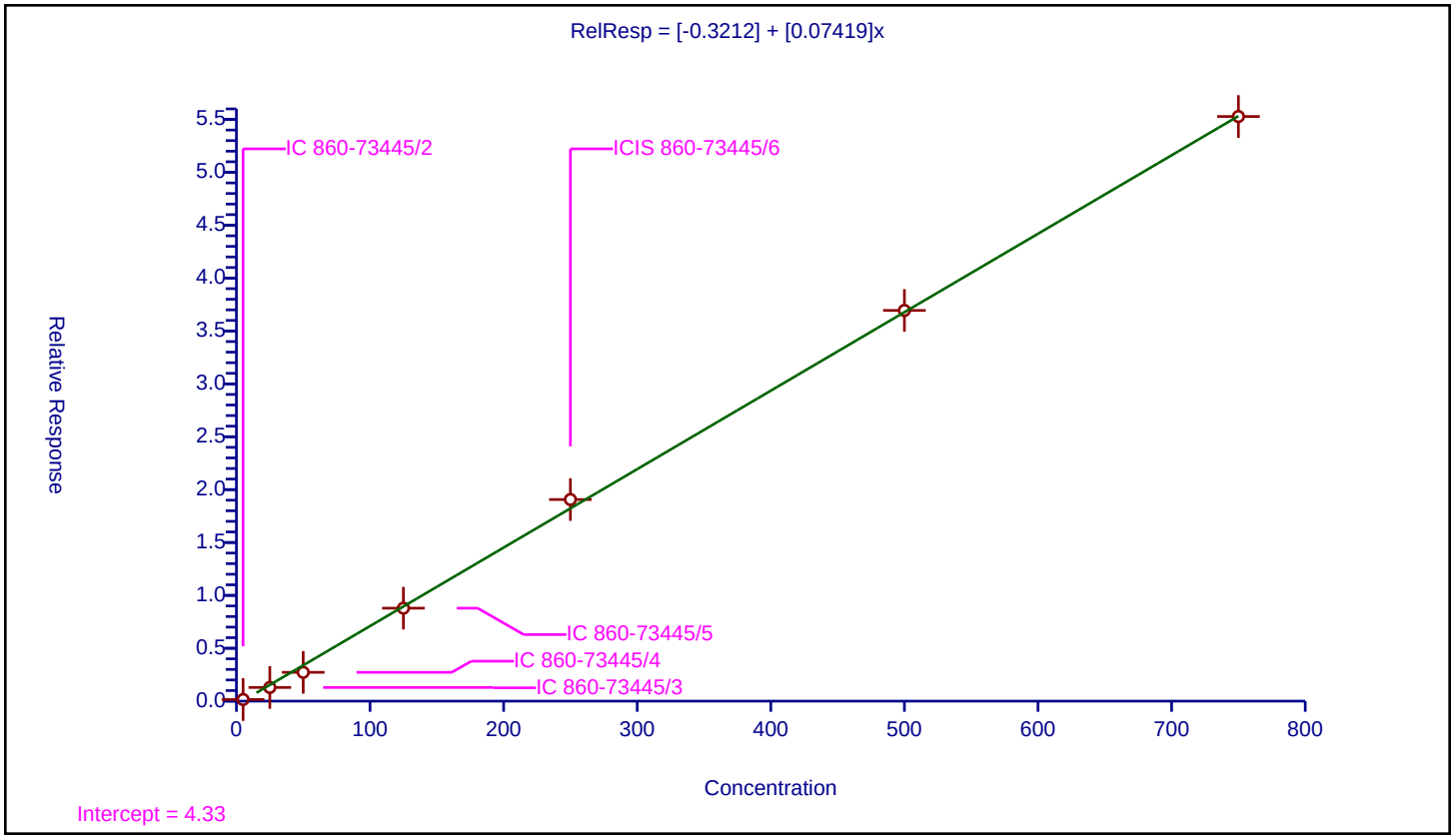
Curve Coefficients

Intercept:	-0.3212
Slope:	0.07419

Error Coefficients

Standard Error:	434000
Relative Standard Error:	16.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	5.0	0.152443	50.0	574640.0	0.030489	Y
2	IC 860-73445/3	25.0	1.293757	50.0	594277.0	0.05175	Y
3	IC 860-73445/4	50.0	2.724702	50.0	616471.0	0.054494	Y
4	IC 860-73445/5	125.0	8.790892	50.0	636039.0	0.070327	Y
5	ICIS 860-73445/6	250.0	19.063844	50.0	661695.0	0.076255	Y
6	IC 860-73445/8	500.0	36.944214	50.0	692015.0	0.073888	Y
7	IC 860-73445/10	750.0	55.278906	50.0	701850.0	0.073705	Y



Calibration / 1,1-Dichloroethene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

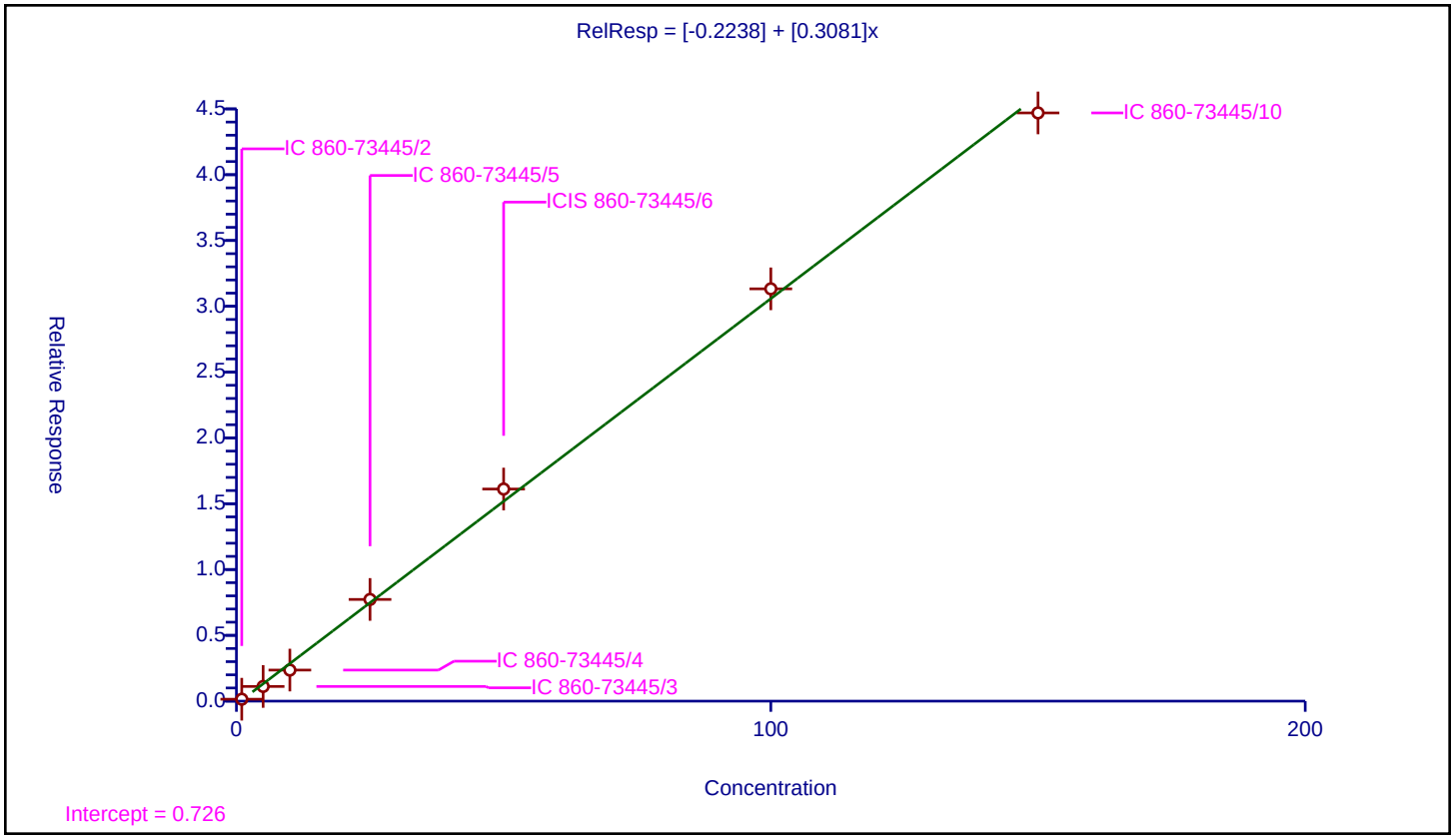
Curve Coefficients

Intercept:	-0.2238
Slope:	0.3081

Error Coefficients

Standard Error:	357000
Relative Standard Error:	13.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	1.0	0.146701	50.0	574640.0	0.146701	Y
2	IC 860-73445/3	5.0	1.115389	50.0	594277.0	0.223078	Y
3	IC 860-73445/4	10.0	2.360127	50.0	616471.0	0.236013	Y
4	IC 860-73445/5	25.0	7.728221	50.0	636039.0	0.309129	Y
5	ICIS 860-73445/6	50.0	16.116111	50.0	661695.0	0.322322	Y
6	IC 860-73445/8	100.0	31.328656	50.0	692015.0	0.313287	Y
7	IC 860-73445/10	150.0	44.694379	50.0	701850.0	0.297963	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

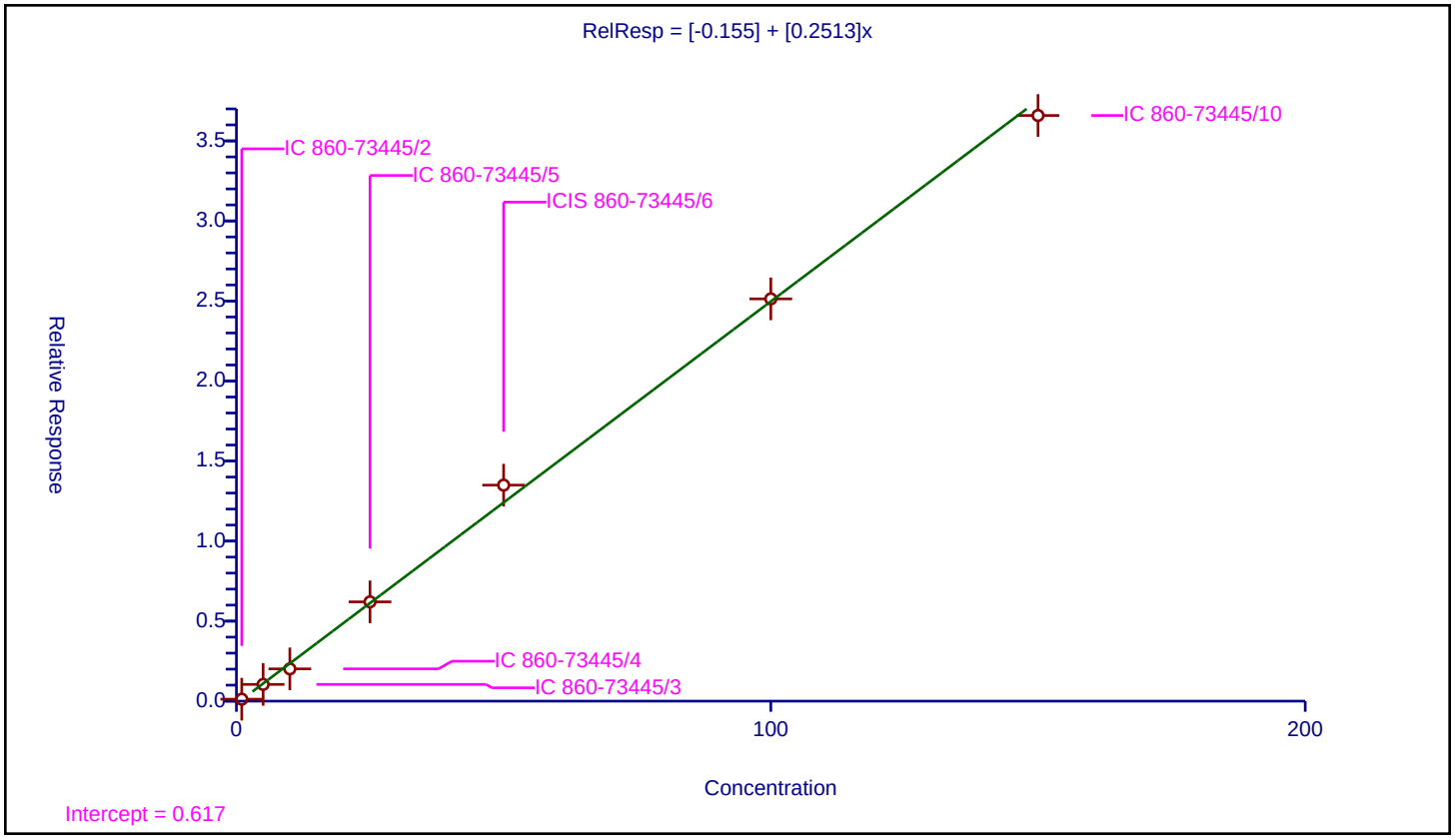
Curve Coefficients

Intercept:	-0.155
Slope:	0.2513

Error Coefficients

Standard Error:	291000
Relative Standard Error:	8.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	1.0	0.121641	50.0	574640.0	0.121641	Y
2	IC 860-73445/3	5.0	1.045388	50.0	594277.0	0.209078	Y
3	IC 860-73445/4	10.0	2.015829	50.0	616471.0	0.201583	Y
4	IC 860-73445/5	25.0	6.202607	50.0	636039.0	0.248104	Y
5	ICIS 860-73445/6	50.0	13.494586	50.0	661695.0	0.269892	Y
6	IC 860-73445/8	100.0	25.130886	50.0	692015.0	0.251309	Y
7	IC 860-73445/10	150.0	36.586521	50.0	701850.0	0.24391	Y



Calibration / Acetone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

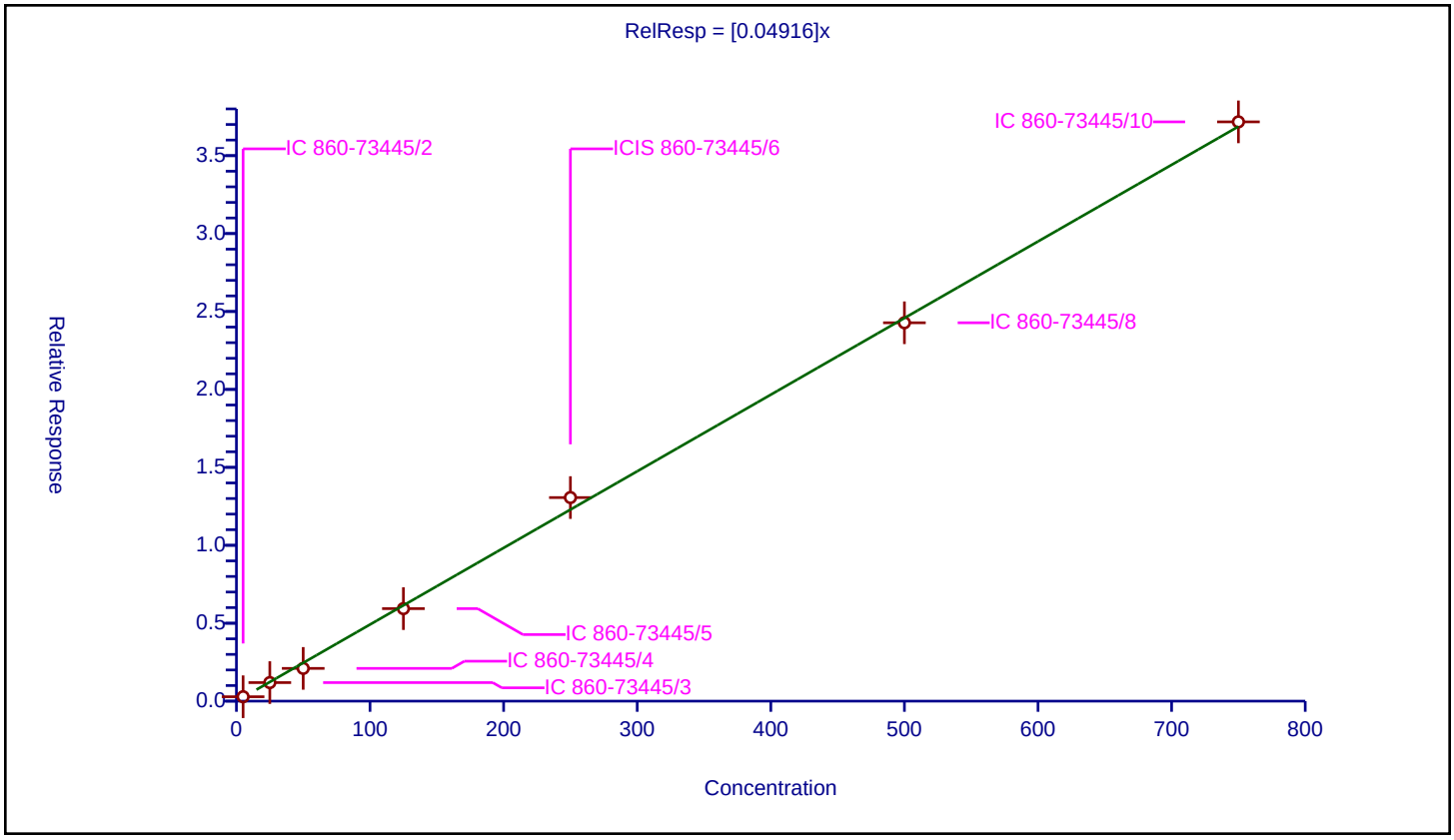
Curve Coefficients

Intercept:	0
Slope:	0.04916

Error Coefficients

Standard Error:	265000
Relative Standard Error:	9.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	5.0	0.283134	50.0	574640.0	0.056627	Y
2	IC 860-73445/3	25.0	1.189933	50.0	594277.0	0.047597	Y
3	IC 860-73445/4	50.0	2.101883	50.0	616471.0	0.042038	Y
4	IC 860-73445/5	125.0	5.935328	50.0	636039.0	0.047483	Y
5	ICIS 860-73445/6	250.0	13.061229	50.0	661695.0	0.052245	Y
6	IC 860-73445/8	500.0	24.278086	50.0	692015.0	0.048556	Y
7	IC 860-73445/10	750.0	37.168127	50.0	701850.0	0.049558	Y



Calibration / Iodomethane

Curve Type:	Quadratic
Weighting:	None
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

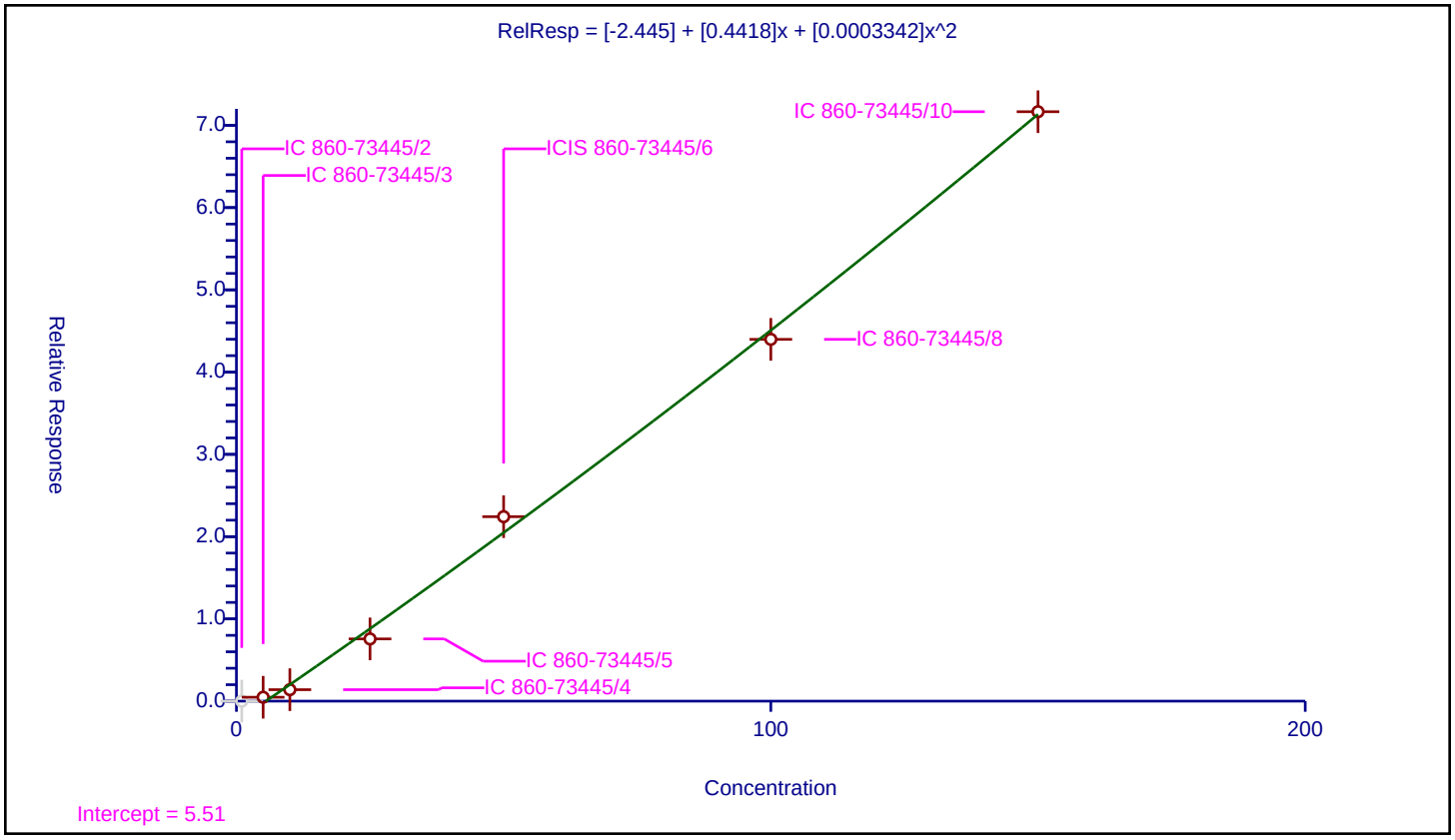
Curve Coefficients

Intercept:	-2.445
Slope:	0.4418
Second Order:	0.0003342

Error Coefficients

Standard Error:	702000
Relative Standard Error:	21.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	1.0	0.0	50.0	574640.0	0.0	N
2	IC 860-73445/3	5.0	0.47318	50.0	594277.0	0.094636	Y
3	IC 860-73445/4	10.0	1.395037	50.0	616471.0	0.139504	Y
4	IC 860-73445/5	25.0	7.565417	50.0	636039.0	0.302617	Y
5	ICIS 860-73445/6	50.0	22.424984	50.0	661695.0	0.4485	Y
6	IC 860-73445/8	100.0	43.983367	50.0	692015.0	0.439834	Y
7	IC 860-73445/10	150.0	71.655696	50.0	701850.0	0.477705	Y



Calibration / Isopropyl alcohol

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

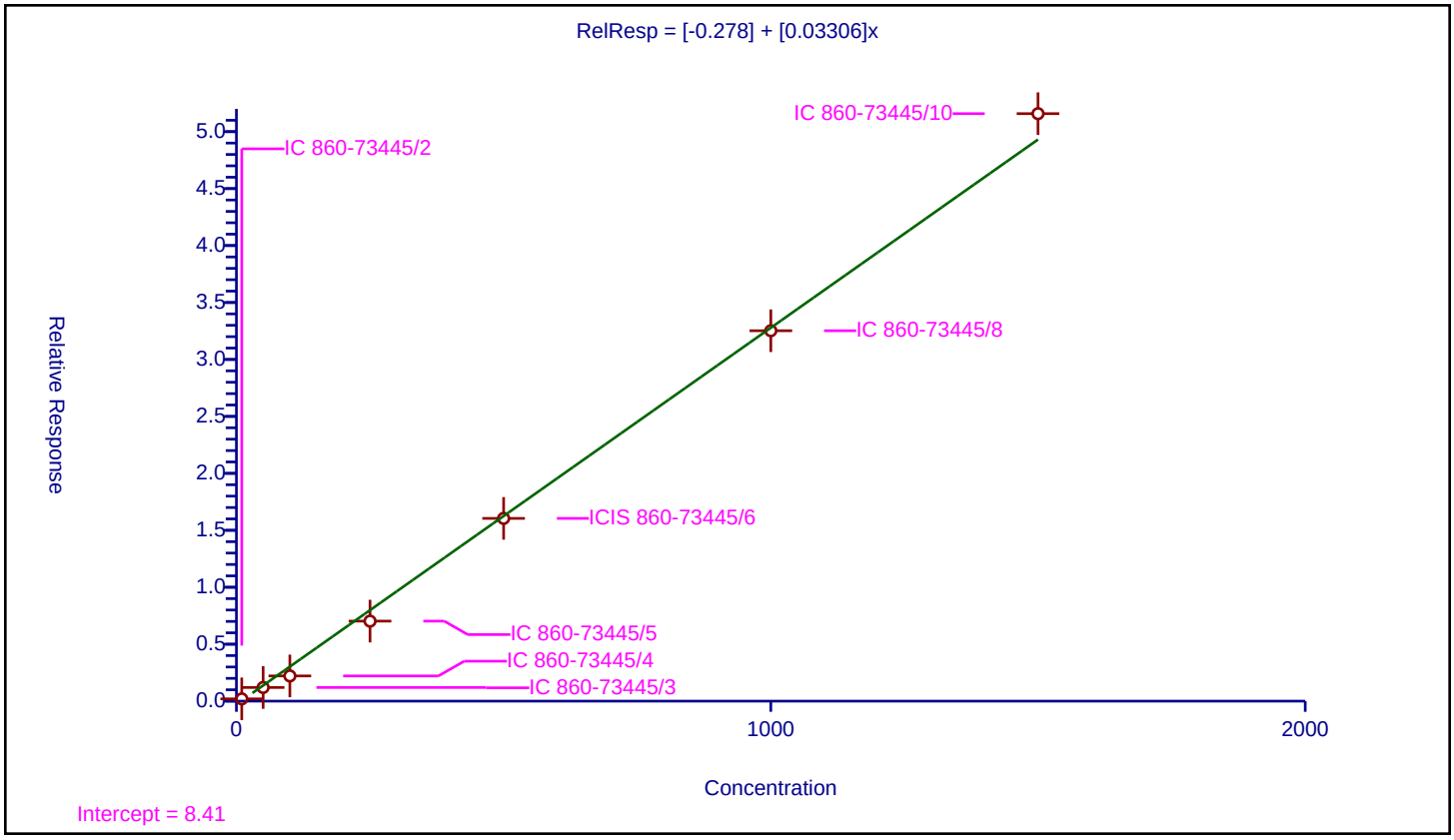
Curve Coefficients

Intercept:	-0.278
Slope:	0.03306

Error Coefficients

Standard Error:	395000
Relative Standard Error:	23.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	10.0	0.199342	50.0	574640.0	0.019934	Y
2	IC 860-73445/3	50.0	1.198936	50.0	594277.0	0.023979	Y
3	IC 860-73445/4	100.0	2.212513	50.0	616471.0	0.022125	Y
4	IC 860-73445/5	250.0	7.025748	50.0	636039.0	0.028103	Y
5	ICIS 860-73445/6	500.0	16.04493	50.0	661695.0	0.03209	Y
6	IC 860-73445/8	1000.0	32.522994	50.0	692015.0	0.032523	Y
7	IC 860-73445/10	1500.0	51.582104	50.0	701850.0	0.034388	Y



Calibration / Carbon disulfide

Curve Type:	Quadratic
Weighting:	None
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

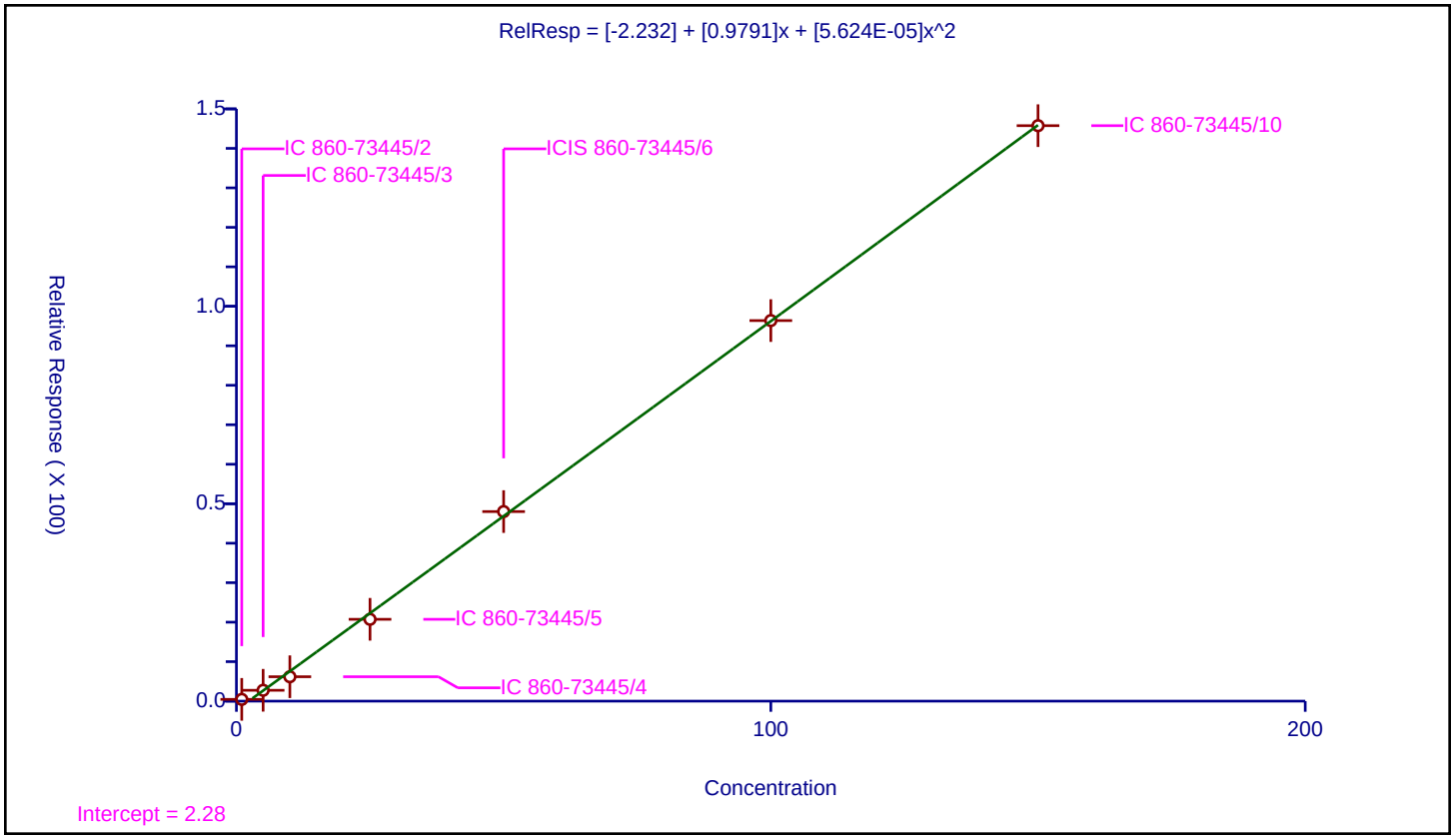
Curve Coefficients

Intercept:	-2.232
Slope:	0.9791
Second Order:	5.624E-05

Error Coefficients

Standard Error:	1270000
Relative Standard Error:	87.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	1.0	0.446627	50.0	574640.0	0.446627	Y
2	IC 860-73445/3	5.0	2.749896	50.0	594277.0	0.549979	Y
3	IC 860-73445/4	10.0	6.181718	50.0	616471.0	0.618172	Y
4	IC 860-73445/5	25.0	20.724279	50.0	636039.0	0.828971	Y
5	ICIS 860-73445/6	50.0	48.011924	50.0	661695.0	0.960238	Y
6	IC 860-73445/8	100.0	96.383893	50.0	692015.0	0.963839	Y
7	IC 860-73445/10	150.0	145.750801	50.0	701850.0	0.971672	Y



Calibration / Acetonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

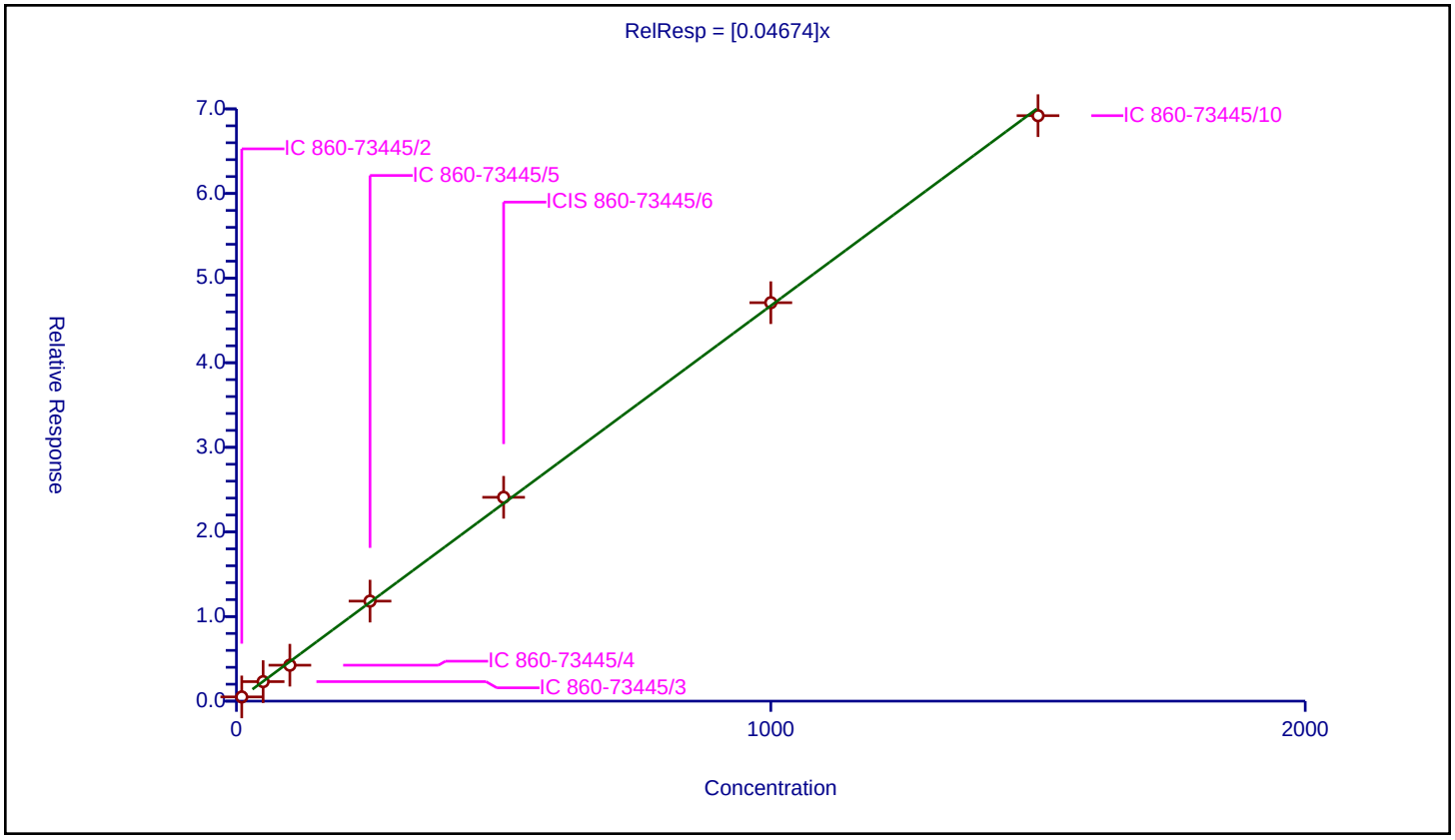
Curve Coefficients

Intercept:	0
Slope:	0.04674

Error Coefficients

Standard Error:	499000
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 860-73445/2	10.0	0.498921	50.0	574640.0	0.049892	Y
2	IC 860-73445/3	50.0	2.304649	50.0	594277.0	0.046093	Y
3	IC 860-73445/4	100.0	4.248862	50.0	616471.0	0.042489	Y
4	IC 860-73445/5	250.0	11.820895	50.0	636039.0	0.047284	Y
5	ICIS 860-73445/6	500.0	24.093502	50.0	661695.0	0.048187	Y
6	IC 860-73445/8	1000.0	47.095944	50.0	692015.0	0.047096	Y
7	IC 860-73445/10	1500.0	69.199758	50.0	701850.0	0.046133	Y



Calibration / 3-Chloro-1-propene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

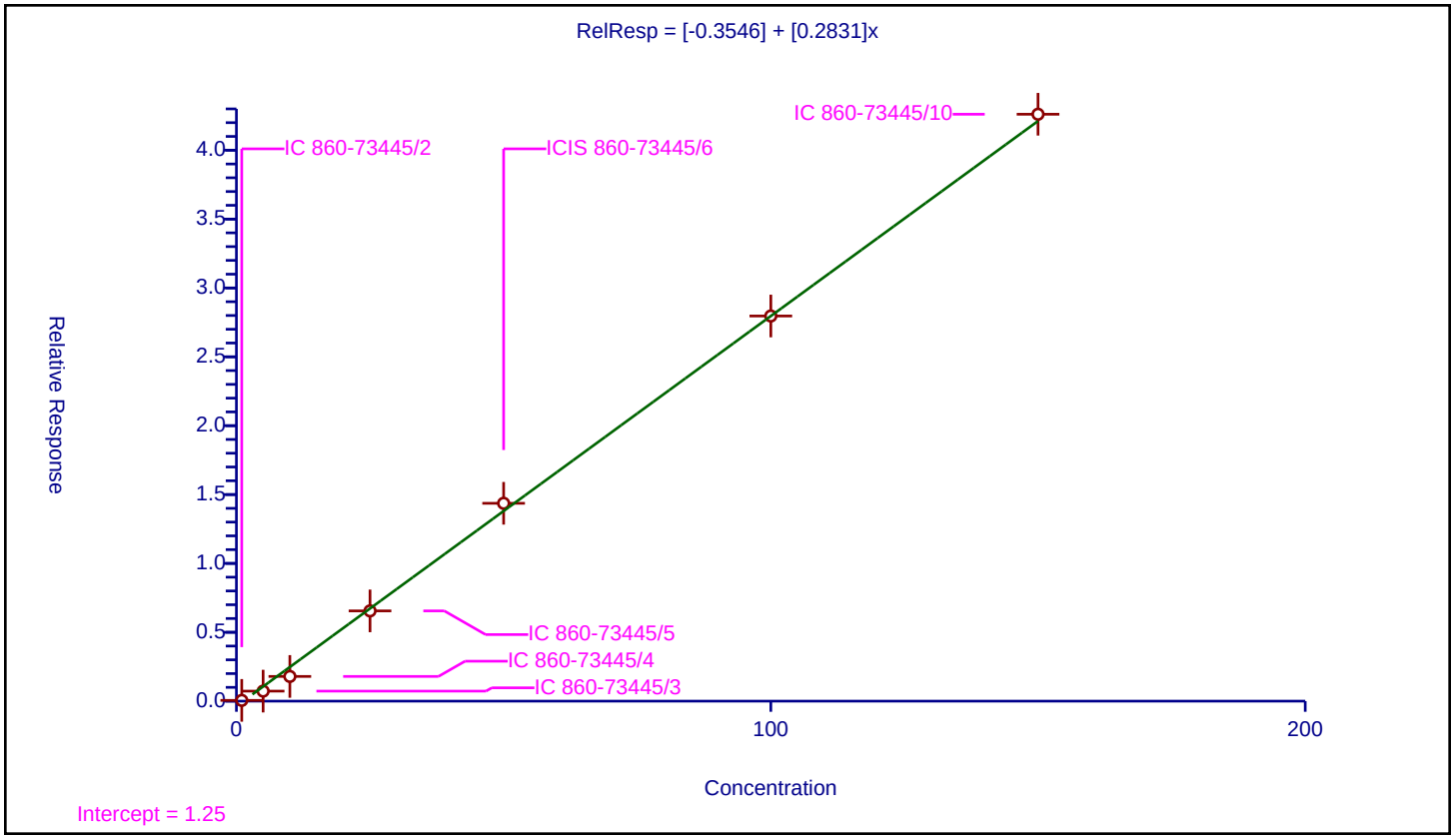
Curve Coefficients

Intercept:	-0.3546
Slope:	0.2831

Error Coefficients

Standard Error:	332000
Relative Standard Error:	25.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	1.0	0.055774	50.0	574640.0	0.055774	Y
2	IC 860-73445/3	5.0	0.72828	50.0	594277.0	0.145656	Y
3	IC 860-73445/4	10.0	1.793758	50.0	616471.0	0.179376	Y
4	IC 860-73445/5	25.0	6.552271	50.0	636039.0	0.262091	Y
5	ICIS 860-73445/6	50.0	14.364473	50.0	661695.0	0.287289	Y
6	IC 860-73445/8	100.0	27.963628	50.0	692015.0	0.279636	Y
7	IC 860-73445/10	150.0	42.612168	50.0	701850.0	0.284081	Y



Calibration / Methyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

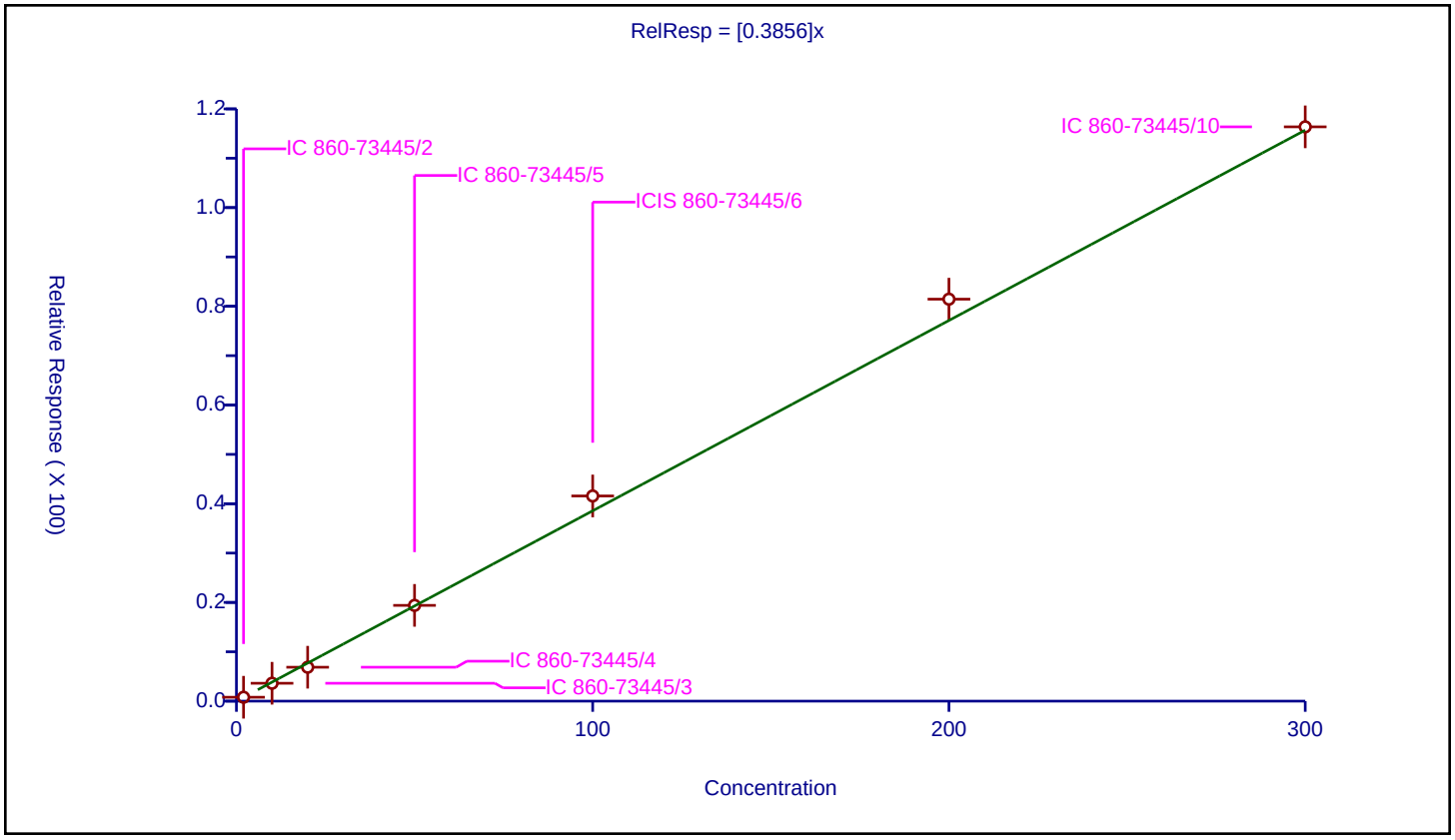
Curve Coefficients

Intercept:	0
Slope:	0.3856

Error Coefficients

Standard Error:	848000
Relative Standard Error:	6.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	2.0	0.789016	50.0	574640.0	0.394508	Y
2	IC 860-73445/3	10.0	3.625666	50.0	594277.0	0.362567	Y
3	IC 860-73445/4	20.0	6.872181	50.0	616471.0	0.343609	Y
4	IC 860-73445/5	50.0	19.400776	50.0	636039.0	0.388016	Y
5	ICIS 860-73445/6	100.0	41.572477	50.0	661695.0	0.415725	Y
6	IC 860-73445/8	200.0	81.446428	50.0	692015.0	0.407232	Y
7	IC 860-73445/10	300.0	116.364109	50.0	701850.0	0.38788	Y



Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

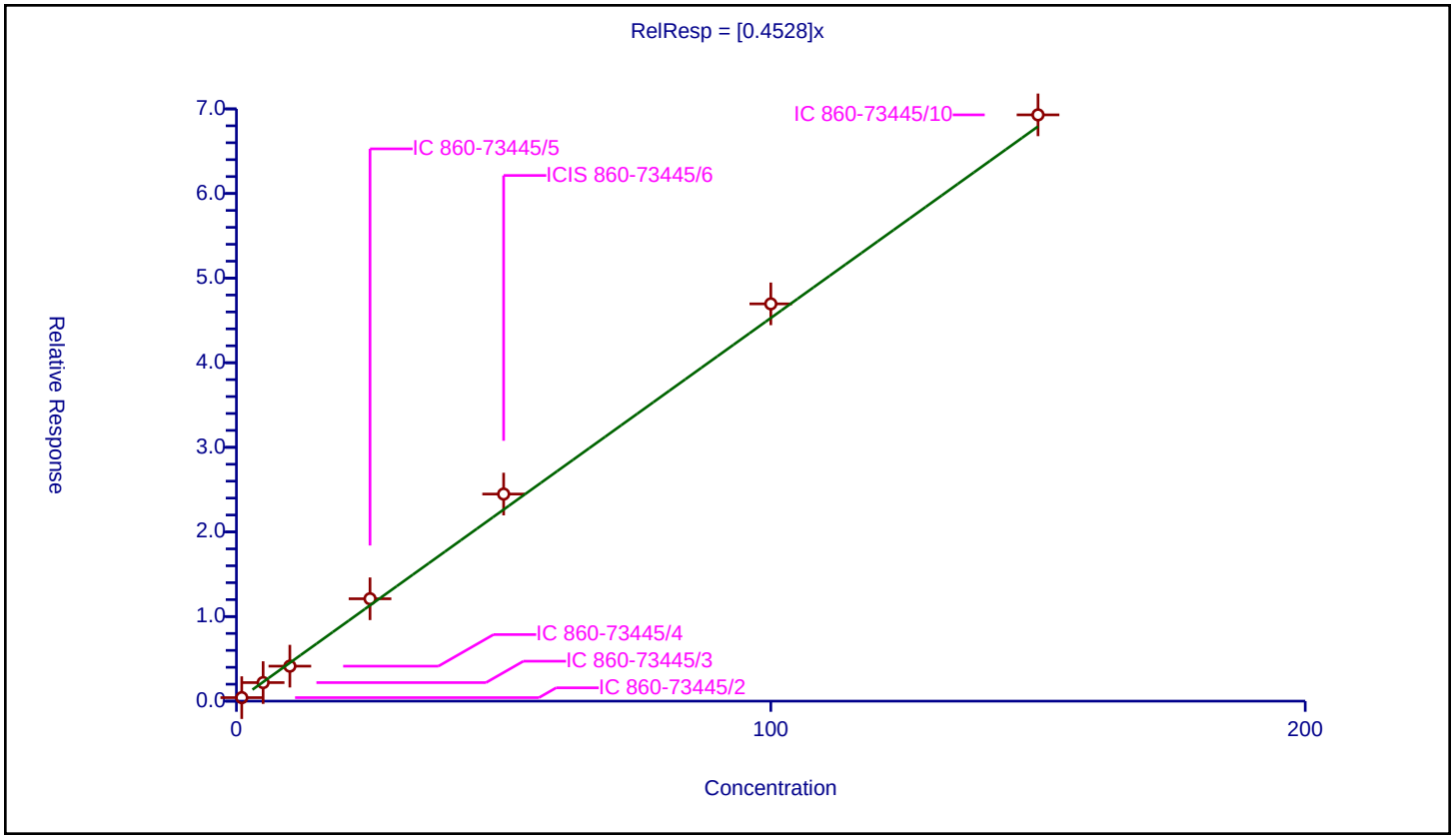
Curve Coefficients

Intercept:	0
Slope:	0.4528

Error Coefficients

Standard Error:	500000
Relative Standard Error:	7.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	1.0	0.412867	50.0	574640.0	0.412867	Y
2	IC 860-73445/3	5.0	2.191907	50.0	594277.0	0.438381	Y
3	IC 860-73445/4	10.0	4.136042	50.0	616471.0	0.413604	Y
4	IC 860-73445/5	25.0	12.100359	50.0	636039.0	0.484014	Y
5	ICIS 860-73445/6	50.0	24.476005	50.0	661695.0	0.48952	Y
6	IC 860-73445/8	100.0	46.956858	50.0	692015.0	0.469569	Y
7	IC 860-73445/10	150.0	69.295362	50.0	701850.0	0.461969	Y



Calibration / 2-Methyl-2-propanol

Curve Type:	Quadratic
Weighting:	None
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

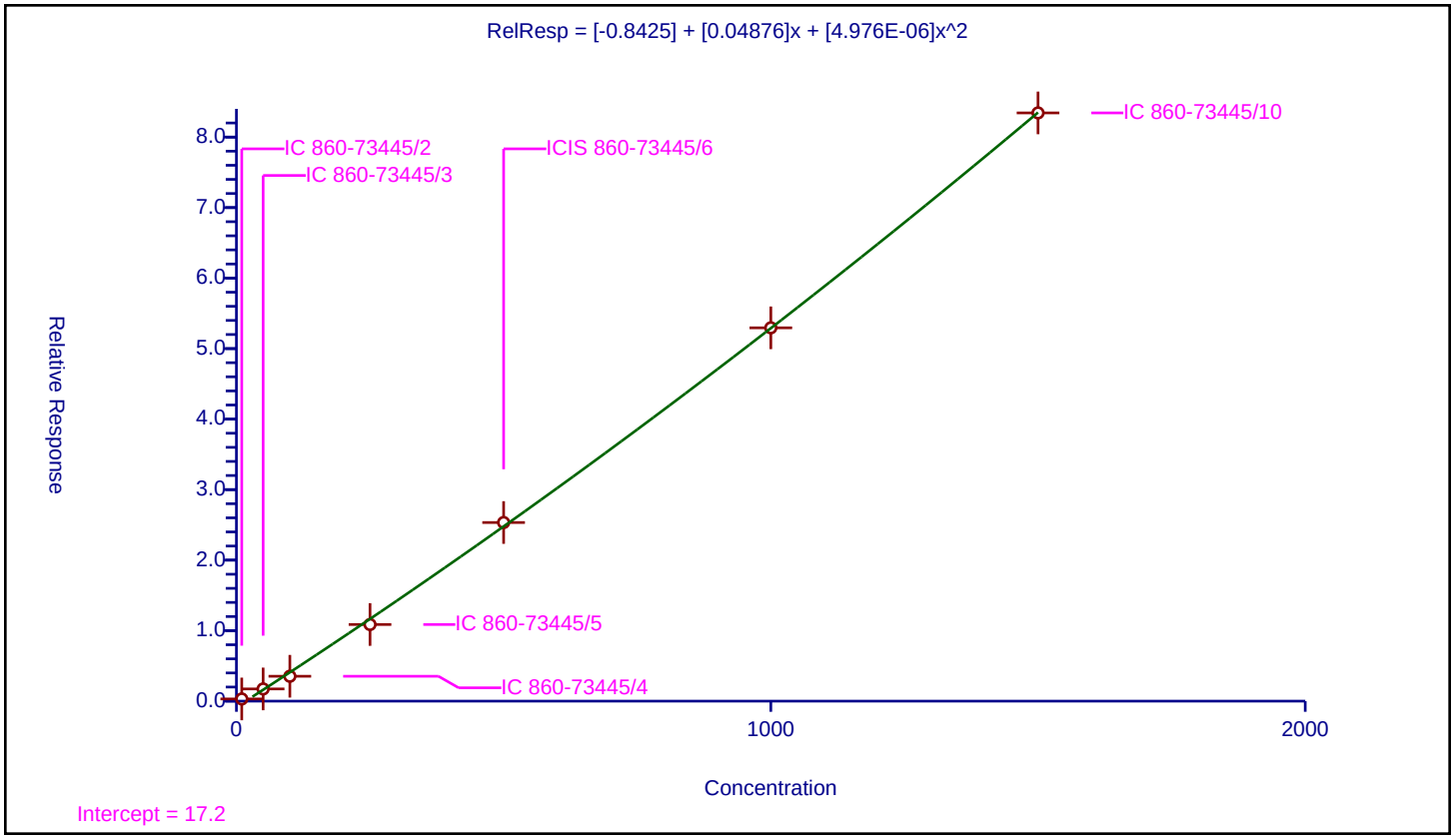
Curve Coefficients

Intercept:	-0.8425
Slope:	0.04876
Second Order:	4.976E-06

Error Coefficients

Standard Error:	714000
Relative Standard Error:	68.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	10.0	0.313501	50.0	574640.0	0.03135	Y
2	IC 860-73445/3	50.0	1.733451	50.0	594277.0	0.034669	Y
3	IC 860-73445/4	100.0	3.530904	50.0	616471.0	0.035309	Y
4	IC 860-73445/5	250.0	10.870167	50.0	636039.0	0.043481	Y
5	ICIS 860-73445/6	500.0	25.332442	50.0	661695.0	0.050665	Y
6	IC 860-73445/8	1000.0	52.948274	50.0	692015.0	0.052948	Y
7	IC 860-73445/10	1500.0	83.427727	50.0	701850.0	0.055618	Y



Calibration / Acrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

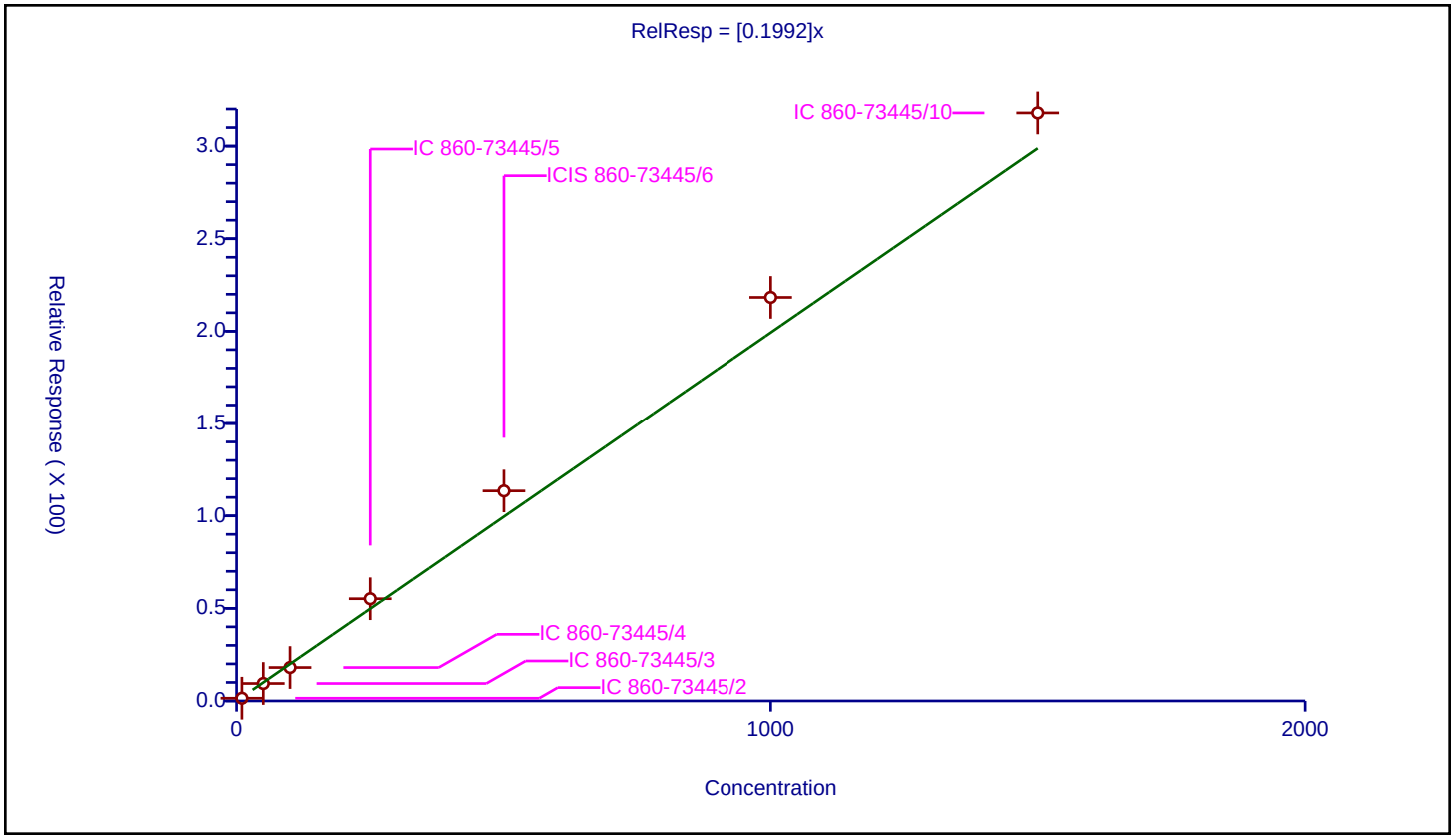
Curve Coefficients

Intercept:	0
Slope:	0.1992

Error Coefficients

Standard Error:	2300000
Relative Standard Error:	14.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	10.0	1.47736	50.0	574640.0	0.147736	Y
2	IC 860-73445/3	50.0	9.419345	50.0	594277.0	0.188387	Y
3	IC 860-73445/4	100.0	18.040508	50.0	616471.0	0.180405	Y
4	IC 860-73445/5	250.0	55.195358	50.0	636039.0	0.220781	Y
5	ICIS 860-73445/6	500.0	113.492621	50.0	661695.0	0.226985	Y
6	IC 860-73445/8	1000.0	218.292089	50.0	692015.0	0.218292	Y
7	IC 860-73445/10	1500.0	317.886728	50.0	701850.0	0.211924	Y



Calibration / trans-1,2-Dichloroethene

Curve Type:	Quadratic
Weighting:	None
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

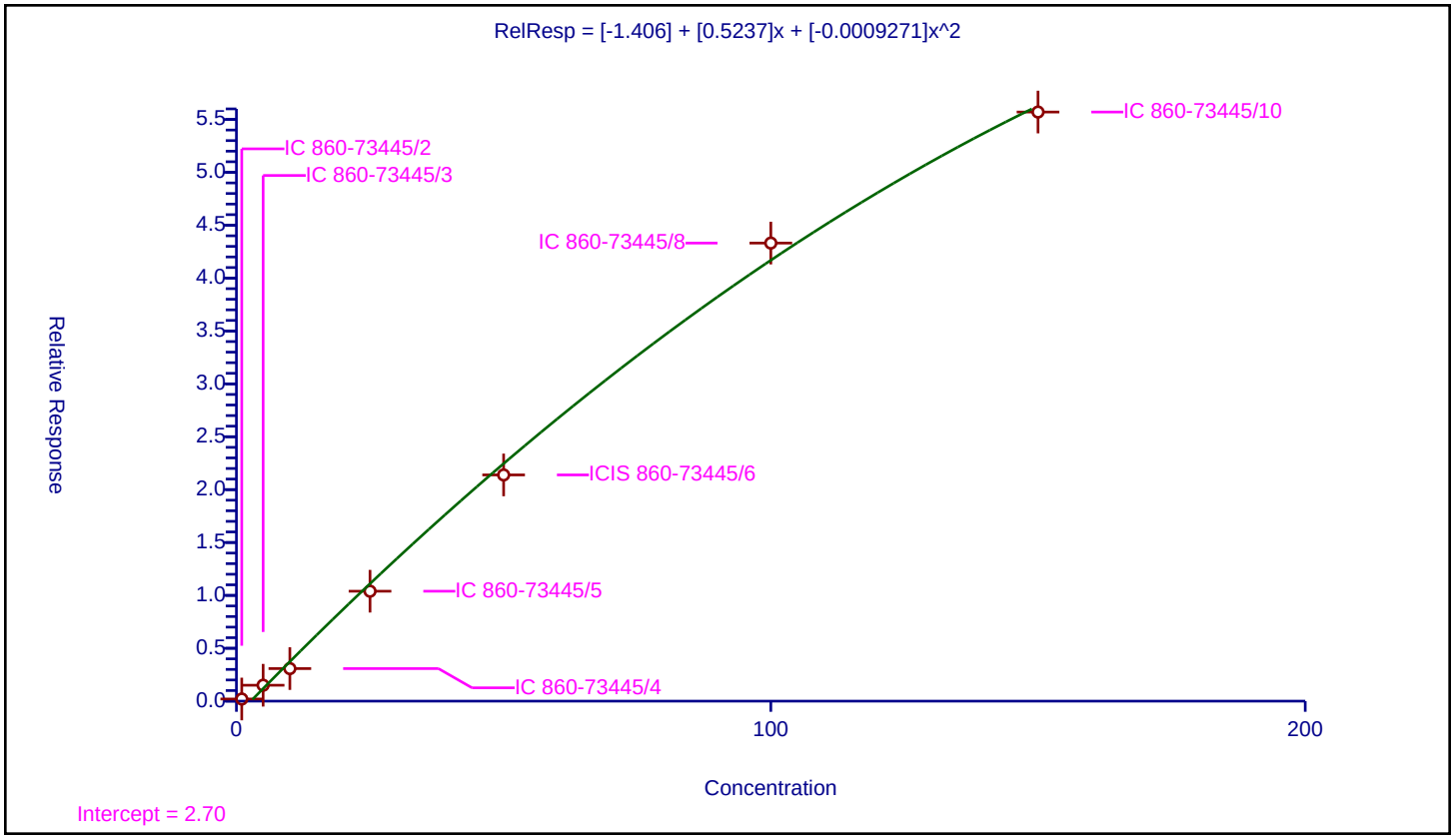
Curve Coefficients

Intercept:	-1.406
Slope:	0.5237
Second Order:	-0.0009271

Error Coefficients

Standard Error:	517000
Relative Standard Error:	104.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	1.0	0.202127	50.0	574640.0	0.202127	Y
2	IC 860-73445/3	5.0	1.503592	50.0	594277.0	0.300718	Y
3	IC 860-73445/4	10.0	3.078166	50.0	616471.0	0.307817	Y
4	IC 860-73445/5	25.0	10.395196	50.0	636039.0	0.415808	Y
5	ICIS 860-73445/6	50.0	21.389009	50.0	661695.0	0.42778	Y
6	IC 860-73445/8	100.0	43.311272	50.0	692015.0	0.433113	Y
7	IC 860-73445/10	150.0	55.703854	50.0	701850.0	0.371359	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

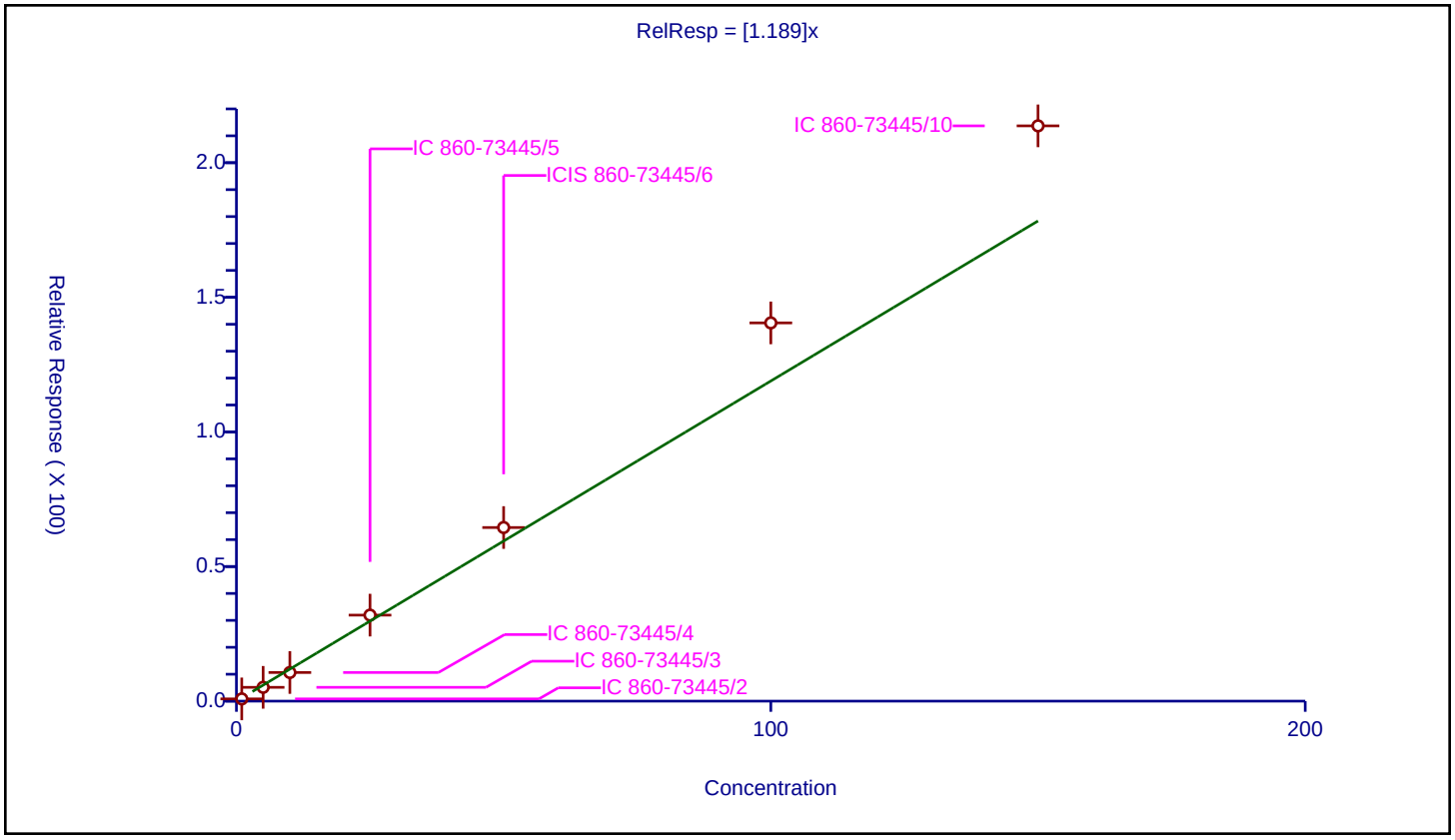
Curve Coefficients

Intercept:	0
Slope:	1.189

Error Coefficients

Standard Error:	1510000
Relative Standard Error:	18.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.967

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	1.0	0.836524	50.0	574640.0	0.836524	Y
2	IC 860-73445/3	5.0	5.130856	50.0	594277.0	1.026171	Y
3	IC 860-73445/4	10.0	10.641052	50.0	616471.0	1.064105	Y
4	IC 860-73445/5	25.0	31.950085	50.0	636039.0	1.278003	Y
5	ICIS 860-73445/6	50.0	64.495122	50.0	661695.0	1.289902	Y
6	IC 860-73445/8	100.0	140.502084	50.0	692015.0	1.405021	Y
7	IC 860-73445/10	150.0	213.698511	50.0	701850.0	1.424657	Y



Calibration / Hexane

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

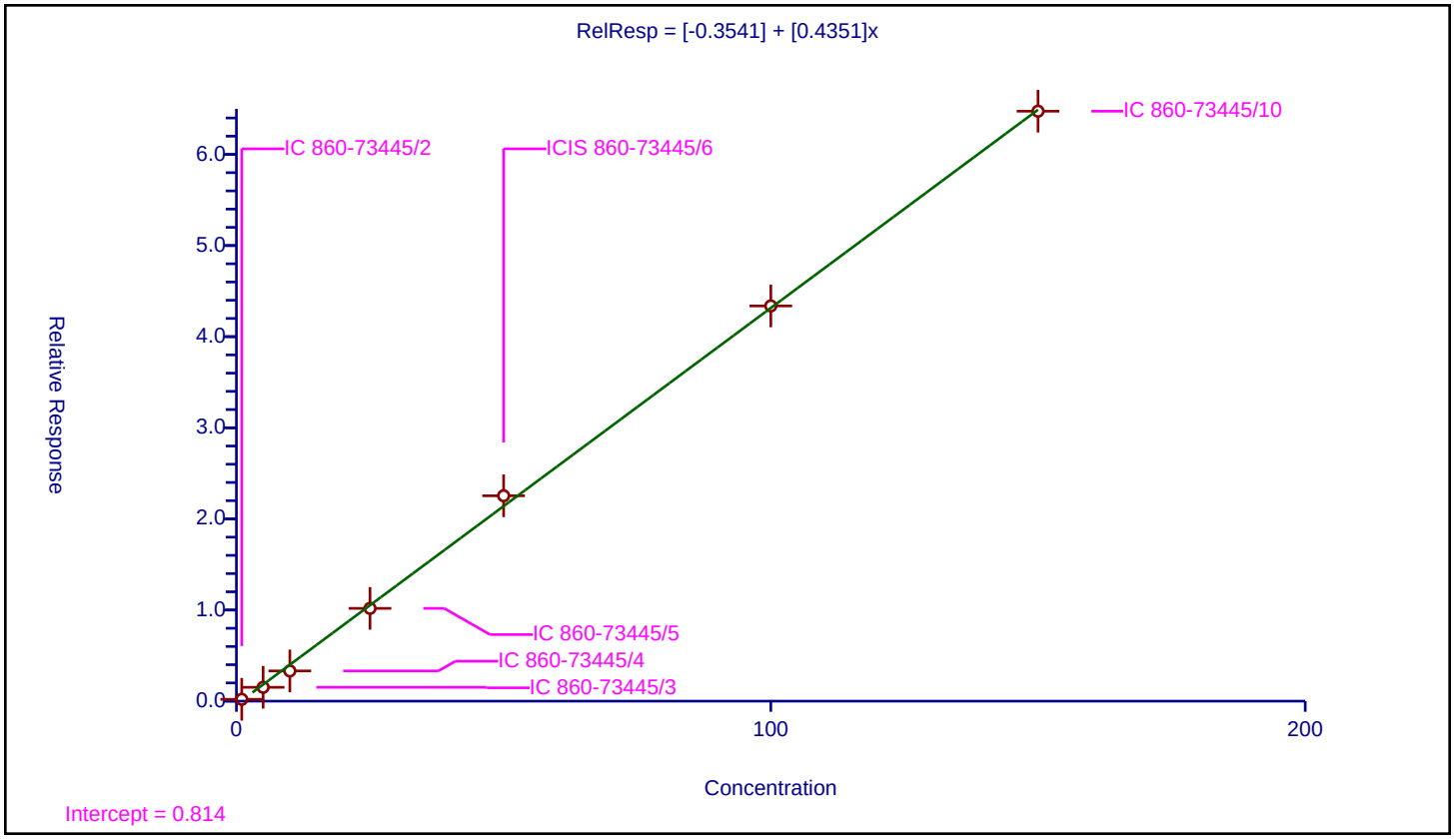
Curve Coefficients

Intercept:	-0.3541
Slope:	0.4351

Error Coefficients

Standard Error:	509000
Relative Standard Error:	15.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	1.0	0.199168	50.0	574640.0	0.199168	Y
2	IC 860-73445/3	5.0	1.518652	50.0	594277.0	0.30373	Y
3	IC 860-73445/4	10.0	3.315809	50.0	616471.0	0.331581	Y
4	IC 860-73445/5	25.0	10.183023	50.0	636039.0	0.407321	Y
5	ICIS 860-73445/6	50.0	22.538934	50.0	661695.0	0.450779	Y
6	IC 860-73445/8	100.0	43.375288	50.0	692015.0	0.433753	Y
7	IC 860-73445/10	150.0	64.747026	50.0	701850.0	0.431647	Y



Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

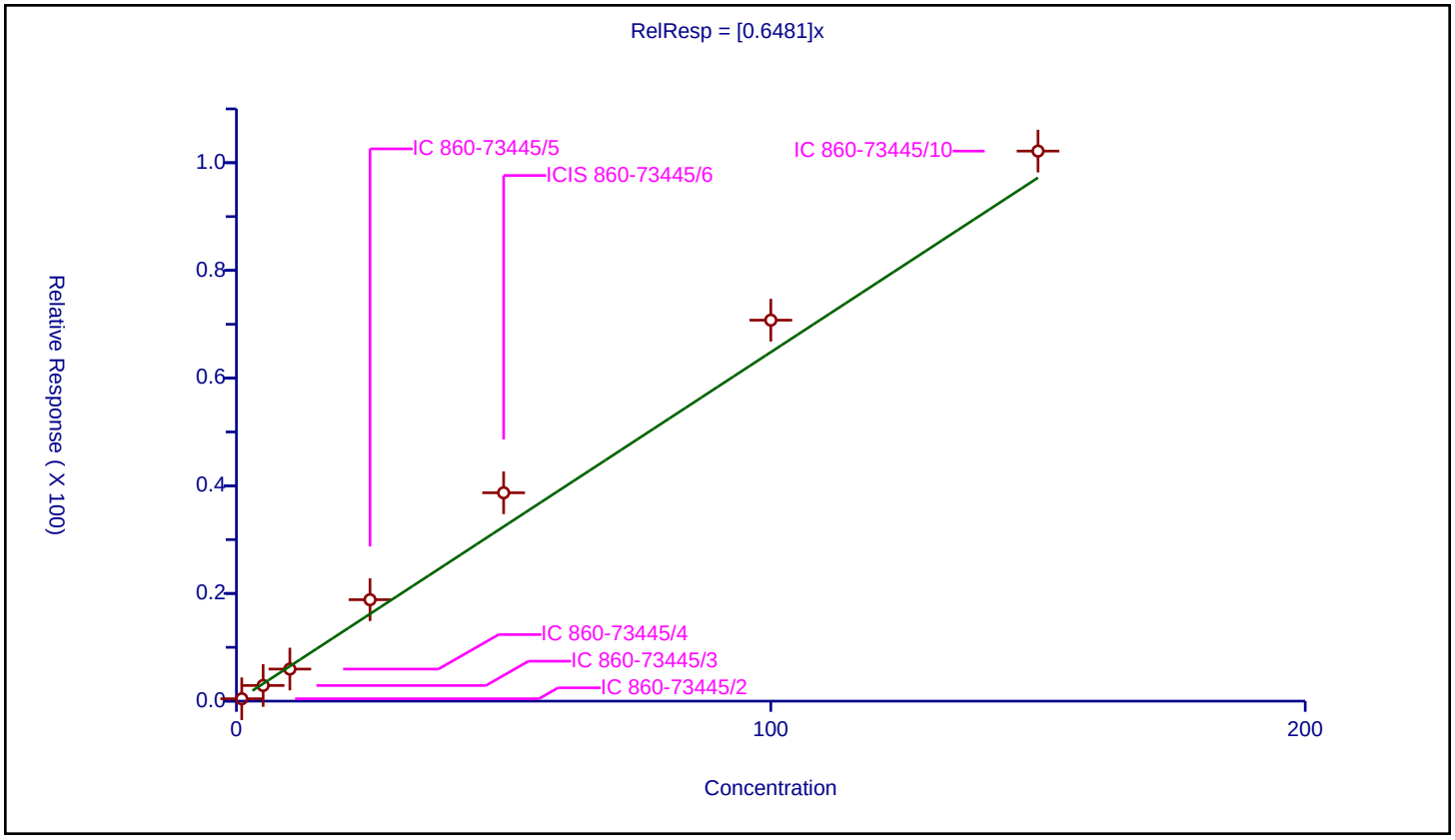
Curve Coefficients

Intercept:	0
Slope:	0.6481

Error Coefficients

Standard Error:	746000
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 860-73445/2	1.0	0.443669	50.0	574640.0	0.443669	Y
2	IC 860-73445/3	5.0	2.90723	50.0	594277.0	0.581446	Y
3	IC 860-73445/4	10.0	5.955998	50.0	616471.0	0.5956	Y
4	IC 860-73445/5	25.0	18.839647	50.0	636039.0	0.753586	Y
5	ICIS 860-73445/6	50.0	38.699476	50.0	661695.0	0.77399	Y
6	IC 860-73445/8	100.0	70.763061	50.0	692015.0	0.707631	Y
7	IC 860-73445/10	150.0	102.165491	50.0	701850.0	0.681103	Y



Calibration / Vinyl acetate

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

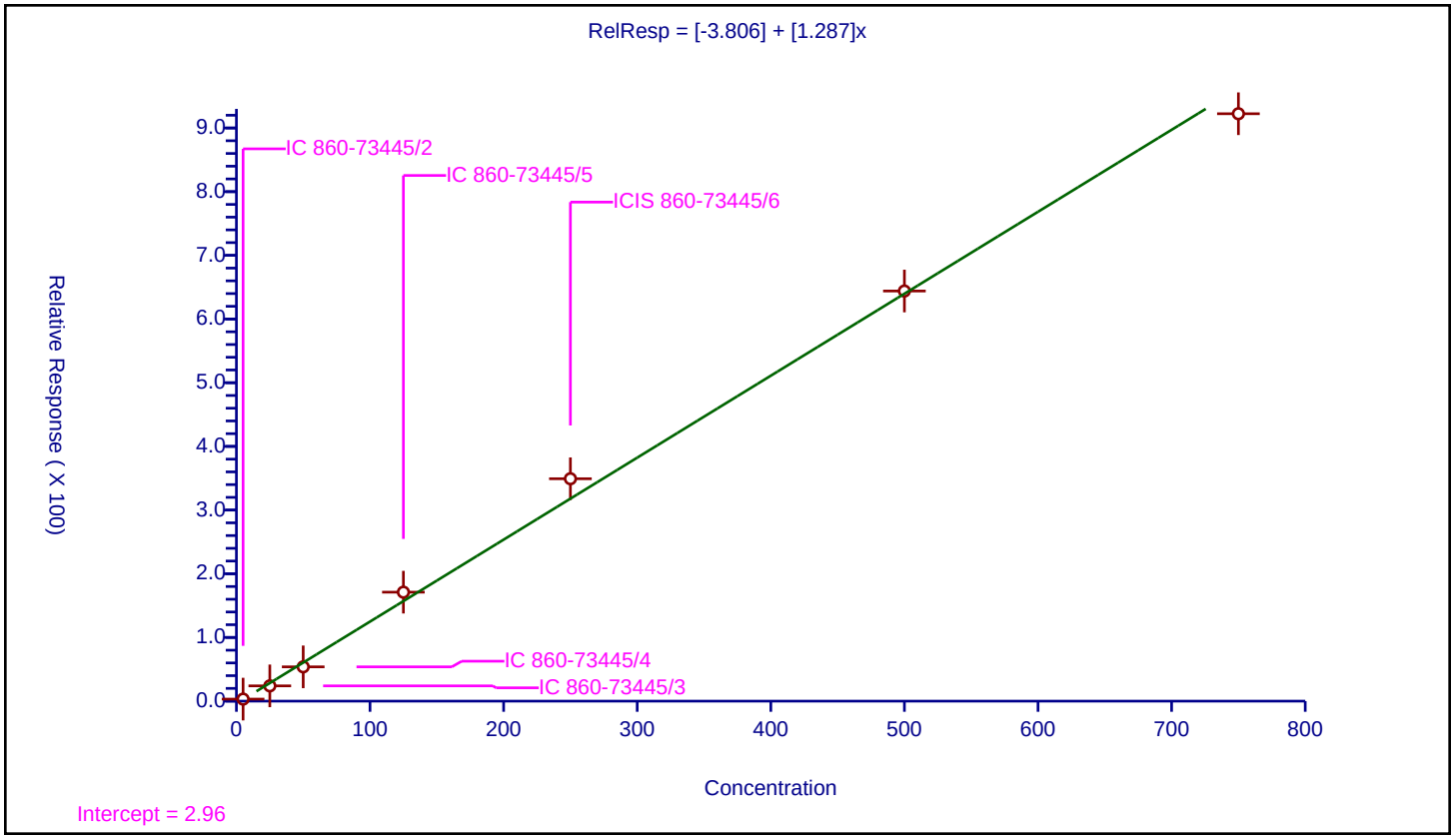
Curve Coefficients

Intercept:	-3.806
Slope:	1.287

Error Coefficients

Standard Error:	7400000
Relative Standard Error:	10.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	5.0	3.208096	50.0	574640.0	0.641619	Y
2	IC 860-73445/3	25.0	23.983849	50.0	594277.0	0.959354	Y
3	IC 860-73445/4	50.0	53.842435	50.0	616471.0	1.076849	Y
4	IC 860-73445/5	125.0	171.116001	50.0	636039.0	1.368928	Y
5	ICIS 860-73445/6	250.0	349.236808	50.0	661695.0	1.396947	Y
6	IC 860-73445/8	500.0	644.029103	50.0	692015.0	1.288058	Y
7	IC 860-73445/10	750.0	922.382845	50.0	701850.0	1.229844	Y



Calibration / Isopropyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

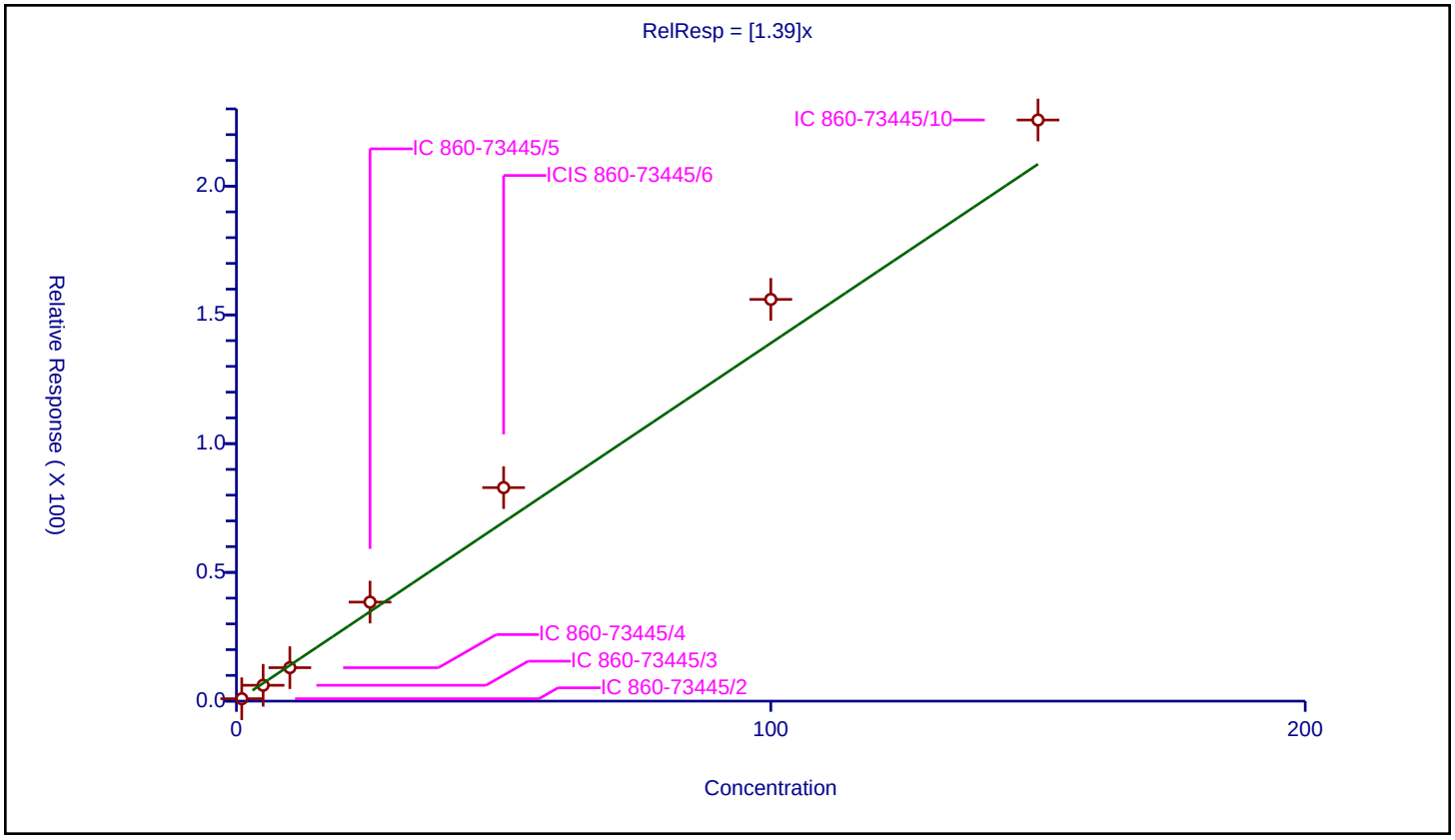
Curve Coefficients

Intercept:	0
Slope:	1.39

Error Coefficients

Standard Error:	1640000
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 860-73445/2	1.0	0.94085	50.0	574640.0	0.94085	Y
2	IC 860-73445/3	5.0	6.155042	50.0	594277.0	1.231008	Y
3	IC 860-73445/4	10.0	12.992095	50.0	616471.0	1.29921	Y
4	IC 860-73445/5	25.0	38.45794	50.0	636039.0	1.538318	Y
5	ICIS 860-73445/6	50.0	82.924081	50.0	661695.0	1.658482	Y
6	IC 860-73445/8	100.0	156.017644	50.0	692015.0	1.560176	Y
7	IC 860-73445/10	150.0	225.690461	50.0	701850.0	1.504603	Y



Calibration / 2-Chloro-1,3-butadiene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

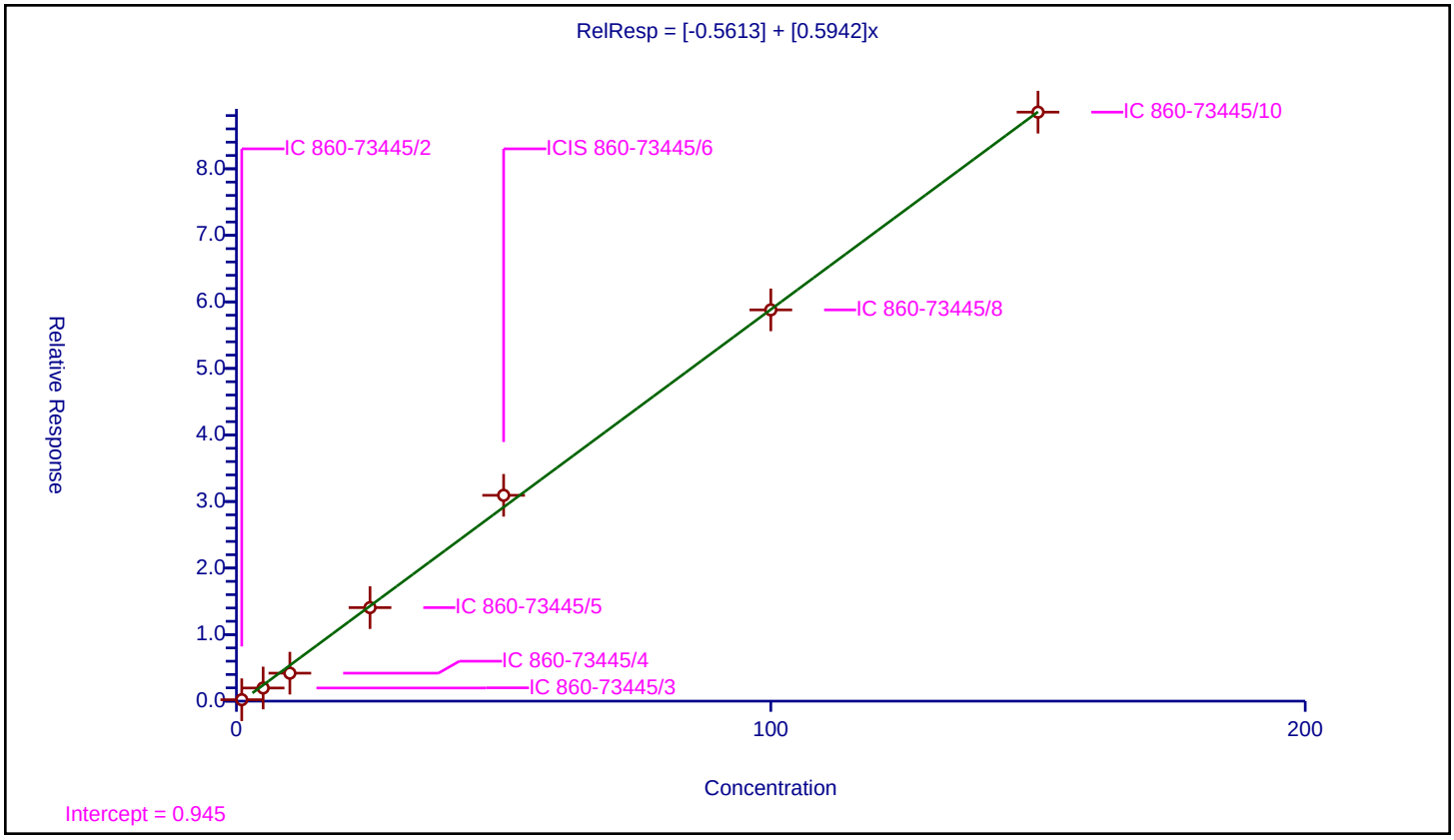
Curve Coefficients

Intercept:	-0.5613
Slope:	0.5942

Error Coefficients

Standard Error:	694000
Relative Standard Error:	17.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	1.0	0.21222	50.0	574640.0	0.21222	Y
2	IC 860-73445/3	5.0	1.975173	50.0	594277.0	0.395035	Y
3	IC 860-73445/4	10.0	4.204091	50.0	616471.0	0.420409	Y
4	IC 860-73445/5	25.0	14.052755	50.0	636039.0	0.56211	Y
5	ICIS 860-73445/6	50.0	30.932983	50.0	661695.0	0.61866	Y
6	IC 860-73445/8	100.0	58.796052	50.0	692015.0	0.587961	Y
7	IC 860-73445/10	150.0	88.511007	50.0	701850.0	0.590073	Y



Calibration / Tert-butyl ethyl ether

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

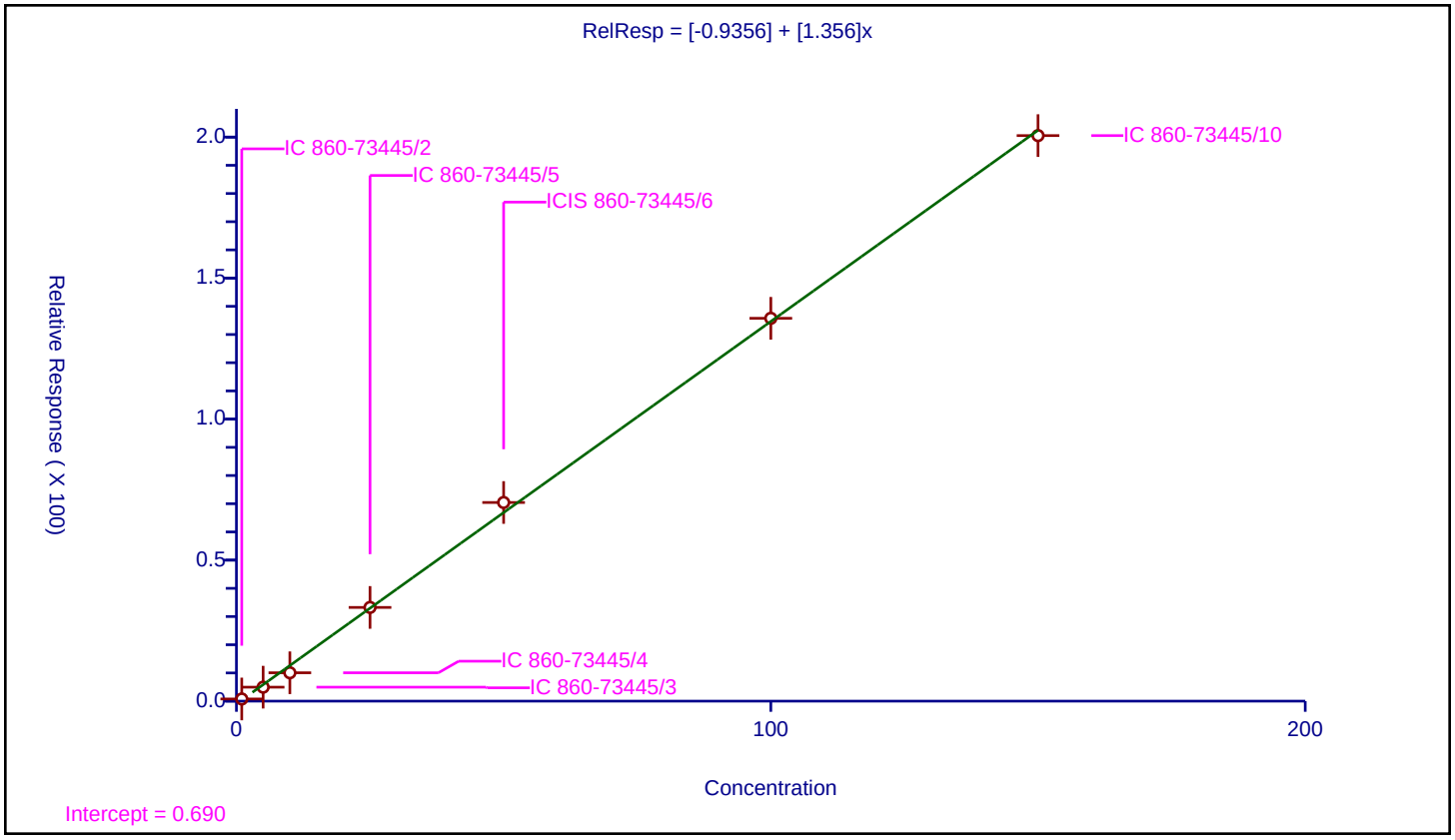
Curve Coefficients

Intercept:	-0.9356
Slope:	1.356

Error Coefficients

Standard Error:	1580000
Relative Standard Error:	15.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	1.0	0.772832	50.0	574640.0	0.772832	Y
2	IC 860-73445/3	5.0	4.95232	50.0	594277.0	0.990464	Y
3	IC 860-73445/4	10.0	10.05976	50.0	616471.0	1.005976	Y
4	IC 860-73445/5	25.0	33.230588	50.0	636039.0	1.329224	Y
5	ICIS 860-73445/6	50.0	70.442047	50.0	661695.0	1.408841	Y
6	IC 860-73445/8	100.0	135.749948	50.0	692015.0	1.357499	Y
7	IC 860-73445/10	150.0	200.530669	50.0	701850.0	1.336871	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

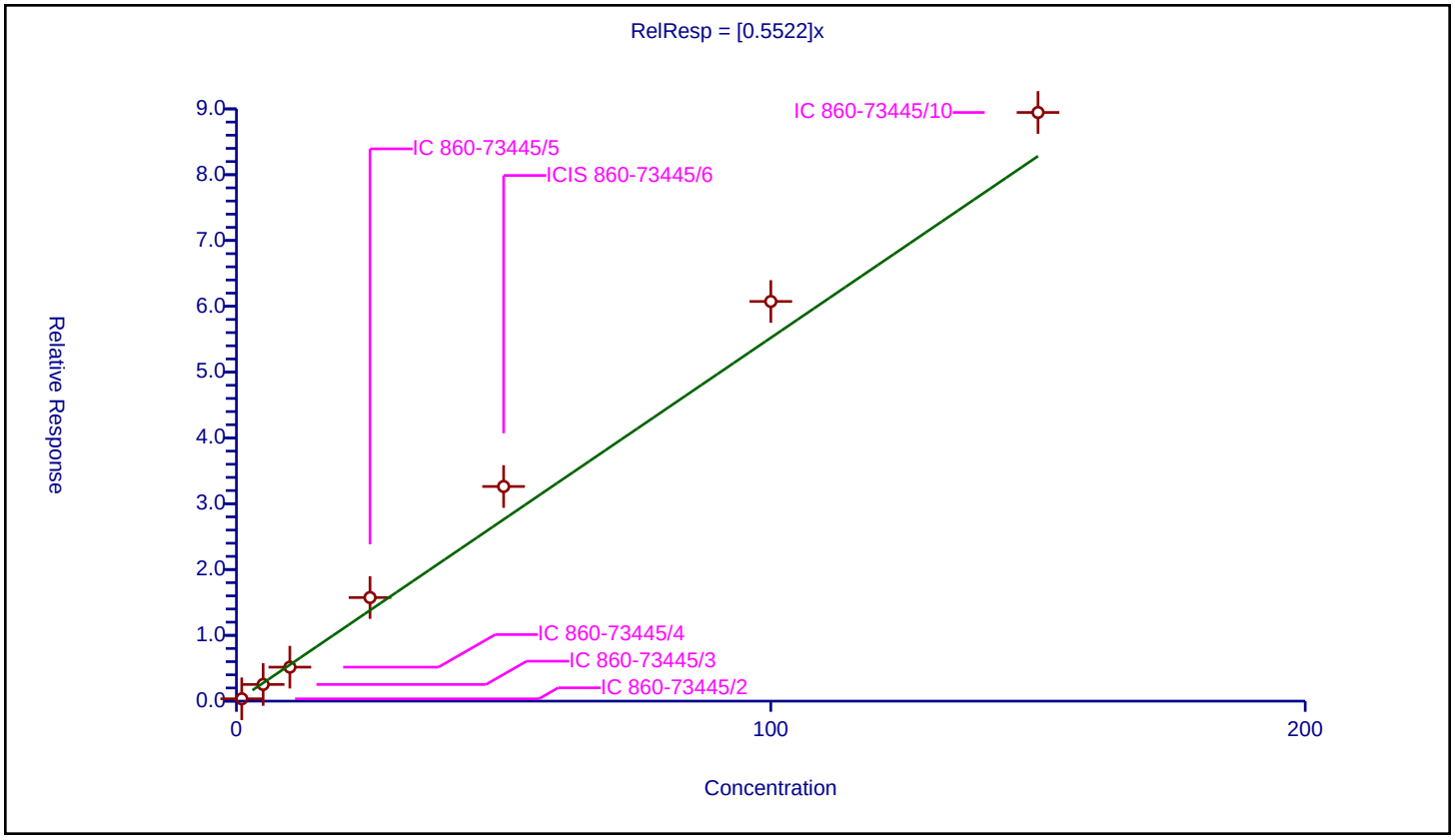
Curve Coefficients

Intercept:	0
Slope:	0.5522

Error Coefficients

Standard Error:	647000
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 860-73445/2	1.0	0.355353	50.0	574640.0	0.355353	Y
2	IC 860-73445/3	5.0	2.536359	50.0	594277.0	0.507272	Y
3	IC 860-73445/4	10.0	5.165531	50.0	616471.0	0.516553	Y
4	IC 860-73445/5	25.0	15.742824	50.0	636039.0	0.629713	Y
5	ICIS 860-73445/6	50.0	32.620921	50.0	661695.0	0.652418	Y
6	IC 860-73445/8	100.0	60.739218	50.0	692015.0	0.607392	Y
7	IC 860-73445/10	150.0	89.456722	50.0	701850.0	0.596378	Y



Calibration / 2,2-Dichloropropane

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

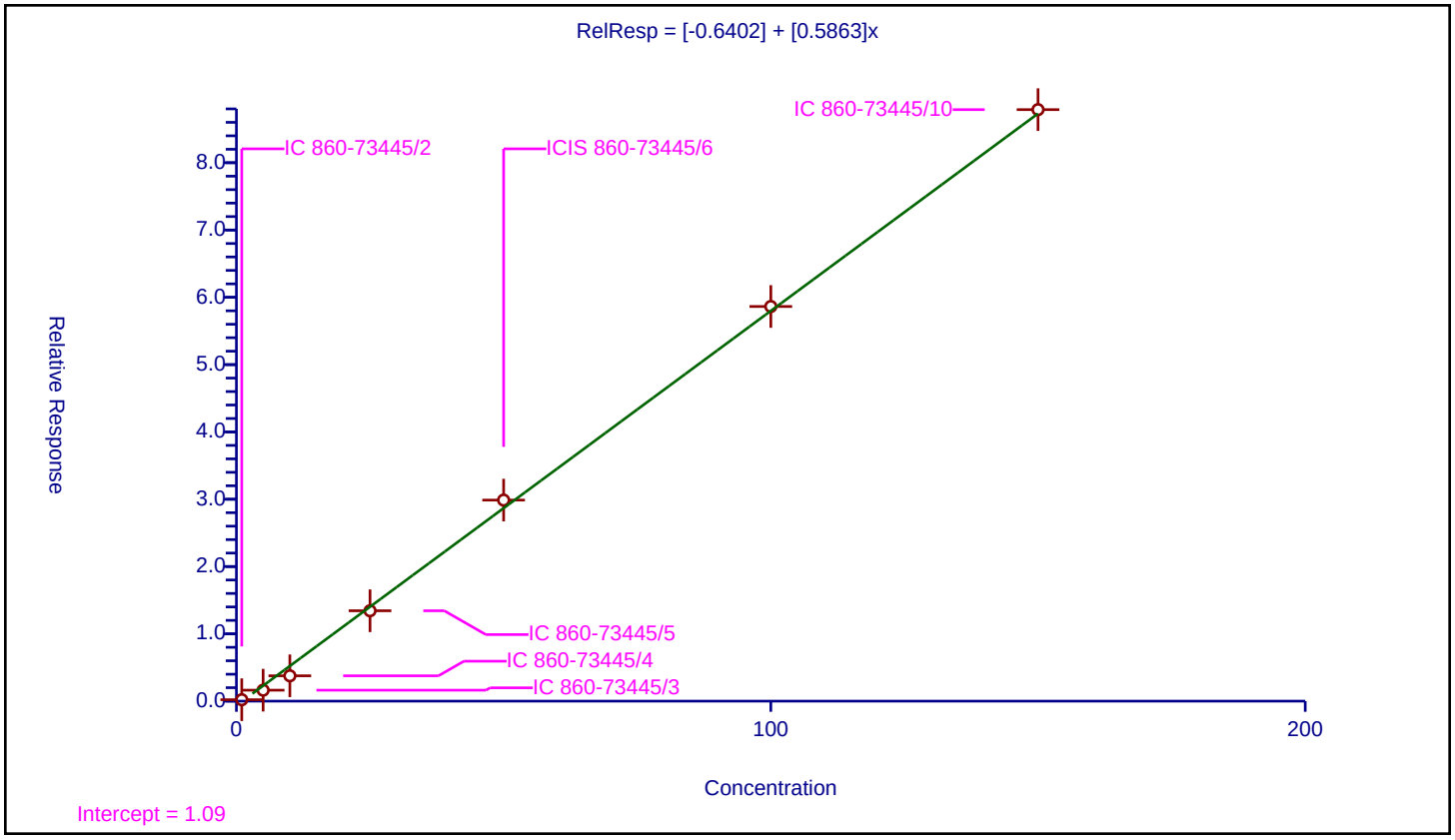
Curve Coefficients

Intercept:	-0.6402
Slope:	0.5863

Error Coefficients

Standard Error:	688000
Relative Standard Error:	25.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	1.0	0.213351	50.0	574640.0	0.213351	Y
2	IC 860-73445/3	5.0	1.627776	50.0	594277.0	0.325555	Y
3	IC 860-73445/4	10.0	3.767249	50.0	616471.0	0.376725	Y
4	IC 860-73445/5	25.0	13.430623	50.0	636039.0	0.537225	Y
5	ICIS 860-73445/6	50.0	29.873884	50.0	661695.0	0.597478	Y
6	IC 860-73445/8	100.0	58.638397	50.0	692015.0	0.586384	Y
7	IC 860-73445/10	150.0	87.88744	50.0	701850.0	0.585916	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

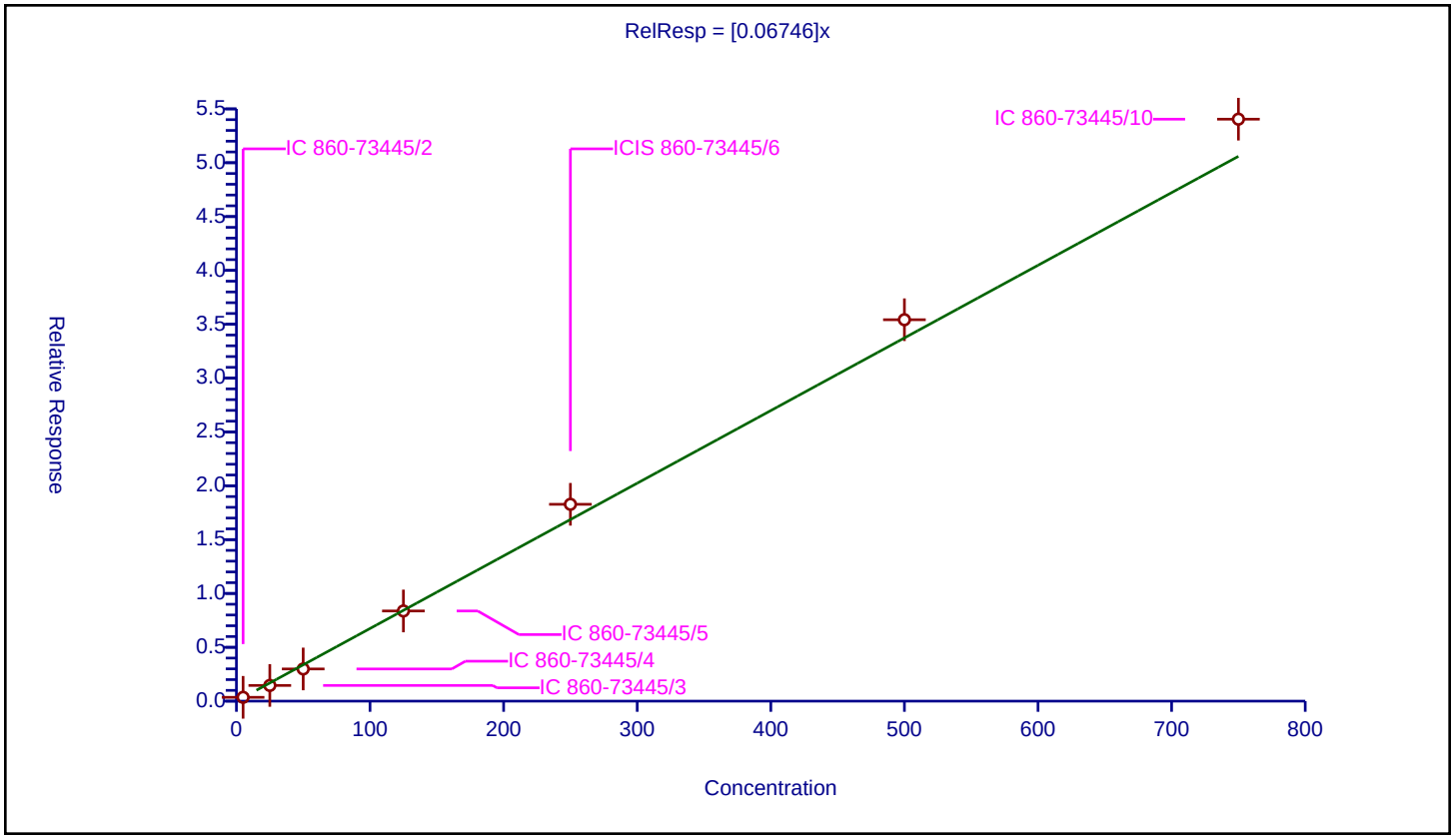
Curve Coefficients

Intercept:	0
Slope:	0.06746

Error Coefficients

Standard Error:	385000
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 860-73445/2	5.0	0.355353	50.0	574640.0	0.071071	Y
2	IC 860-73445/3	25.0	1.459084	50.0	594277.0	0.058363	Y
3	IC 860-73445/4	50.0	2.988137	50.0	616471.0	0.059763	Y
4	IC 860-73445/5	125.0	8.374801	50.0	636039.0	0.066998	Y
5	ICIS 860-73445/6	250.0	18.279872	50.0	661695.0	0.073119	Y
6	IC 860-73445/8	500.0	35.421342	50.0	692015.0	0.070843	Y
7	IC 860-73445/10	750.0	54.045238	50.0	701850.0	0.07206	Y



Calibration / Propionitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

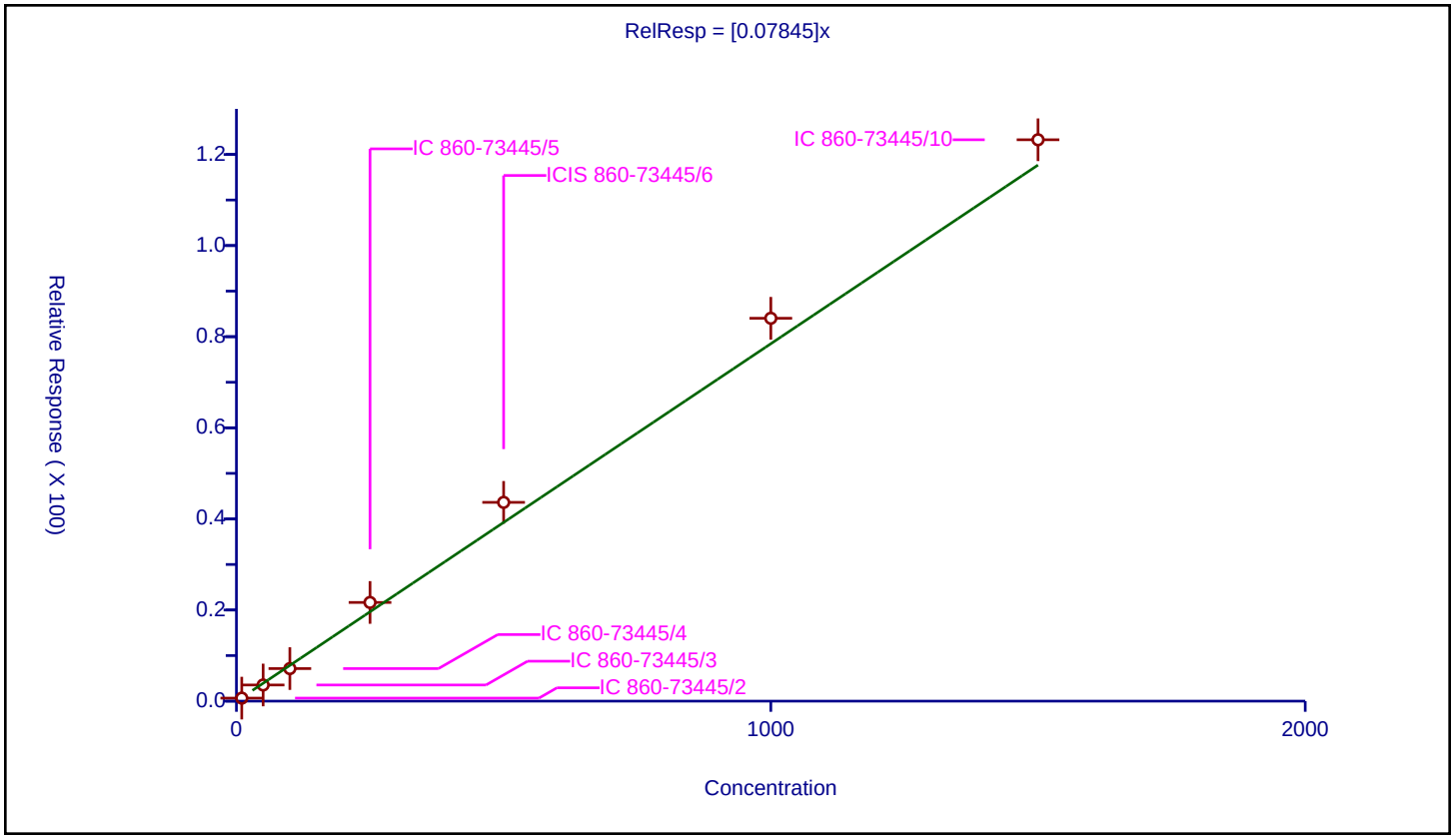
Curve Coefficients

Intercept:	0
Slope:	0.07845

Error Coefficients

Standard Error:	891000
Relative Standard Error:	10.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	10.0	0.666243	50.0	574640.0	0.066624	Y
2	IC 860-73445/3	50.0	3.546663	50.0	594277.0	0.070933	Y
3	IC 860-73445/4	100.0	7.14989	50.0	616471.0	0.071499	Y
4	IC 860-73445/5	250.0	21.661879	50.0	636039.0	0.086648	Y
5	ICIS 860-73445/6	500.0	43.632943	50.0	661695.0	0.087266	Y
6	IC 860-73445/8	1000.0	84.040519	50.0	692015.0	0.084041	Y
7	IC 860-73445/10	1500.0	123.224264	50.0	701850.0	0.08215	Y



Calibration / Ethyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

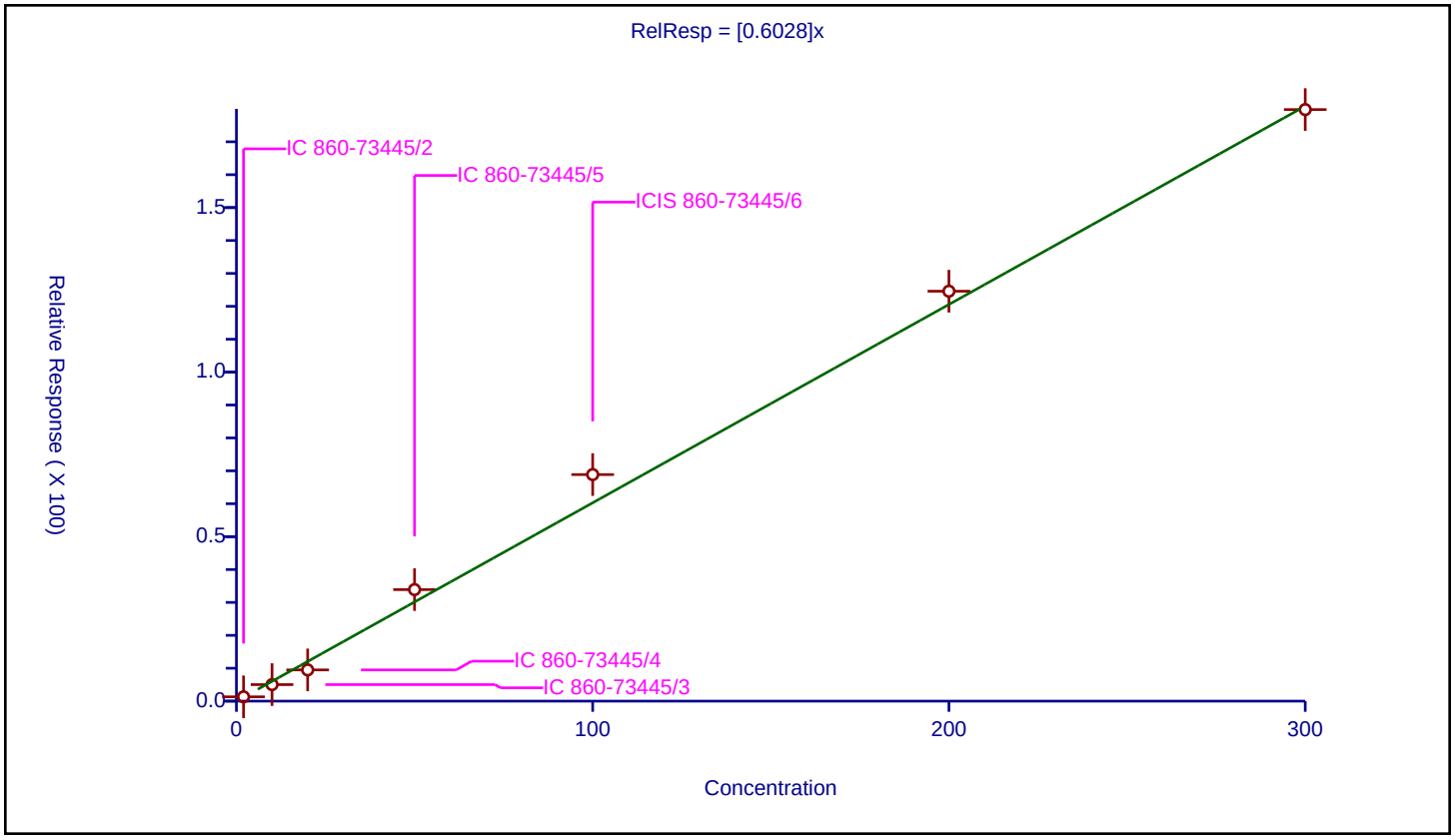
Curve Coefficients

Intercept:	0
Slope:	0.6028

Error Coefficients

Standard Error:	1310000
Relative Standard Error:	14.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	2.0	1.307427	50.0	574640.0	0.653714	Y
2	IC 860-73445/3	10.0	5.02636	50.0	594277.0	0.502636	Y
3	IC 860-73445/4	20.0	9.490552	50.0	616471.0	0.474528	Y
4	IC 860-73445/5	50.0	33.896585	50.0	636039.0	0.677932	Y
5	ICIS 860-73445/6	100.0	68.856422	50.0	661695.0	0.688564	Y
6	IC 860-73445/8	200.0	124.593325	50.0	692015.0	0.622967	Y
7	IC 860-73445/10	300.0	179.789271	50.0	701850.0	0.599298	Y



Calibration / Methacrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

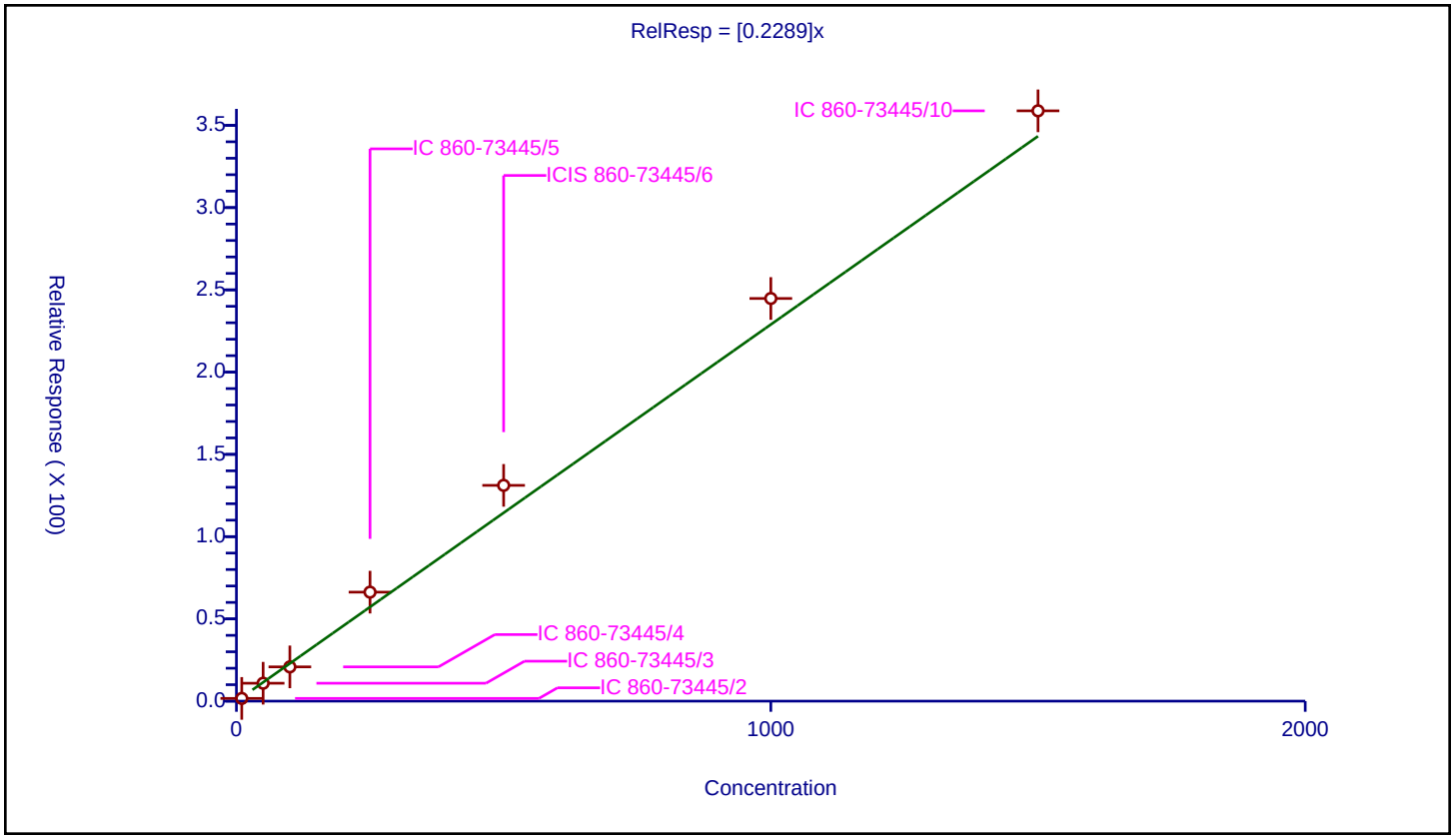
Curve Coefficients

Intercept:	0
Slope:	0.2289

Error Coefficients

Standard Error:	2600000
Relative Standard Error:	15.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	10.0	1.65173	50.0	574640.0	0.165173	Y
2	IC 860-73445/3	50.0	10.889703	50.0	594277.0	0.217794	Y
3	IC 860-73445/4	100.0	20.819876	50.0	616471.0	0.208199	Y
4	IC 860-73445/5	250.0	66.263861	50.0	636039.0	0.265055	Y
5	ICIS 860-73445/6	500.0	131.167003	50.0	661695.0	0.262334	Y
6	IC 860-73445/8	1000.0	244.768032	50.0	692015.0	0.244768	Y
7	IC 860-73445/10	1500.0	358.825746	50.0	701850.0	0.239217	Y



Calibration / Chlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

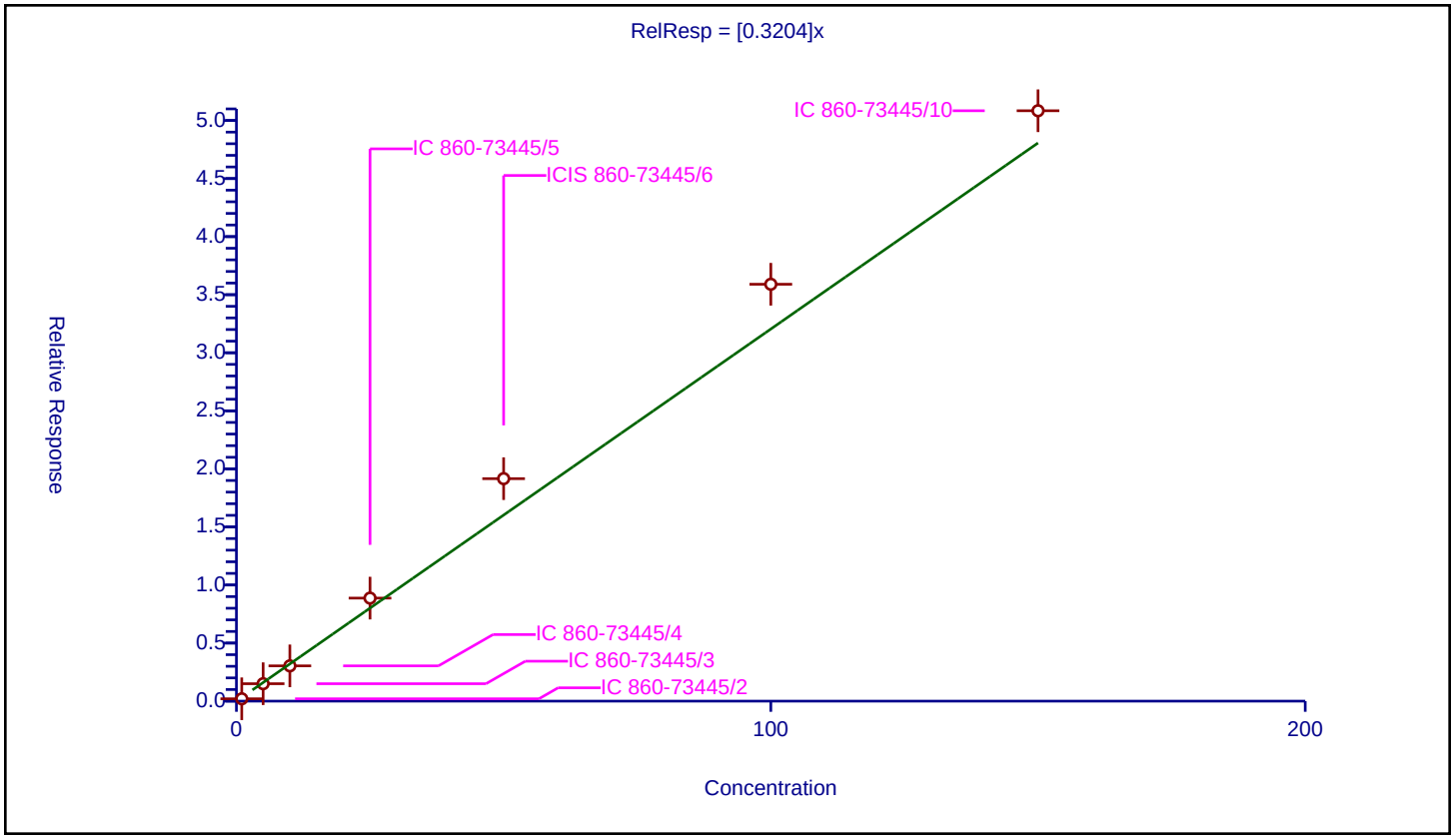
Curve Coefficients

Intercept:	0
Slope:	0.3204

Error Coefficients

Standard Error:	373000
Relative Standard Error:	18.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.967

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	1.0	0.20291	50.0	574640.0	0.20291	Y
2	IC 860-73445/3	5.0	1.501657	50.0	594277.0	0.300331	Y
3	IC 860-73445/4	10.0	3.038505	50.0	616471.0	0.30385	Y
4	IC 860-73445/5	25.0	8.871469	50.0	636039.0	0.354859	Y
5	ICIS 860-73445/6	50.0	19.15996	50.0	661695.0	0.383199	Y
6	IC 860-73445/8	100.0	35.899005	50.0	692015.0	0.35899	Y
7	IC 860-73445/10	150.0	50.840066	50.0	701850.0	0.338934	Y



Calibration / Tetrahydrofuran

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

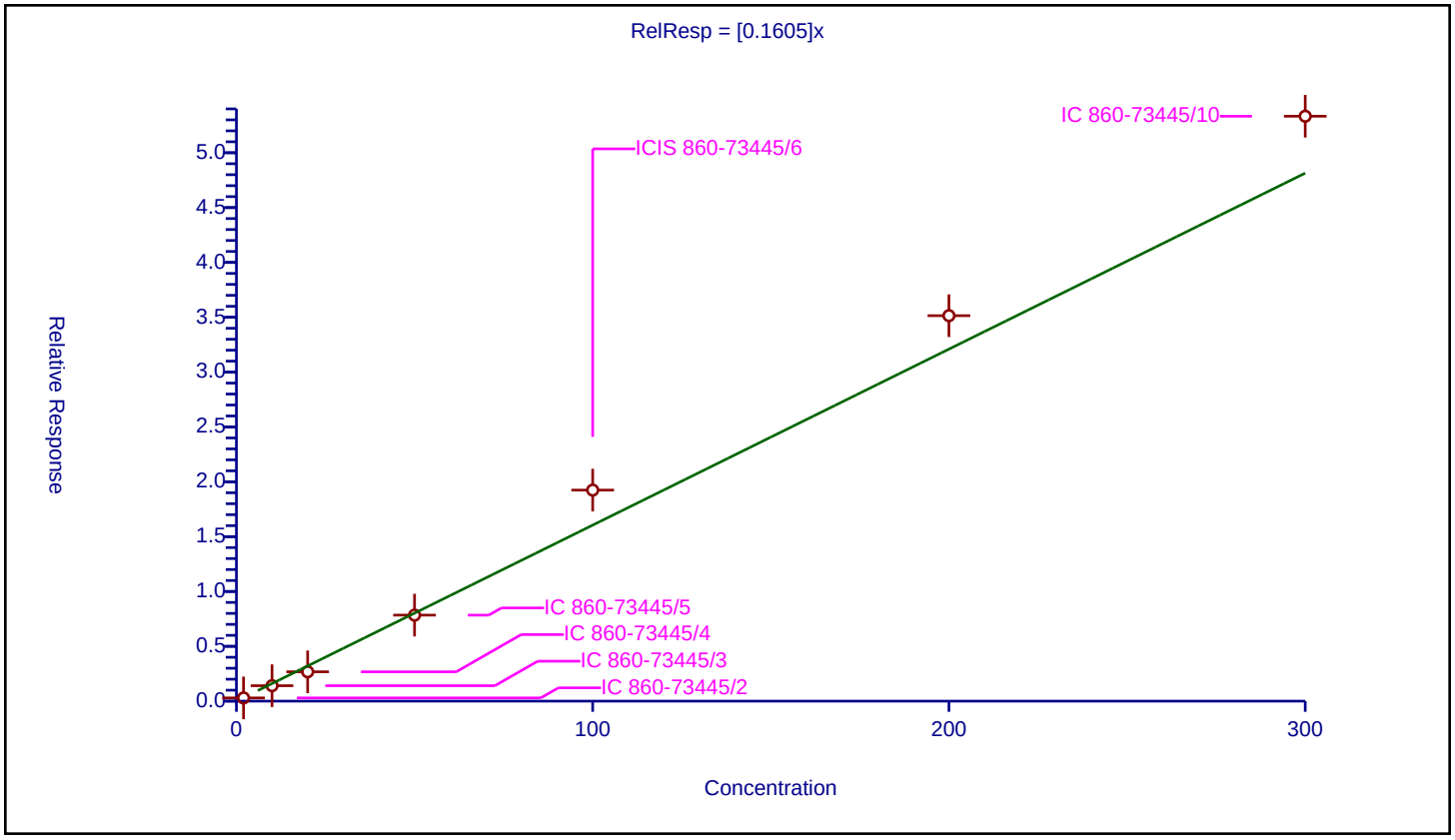
Curve Coefficients

Intercept:	0
Slope:	0.1605

Error Coefficients

Standard Error:	381000
Relative Standard Error:	13.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	2.0	0.291922	50.0	574640.0	0.145961	Y
2	IC 860-73445/3	10.0	1.407677	50.0	594277.0	0.140768	Y
3	IC 860-73445/4	20.0	2.675876	50.0	616471.0	0.133794	Y
4	IC 860-73445/5	50.0	7.842837	50.0	636039.0	0.156857	Y
5	ICIS 860-73445/6	100.0	19.242854	50.0	661695.0	0.192429	Y
6	IC 860-73445/8	200.0	35.145987	50.0	692015.0	0.17573	Y
7	IC 860-73445/10	300.0	53.33312	50.0	701850.0	0.177777	Y



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

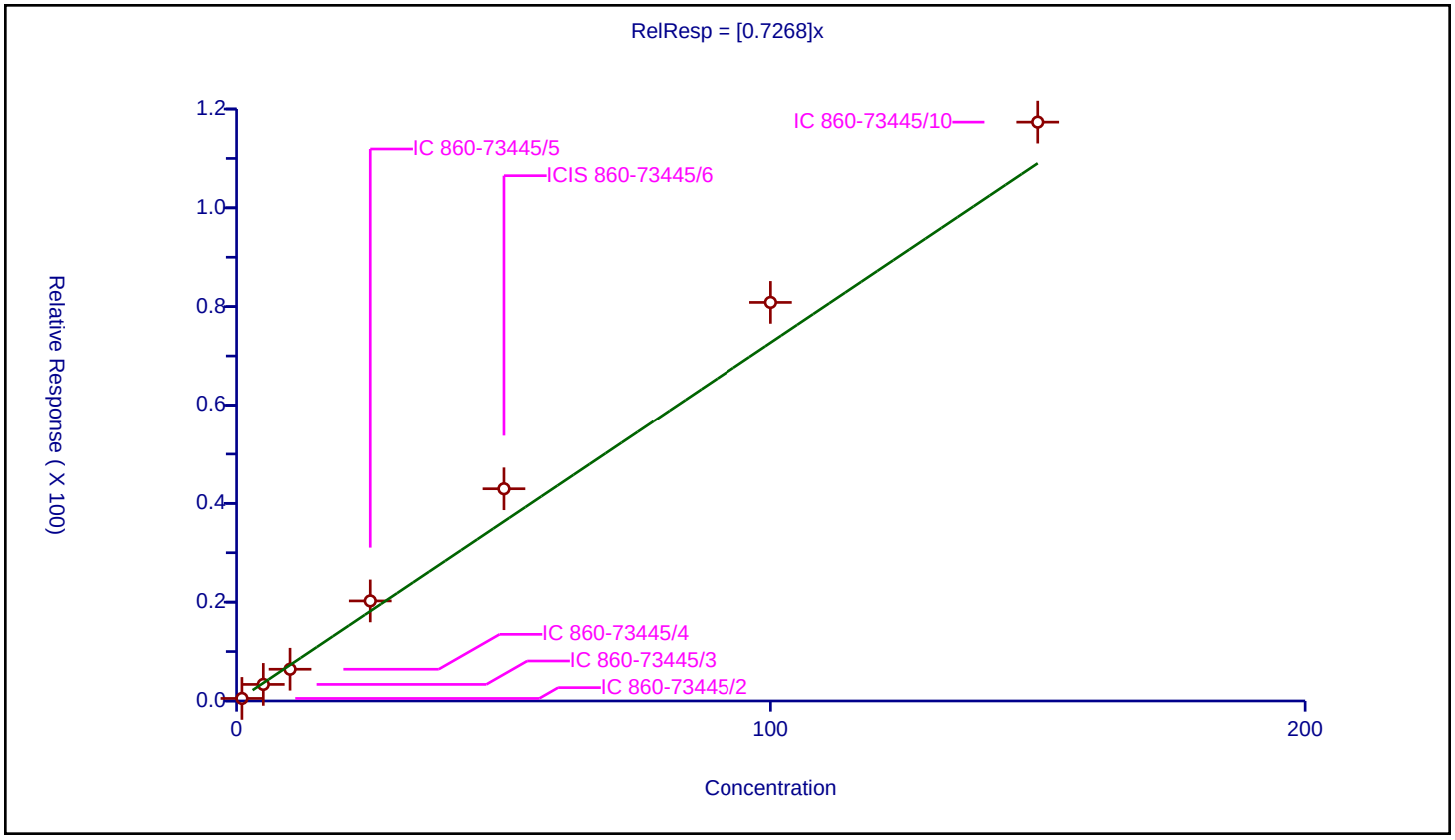
Curve Coefficients

Intercept:	0
Slope:	0.7268

Error Coefficients

Standard Error:	853000
Relative Standard Error:	16.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.972

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	1.0	0.514148	50.0	574640.0	0.514148	Y
2	IC 860-73445/3	5.0	3.35416	50.0	594277.0	0.670832	Y
3	IC 860-73445/4	10.0	6.42585	50.0	616471.0	0.642585	Y
4	IC 860-73445/5	25.0	20.250959	50.0	636039.0	0.810038	Y
5	ICIS 860-73445/6	50.0	42.958841	50.0	661695.0	0.859177	Y
6	IC 860-73445/8	100.0	80.857857	50.0	692015.0	0.808579	Y
7	IC 860-73445/10	150.0	117.346299	50.0	701850.0	0.782309	Y



Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

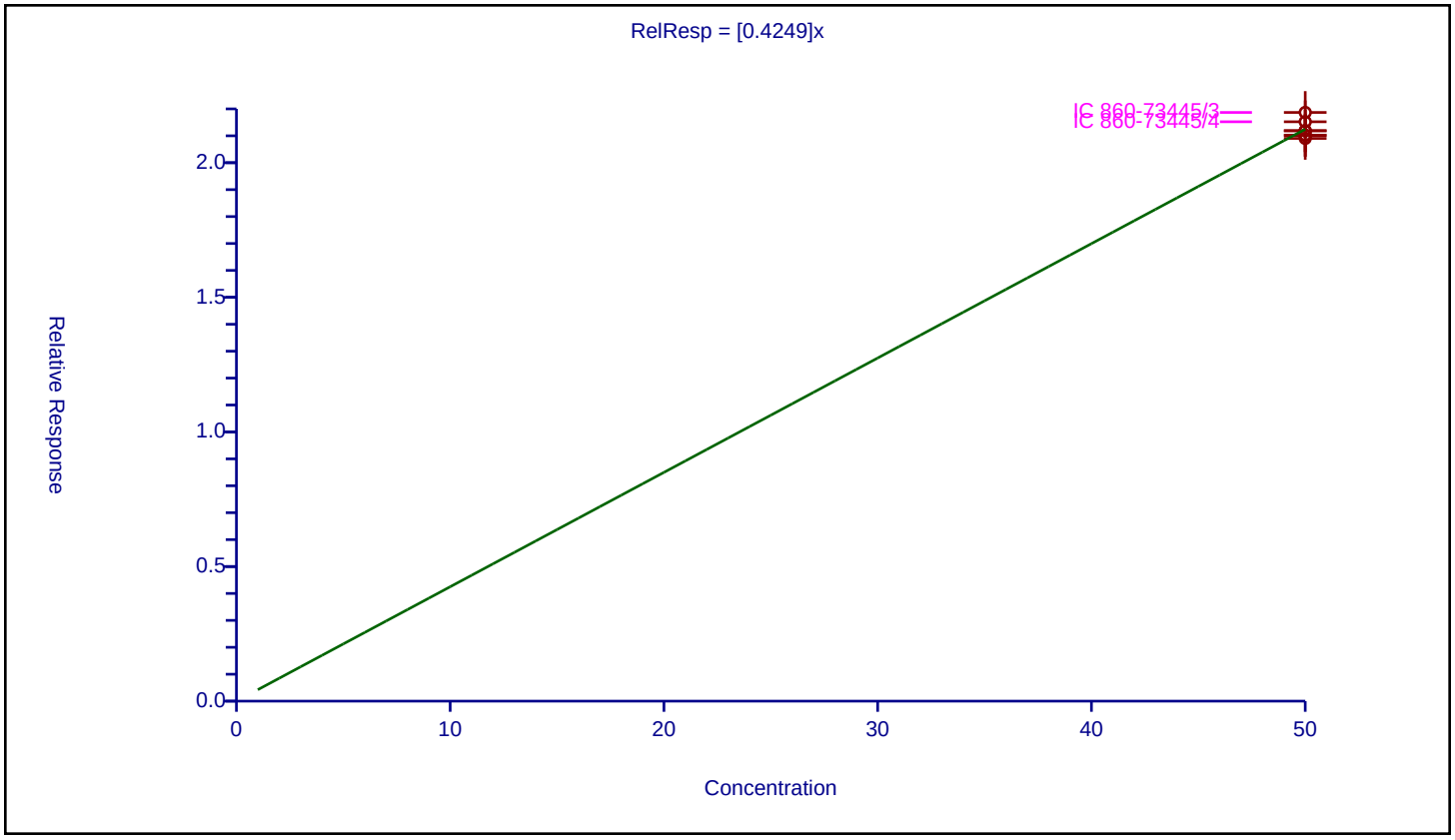
Curve Coefficients

Intercept:	0
Slope:	0.4249

Error Coefficients

Standard Error:	294000
Relative Standard Error:	1.6
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	50.0	21.193791	50.0	574640.0	0.423876	Y
2	IC 860-73445/3	50.0	21.867496	50.0	594277.0	0.43735	Y
3	IC 860-73445/4	50.0	21.521045	50.0	616471.0	0.430421	Y
4	IC 860-73445/5	50.0	21.182585	50.0	636039.0	0.423652	Y
5	ICIS 860-73445/6	50.0	21.025699	50.0	661695.0	0.420514	Y
6	IC 860-73445/8	50.0	20.902798	50.0	692015.0	0.418056	Y
7	IC 860-73445/10	50.0	21.00919	50.0	701850.0	0.420184	Y



Calibration / 1,1,1-Trichloroethane

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

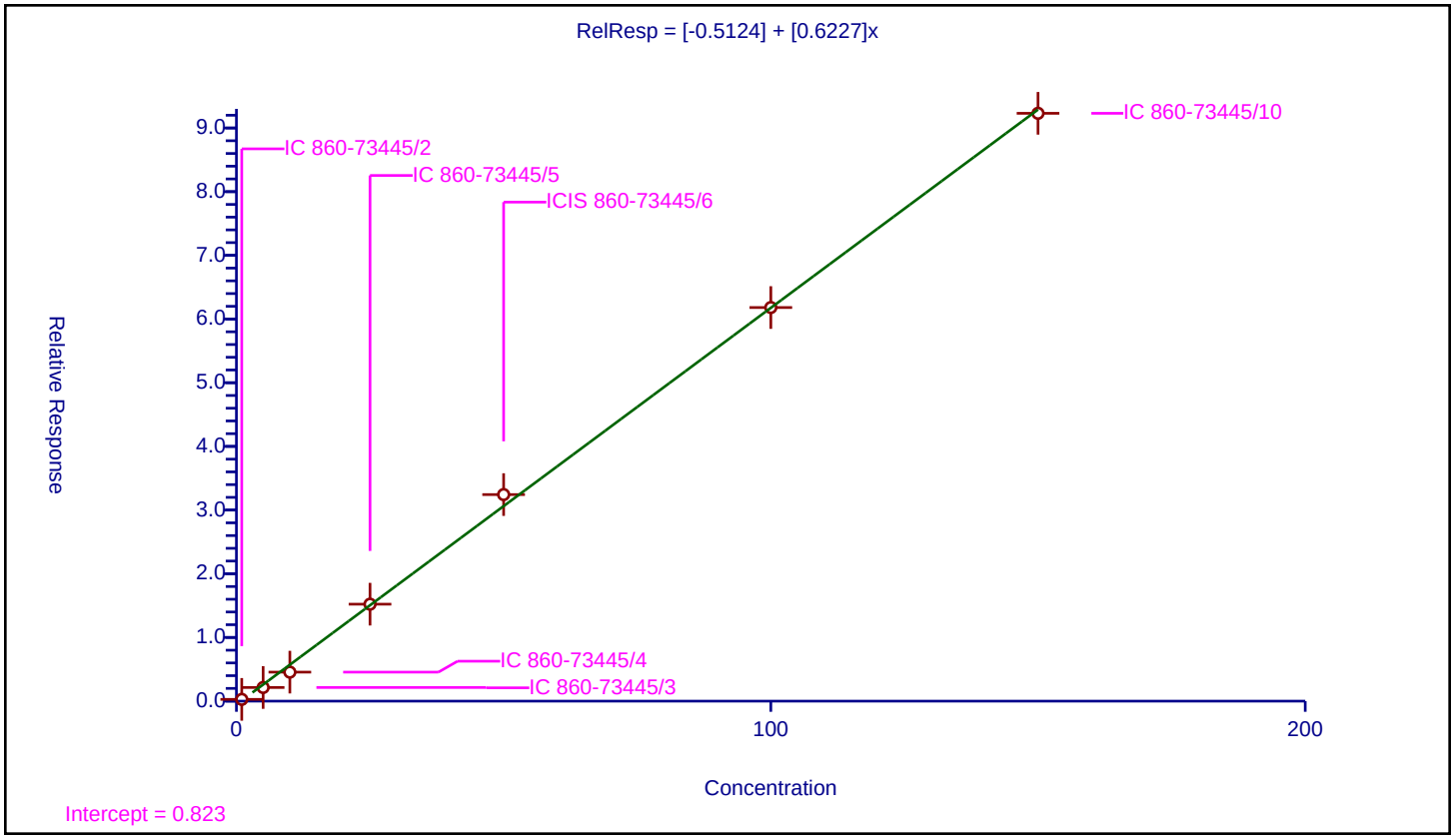
Curve Coefficients

Intercept:	-0.5124
Slope:	0.6227

Error Coefficients

Standard Error:	726000
Relative Standard Error:	16.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	1.0	0.278261	50.0	574640.0	0.278261	Y
2	IC 860-73445/3	5.0	2.142688	50.0	594277.0	0.428538	Y
3	IC 860-73445/4	10.0	4.555527	50.0	616471.0	0.455553	Y
4	IC 860-73445/5	25.0	15.224145	50.0	636039.0	0.608966	Y
5	ICIS 860-73445/6	50.0	32.435337	50.0	661695.0	0.648707	Y
6	IC 860-73445/8	100.0	61.806753	50.0	692015.0	0.618068	Y
7	IC 860-73445/10	150.0	92.307259	50.0	701850.0	0.615382	Y



Calibration / Cyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

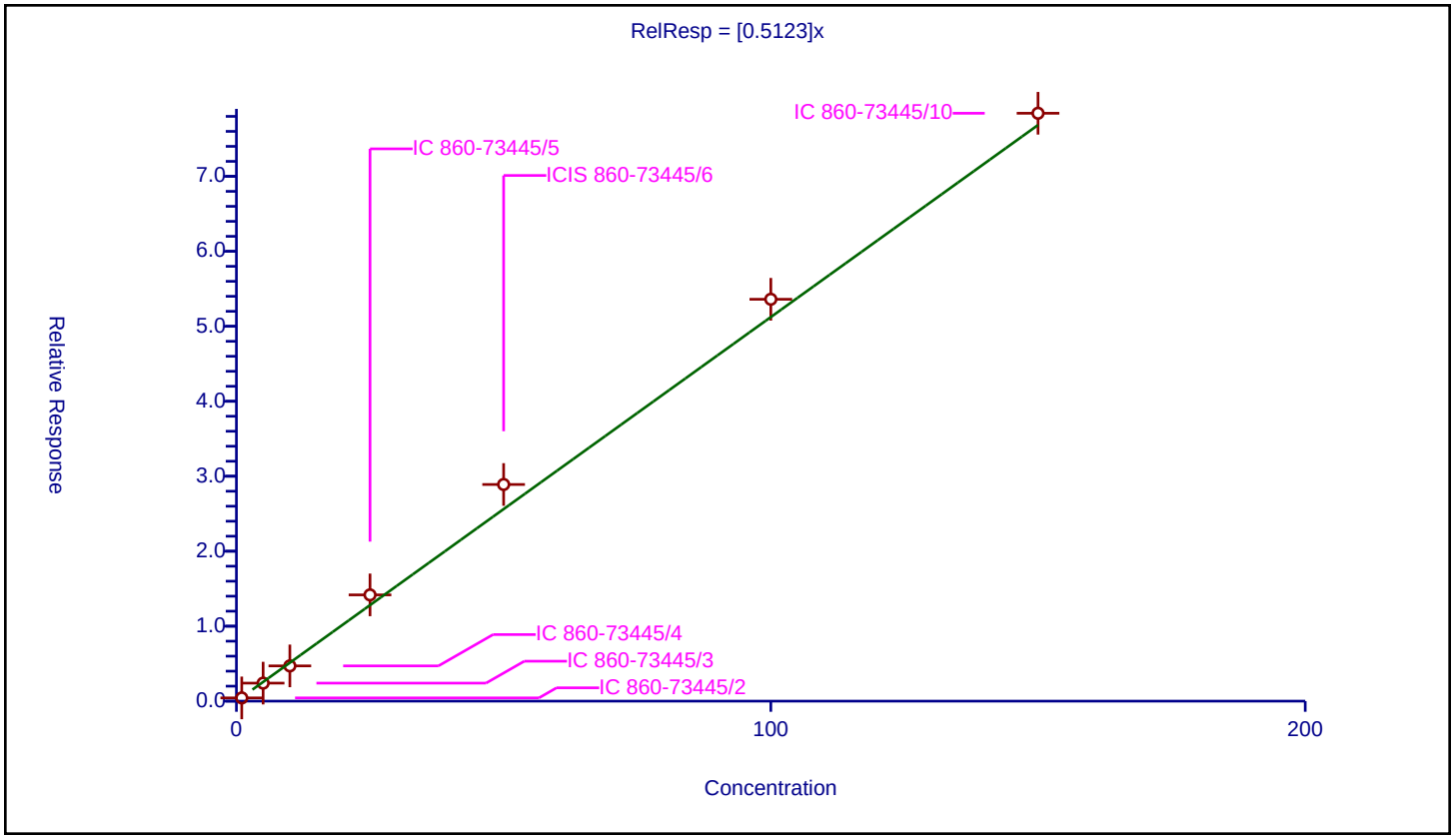
Curve Coefficients

Intercept:	0
Slope:	0.5123

Error Coefficients

Standard Error:	569000
Relative Standard Error:	10.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	1.0	0.431401	50.0	574640.0	0.431401	Y
2	IC 860-73445/3	5.0	2.403172	50.0	594277.0	0.480634	Y
3	IC 860-73445/4	10.0	4.703628	50.0	616471.0	0.470363	Y
4	IC 860-73445/5	25.0	14.172087	50.0	636039.0	0.566883	Y
5	ICIS 860-73445/6	50.0	28.900022	50.0	661695.0	0.578	Y
6	IC 860-73445/8	100.0	53.604474	50.0	692015.0	0.536045	Y
7	IC 860-73445/10	150.0	78.419035	50.0	701850.0	0.522794	Y



Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

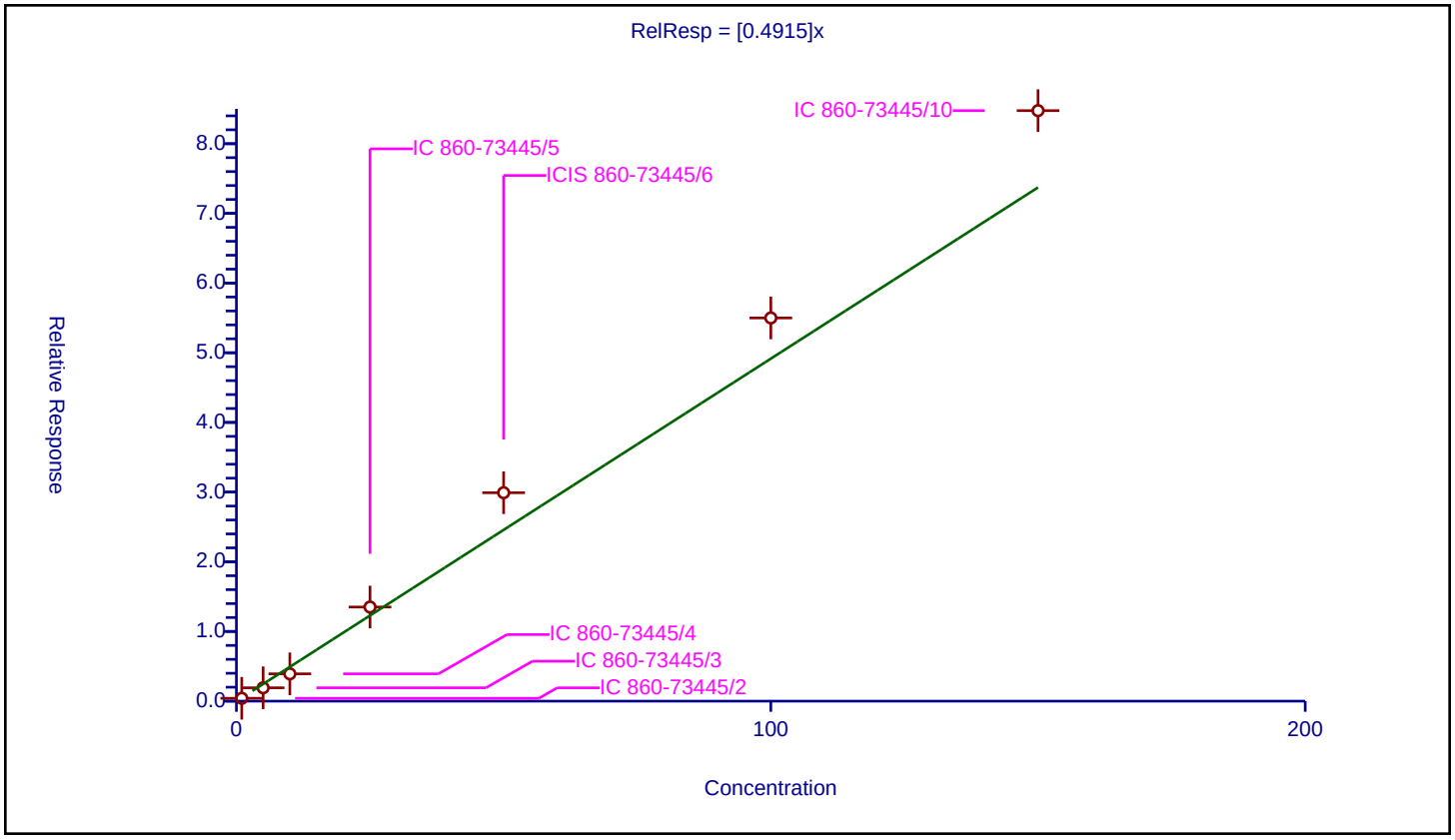
Curve Coefficients

Intercept:	0
Slope:	0.4915

Error Coefficients

Standard Error:	603000
Relative Standard Error:	18.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.965

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	1.0	0.411736	50.0	574640.0	0.411736	Y
2	IC 860-73445/3	5.0	1.916615	50.0	594277.0	0.383323	Y
3	IC 860-73445/4	10.0	3.920622	50.0	616471.0	0.392062	Y
4	IC 860-73445/5	25.0	13.50609	50.0	636039.0	0.540244	Y
5	ICIS 860-73445/6	50.0	29.912271	50.0	661695.0	0.598245	Y
6	IC 860-73445/8	100.0	54.997074	50.0	692015.0	0.549971	Y
7	IC 860-73445/10	150.0	84.748237	50.0	701850.0	0.564988	Y



Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

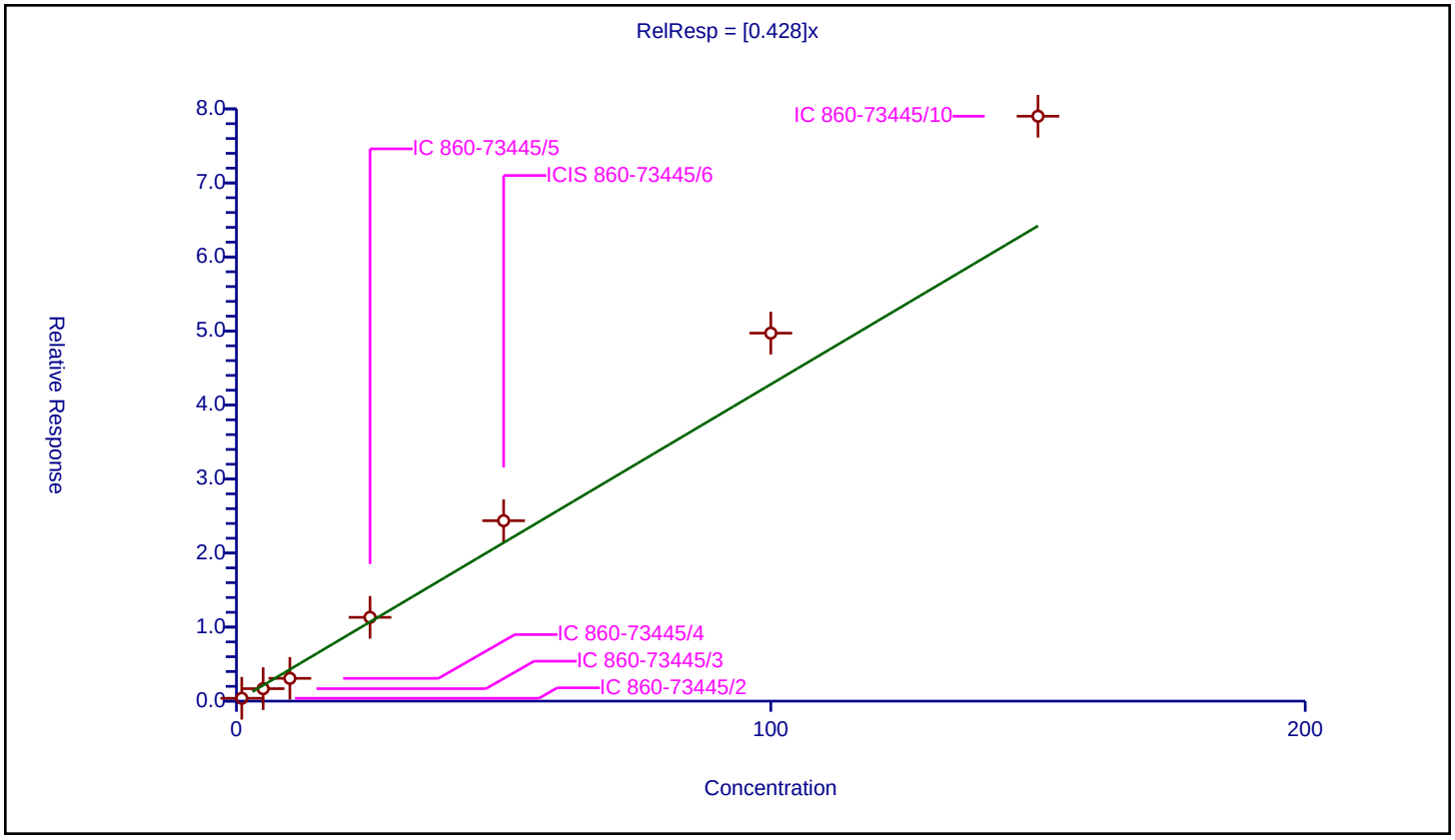
Curve Coefficients

Intercept:	0
Slope:	0.428

Error Coefficients

Standard Error:	552000
Relative Standard Error:	19.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.960

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	1.0	0.387373	50.0	574640.0	0.387373	Y
2	IC 860-73445/3	5.0	1.683895	50.0	594277.0	0.336779	Y
3	IC 860-73445/4	10.0	3.077598	50.0	616471.0	0.30776	Y
4	IC 860-73445/5	25.0	11.318331	50.0	636039.0	0.452733	Y
5	ICIS 860-73445/6	50.0	24.370745	50.0	661695.0	0.487415	Y
6	IC 860-73445/8	100.0	49.711856	50.0	692015.0	0.497119	Y
7	IC 860-73445/10	150.0	79.009546	50.0	701850.0	0.52673	Y



Calibration / Isobutyl alcohol

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

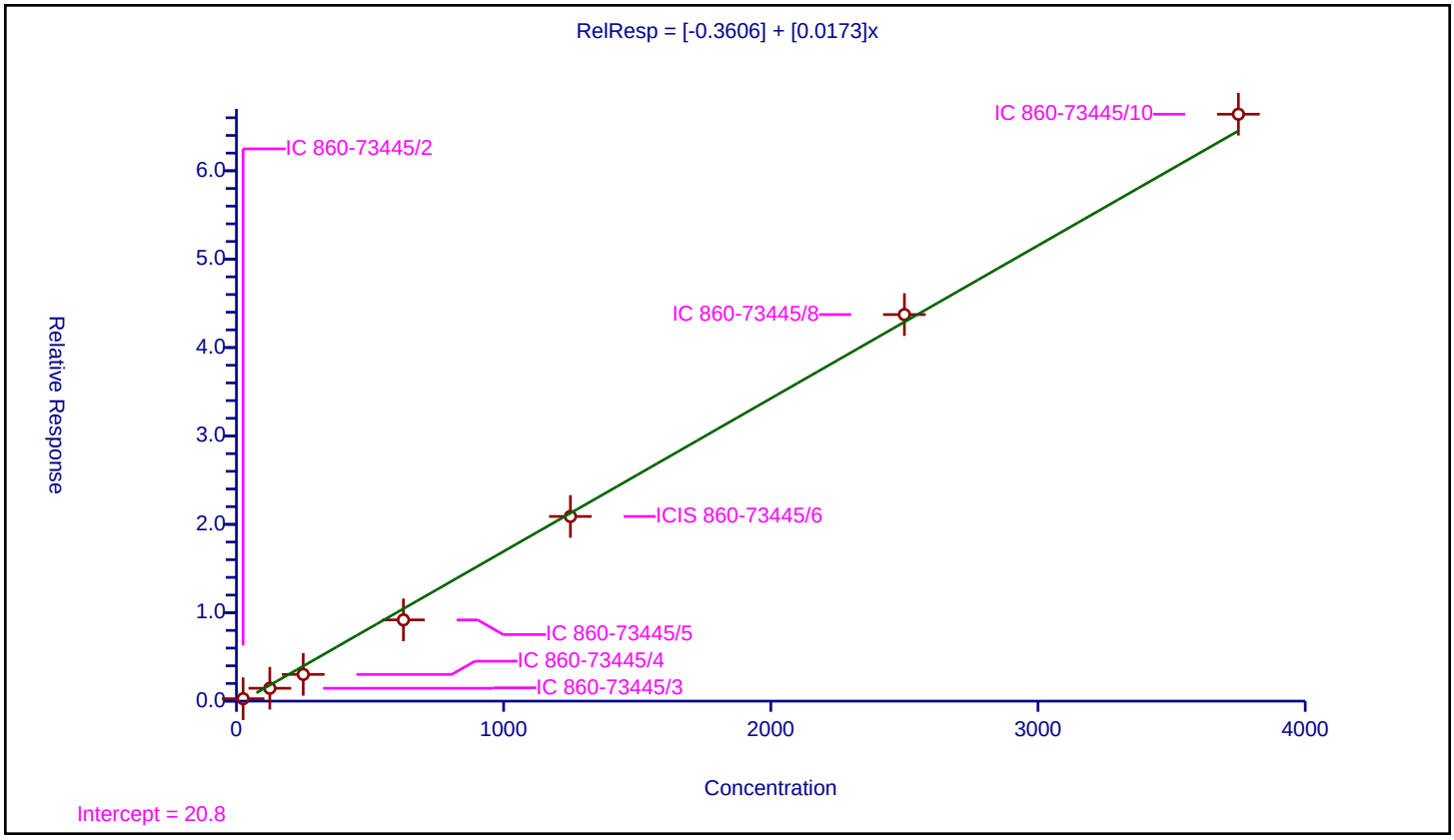
Curve Coefficients

Intercept:	-0.3606
Slope:	0.0173

Error Coefficients

Standard Error:	764000
Relative Standard Error:	24.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	25.0	0.272322	50.0	868823.0	0.010893	Y
2	IC 860-73445/3	125.0	1.455385	50.0	872999.0	0.011643	Y
3	IC 860-73445/4	250.0	3.024558	50.0	905620.0	0.012098	Y
4	IC 860-73445/5	625.0	9.19111	50.0	951131.0	0.014706	Y
5	ICIS 860-73445/6	1250.0	20.894875	50.0	983758.0	0.016716	Y
6	IC 860-73445/8	2500.0	43.733212	50.0	1010007.0	0.017493	Y
7	IC 860-73445/10	3750.0	66.399386	50.0	1048213.0	0.017707	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

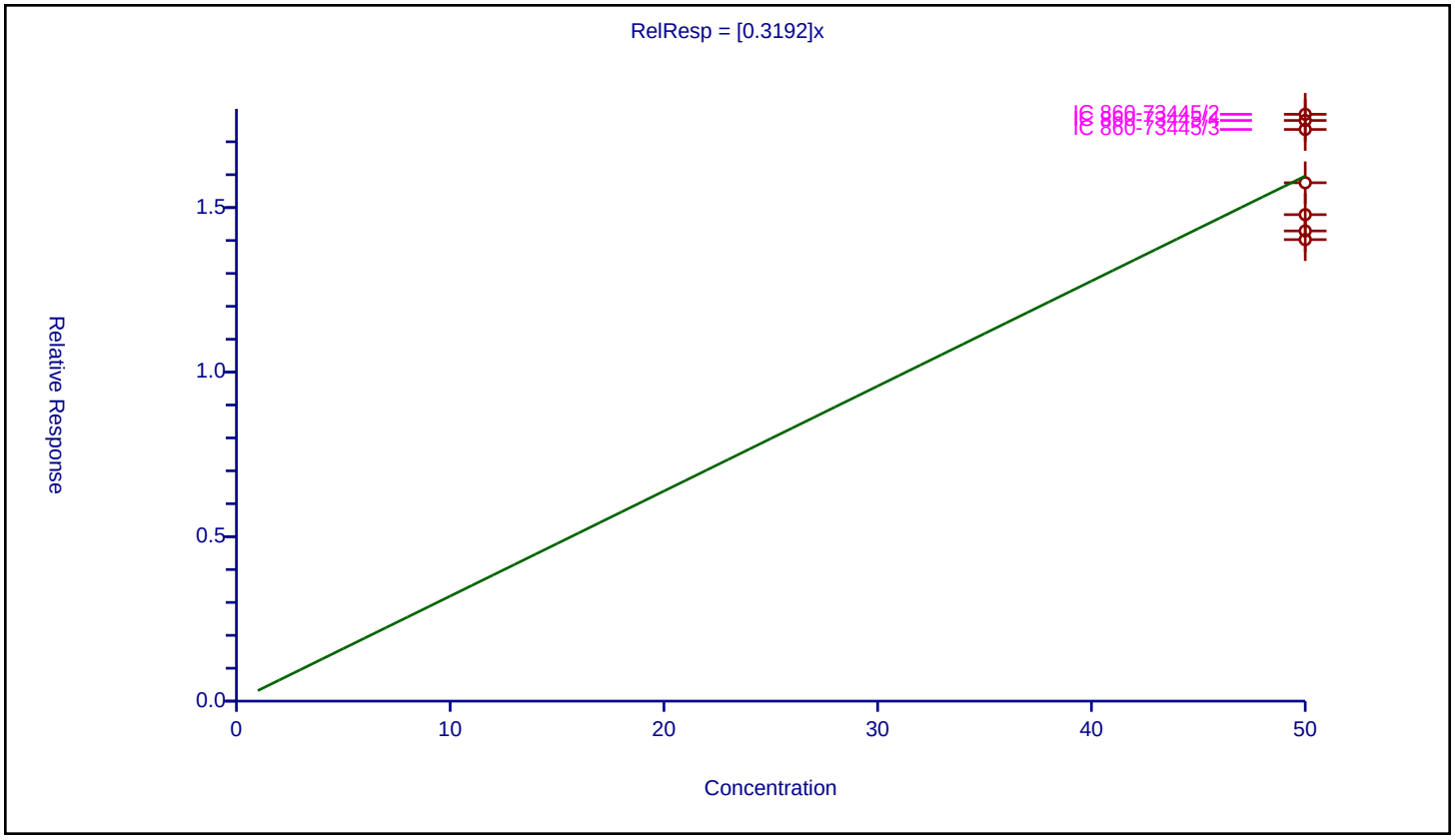
Curve Coefficients

Intercept:	0
Slope:	0.3192

Error Coefficients

Standard Error:	325000
Relative Standard Error:	10.3
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0.000000000000000111

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	50.0	17.835681	50.0	868823.0	0.356714	Y
2	IC 860-73445/3	50.0	17.374991	50.0	872999.0	0.3475	Y
3	IC 860-73445/4	50.0	17.648848	50.0	905620.0	0.352977	Y
4	IC 860-73445/5	50.0	15.755348	50.0	951131.0	0.315107	Y
5	ICIS 860-73445/6	50.0	14.785547	50.0	983758.0	0.295711	Y
6	IC 860-73445/8	50.0	14.290941	50.0	1010007.0	0.285819	Y
7	IC 860-73445/10	50.0	14.027111	50.0	1048213.0	0.280542	Y



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

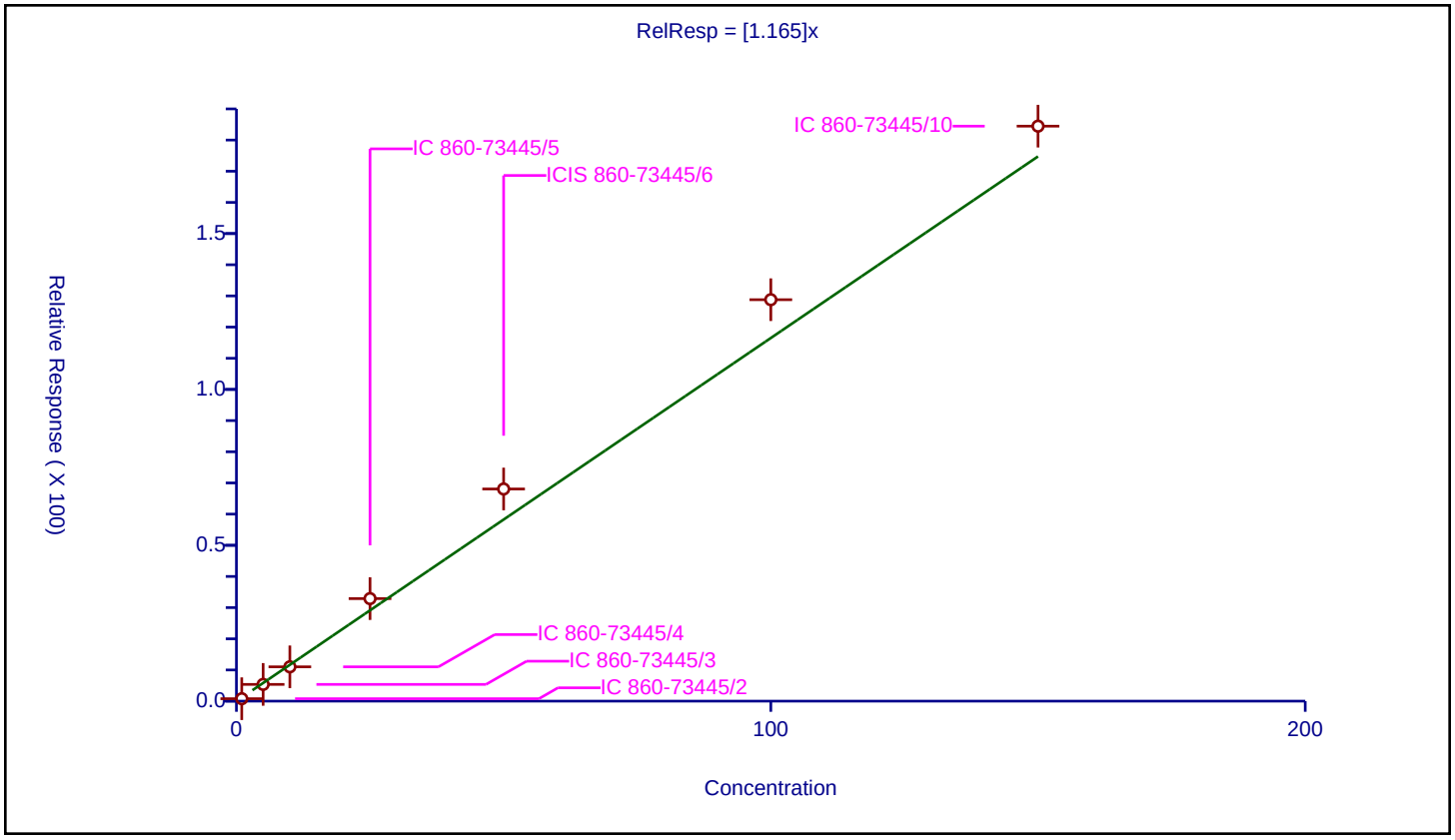
Curve Coefficients

Intercept:	0
Slope:	1.165

Error Coefficients

Standard Error:	2000000
Relative Standard Error:	17.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.972

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	1.0	0.78497	50.0	868823.0	0.78497	Y
2	IC 860-73445/3	5.0	5.373603	50.0	872999.0	1.074721	Y
3	IC 860-73445/4	10.0	11.005444	50.0	905620.0	1.100544	Y
4	IC 860-73445/5	25.0	32.892893	50.0	951131.0	1.315716	Y
5	ICIS 860-73445/6	50.0	68.063182	50.0	983758.0	1.361264	Y
6	IC 860-73445/8	100.0	128.784107	50.0	1010007.0	1.287841	Y
7	IC 860-73445/10	150.0	184.461698	50.0	1048213.0	1.229745	Y



Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

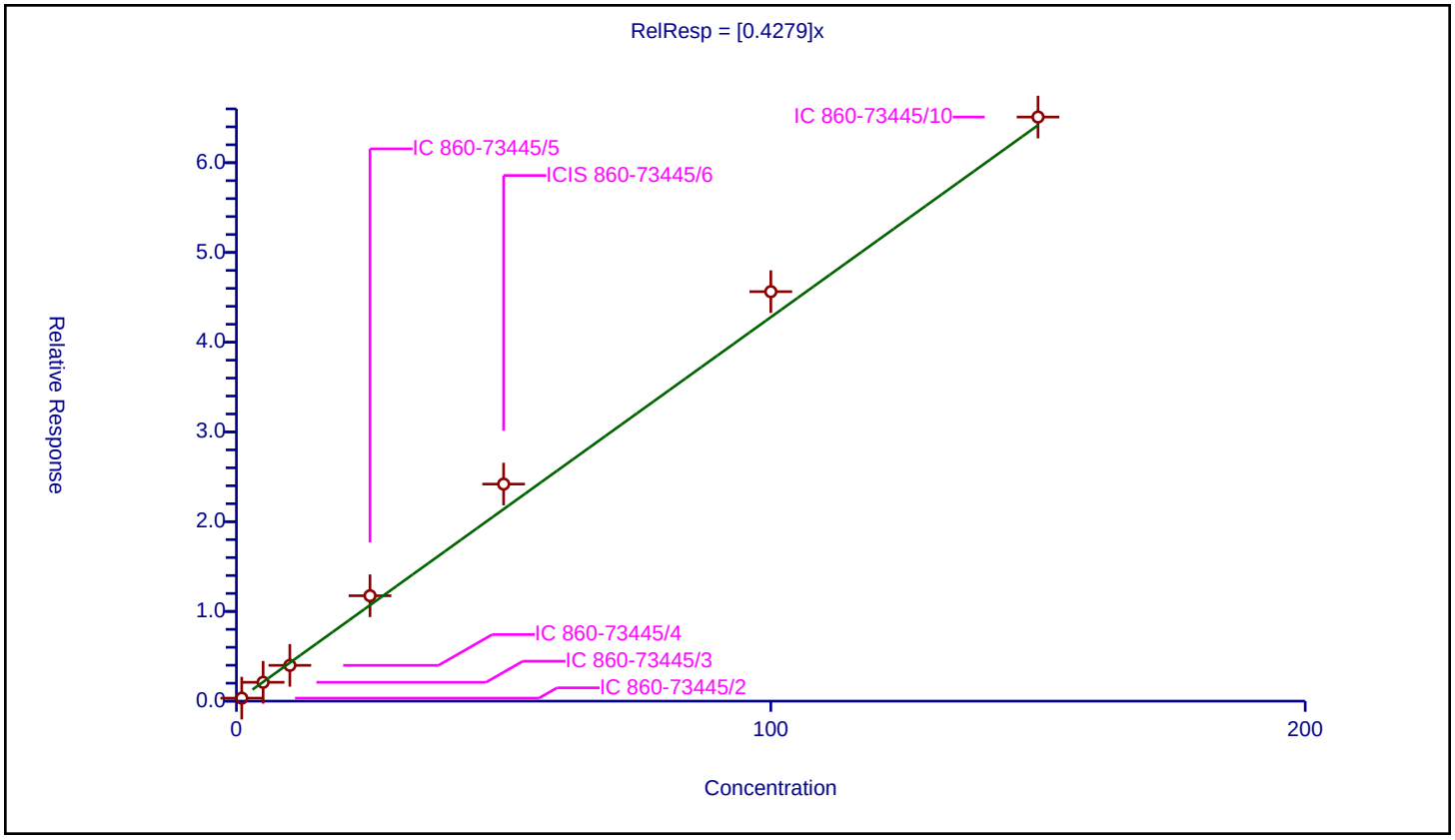
Curve Coefficients

Intercept:	0
Slope:	0.4279

Error Coefficients

Standard Error:	706000
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 860-73445/2	1.0	0.332461	50.0	868823.0	0.332461	Y
2	IC 860-73445/3	5.0	2.10006	50.0	872999.0	0.420012	Y
3	IC 860-73445/4	10.0	3.987544	50.0	905620.0	0.398754	Y
4	IC 860-73445/5	25.0	11.745648	50.0	951131.0	0.469826	Y
5	ICIS 860-73445/6	50.0	24.188876	50.0	983758.0	0.483778	Y
6	IC 860-73445/8	100.0	45.634337	50.0	1010007.0	0.456343	Y
7	IC 860-73445/10	150.0	65.092782	50.0	1048213.0	0.433952	Y



Calibration / Isooctane

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

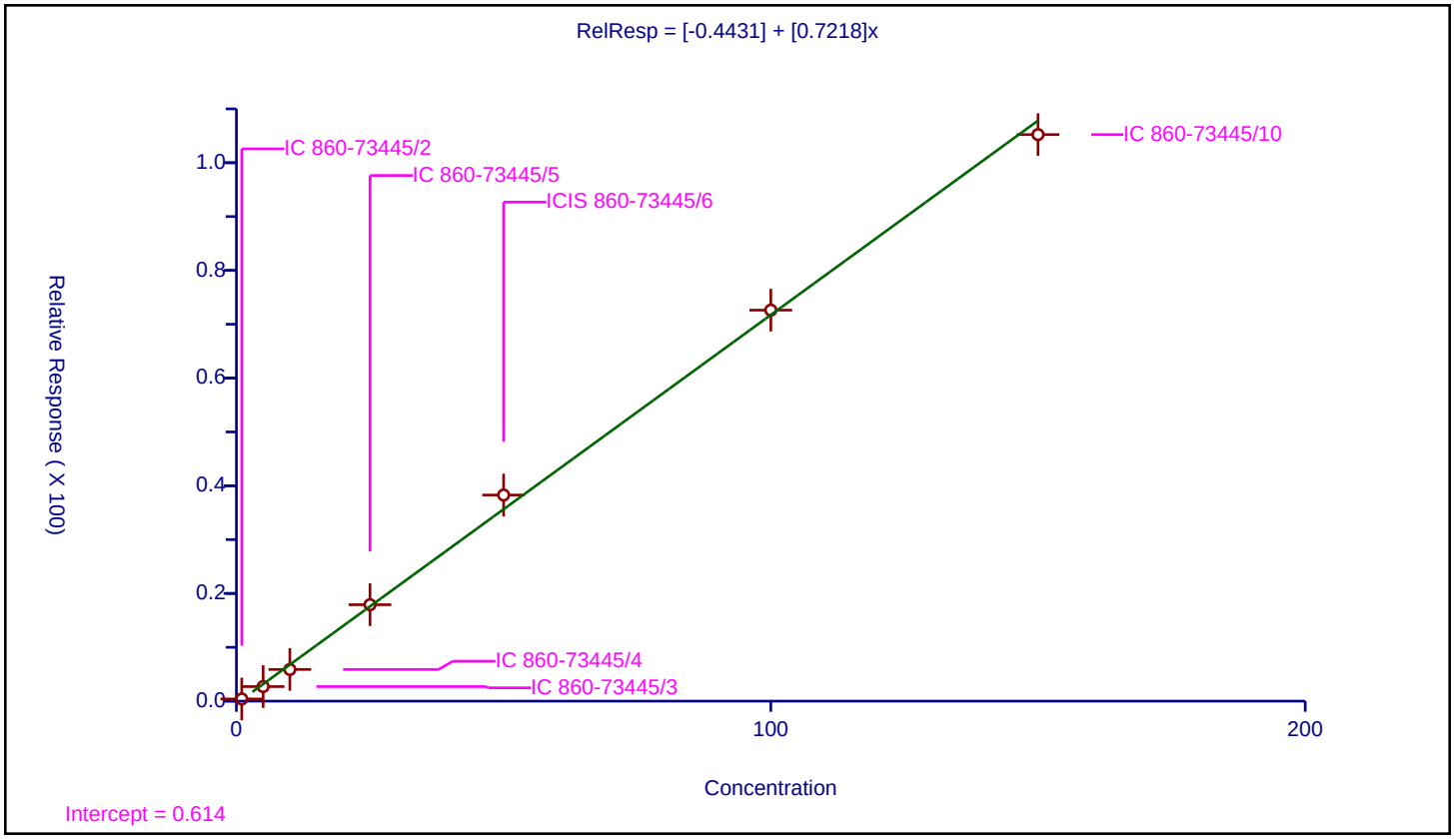
Curve Coefficients

Intercept:	-0.4431
Slope:	0.7218

Error Coefficients

Standard Error:	1240000
Relative Standard Error:	11.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	1.0	0.403592	50.0	868823.0	0.403592	Y
2	IC 860-73445/3	5.0	2.704986	50.0	872999.0	0.540997	Y
3	IC 860-73445/4	10.0	5.88271	50.0	905620.0	0.588271	Y
4	IC 860-73445/5	25.0	17.908311	50.0	951131.0	0.716332	Y
5	ICIS 860-73445/6	50.0	38.281163	50.0	983758.0	0.765623	Y
6	IC 860-73445/8	100.0	72.621625	50.0	1010007.0	0.726216	Y
7	IC 860-73445/10	150.0	105.224034	50.0	1048213.0	0.701494	Y



Calibration / Tert-amyl methyl ether

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

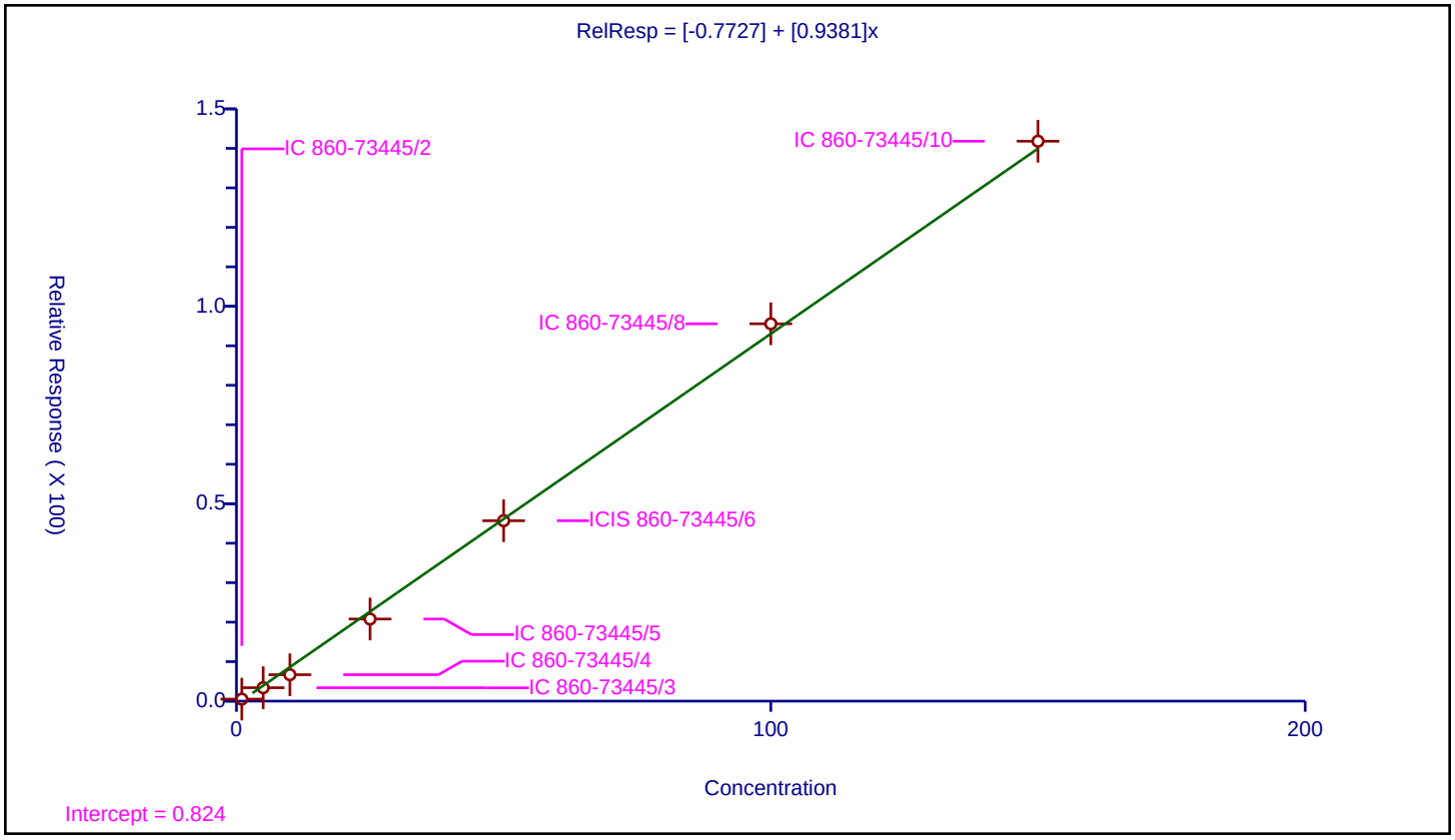
Curve Coefficients

Intercept:	-0.7727
Slope:	0.9381

Error Coefficients

Standard Error:	1650000
Relative Standard Error:	19.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	1.0	0.506778	50.0	868823.0	0.506778	Y
2	IC 860-73445/3	5.0	3.396854	50.0	872999.0	0.679371	Y
3	IC 860-73445/4	10.0	6.698284	50.0	905620.0	0.669828	Y
4	IC 860-73445/5	25.0	20.800657	50.0	951131.0	0.832026	Y
5	ICIS 860-73445/6	50.0	45.694063	50.0	983758.0	0.913881	Y
6	IC 860-73445/8	100.0	95.578843	50.0	1010007.0	0.955788	Y
7	IC 860-73445/10	150.0	141.816835	50.0	1048213.0	0.945446	Y



Calibration / n-Butanol

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

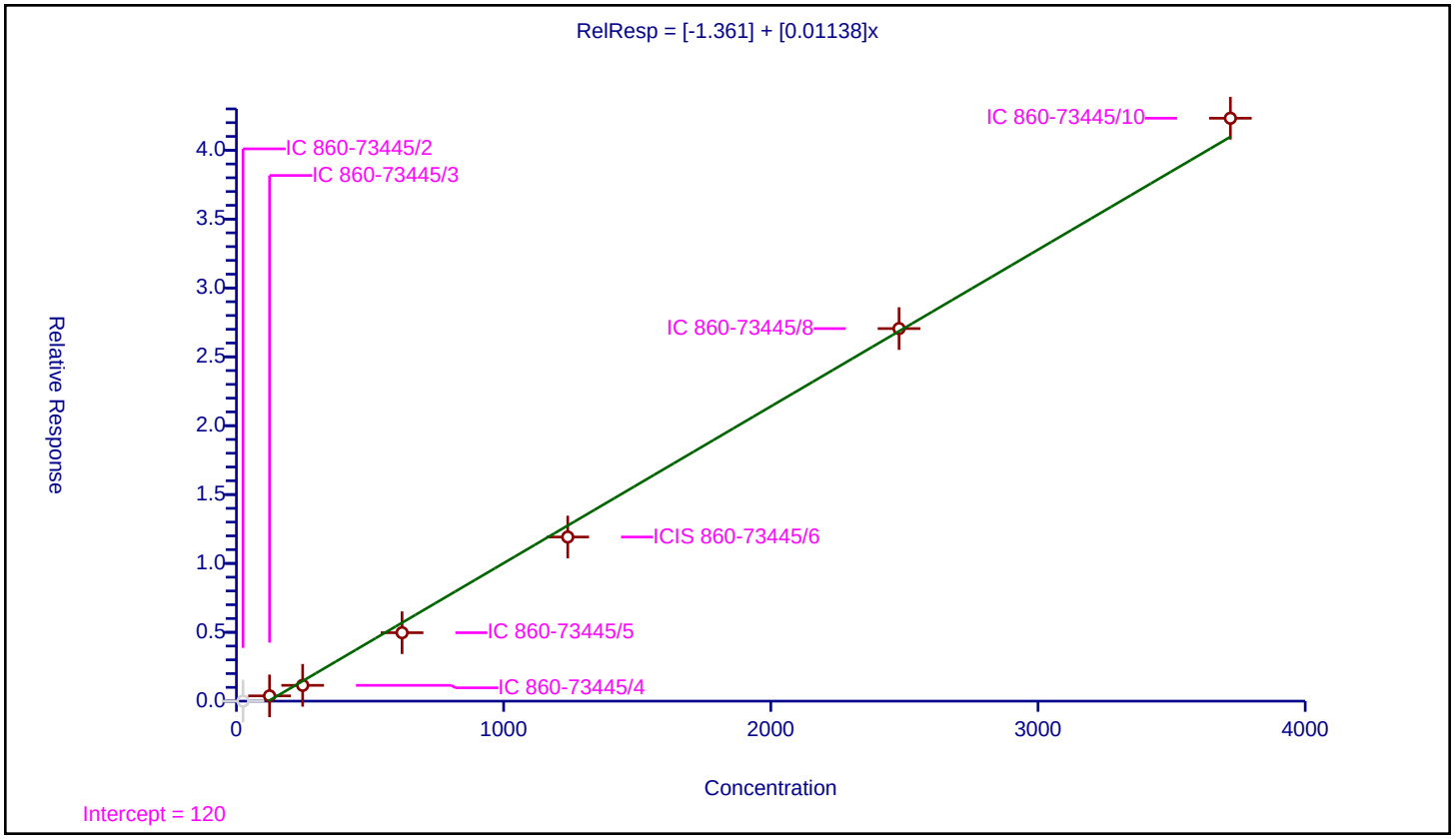
Curve Coefficients

Intercept:	-1.361
Slope:	0.01138

Error Coefficients

Standard Error:	536000
Relative Standard Error:	14.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	24.8	0.0	50.0	868823.0	0.0	N
2	IC 860-73445/3	124.0	0.380986	50.0	872999.0	0.003072	Y
3	IC 860-73445/4	248.0	1.148164	50.0	905620.0	0.00463	Y
4	IC 860-73445/5	620.0	4.968769	50.0	951131.0	0.008014	Y
5	ICIS 860-73445/6	1240.0	11.915837	50.0	983758.0	0.00961	Y
6	IC 860-73445/8	2480.0	27.050209	50.0	1010007.0	0.010907	Y
7	IC 860-73445/10	3720.0	42.321074	50.0	1048213.0	0.011377	Y



Calibration / Trichloroethene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

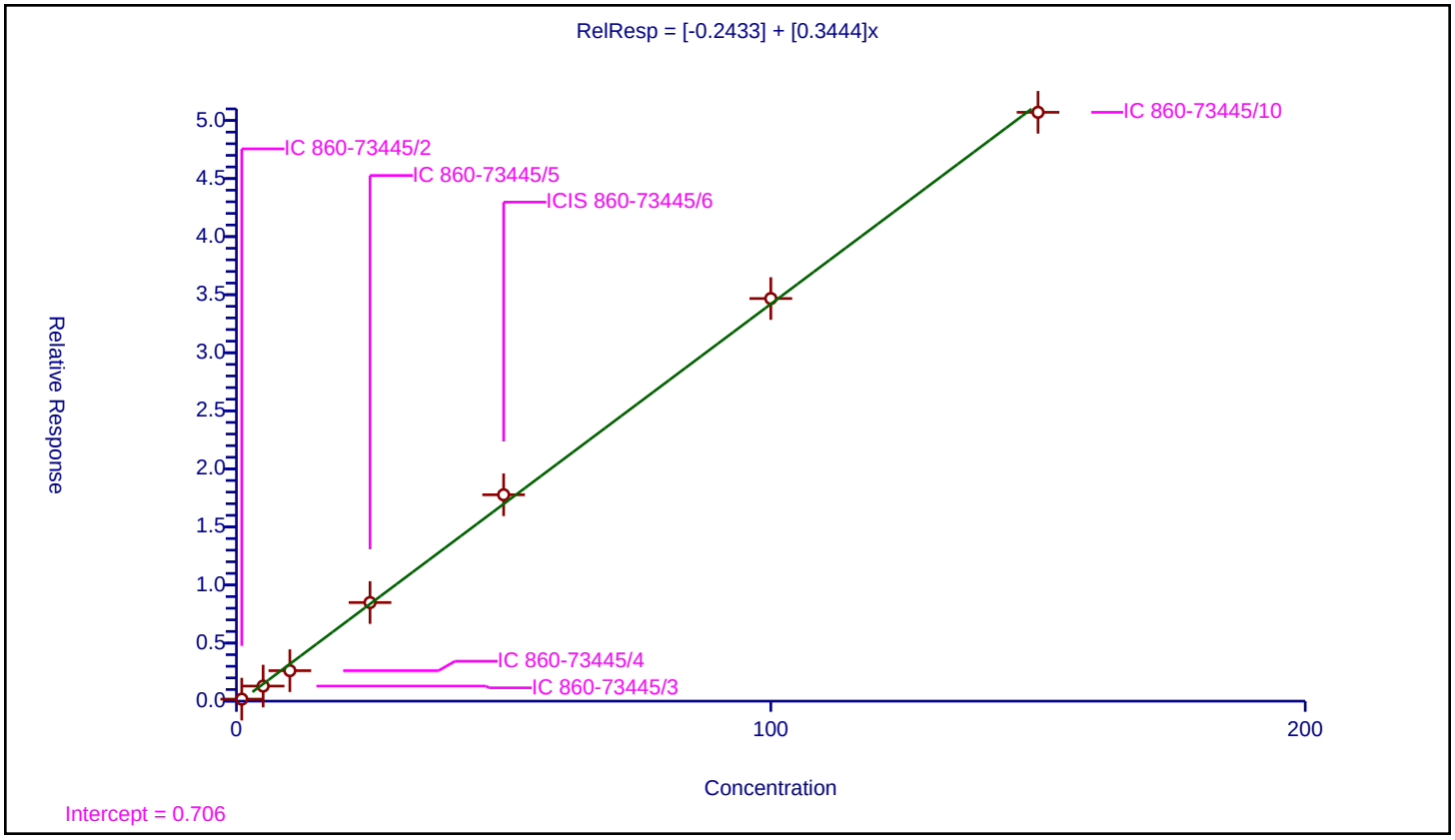
Curve Coefficients

Intercept:	-0.2433
Slope:	0.3444

Error Coefficients

Standard Error:	595000
Relative Standard Error:	13.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	1.0	0.174029	50.0	868823.0	0.174029	Y
2	IC 860-73445/3	5.0	1.297424	50.0	872999.0	0.259485	Y
3	IC 860-73445/4	10.0	2.625715	50.0	905620.0	0.262571	Y
4	IC 860-73445/5	25.0	8.490629	50.0	951131.0	0.339625	Y
5	ICIS 860-73445/6	50.0	17.770427	50.0	983758.0	0.355409	Y
6	IC 860-73445/8	100.0	34.670255	50.0	1010007.0	0.346703	Y
7	IC 860-73445/10	150.0	50.706536	50.0	1048213.0	0.338044	Y



Calibration / Methylcyclohexane

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

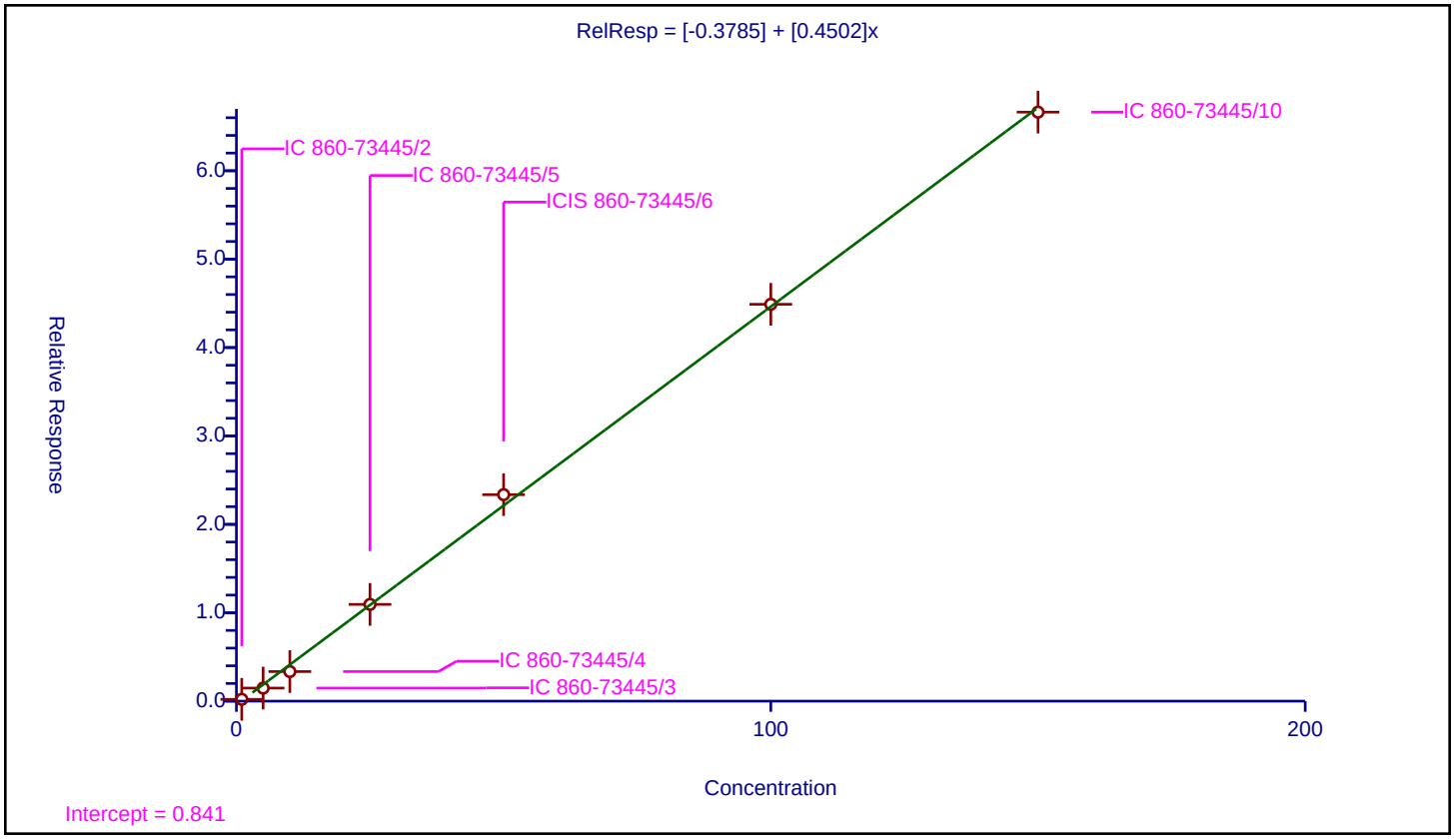
Curve Coefficients

Intercept:	-0.3785
Slope:	0.4502

Error Coefficients

Standard Error:	779000
Relative Standard Error:	17.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	1.0	0.202055	50.0	868823.0	0.202055	Y
2	IC 860-73445/3	5.0	1.476462	50.0	872999.0	0.295292	Y
3	IC 860-73445/4	10.0	3.345222	50.0	905620.0	0.334522	Y
4	IC 860-73445/5	25.0	10.945233	50.0	951131.0	0.437809	Y
5	ICIS 860-73445/6	50.0	23.359658	50.0	983758.0	0.467193	Y
6	IC 860-73445/8	100.0	44.896818	50.0	1010007.0	0.448968	Y
7	IC 860-73445/10	150.0	66.631353	50.0	1048213.0	0.444209	Y



Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

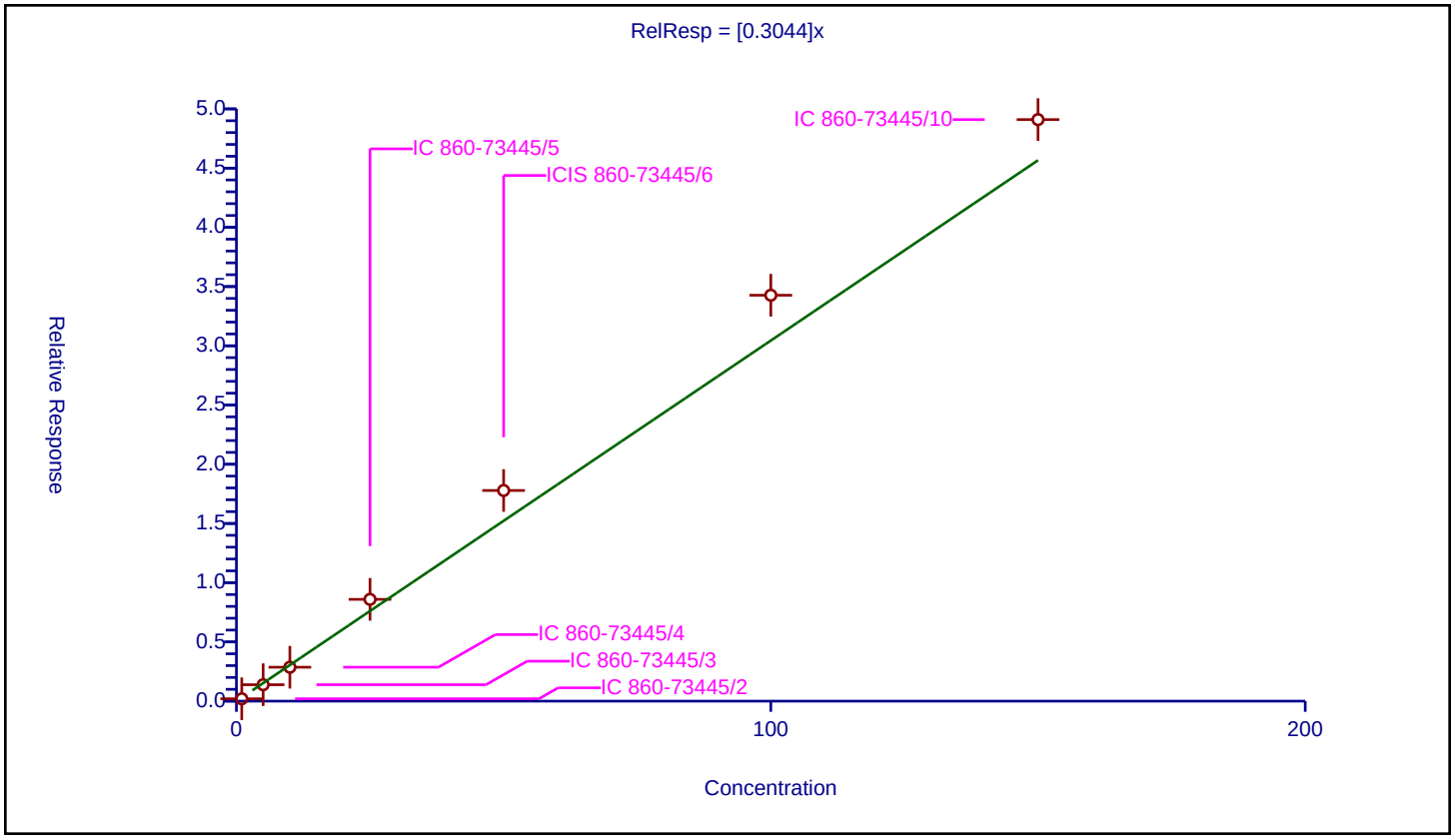
Curve Coefficients

Intercept:	0
Slope:	0.3044

Error Coefficients

Standard Error:	531000
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 860-73445/2	1.0	0.198027	50.0	868823.0	0.198027	Y
2	IC 860-73445/3	5.0	1.385168	50.0	872999.0	0.277034	Y
3	IC 860-73445/4	10.0	2.864502	50.0	905620.0	0.28645	Y
4	IC 860-73445/5	25.0	8.592139	50.0	951131.0	0.343686	Y
5	ICIS 860-73445/6	50.0	17.784353	50.0	983758.0	0.355687	Y
6	IC 860-73445/8	100.0	34.268277	50.0	1010007.0	0.342683	Y
7	IC 860-73445/10	150.0	49.096558	50.0	1048213.0	0.32731	Y



Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

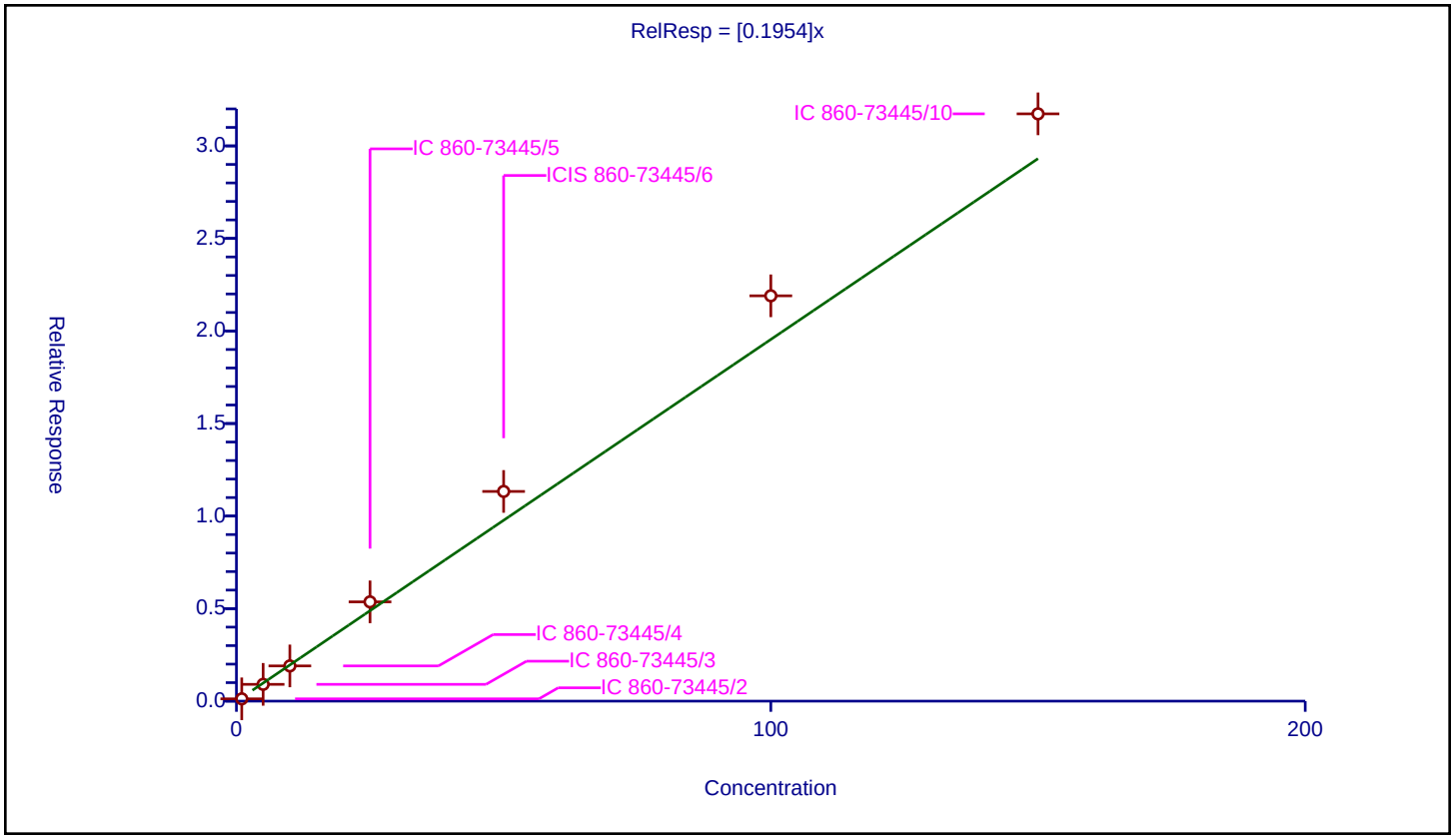
Curve Coefficients

Intercept:	0
Slope:	0.1954

Error Coefficients

Standard Error:	342000
Relative Standard Error:	18.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.969

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	1.0	0.124421	50.0	868823.0	0.124421	Y
2	IC 860-73445/3	5.0	0.907218	50.0	872999.0	0.181444	Y
3	IC 860-73445/4	10.0	1.903558	50.0	905620.0	0.190356	Y
4	IC 860-73445/5	25.0	5.36435	50.0	951131.0	0.214574	Y
5	ICIS 860-73445/6	50.0	11.331191	50.0	983758.0	0.226624	Y
6	IC 860-73445/8	100.0	21.900591	50.0	1010007.0	0.219006	Y
7	IC 860-73445/10	150.0	31.733007	50.0	1048213.0	0.211553	Y



Calibration / Methyl methacrylate

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

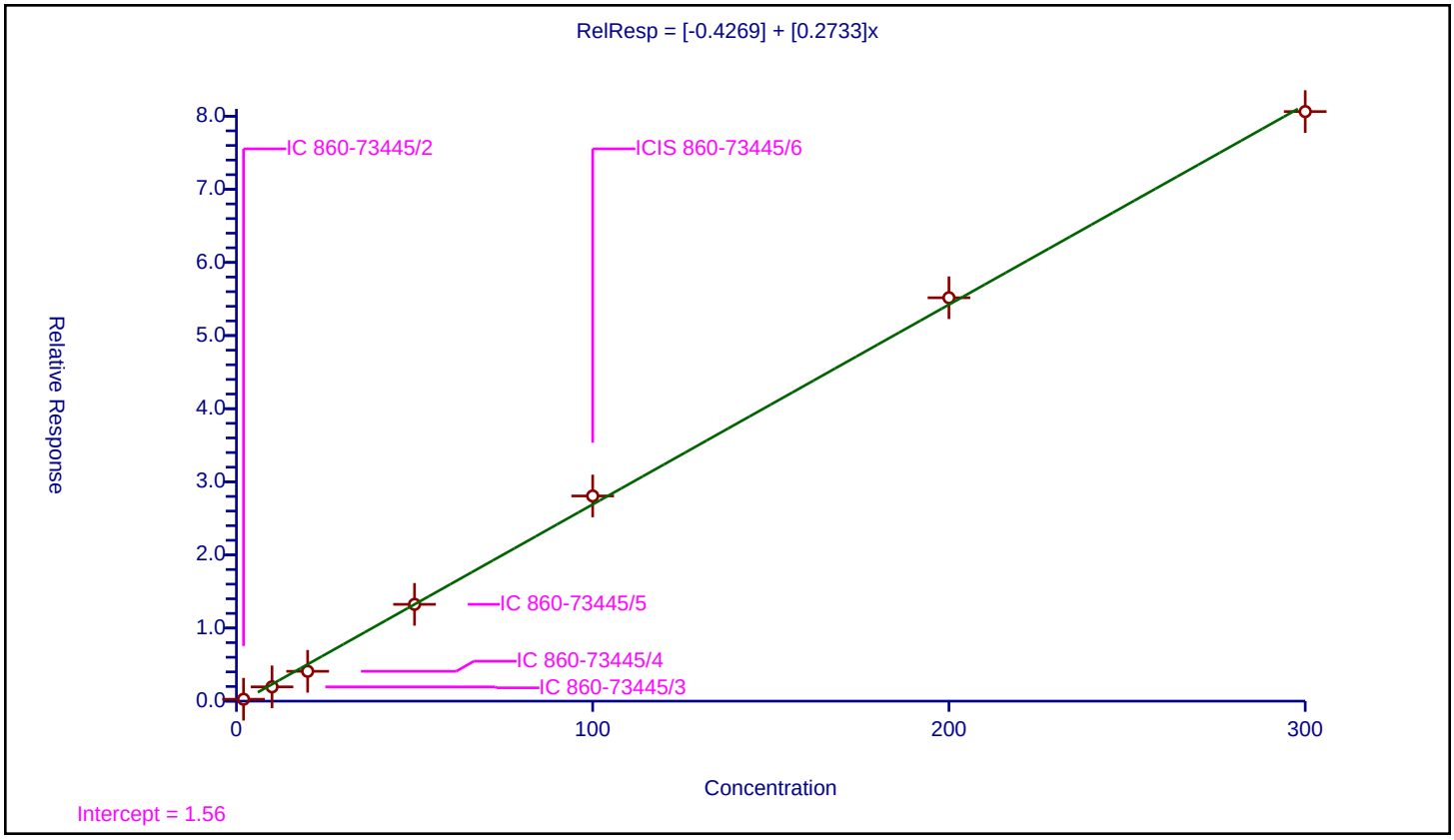
Curve Coefficients

Intercept:	-0.4269
Slope:	0.2733

Error Coefficients

Standard Error:	946000
Relative Standard Error:	15.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	2.0	0.259374	50.0	868823.0	0.129687	Y
2	IC 860-73445/3	10.0	1.954298	50.0	872999.0	0.19543	Y
3	IC 860-73445/4	20.0	4.081458	50.0	905620.0	0.204073	Y
4	IC 860-73445/5	50.0	13.237504	50.0	951131.0	0.26475	Y
5	ICIS 860-73445/6	100.0	28.059492	50.0	983758.0	0.280595	Y
6	IC 860-73445/8	200.0	55.171251	50.0	1010007.0	0.275856	Y
7	IC 860-73445/10	300.0	80.633039	50.0	1048213.0	0.268777	Y



Calibration / 1,4-Dioxane

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

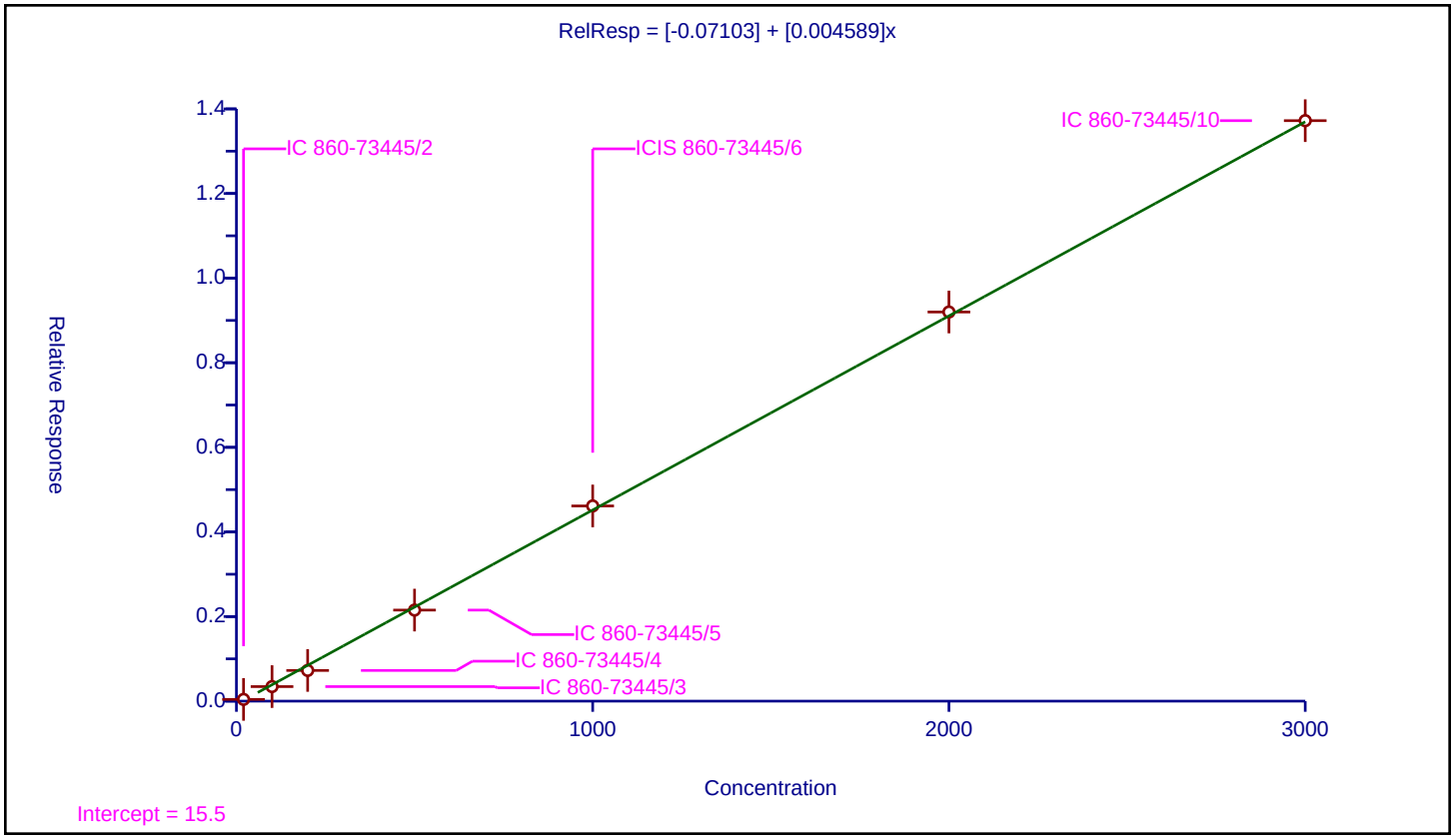
Curve Coefficients

Intercept:	-0.07103
Slope:	0.004589

Error Coefficients

Standard Error:	160000
Relative Standard Error:	12.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	20.0	0.041378	50.0	868823.0	0.002069	Y
2	IC 860-73445/3	100.0	0.344273	50.0	872999.0	0.003443	Y
3	IC 860-73445/4	200.0	0.725691	50.0	905620.0	0.003628	Y
4	IC 860-73445/5	500.0	2.152437	50.0	951131.0	0.004305	Y
5	ICIS 860-73445/6	1000.0	4.614295	50.0	983758.0	0.004614	Y
6	IC 860-73445/8	2000.0	9.198451	50.0	1010007.0	0.004599	Y
7	IC 860-73445/10	3000.0	13.721877	50.0	1048213.0	0.004574	Y



Calibration / Dichlorobromomethane

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

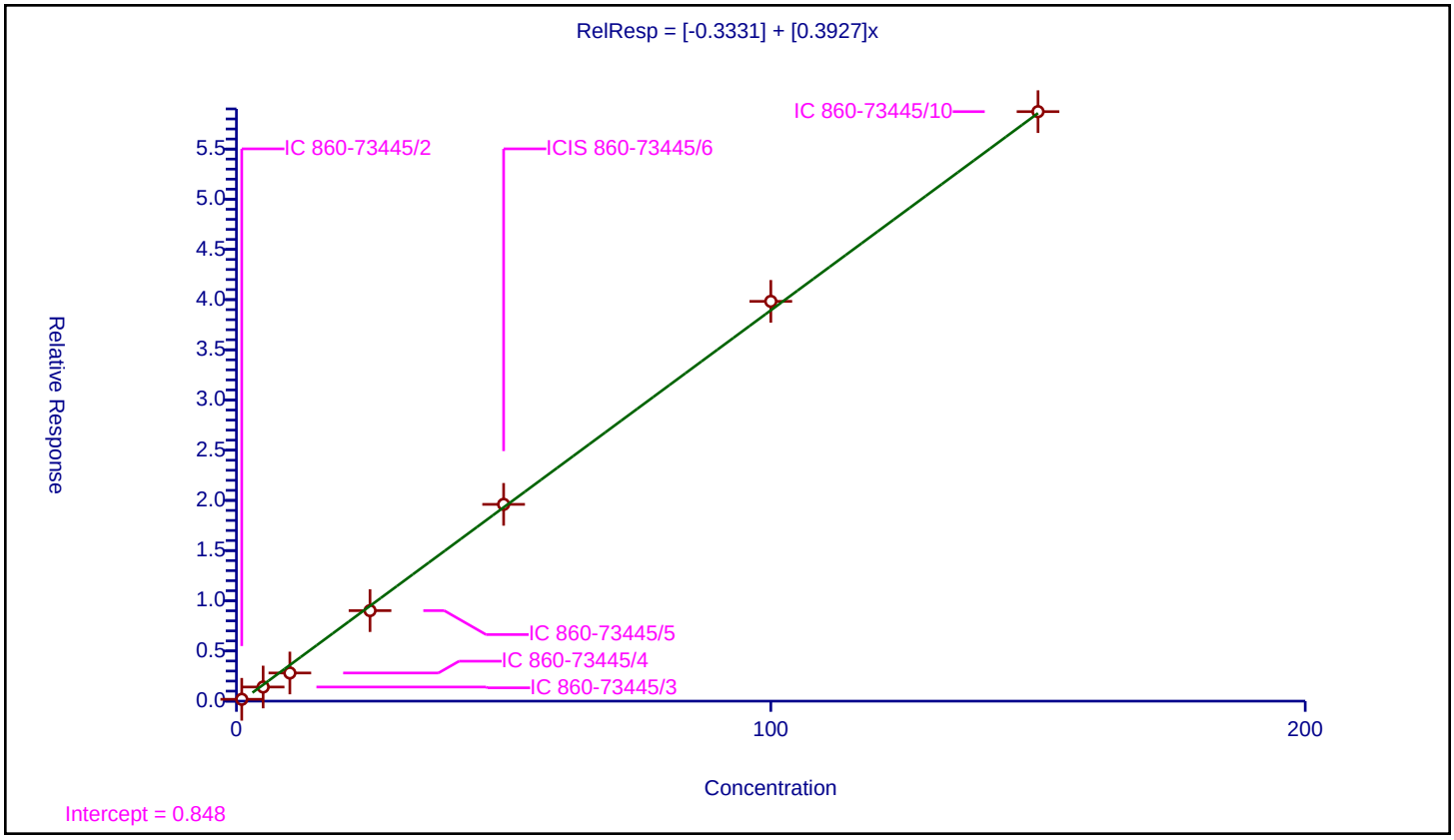
Curve Coefficients

Intercept:	-0.3331
Slope:	0.3927

Error Coefficients

Standard Error:	685000
Relative Standard Error:	17.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	1.0	0.185308	50.0	868823.0	0.185308	Y
2	IC 860-73445/3	5.0	1.408535	50.0	872999.0	0.281707	Y
3	IC 860-73445/4	10.0	2.806972	50.0	905620.0	0.280697	Y
4	IC 860-73445/5	25.0	9.01716	50.0	951131.0	0.360686	Y
5	ICIS 860-73445/6	50.0	19.604517	50.0	983758.0	0.39209	Y
6	IC 860-73445/8	100.0	39.82809	50.0	1010007.0	0.398281	Y
7	IC 860-73445/10	150.0	58.72752	50.0	1048213.0	0.391517	Y



Calibration / 2-Nitropropane

Curve Type:	Quadratic
Weighting:	None
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

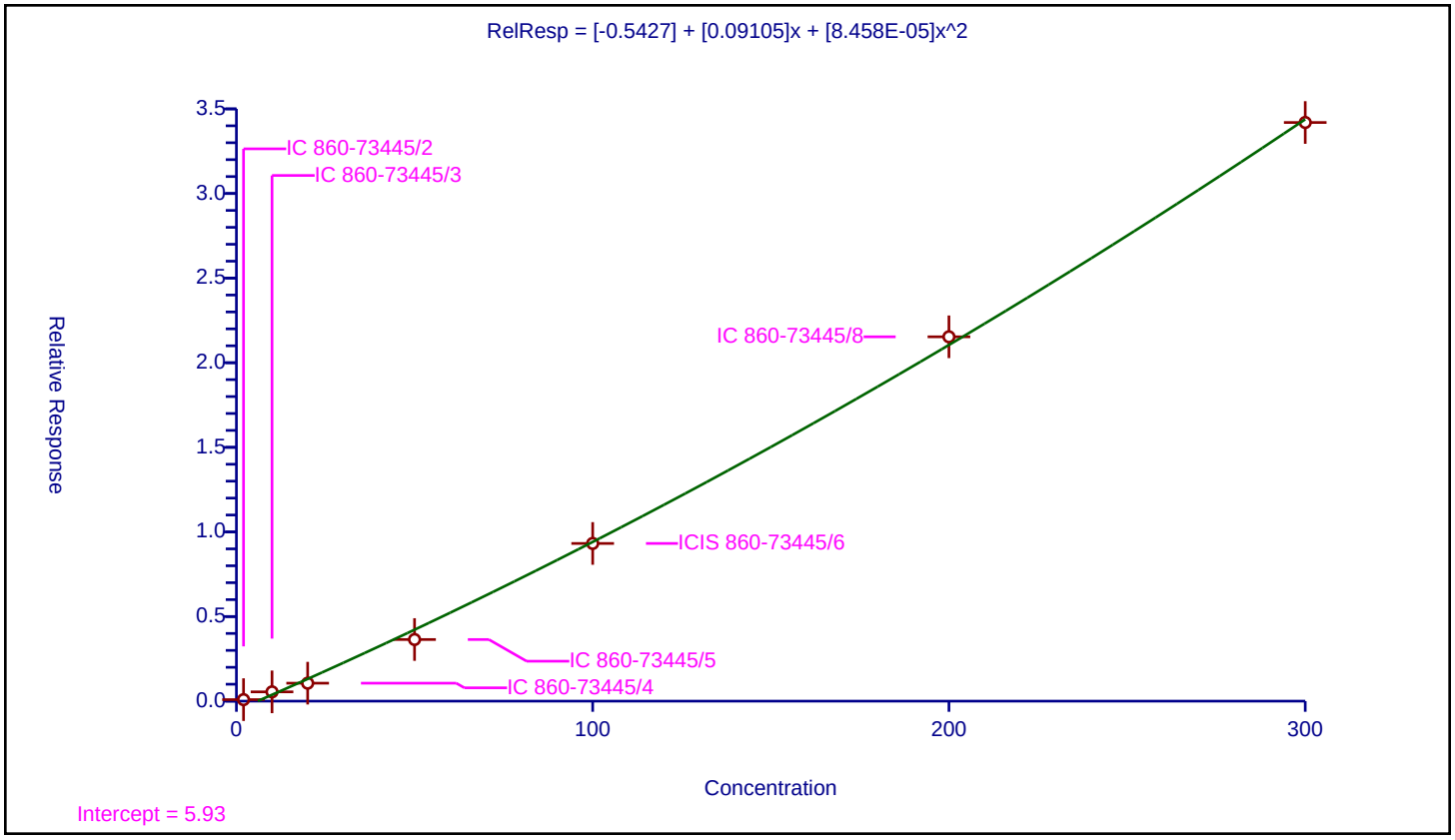
Curve Coefficients

Intercept:	-0.5427
Slope:	0.09105
Second Order:	8.458E-05

Error Coefficients

Standard Error:	378000
Relative Standard Error:	123.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	2.0	0.08969	50.0	710778.0	0.044845	Y
2	IC 860-73445/3	10.0	0.549126	50.0	718778.0	0.054913	Y
3	IC 860-73445/4	20.0	1.062413	50.0	769663.0	0.053121	Y
4	IC 860-73445/5	50.0	3.641725	50.0	817003.0	0.072834	Y
5	ICIS 860-73445/6	100.0	9.31935	50.0	863483.0	0.093193	Y
6	IC 860-73445/8	200.0	21.531603	50.0	892653.0	0.107658	Y
7	IC 860-73445/10	300.0	34.195885	50.0	917704.0	0.113986	Y



Calibration / 2-Chloroethyl vinyl ether

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

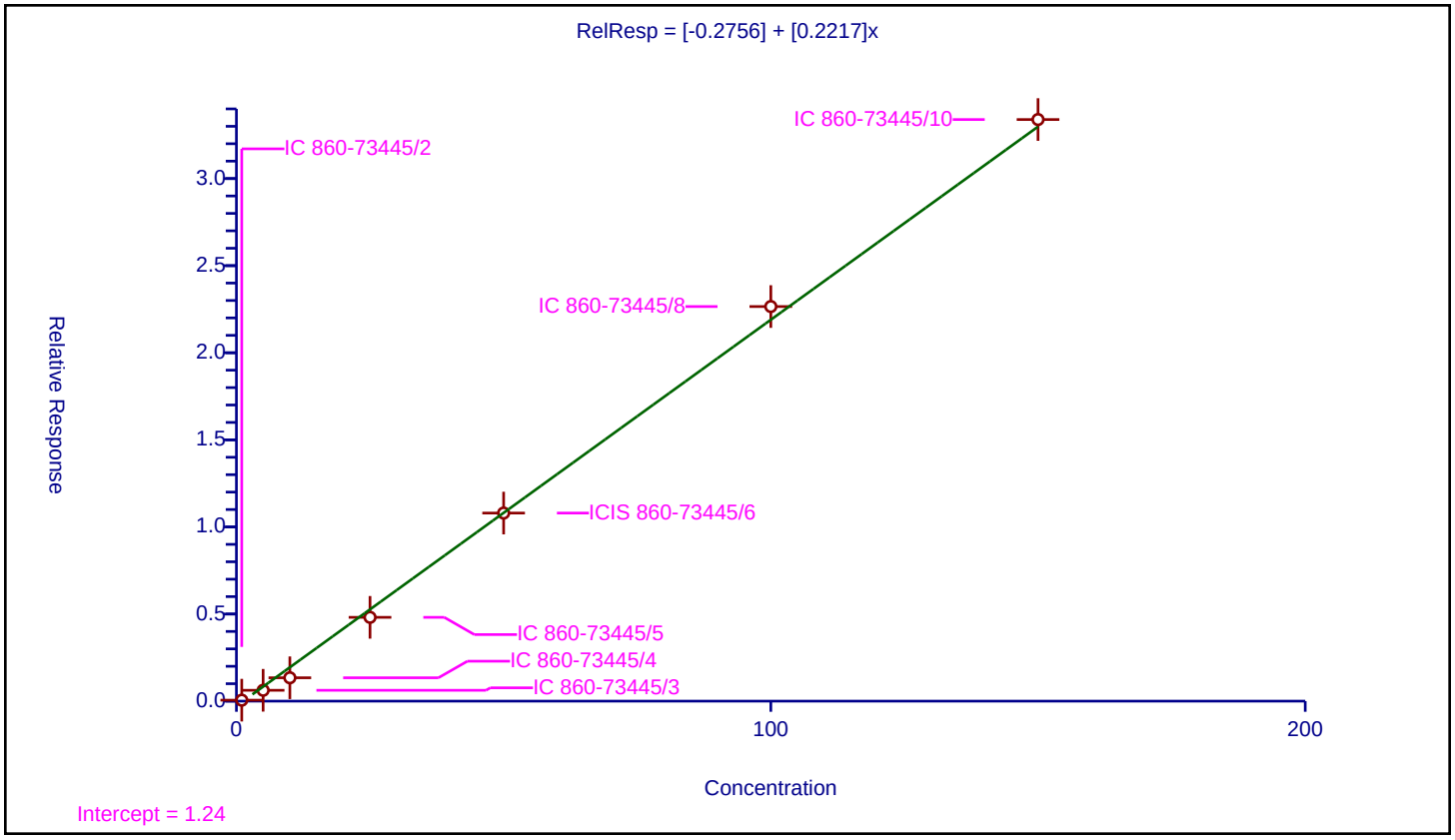
Curve Coefficients

Intercept:	-0.2756
Slope:	0.2217

Error Coefficients

Standard Error:	388000
Relative Standard Error:	26.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	1.0	0.056053	50.0	868823.0	0.056053	Y
2	IC 860-73445/3	5.0	0.623655	50.0	872999.0	0.124731	Y
3	IC 860-73445/4	10.0	1.341678	50.0	905620.0	0.134168	Y
4	IC 860-73445/5	25.0	4.810904	50.0	951131.0	0.192436	Y
5	ICIS 860-73445/6	50.0	10.79732	50.0	983758.0	0.215946	Y
6	IC 860-73445/8	100.0	22.653358	50.0	1010007.0	0.226534	Y
7	IC 860-73445/10	150.0	33.388252	50.0	1048213.0	0.222588	Y



Calibration / Epichlorohydrin

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

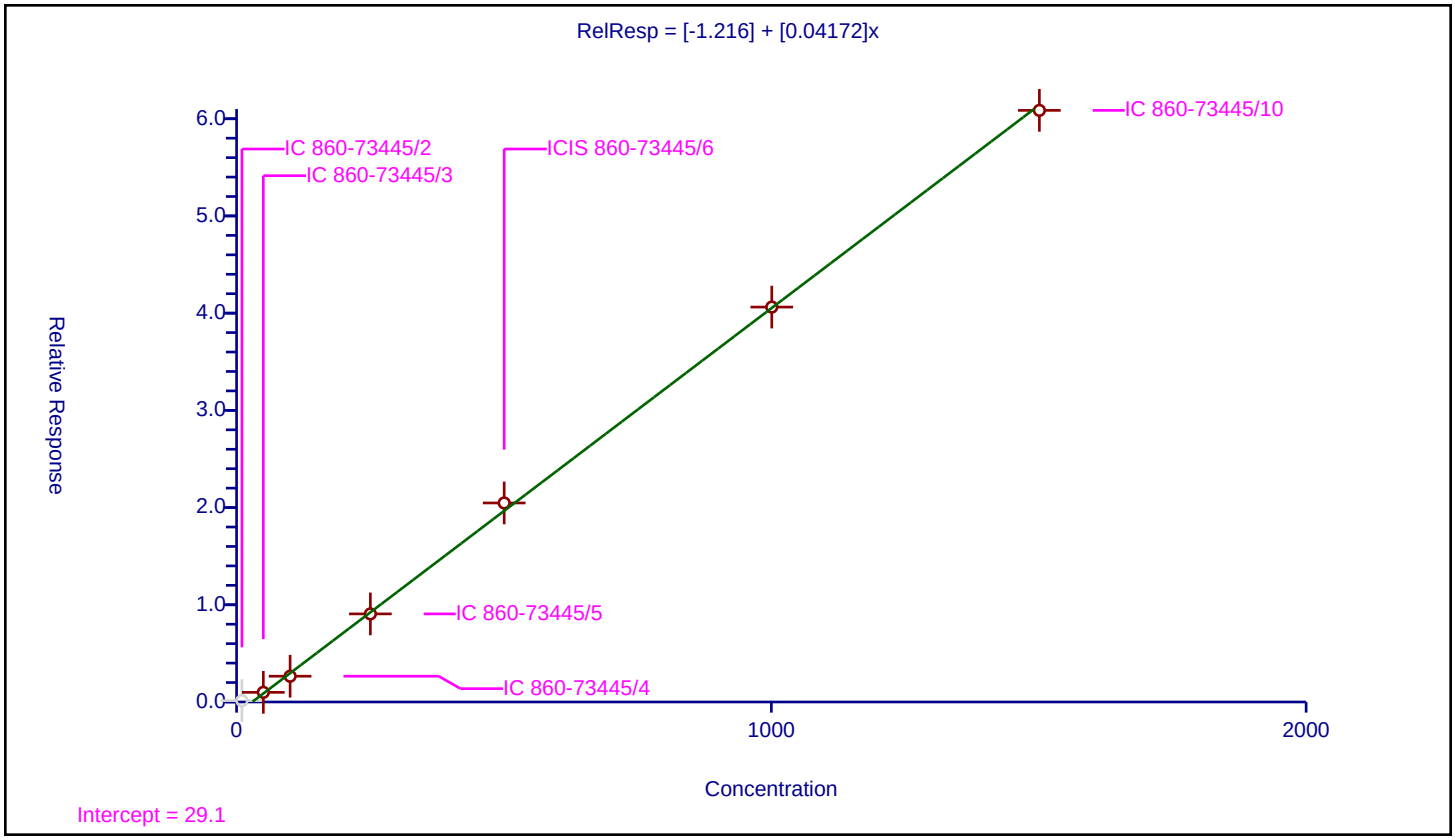
Curve Coefficients

Intercept:	-1.216
Slope:	0.04172

Error Coefficients

Standard Error:	790000
Relative Standard Error:	5.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	10.00818	0.13783	50.0	868823.0	0.013772	N
2	IC 860-73445/3	50.0409	0.991181	50.0	872999.0	0.019807	Y
3	IC 860-73445/4	100.0818	2.650505	50.0	905620.0	0.026483	Y
4	IC 860-73445/5	250.2045	9.061212	50.0	951131.0	0.036215	Y
5	ICIS 860-73445/6	500.409	20.47348	50.0	983758.0	0.040913	Y
6	IC 860-73445/8	1000.818	40.625362	50.0	1010007.0	0.040592	Y
7	IC 860-73445/10	1501.227	60.860865	50.0	1048213.0	0.040541	Y



Calibration / cis-1,3-Dichloropropene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

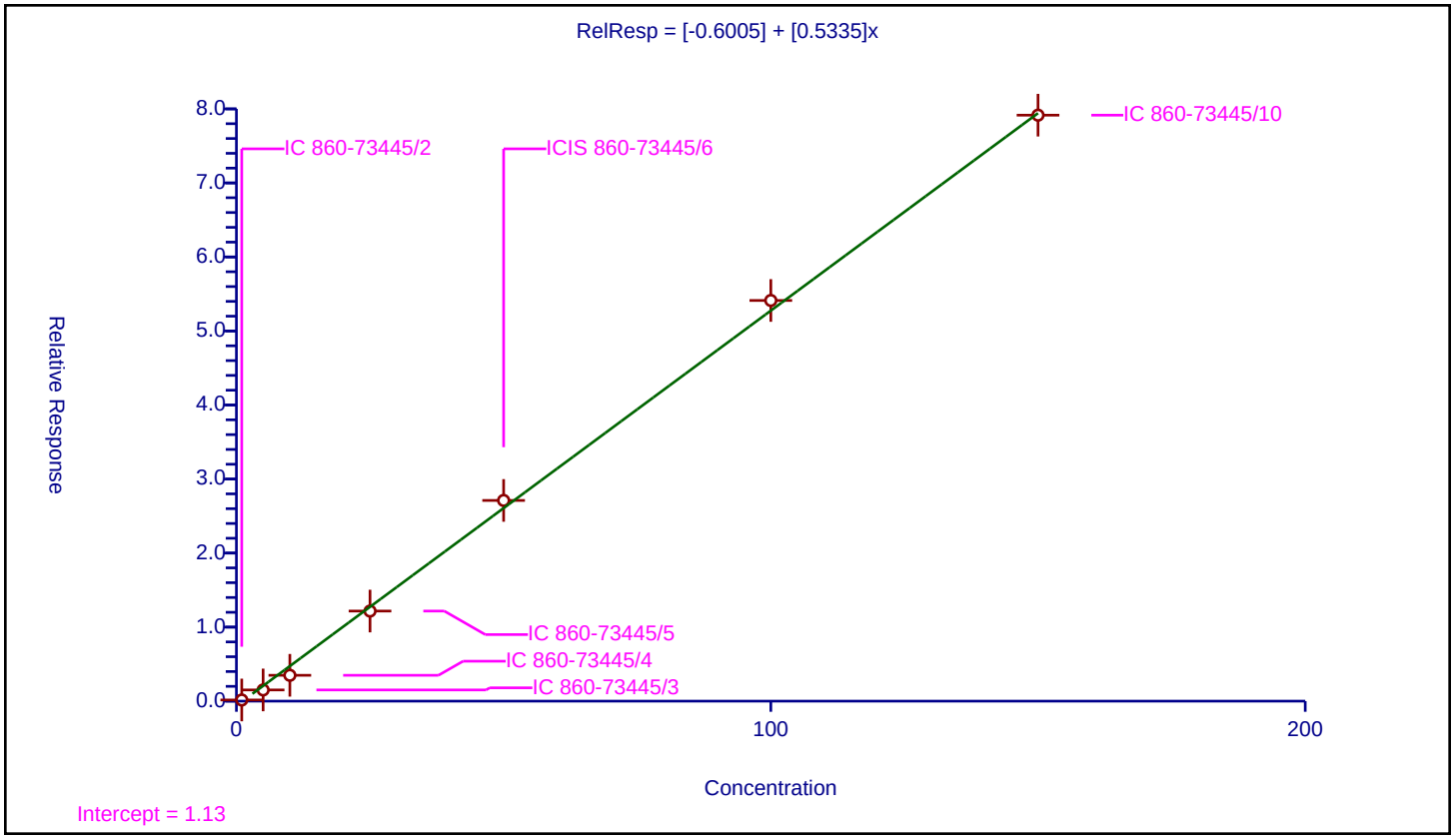
Curve Coefficients

Intercept:	-0.6005
Slope:	0.5335

Error Coefficients

Standard Error:	926000
Relative Standard Error:	23.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	1.0	0.15826	50.0	868823.0	0.15826	Y
2	IC 860-73445/3	5.0	1.512831	50.0	872999.0	0.302566	Y
3	IC 860-73445/4	10.0	3.489874	50.0	905620.0	0.348987	Y
4	IC 860-73445/5	25.0	12.16804	50.0	951131.0	0.486722	Y
5	ICIS 860-73445/6	50.0	27.110072	50.0	983758.0	0.542201	Y
6	IC 860-73445/8	100.0	54.123387	50.0	1010007.0	0.541234	Y
7	IC 860-73445/10	150.0	79.149896	50.0	1048213.0	0.527666	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

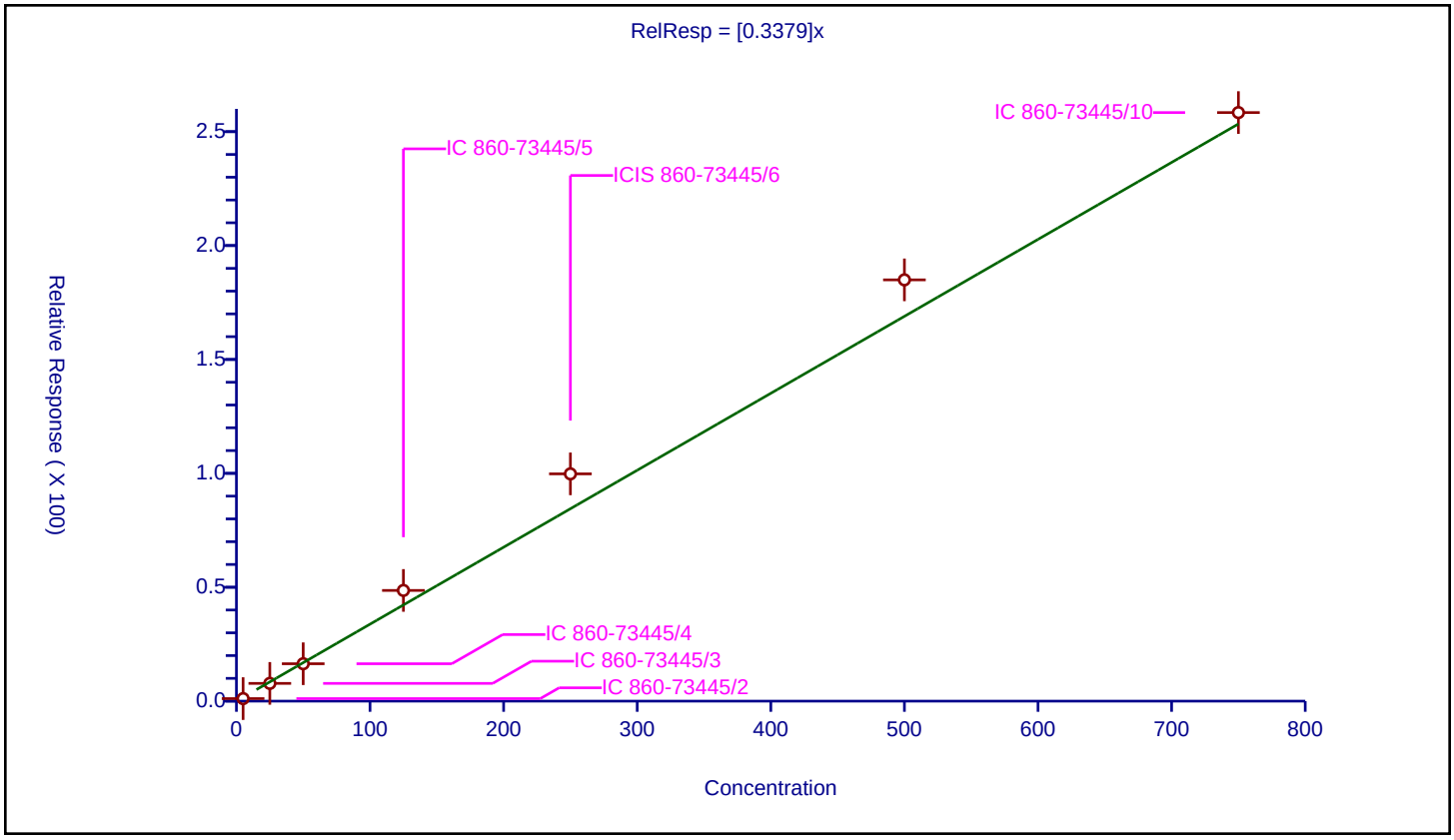
Curve Coefficients

Intercept:	0
Slope:	0.3379

Error Coefficients

Standard Error:	2830000
Relative Standard Error:	17.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.970

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	5.0	1.112597	50.0	868823.0	0.222519	Y
2	IC 860-73445/3	25.0	7.791361	50.0	872999.0	0.311654	Y
3	IC 860-73445/4	50.0	16.425046	50.0	905620.0	0.328501	Y
4	IC 860-73445/5	125.0	48.605082	50.0	951131.0	0.388841	Y
5	ICIS 860-73445/6	250.0	99.77525	50.0	983758.0	0.399101	Y
6	IC 860-73445/8	500.0	184.947629	50.0	1010007.0	0.369895	Y
7	IC 860-73445/10	750.0	258.384365	50.0	1048213.0	0.344512	Y



Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

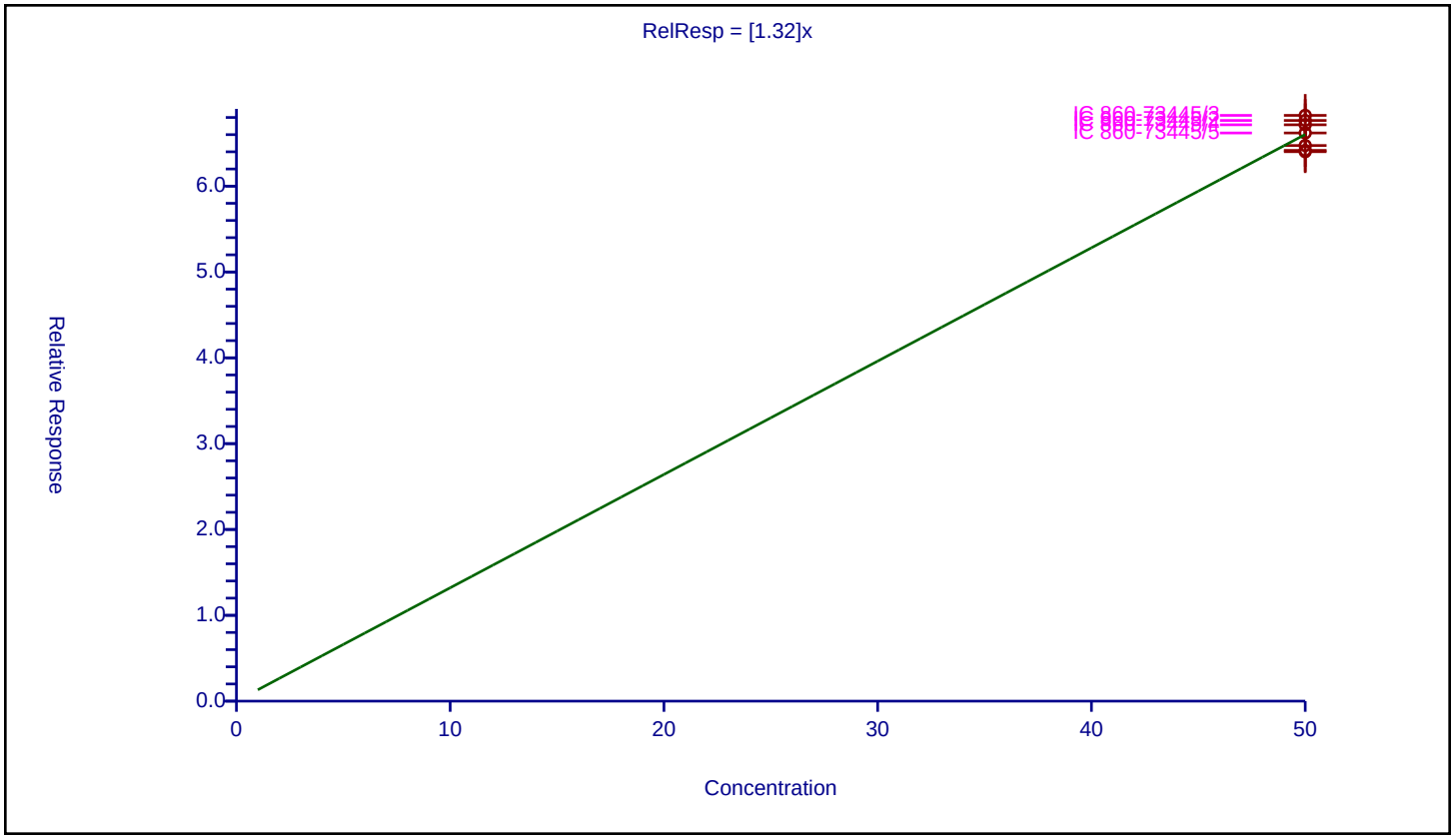
Curve Coefficients

Intercept:	0
Slope:	1.32

Error Coefficients

Standard Error:	1160000
Relative Standard Error:	2.6
Correlation Coefficient:	0.00000000000000000000
Coefficient of Determination (Adjusted):	0.000000000000000333

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	50.0	67.64883	50.0	710778.0	1.352977	Y
2	IC 860-73445/3	50.0	68.242628	50.0	718778.0	1.364853	Y
3	IC 860-73445/4	50.0	67.147765	50.0	769663.0	1.342955	Y
4	IC 860-73445/5	50.0	66.194555	50.0	817003.0	1.323891	Y
5	ICIS 860-73445/6	50.0	64.734511	50.0	863483.0	1.29469	Y
6	IC 860-73445/8	50.0	64.014964	50.0	892653.0	1.280299	Y
7	IC 860-73445/10	50.0	64.162737	50.0	917704.0	1.283255	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

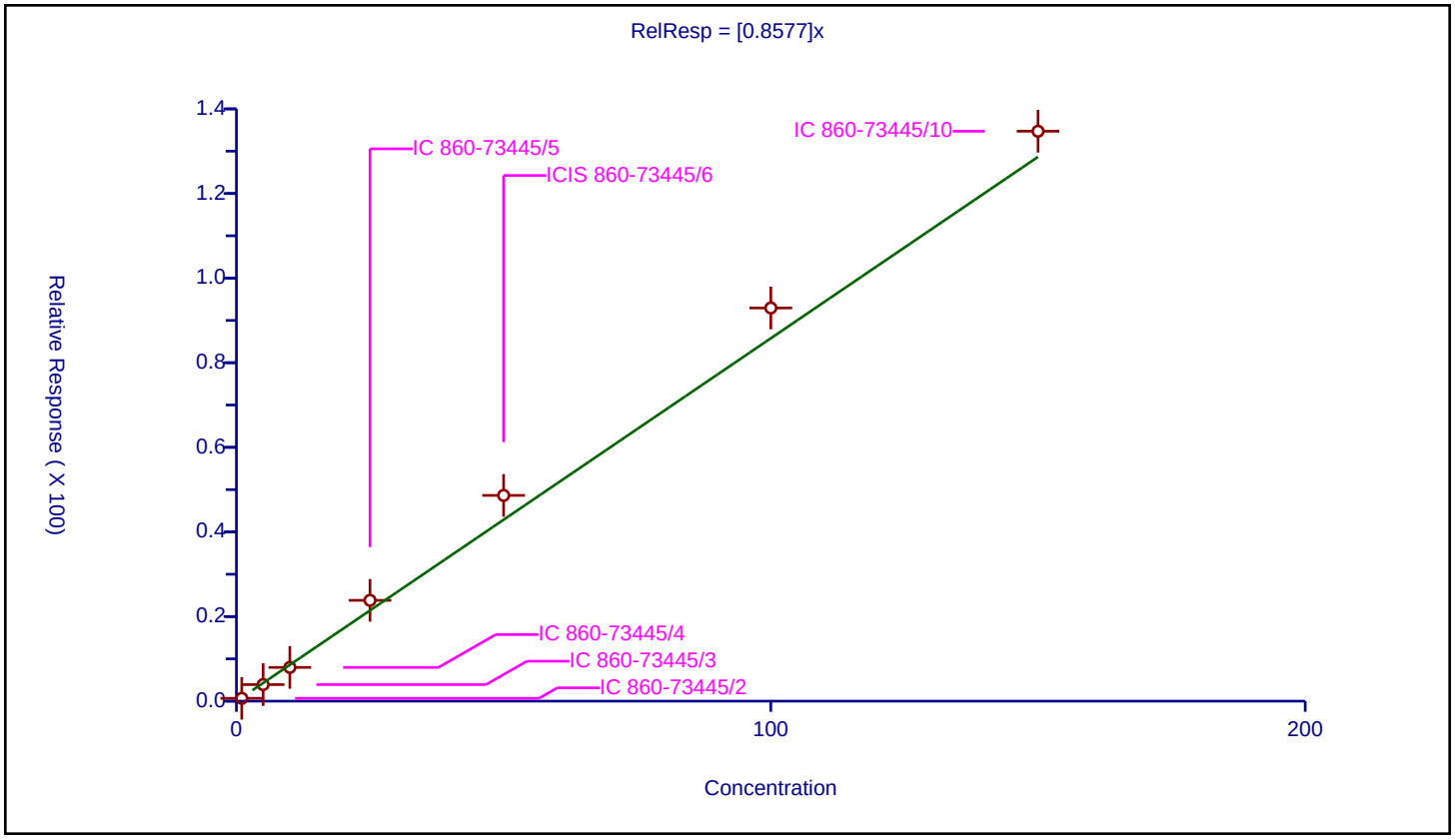
Curve Coefficients

Intercept:	0
Slope:	0.8577

Error Coefficients

Standard Error:	1270000
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 860-73445/2	1.0	0.670744	50.0	710778.0	0.670744	Y
2	IC 860-73445/3	5.0	3.910317	50.0	718778.0	0.782063	Y
3	IC 860-73445/4	10.0	7.976803	50.0	769663.0	0.79768	Y
4	IC 860-73445/5	25.0	23.834307	50.0	817003.0	0.953372	Y
5	ICIS 860-73445/6	50.0	48.635468	50.0	863483.0	0.972709	Y
6	IC 860-73445/8	100.0	92.939978	50.0	892653.0	0.9294	Y
7	IC 860-73445/10	150.0	134.716423	50.0	917704.0	0.898109	Y



Calibration / trans-1,3-Dichloropropene

Curve Type:	Quadratic
Weighting:	None
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

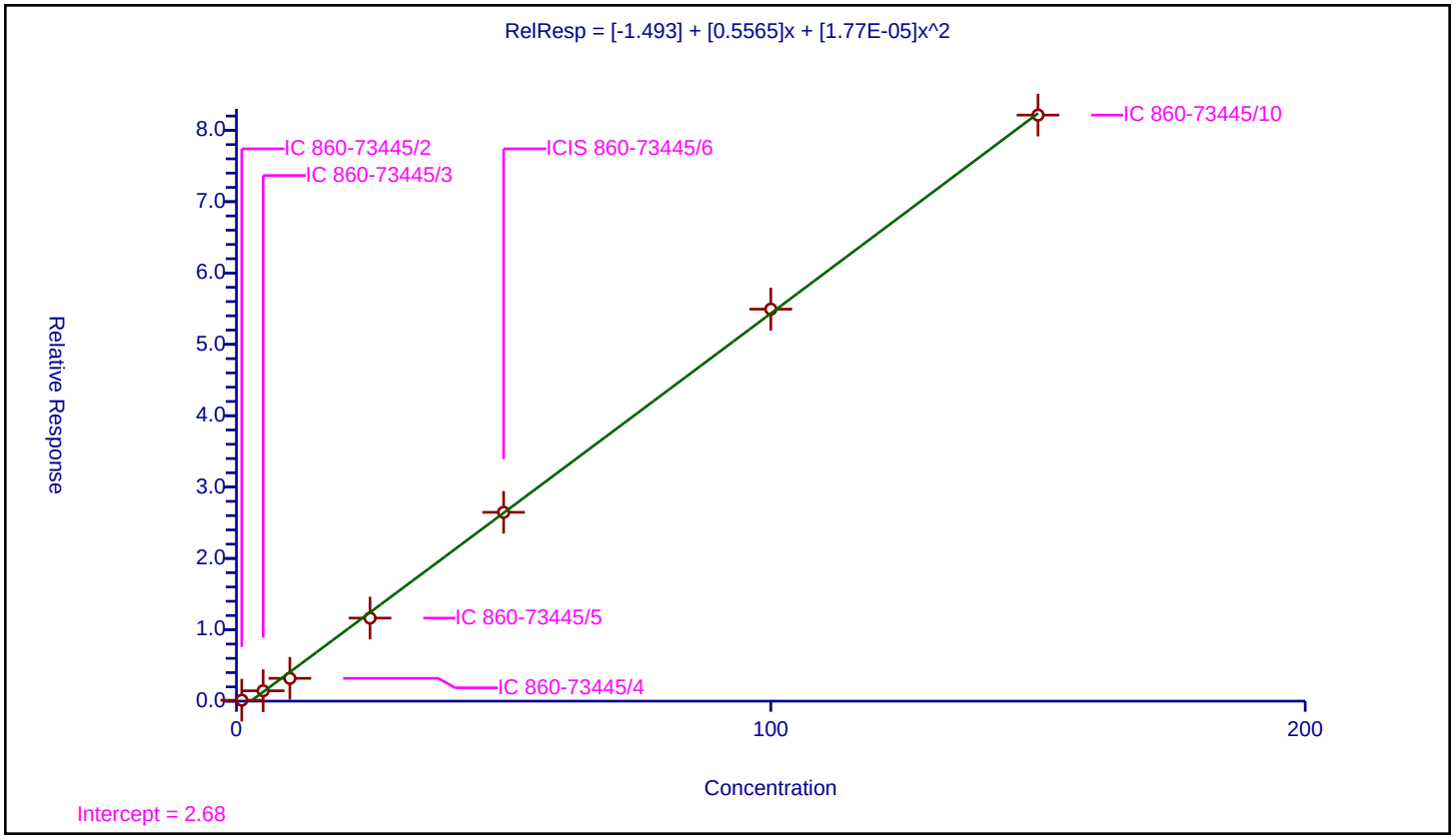
Curve Coefficients

Intercept:	-1.493
Slope:	0.5565
Second Order:	1.77E-05

Error Coefficients

Standard Error:	933000
Relative Standard Error:	96.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	1.0	0.134008	50.0	710778.0	0.134008	Y
2	IC 860-73445/3	5.0	1.451213	50.0	718778.0	0.290243	Y
3	IC 860-73445/4	10.0	3.198153	50.0	769663.0	0.319815	Y
4	IC 860-73445/5	25.0	11.639431	50.0	817003.0	0.465577	Y
5	ICIS 860-73445/6	50.0	26.462073	50.0	863483.0	0.529241	Y
6	IC 860-73445/8	100.0	54.935064	50.0	892653.0	0.549351	Y
7	IC 860-73445/10	150.0	82.133128	50.0	917704.0	0.547554	Y



Calibration / Ethyl methacrylate

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

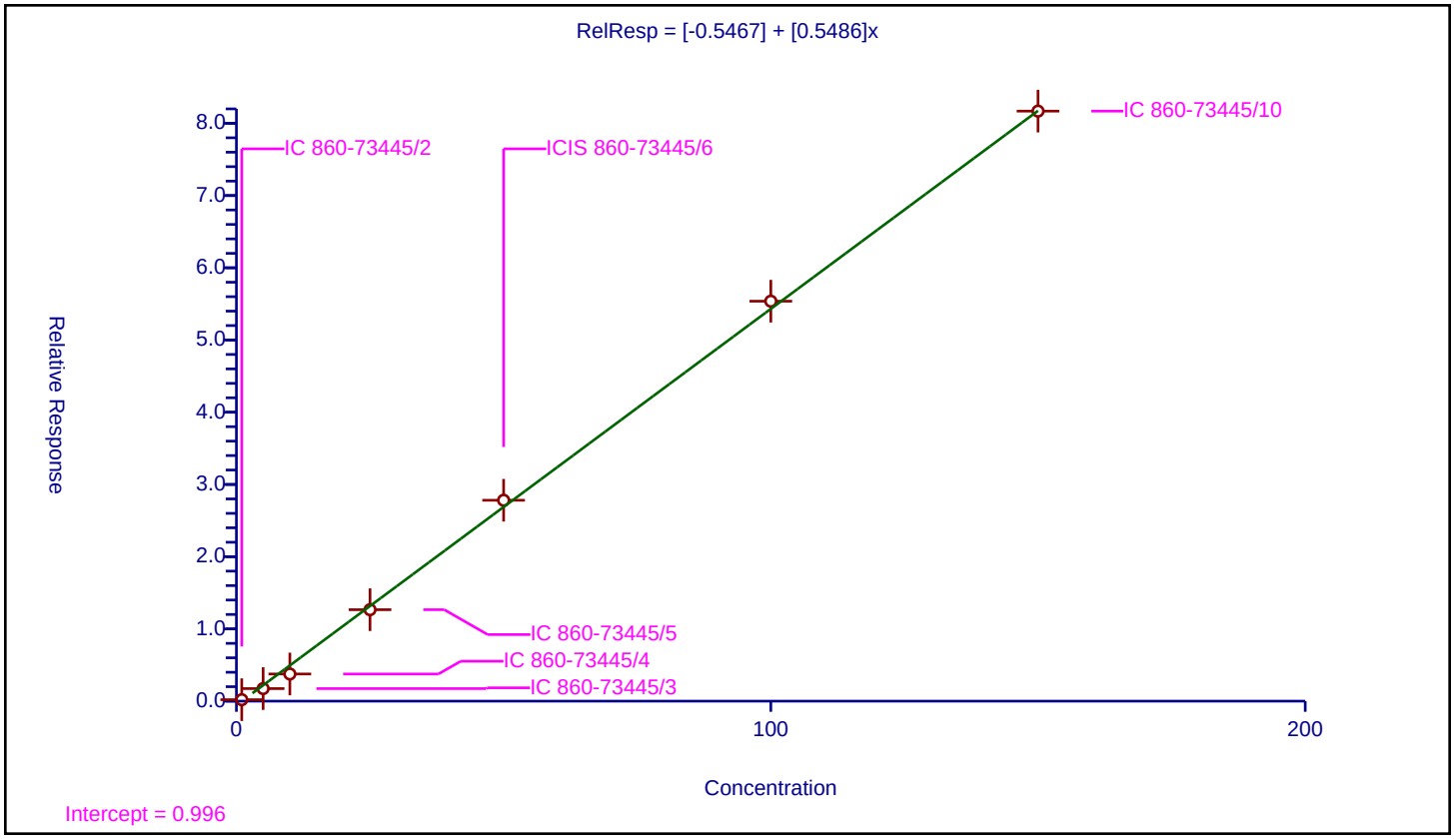
Curve Coefficients

Intercept:	-0.5467
Slope:	0.5486

Error Coefficients

Standard Error:	837000
Relative Standard Error:	20.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	1.0	0.202736	50.0	710778.0	0.202736	Y
2	IC 860-73445/3	5.0	1.738715	50.0	718778.0	0.347743	Y
3	IC 860-73445/4	10.0	3.759503	50.0	769663.0	0.37595	Y
4	IC 860-73445/5	25.0	12.663111	50.0	817003.0	0.506524	Y
5	ICIS 860-73445/6	50.0	27.812418	50.0	863483.0	0.556248	Y
6	IC 860-73445/8	100.0	55.376277	50.0	892653.0	0.553763	Y
7	IC 860-73445/10	150.0	81.689357	50.0	917704.0	0.544596	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

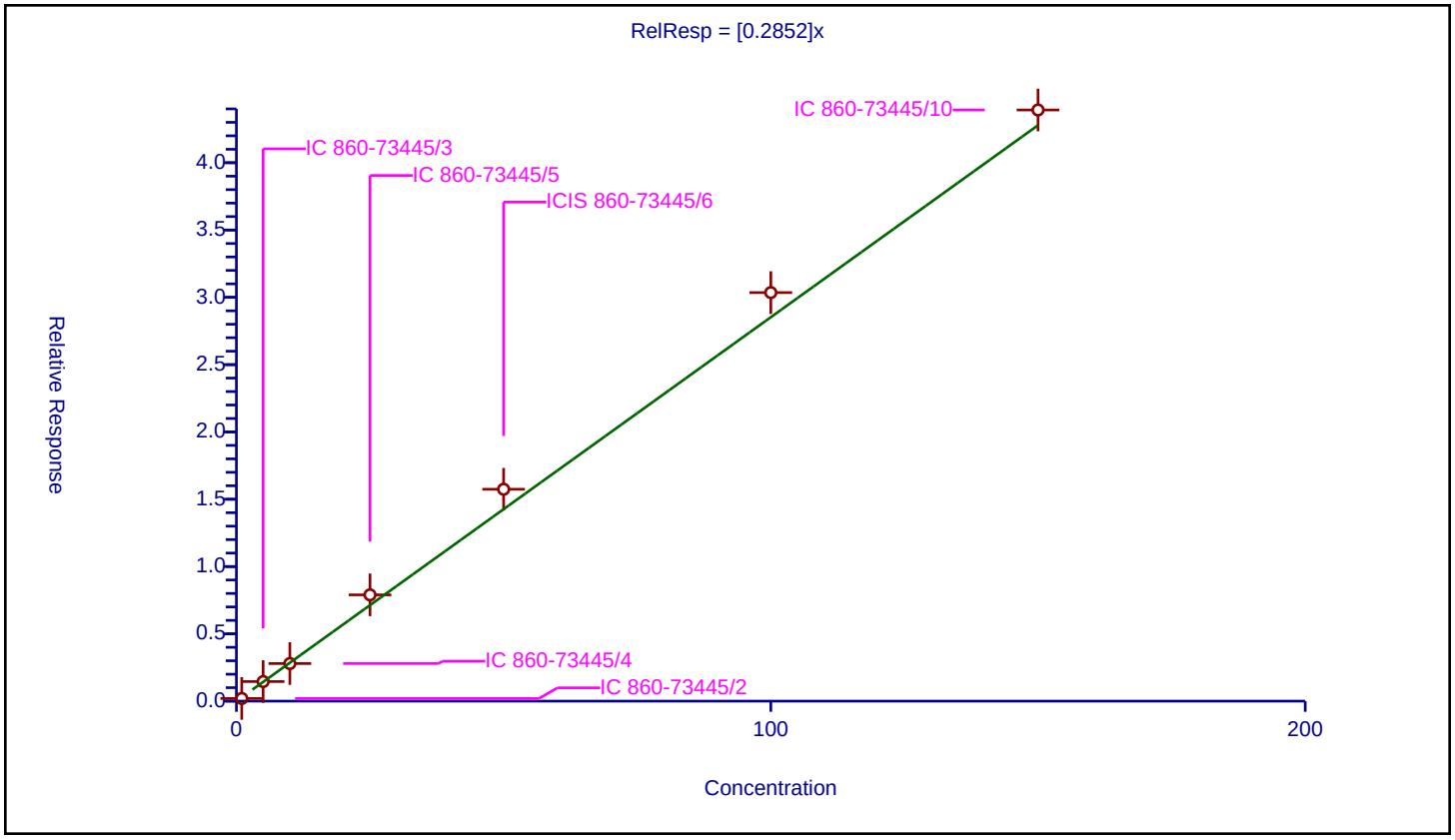
Curve Coefficients

Intercept:	0
Slope:	0.2852

Error Coefficients

Standard Error:	416000
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 860-73445/2	1.0	0.199218	50.0	710778.0	0.199218	Y
2	IC 860-73445/3	5.0	1.455109	50.0	718778.0	0.291022	Y
3	IC 860-73445/4	10.0	2.792976	50.0	769663.0	0.279298	Y
4	IC 860-73445/5	25.0	7.897033	50.0	817003.0	0.315881	Y
5	ICIS 860-73445/6	50.0	15.742174	50.0	863483.0	0.314843	Y
6	IC 860-73445/8	100.0	30.352668	50.0	892653.0	0.303527	Y
7	IC 860-73445/10	150.0	43.919717	50.0	917704.0	0.292798	Y



Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

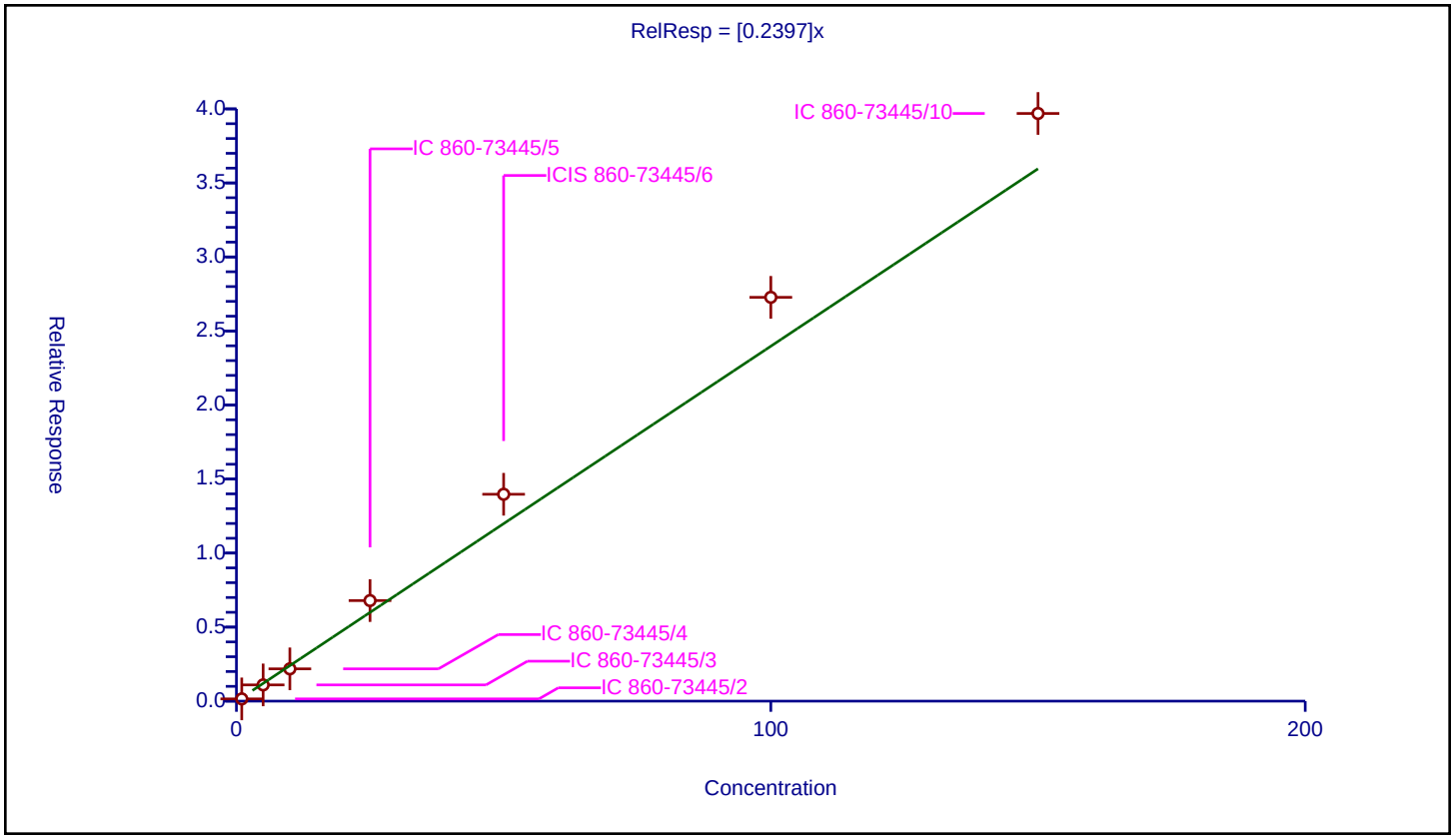
Curve Coefficients

Intercept:	0
Slope:	0.2397

Error Coefficients

Standard Error:	374000
Relative Standard Error:	19.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.964

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	1.0	0.152087	50.0	710778.0	0.152087	Y
2	IC 860-73445/3	5.0	1.09707	50.0	718778.0	0.219414	Y
3	IC 860-73445/4	10.0	2.18024	50.0	769663.0	0.218024	Y
4	IC 860-73445/5	25.0	6.792019	50.0	817003.0	0.271681	Y
5	ICIS 860-73445/6	50.0	13.971671	50.0	863483.0	0.279433	Y
6	IC 860-73445/8	100.0	27.273252	50.0	892653.0	0.272733	Y
7	IC 860-73445/10	150.0	39.691447	50.0	917704.0	0.26461	Y



Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

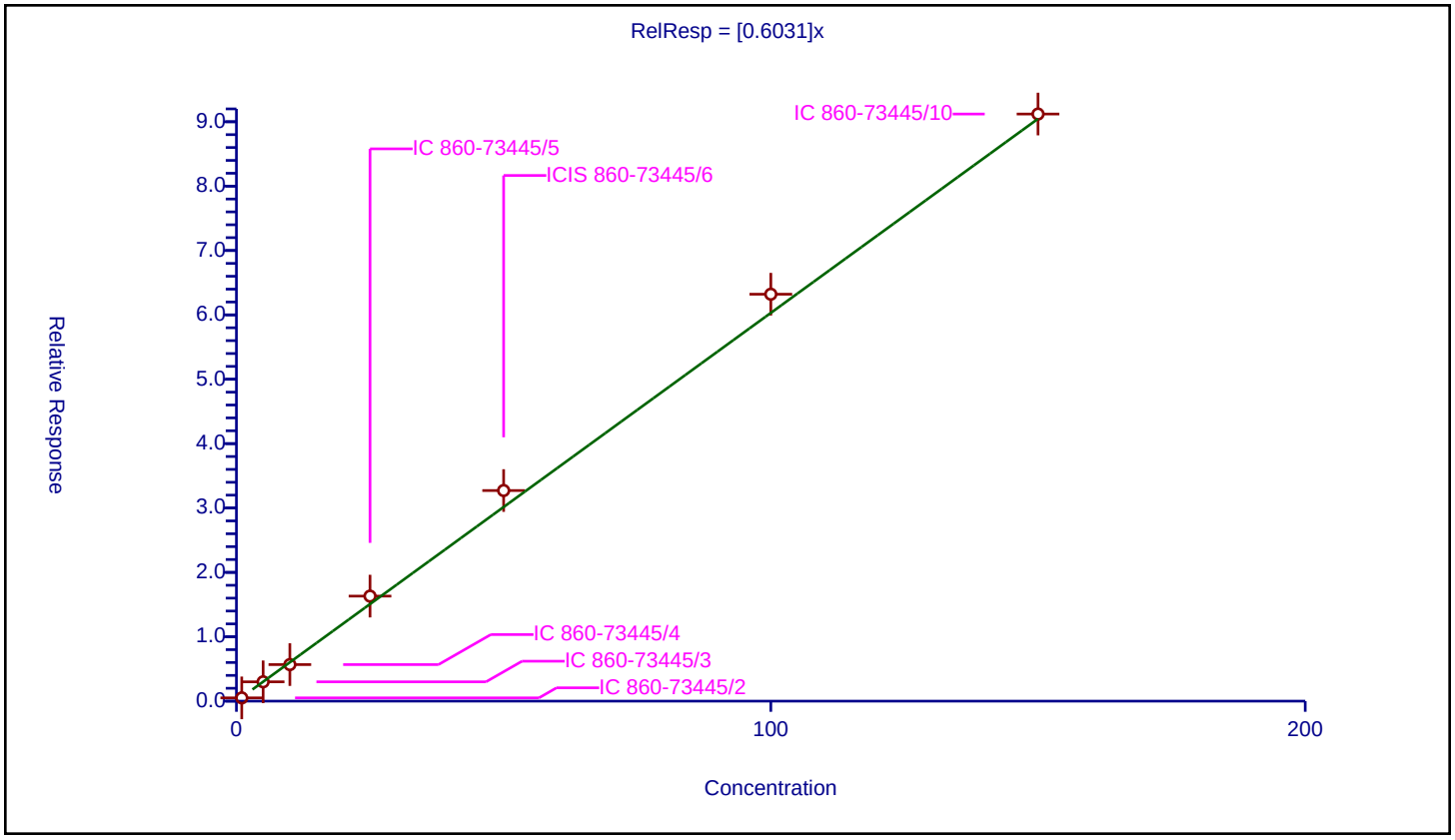
Curve Coefficients

Intercept:	0
Slope:	0.6031

Error Coefficients

Standard Error:	864000
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 860-73445/2	1.0	0.506487	50.0	710778.0	0.506487	Y
2	IC 860-73445/3	5.0	3.001344	50.0	718778.0	0.600269	Y
3	IC 860-73445/4	10.0	5.676705	50.0	769663.0	0.567671	Y
4	IC 860-73445/5	25.0	16.314934	50.0	817003.0	0.652597	Y
5	ICIS 860-73445/6	50.0	32.717842	50.0	863483.0	0.654357	Y
6	IC 860-73445/8	100.0	63.214205	50.0	892653.0	0.632142	Y
7	IC 860-73445/10	150.0	91.201139	50.0	917704.0	0.608008	Y



Calibration / 2-Hexanone

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

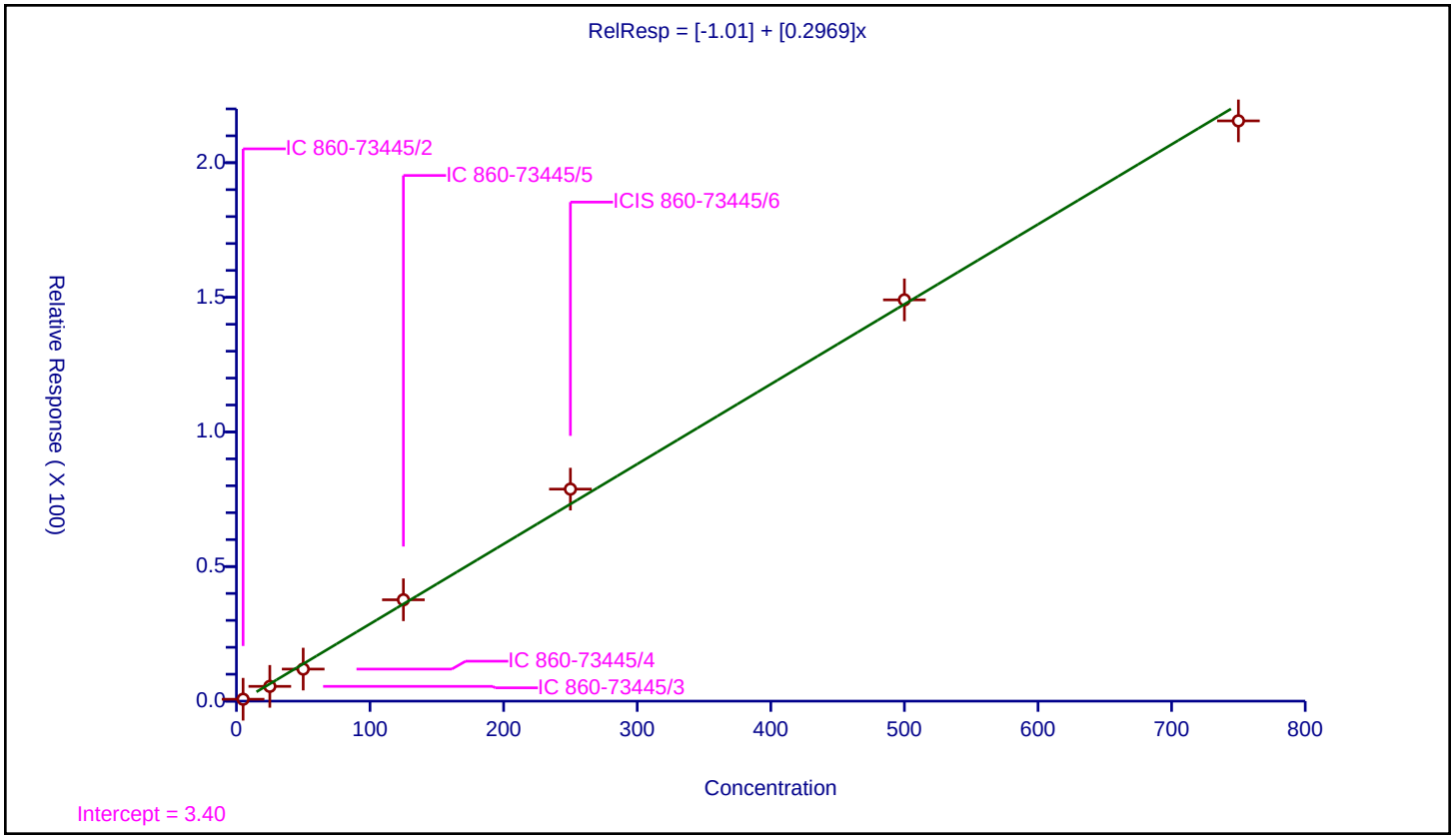
Curve Coefficients

Intercept:	-1.01
Slope:	0.2969

Error Coefficients

Standard Error:	2240000
Relative Standard Error:	11.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	5.0	0.703525	50.0	710778.0	0.140705	Y
2	IC 860-73445/3	25.0	5.487578	50.0	718778.0	0.219503	Y
3	IC 860-73445/4	50.0	11.90534	50.0	769663.0	0.238107	Y
4	IC 860-73445/5	125.0	37.646618	50.0	817003.0	0.301173	Y
5	ICIS 860-73445/6	250.0	78.757949	50.0	863483.0	0.315032	Y
6	IC 860-73445/8	500.0	149.063578	50.0	892653.0	0.298127	Y
7	IC 860-73445/10	750.0	215.551856	50.0	917704.0	0.287402	Y



Calibration / Chlorodibromomethane

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

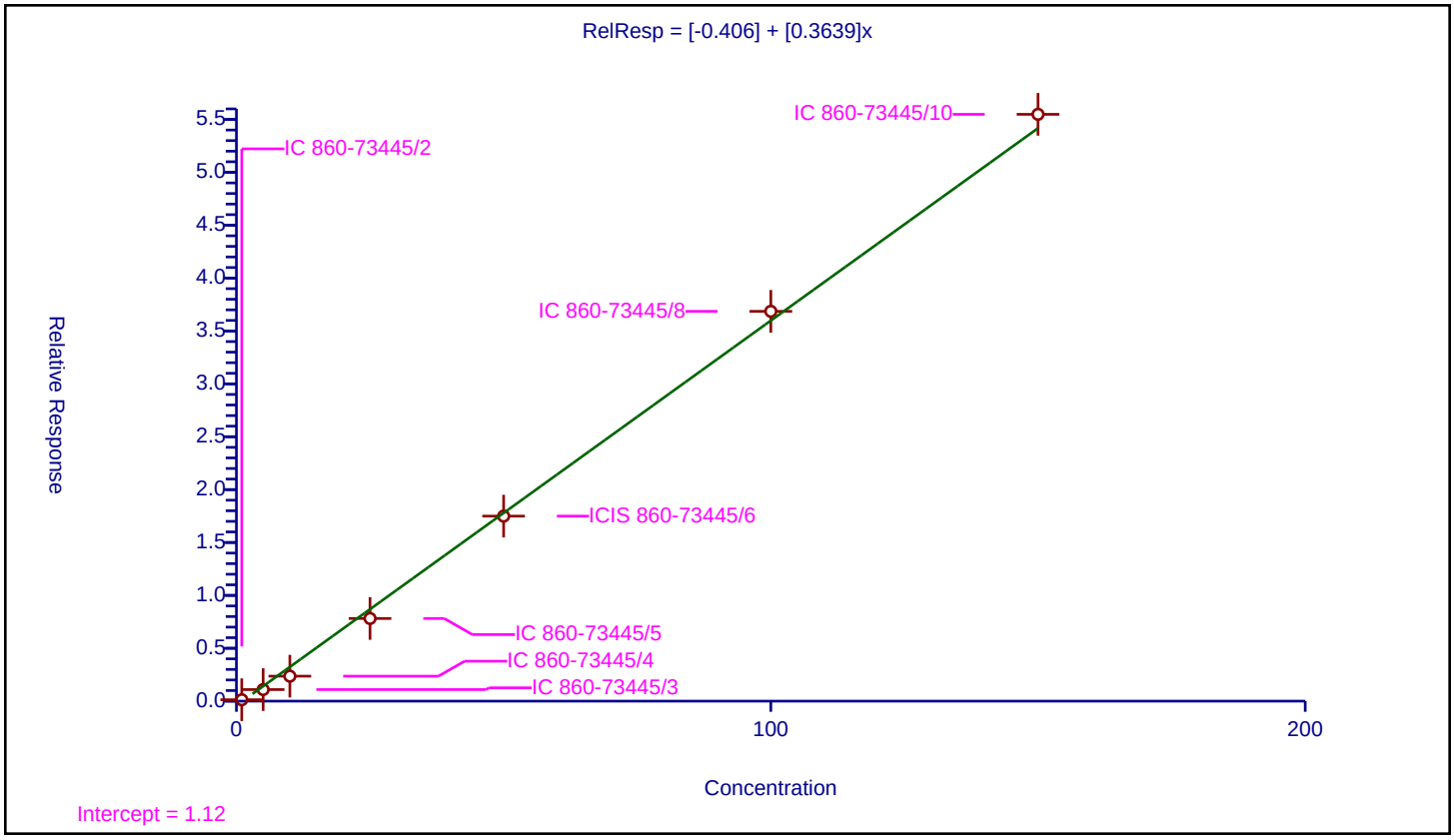
Curve Coefficients

Intercept:	-0.406
Slope:	0.3639

Error Coefficients

Standard Error:	562000
Relative Standard Error:	25.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	1.0	0.13232	50.0	710778.0	0.13232	Y
2	IC 860-73445/3	5.0	1.093731	50.0	718778.0	0.218746	Y
3	IC 860-73445/4	10.0	2.362203	50.0	769663.0	0.23622	Y
4	IC 860-73445/5	25.0	7.815577	50.0	817003.0	0.312623	Y
5	ICIS 860-73445/6	50.0	17.493049	50.0	863483.0	0.349861	Y
6	IC 860-73445/8	100.0	36.858051	50.0	892653.0	0.368581	Y
7	IC 860-73445/10	150.0	55.485538	50.0	917704.0	0.369904	Y



Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

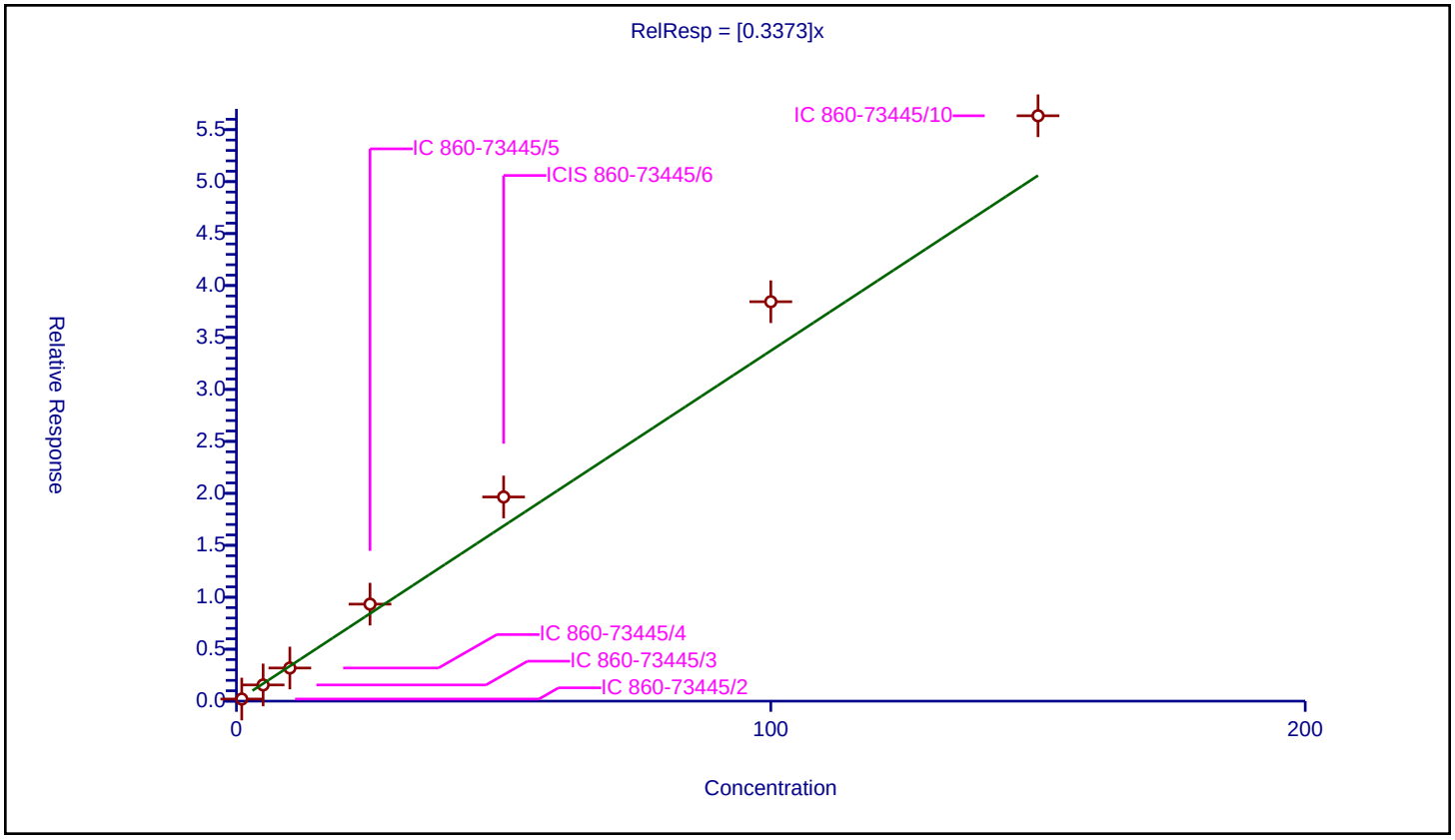
Curve Coefficients

Intercept:	0
Slope:	0.3373

Error Coefficients

Standard Error:	529000
Relative Standard Error:	19.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.963

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	1.0	0.203509	50.0	710778.0	0.203509	Y
2	IC 860-73445/3	5.0	1.5598	50.0	718778.0	0.31196	Y
3	IC 860-73445/4	10.0	3.188863	50.0	769663.0	0.318886	Y
4	IC 860-73445/5	25.0	9.337236	50.0	817003.0	0.373489	Y
5	ICIS 860-73445/6	50.0	19.649779	50.0	863483.0	0.392996	Y
6	IC 860-73445/8	100.0	38.440525	50.0	892653.0	0.384405	Y
7	IC 860-73445/10	150.0	56.337392	50.0	917704.0	0.375583	Y



Calibration / 1-Chlorohexane

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

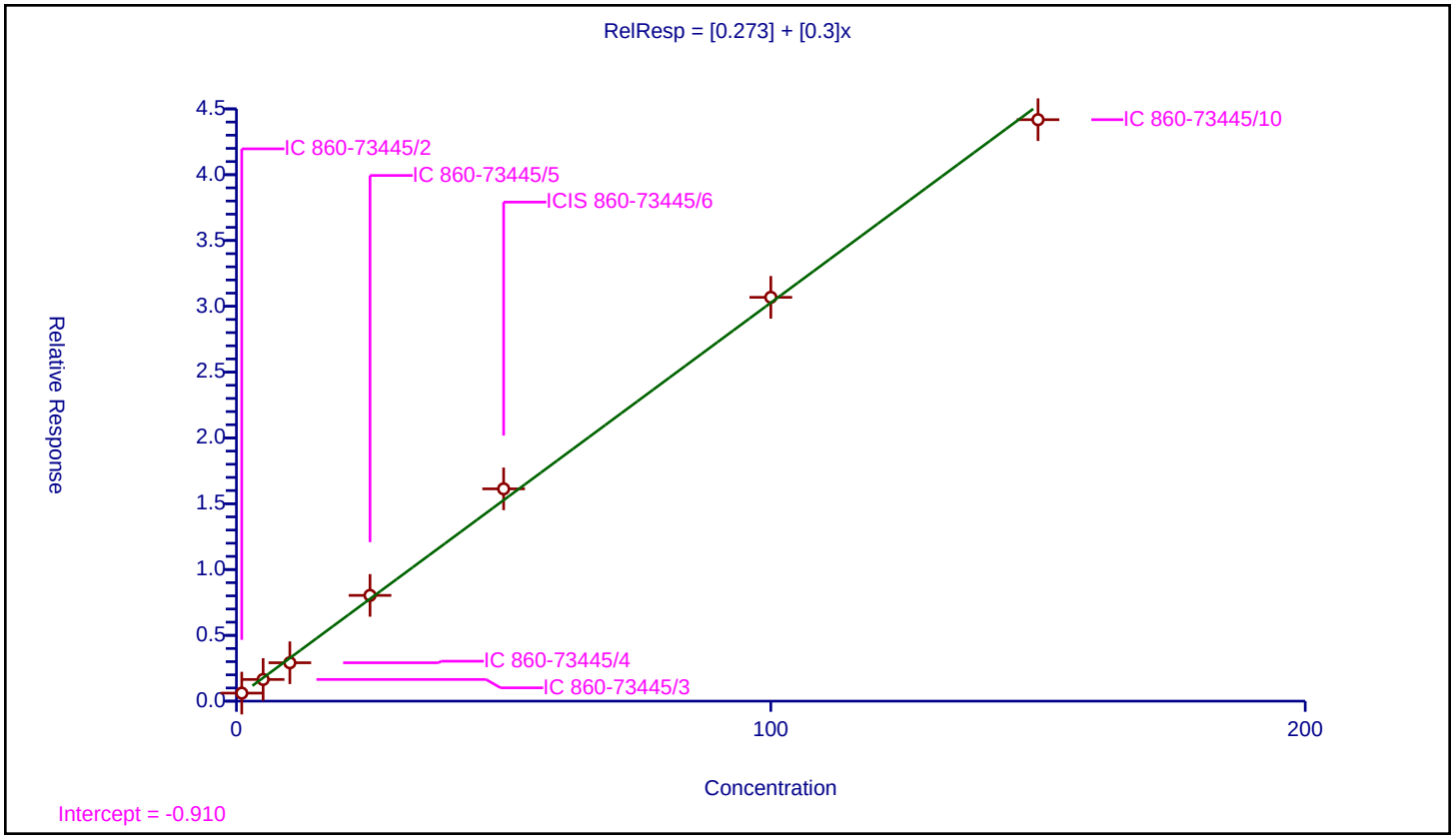
Curve Coefficients

Intercept:	0.273
Slope:	0.3

Error Coefficients

Standard Error:	459000
Relative Standard Error:	9.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	1.0	0.609403	50.0	710778.0	0.609403	Y
2	IC 860-73445/3	5.0	1.645432	50.0	718778.0	0.329086	Y
3	IC 860-73445/4	10.0	2.918095	50.0	769663.0	0.29181	Y
4	IC 860-73445/5	25.0	8.034242	50.0	817003.0	0.32137	Y
5	ICIS 860-73445/6	50.0	16.130775	50.0	863483.0	0.322616	Y
6	IC 860-73445/8	100.0	30.682415	50.0	892653.0	0.306824	Y
7	IC 860-73445/10	150.0	44.179932	50.0	917704.0	0.294533	Y



Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

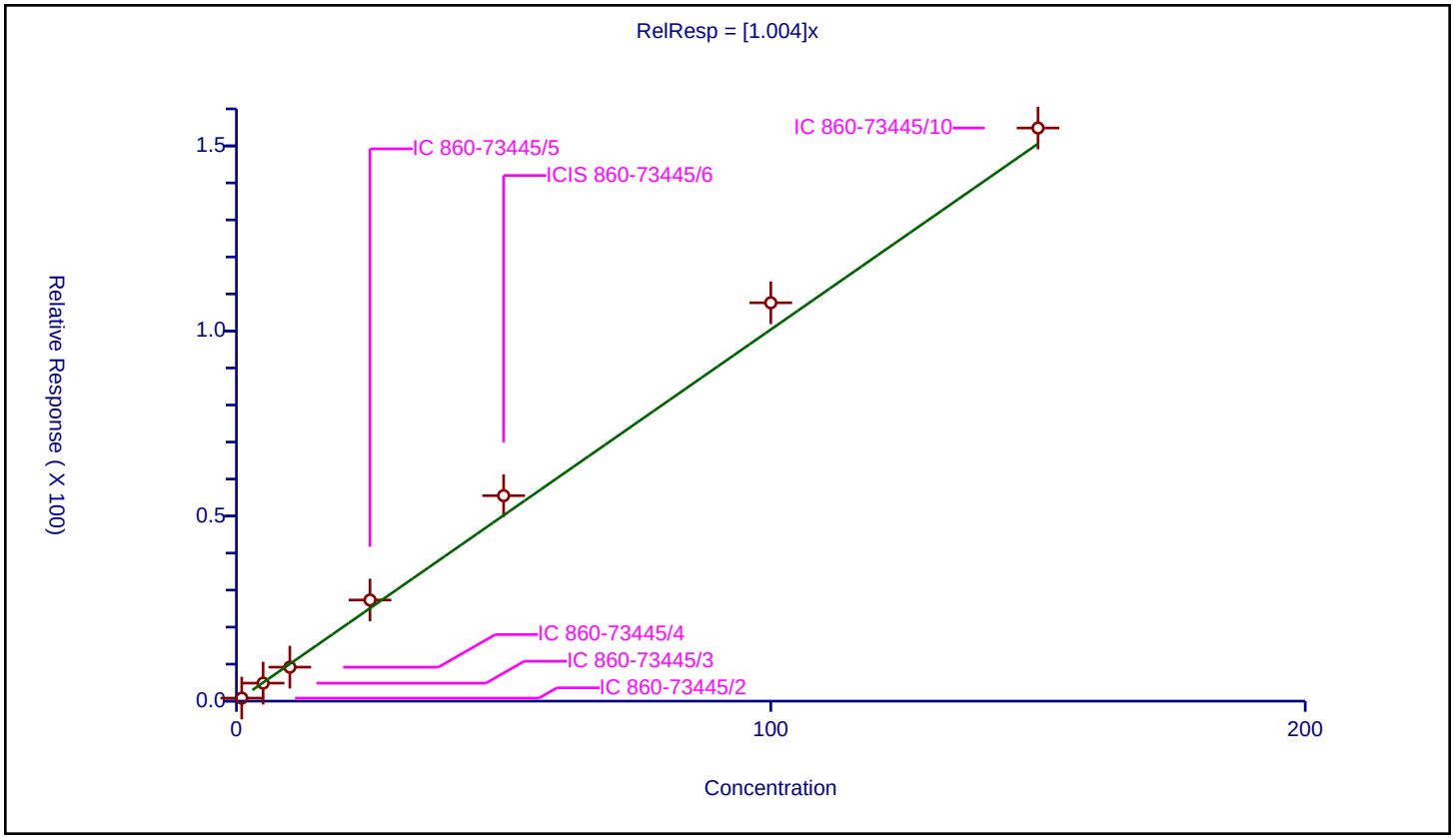
Curve Coefficients

Intercept:	0
Slope:	1.004

Error Coefficients

Standard Error:	1470000
Relative Standard Error:	10.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	1.0	0.824308	50.0	710778.0	0.824308	Y
2	IC 860-73445/3	5.0	4.865132	50.0	718778.0	0.973026	Y
3	IC 860-73445/4	10.0	9.186098	50.0	769663.0	0.91861	Y
4	IC 860-73445/5	25.0	27.322666	50.0	817003.0	1.092907	Y
5	ICIS 860-73445/6	50.0	55.512732	50.0	863483.0	1.110255	Y
6	IC 860-73445/8	100.0	107.625415	50.0	892653.0	1.076254	Y
7	IC 860-73445/10	150.0	154.834565	50.0	917704.0	1.03223	Y



Calibration / 1,1,1,2-Tetrachloroethane

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

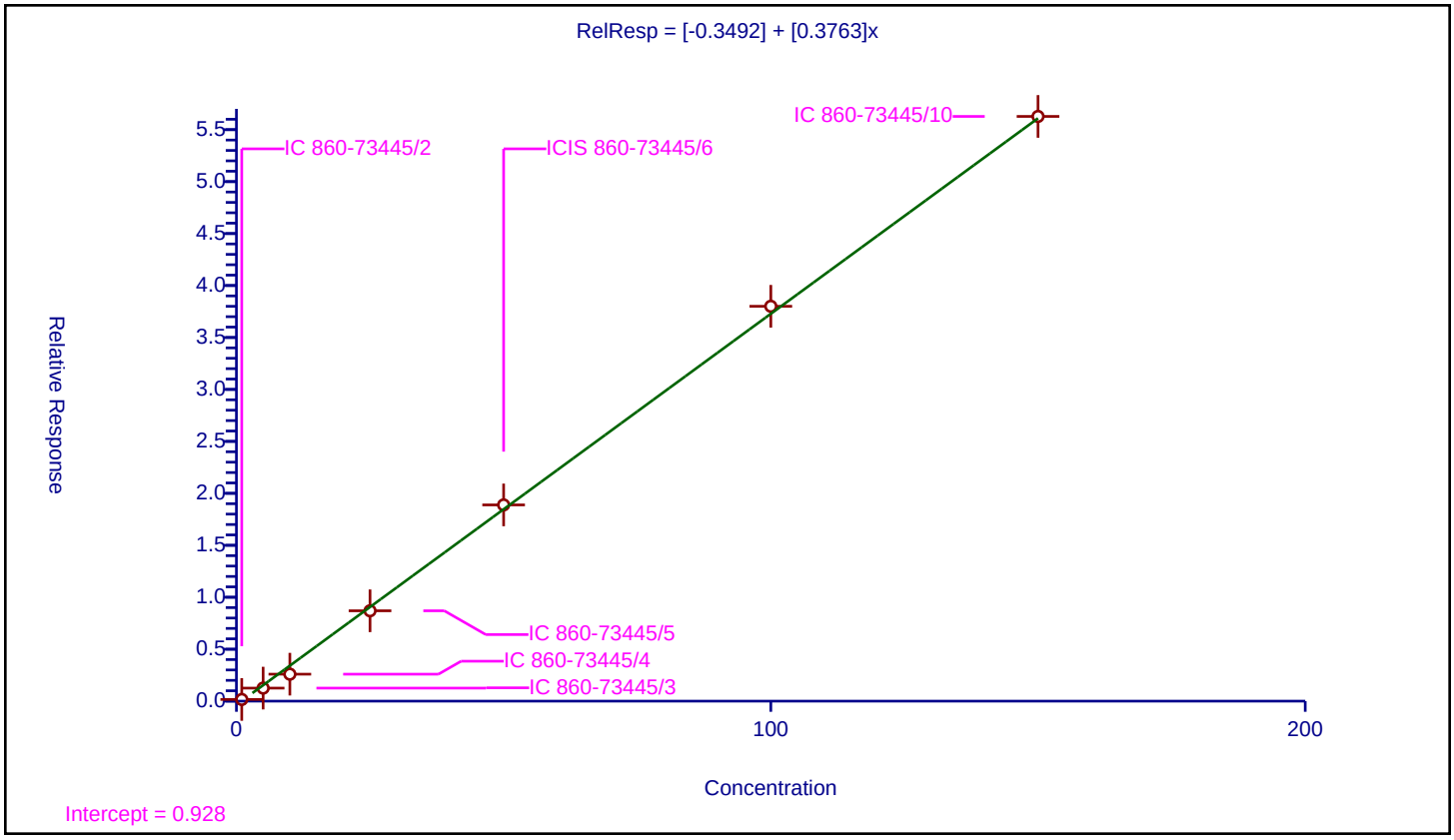
Curve Coefficients

Intercept:	-0.3492
Slope:	0.3763

Error Coefficients

Standard Error:	575000
Relative Standard Error:	20.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	1.0	0.161935	50.0	710778.0	0.161935	Y
2	IC 860-73445/3	5.0	1.255186	50.0	718778.0	0.251037	Y
3	IC 860-73445/4	10.0	2.596396	50.0	769663.0	0.25964	Y
4	IC 860-73445/5	25.0	8.695807	50.0	817003.0	0.347832	Y
5	ICIS 860-73445/6	50.0	18.886301	50.0	863483.0	0.377726	Y
6	IC 860-73445/8	100.0	38.003233	50.0	892653.0	0.380032	Y
7	IC 860-73445/10	150.0	56.275063	50.0	917704.0	0.375167	Y



Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

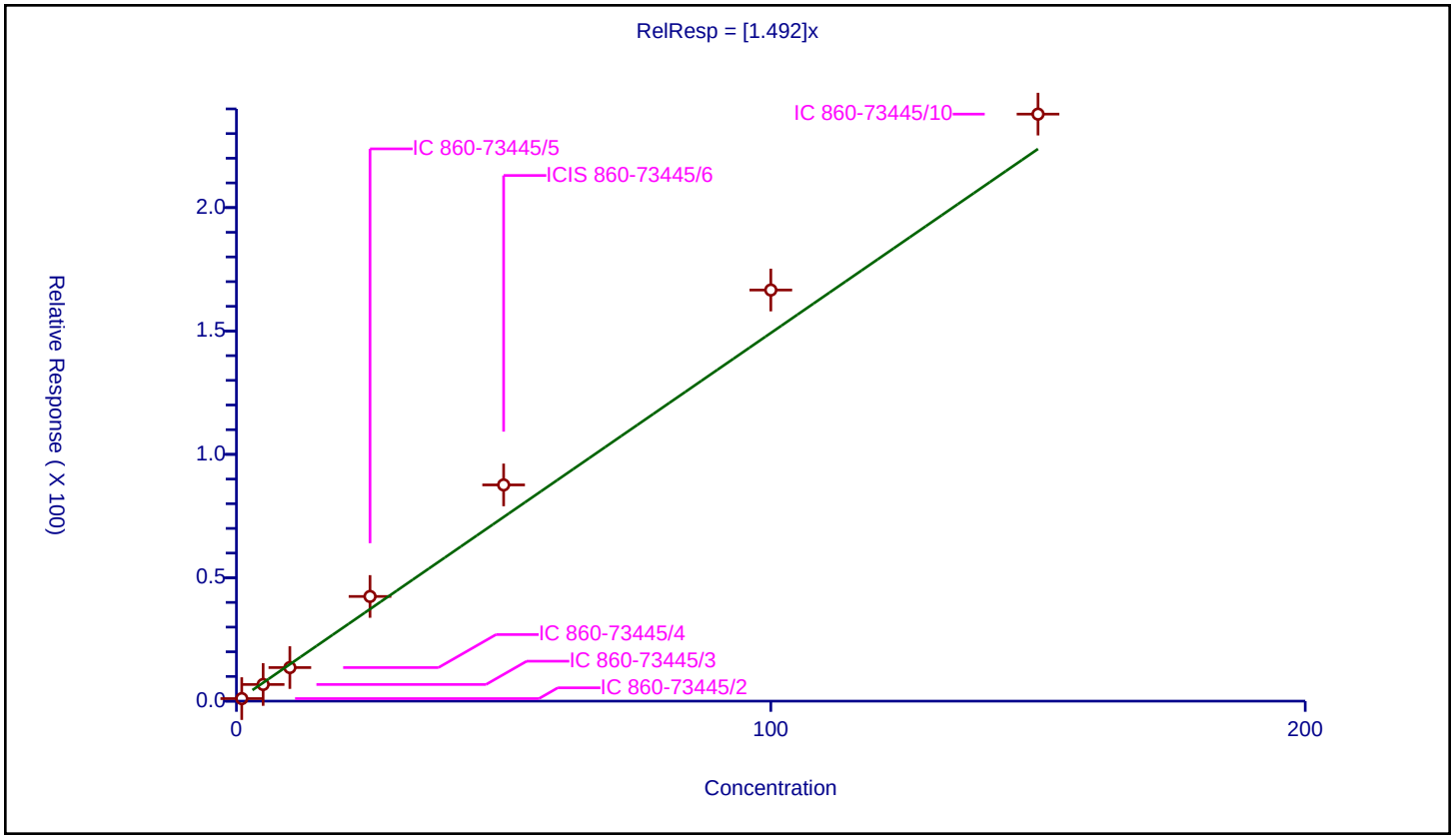
Curve Coefficients

Intercept:	0
Slope:	1.492

Error Coefficients

Standard Error:	2260000
Relative Standard Error:	17.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.971

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	1.0	1.030139	50.0	710778.0	1.030139	Y
2	IC 860-73445/3	5.0	6.756189	50.0	718778.0	1.351238	Y
3	IC 860-73445/4	10.0	13.603876	50.0	769663.0	1.360388	Y
4	IC 860-73445/5	25.0	42.42157	50.0	817003.0	1.696863	Y
5	ICIS 860-73445/6	50.0	87.625755	50.0	863483.0	1.752515	Y
6	IC 860-73445/8	100.0	166.600964	50.0	892653.0	1.66601	Y
7	IC 860-73445/10	150.0	237.879643	50.0	917704.0	1.585864	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

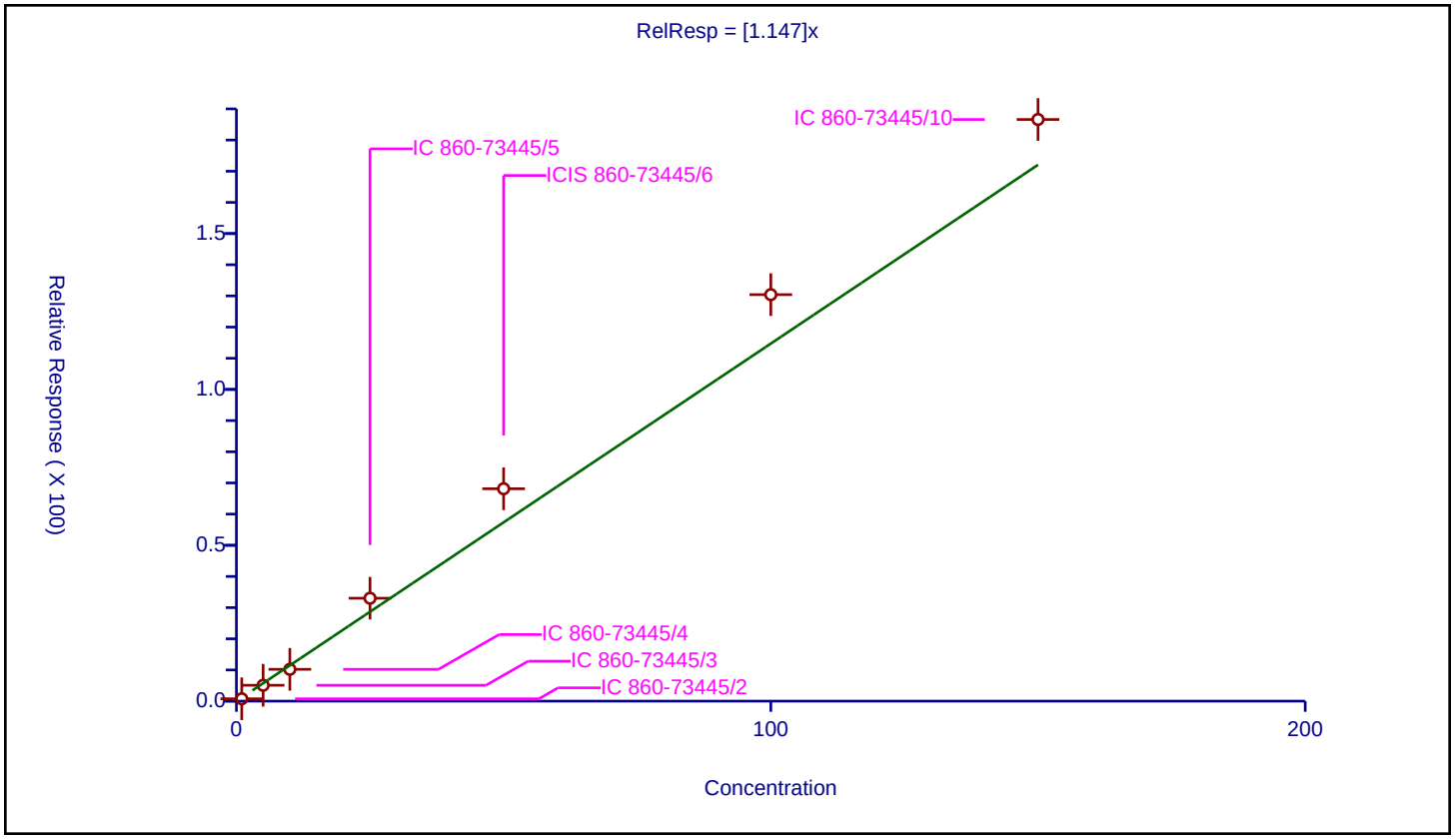
Curve Coefficients

Intercept:	0
Slope:	1.147

Error Coefficients

Standard Error:	1770000
Relative Standard Error:	19.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.964

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	1.0	0.760083	50.0	710778.0	0.760083	Y
2	IC 860-73445/3	5.0	5.084185	50.0	718778.0	1.016837	Y
3	IC 860-73445/4	10.0	10.208884	50.0	769663.0	1.020888	Y
4	IC 860-73445/5	25.0	33.015913	50.0	817003.0	1.320637	Y
5	ICIS 860-73445/6	50.0	68.140832	50.0	863483.0	1.362817	Y
6	IC 860-73445/8	100.0	130.410809	50.0	892653.0	1.304108	Y
7	IC 860-73445/10	150.0	186.601399	50.0	917704.0	1.244009	Y



Calibration / o-Xylene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

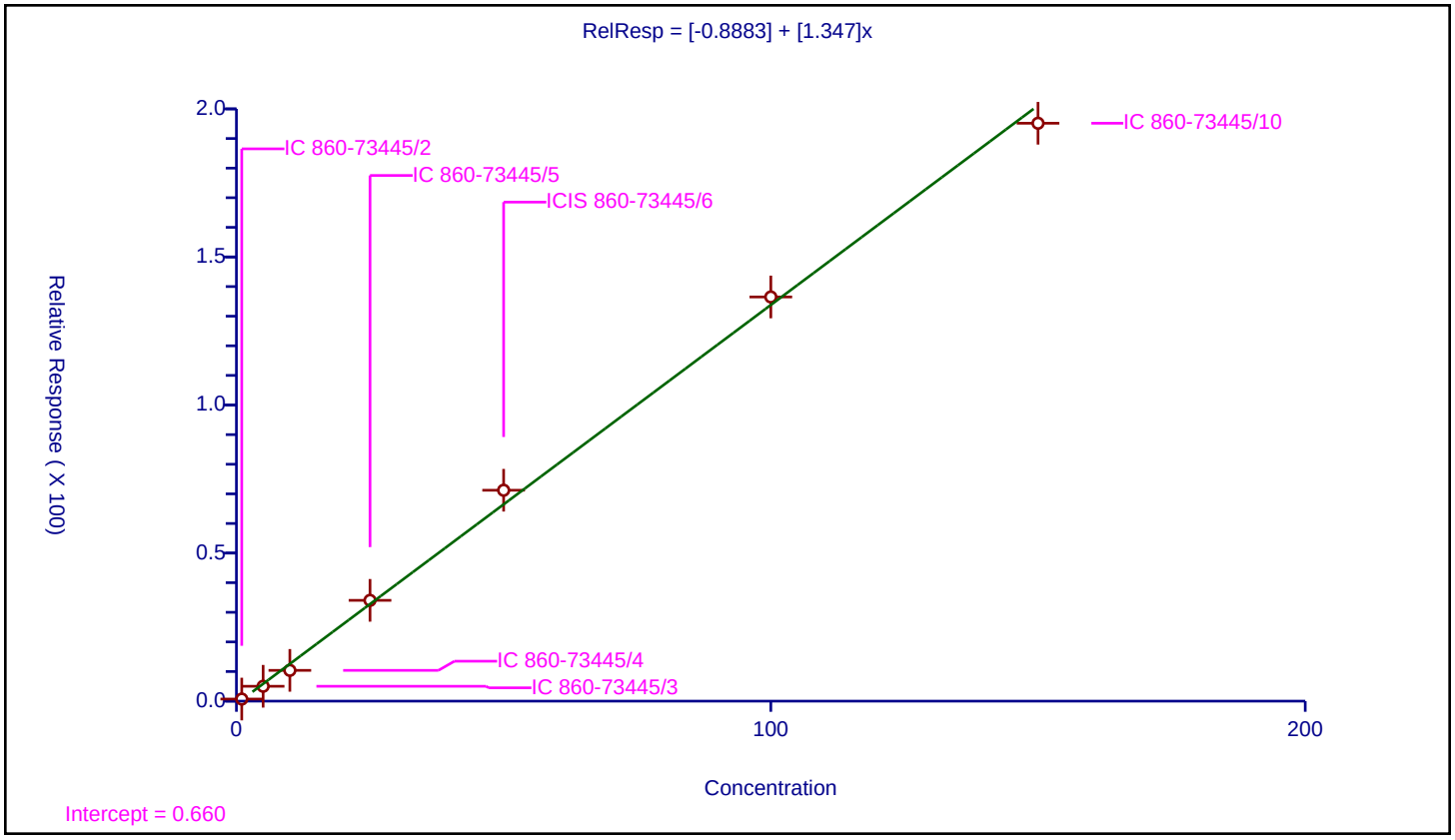
Curve Coefficients

Intercept:	-0.8883
Slope:	1.347

Error Coefficients

Standard Error:	2030000
Relative Standard Error:	12.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	1.0	0.708871	50.0	710778.0	0.708871	Y
2	IC 860-73445/3	5.0	5.020187	50.0	718778.0	1.004037	Y
3	IC 860-73445/4	10.0	10.396563	50.0	769663.0	1.039656	Y
4	IC 860-73445/5	25.0	34.035248	50.0	817003.0	1.36141	Y
5	ICIS 860-73445/6	50.0	71.221437	50.0	863483.0	1.424429	Y
6	IC 860-73445/8	100.0	136.491447	50.0	892653.0	1.364914	Y
7	IC 860-73445/10	150.0	195.150288	50.0	917704.0	1.301002	Y



Calibration / Styrene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

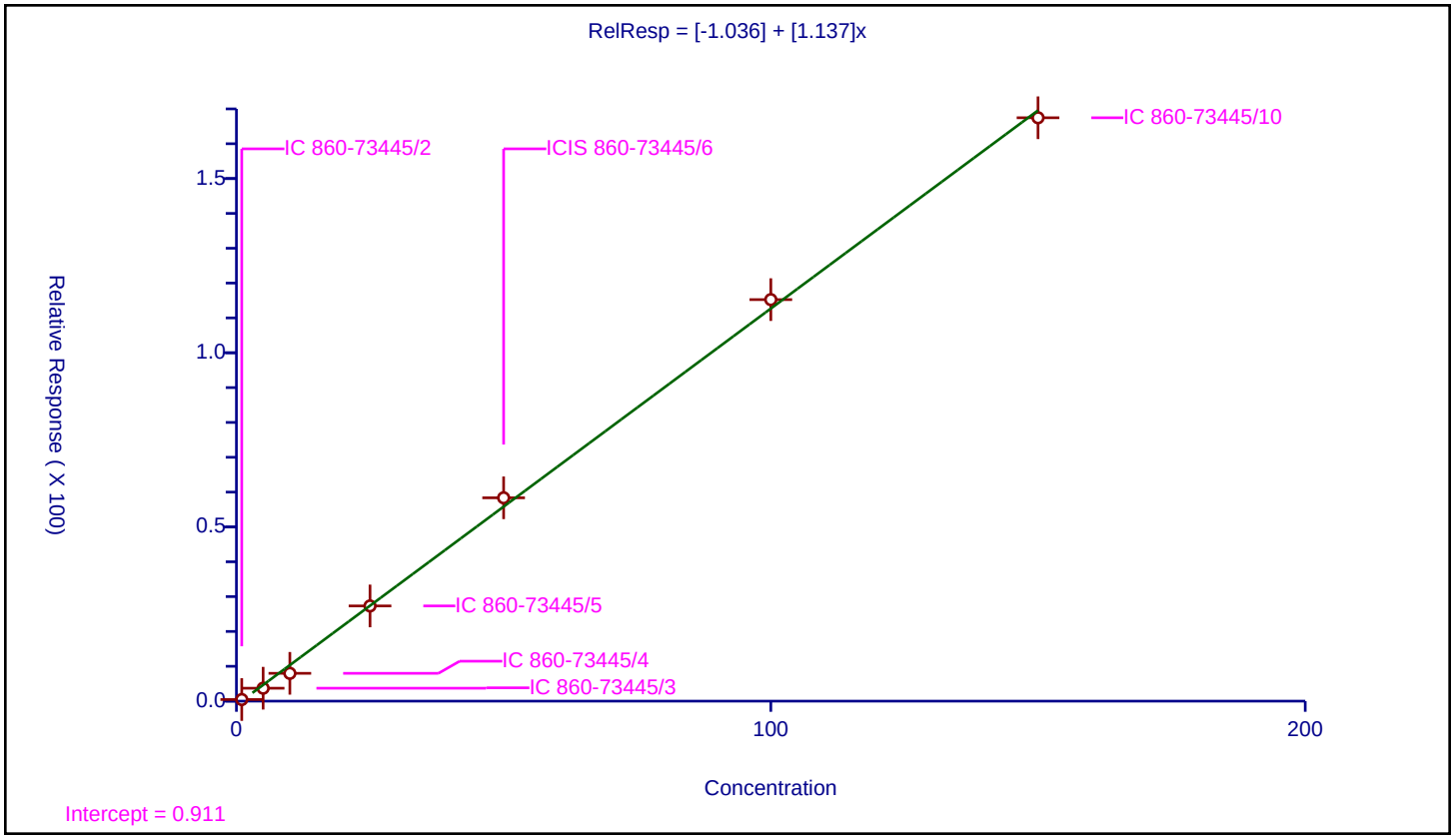
Curve Coefficients

Intercept:	-1.036
Slope:	1.137

Error Coefficients

Standard Error:	1730000
Relative Standard Error:	18.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	1.0	0.465757	50.0	710778.0	0.465757	Y
2	IC 860-73445/3	5.0	3.70956	50.0	718778.0	0.741912	Y
3	IC 860-73445/4	10.0	7.981415	50.0	769663.0	0.798142	Y
4	IC 860-73445/5	25.0	27.330499	50.0	817003.0	1.09322	Y
5	ICIS 860-73445/6	50.0	58.364959	50.0	863483.0	1.167299	Y
6	IC 860-73445/8	100.0	115.251783	50.0	892653.0	1.152518	Y
7	IC 860-73445/10	150.0	167.456718	50.0	917704.0	1.116378	Y



Calibration / Bromoform

Curve Type:	Quadratic
Weighting:	None
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

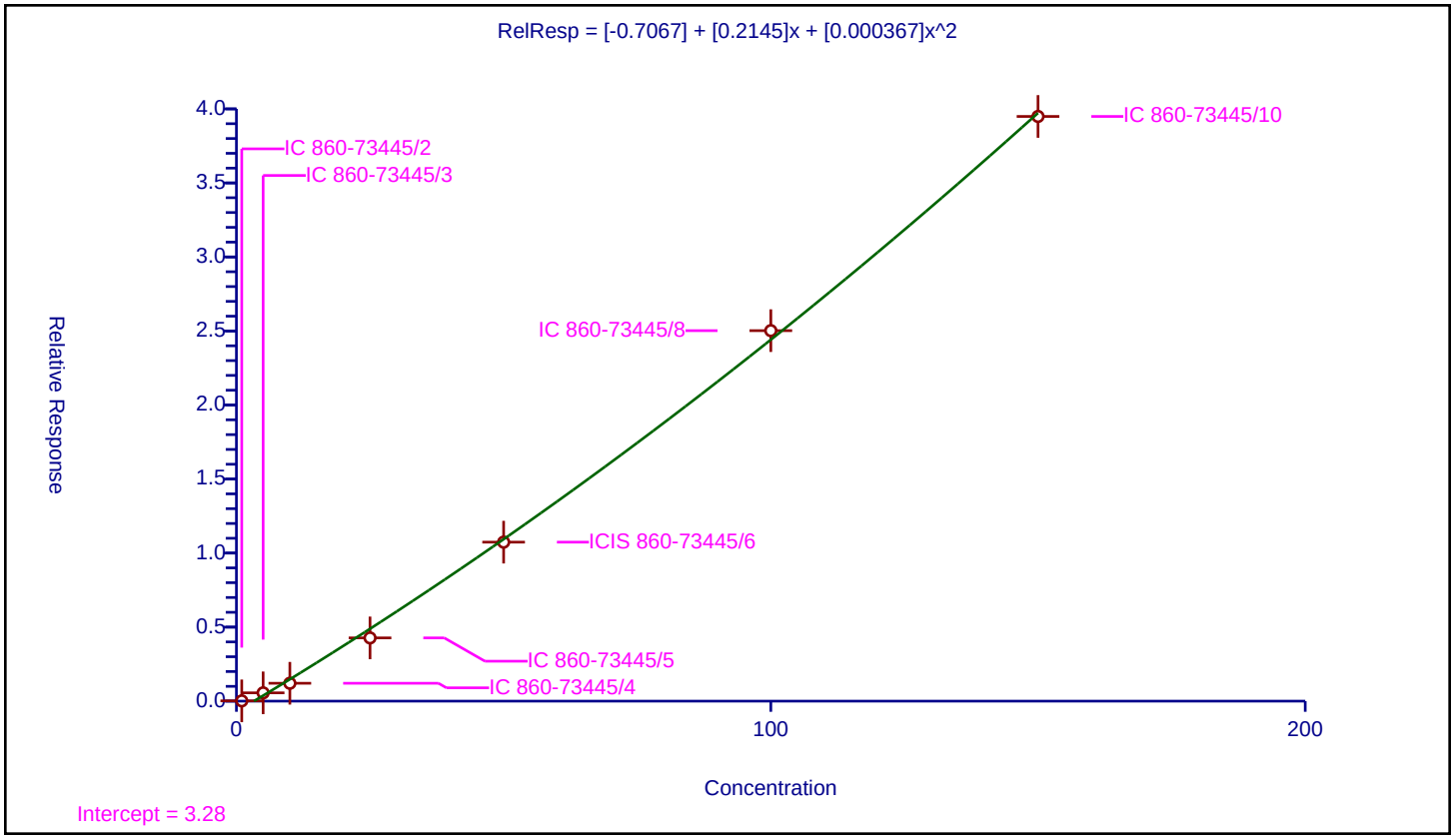
Curve Coefficients

Intercept:	-0.7067
Slope:	0.2145
Second Order:	0.000367

Error Coefficients

Standard Error:	437000
Relative Standard Error:	119.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	1.0	0.019767	50.0	710778.0	0.019767	Y
2	IC 860-73445/3	5.0	0.559909	50.0	718778.0	0.111982	Y
3	IC 860-73445/4	10.0	1.207866	50.0	769663.0	0.120787	Y
4	IC 860-73445/5	25.0	4.271404	50.0	817003.0	0.170856	Y
5	ICIS 860-73445/6	50.0	10.738717	50.0	863483.0	0.214774	Y
6	IC 860-73445/8	100.0	25.023105	50.0	892653.0	0.250231	Y
7	IC 860-73445/10	150.0	39.489748	50.0	917704.0	0.263265	Y



Calibration / Isopropylbenzene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

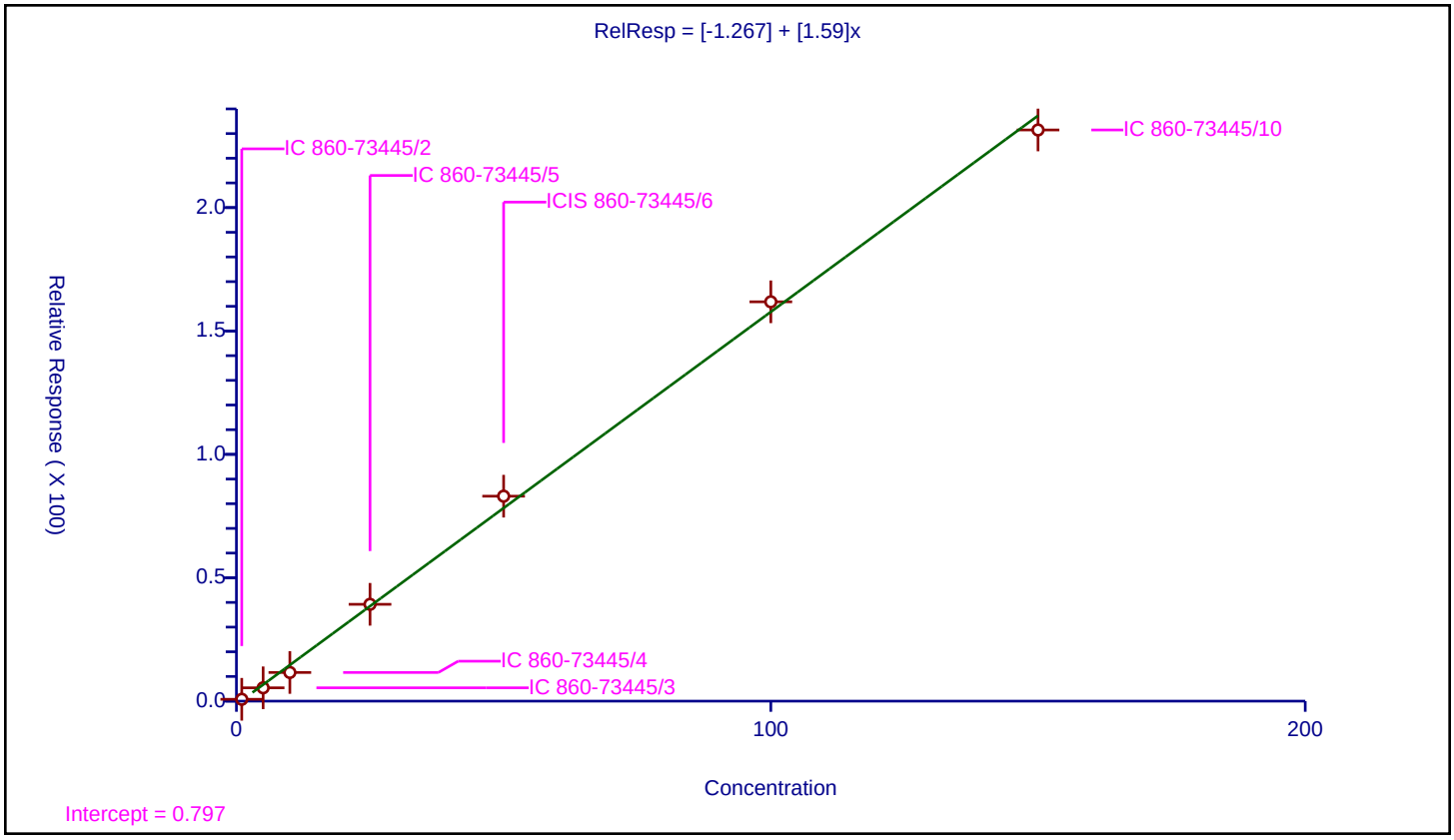
Curve Coefficients

Intercept:	-1.267
Slope:	1.59

Error Coefficients

Standard Error:	2400000
Relative Standard Error:	16.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	1.0	0.751993	50.0	710778.0	0.751993	Y
2	IC 860-73445/3	5.0	5.405702	50.0	718778.0	1.08114	Y
3	IC 860-73445/4	10.0	11.614564	50.0	769663.0	1.161456	Y
4	IC 860-73445/5	25.0	39.241166	50.0	817003.0	1.569647	Y
5	ICIS 860-73445/6	50.0	83.059655	50.0	863483.0	1.661193	Y
6	IC 860-73445/8	100.0	161.82576	50.0	892653.0	1.618258	Y
7	IC 860-73445/10	150.0	231.461179	50.0	917704.0	1.543075	Y



Calibration / cis-1,4-Dichloro-2-butene

Curve Type:	Quadratic
Weighting:	None
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

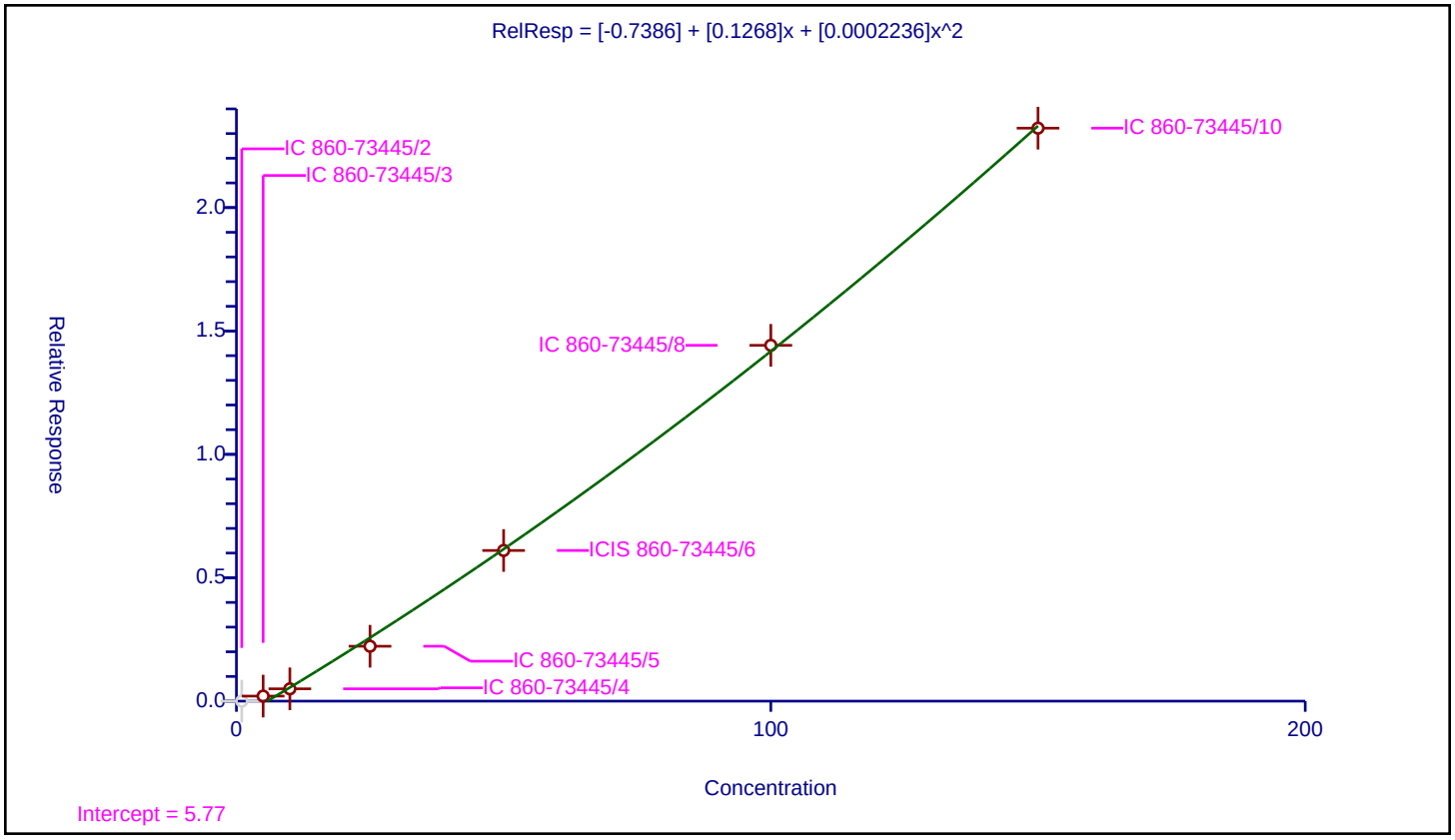
Curve Coefficients

Intercept:	-0.7386
Slope:	0.1268
Second Order:	0.0002236

Error Coefficients

Standard Error:	295000
Relative Standard Error:	27.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	1.0	0.0	50.0	710778.0	0.0	N
2	IC 860-73445/3	5.0	0.204862	50.0	718778.0	0.040972	Y
3	IC 860-73445/4	10.0	0.49879	50.0	769663.0	0.049879	Y
4	IC 860-73445/5	25.0	2.2249	50.0	817003.0	0.088996	Y
5	ICIS 860-73445/6	50.0	6.10481	50.0	863483.0	0.122096	Y
6	IC 860-73445/8	100.0	14.418985	50.0	892653.0	0.14419	Y
7	IC 860-73445/10	150.0	23.219796	50.0	917704.0	0.154799	Y



Calibration / Cyclohexanone

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

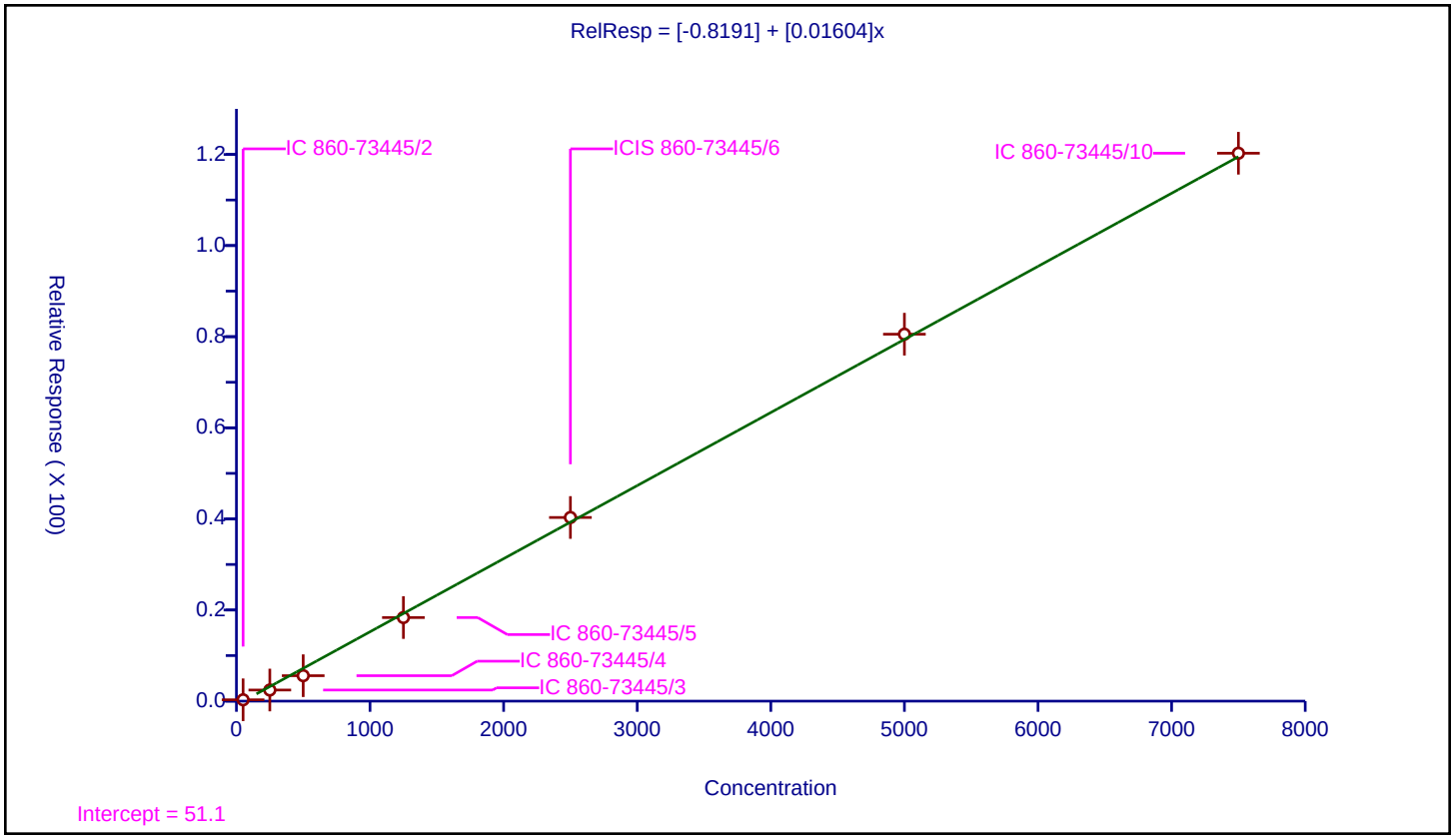
Curve Coefficients

Intercept:	-0.8191
Slope:	0.01604

Error Coefficients

Standard Error:	1230000
Relative Standard Error:	21.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	50.0	0.292496	50.0	710778.0	0.00585	Y
2	IC 860-73445/3	250.0	2.443244	50.0	718778.0	0.009773	Y
3	IC 860-73445/4	500.0	5.588225	50.0	769663.0	0.011176	Y
4	IC 860-73445/5	1250.0	18.345649	50.0	817003.0	0.014677	Y
5	ICIS 860-73445/6	2500.0	40.313938	50.0	863483.0	0.016126	Y
6	IC 860-73445/8	5000.0	80.544736	50.0	892653.0	0.016109	Y
7	IC 860-73445/10	7500.0	120.266883	50.0	917704.0	0.016036	Y



Calibration / 4-Bromofluorobenzene (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

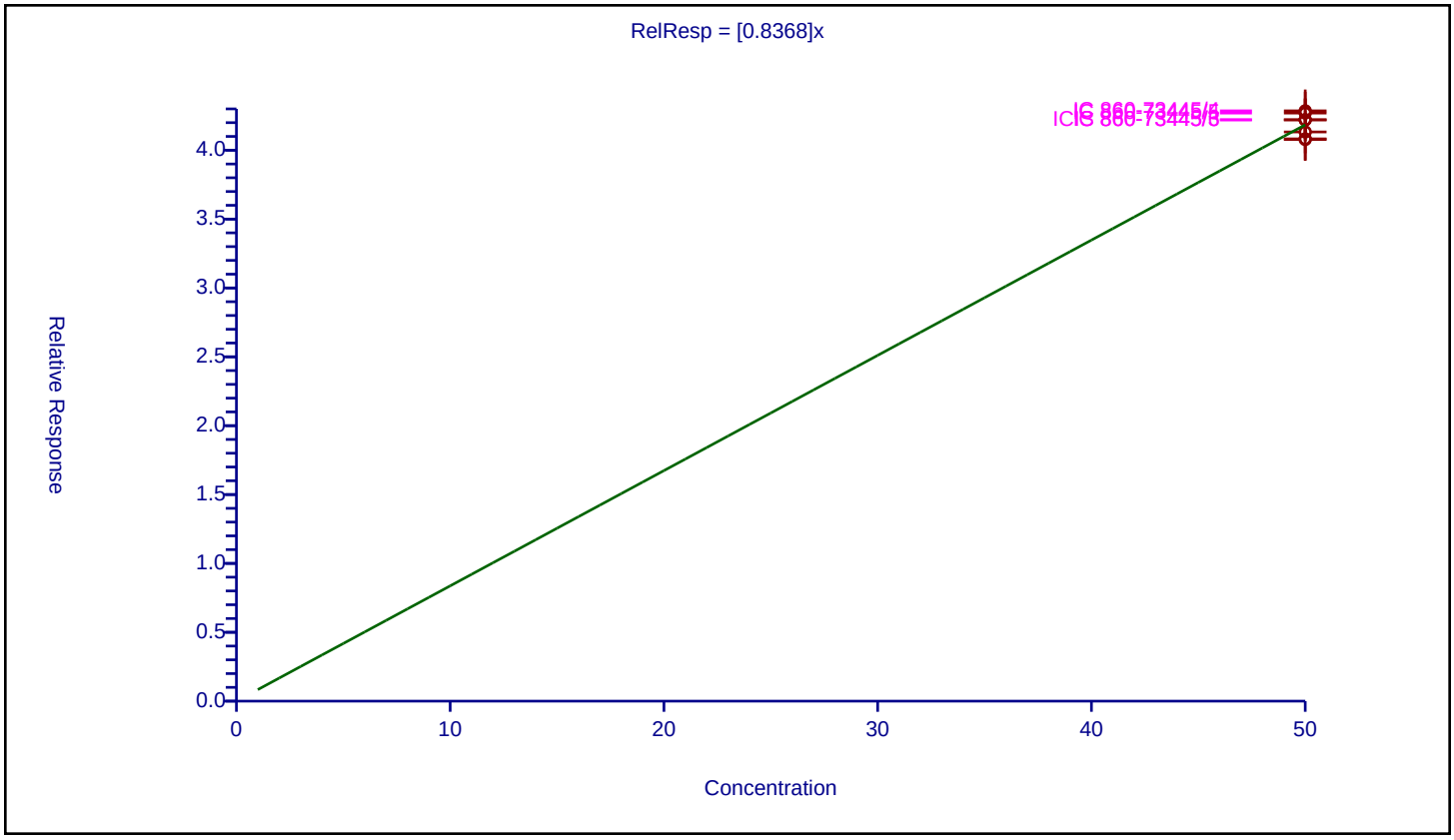
Curve Coefficients

Intercept:	0
Slope:	0.8368

Error Coefficients

Standard Error:	397000
Relative Standard Error:	2.1
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	50.0	40.823612	50.0	362501.0	0.816472	Y
2	IC 860-73445/3	50.0	42.206845	50.0	379288.0	0.844137	Y
3	IC 860-73445/4	50.0	42.85871	50.0	405781.0	0.857174	Y
4	IC 860-73445/5	50.0	42.696232	50.0	432626.0	0.853925	Y
5	ICIS 860-73445/6	50.0	42.205909	50.0	463691.0	0.844118	Y
6	IC 860-73445/8	50.0	41.32582	50.0	495897.0	0.826516	Y
7	IC 860-73445/10	50.0	40.778551	50.0	517500.0	0.815571	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

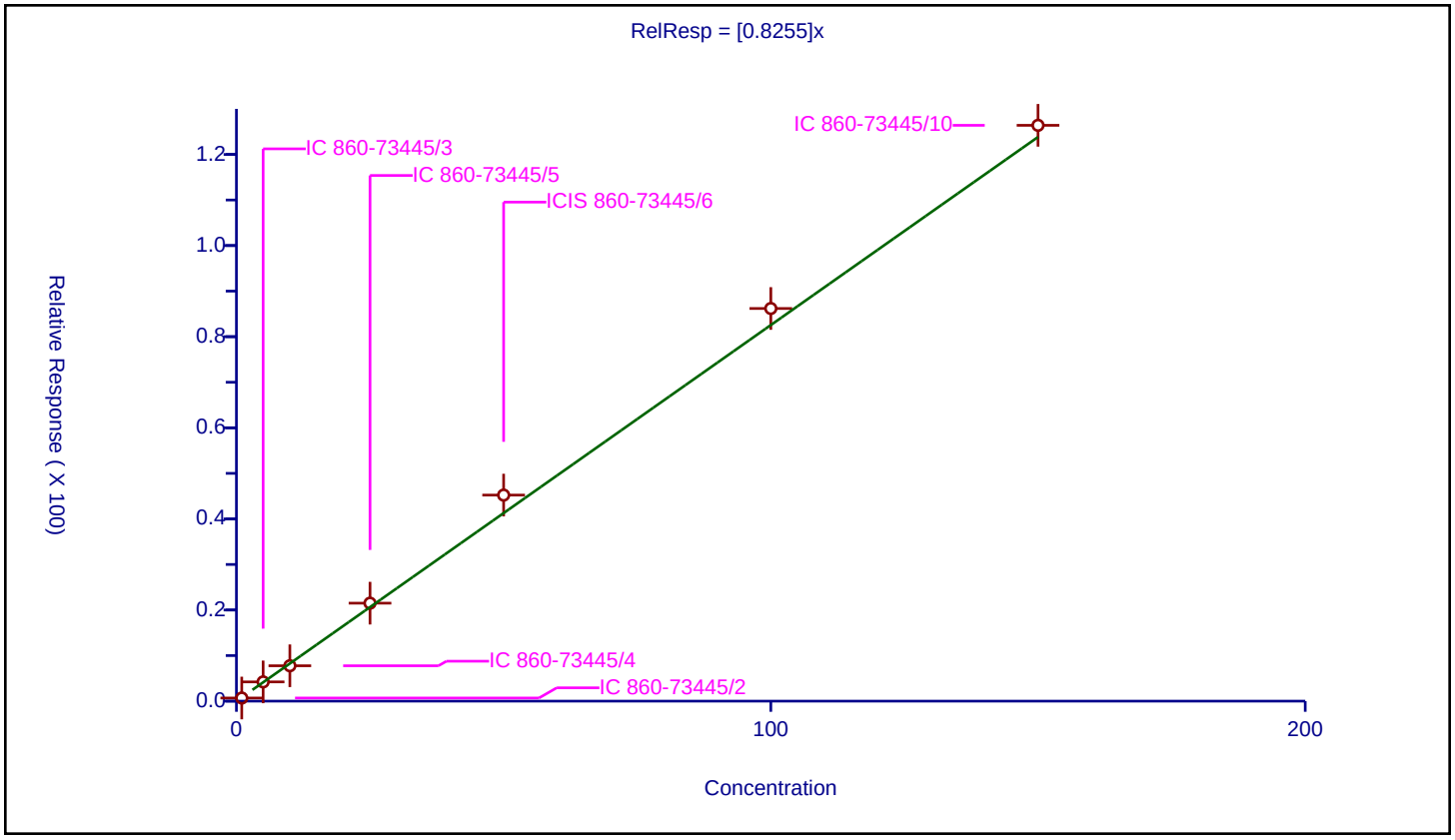
Curve Coefficients

Intercept:	0
Slope:	0.8255

Error Coefficients

Standard Error:	665000
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 860-73445/2	1.0	0.688412	50.0	362501.0	0.688412	Y
2	IC 860-73445/3	5.0	4.222121	50.0	379288.0	0.844424	Y
3	IC 860-73445/4	10.0	7.765642	50.0	405781.0	0.776564	Y
4	IC 860-73445/5	25.0	21.50518	50.0	432626.0	0.860207	Y
5	ICIS 860-73445/6	50.0	45.227964	50.0	463691.0	0.904559	Y
6	IC 860-73445/8	100.0	86.187656	50.0	495897.0	0.861877	Y
7	IC 860-73445/10	150.0	126.392174	50.0	517500.0	0.842614	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

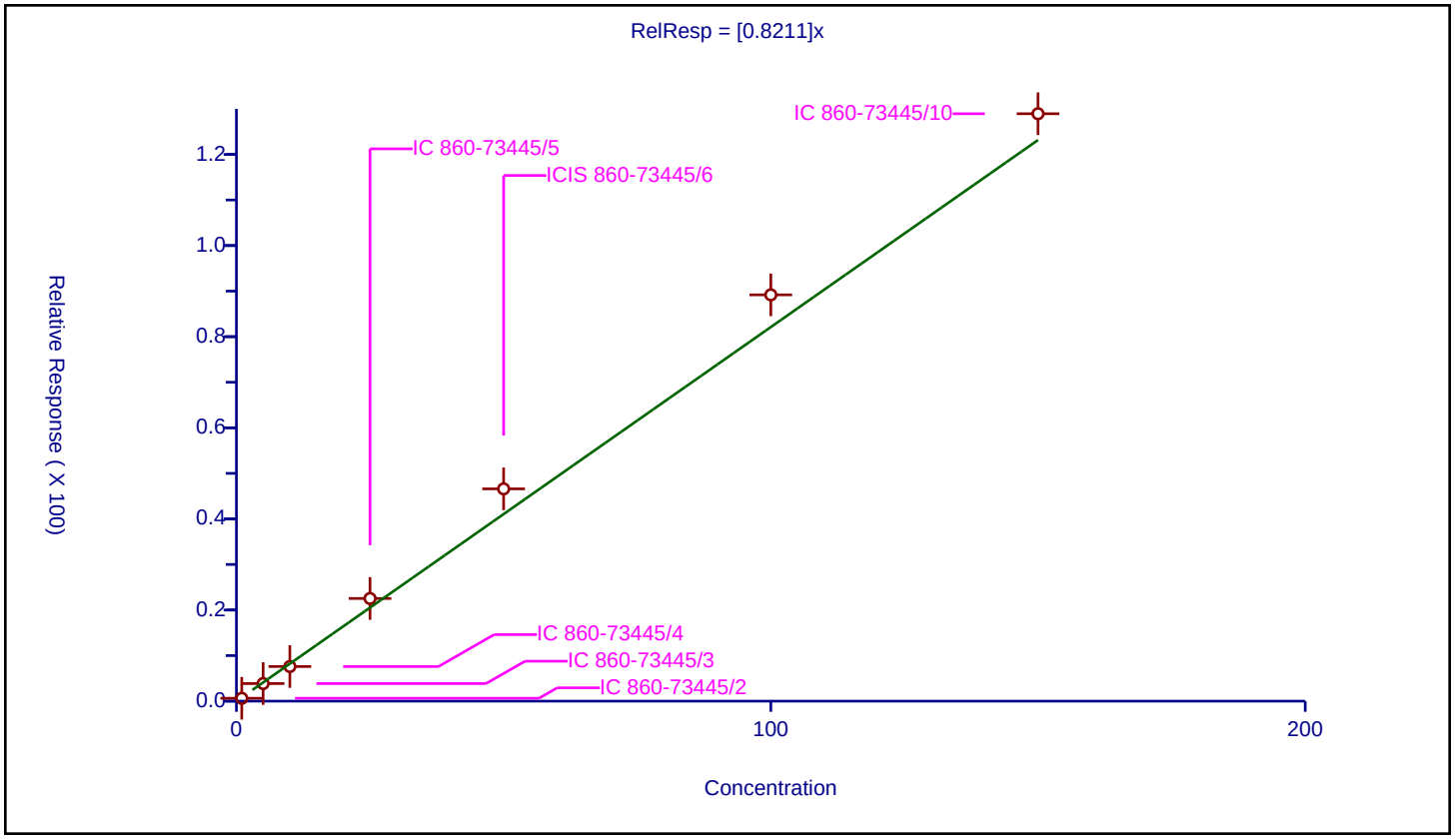
Curve Coefficients

Intercept:	0
Slope:	0.8211

Error Coefficients

Standard Error:	682000
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 860-73445/2	1.0	0.631033	50.0	362501.0	0.631033	Y
2	IC 860-73445/3	5.0	3.860523	50.0	379288.0	0.772105	Y
3	IC 860-73445/4	10.0	7.596955	50.0	405781.0	0.759696	Y
4	IC 860-73445/5	25.0	22.537018	50.0	432626.0	0.901481	Y
5	ICIS 860-73445/6	50.0	46.595685	50.0	463691.0	0.931914	Y
6	IC 860-73445/8	100.0	89.180919	50.0	495897.0	0.891809	Y
7	IC 860-73445/10	150.0	128.938261	50.0	517500.0	0.859588	Y



Calibration / 1,2,3-Trichloropropane

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

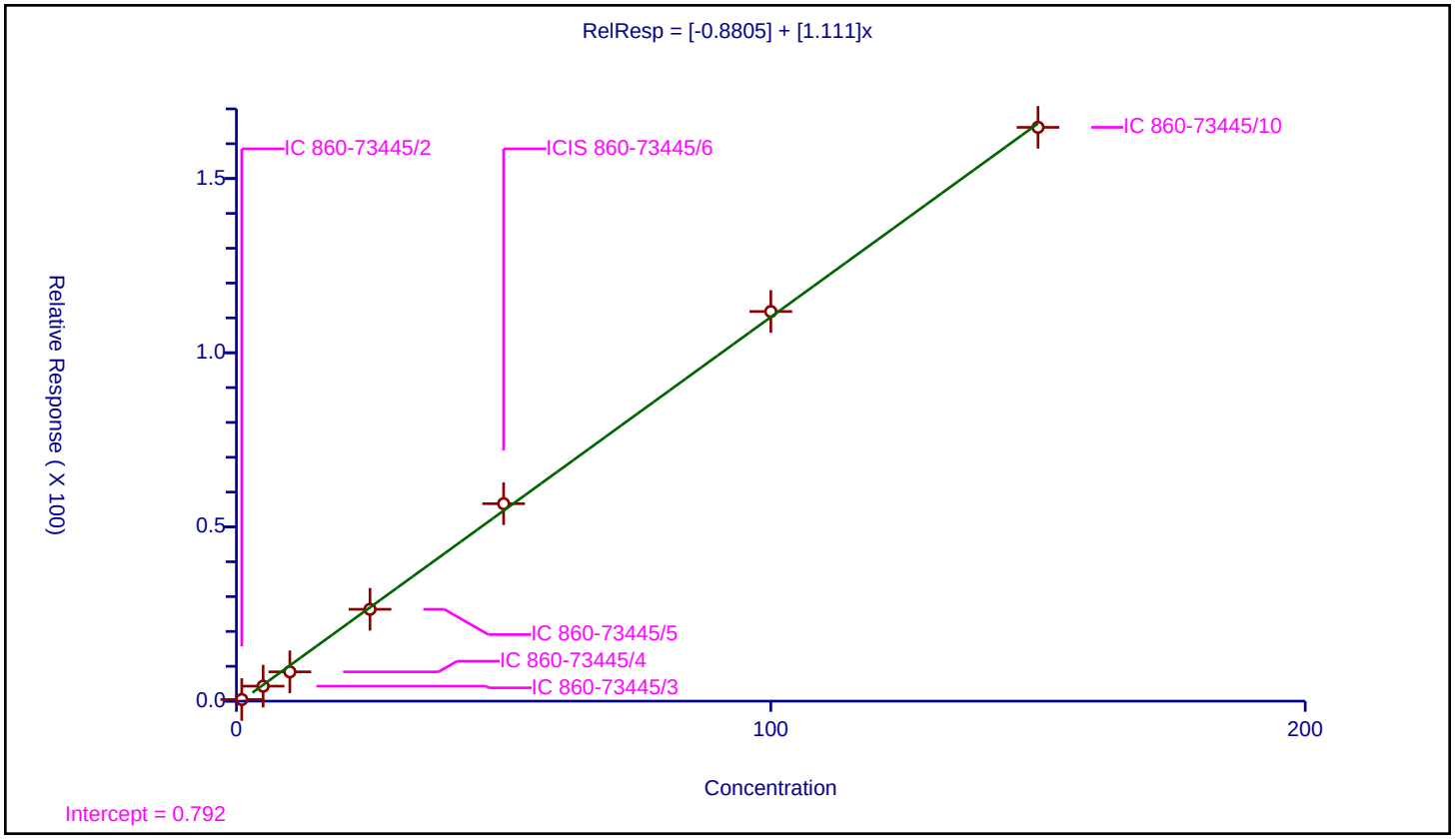
Curve Coefficients

Intercept:	-0.8805
Slope:	1.111

Error Coefficients

Standard Error:	945000
Relative Standard Error:	12.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	1.0	0.459585	50.0	362501.0	0.459585	Y
2	IC 860-73445/3	5.0	4.303194	50.0	379288.0	0.860639	Y
3	IC 860-73445/4	10.0	8.41513	50.0	405781.0	0.841513	Y
4	IC 860-73445/5	25.0	26.365845	50.0	432626.0	1.054634	Y
5	ICIS 860-73445/6	50.0	56.676429	50.0	463691.0	1.133529	Y
6	IC 860-73445/8	100.0	111.840362	50.0	495897.0	1.118404	Y
7	IC 860-73445/10	150.0	164.699324	50.0	517500.0	1.097995	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

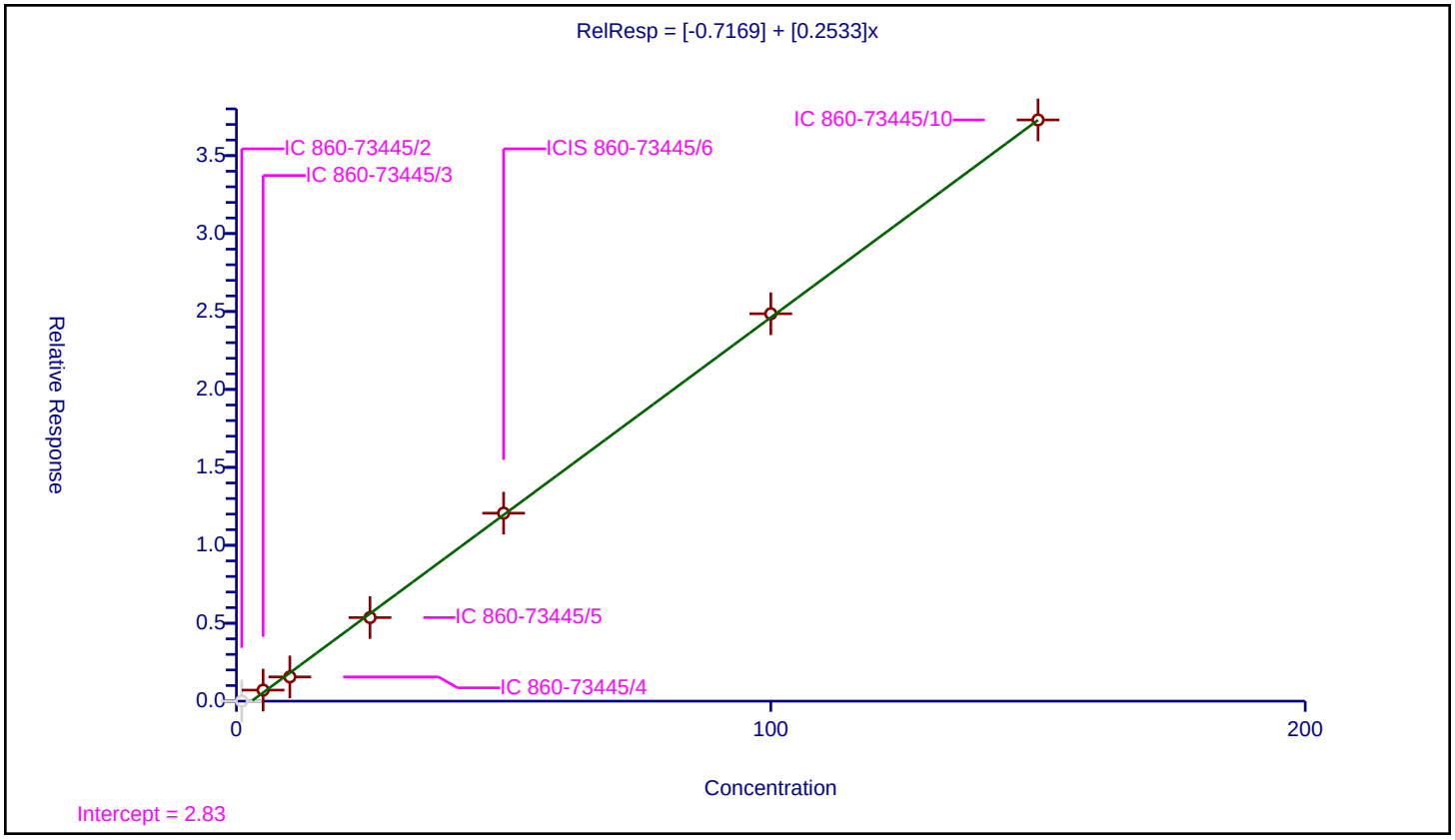
Curve Coefficients

Intercept:	-0.7169
Slope:	0.2533

Error Coefficients

Standard Error:	237000
Relative Standard Error:	8.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	1.0	0.0	50.0	362501.0	0.0	N
2	IC 860-73445/3	5.0	0.707642	50.0	379288.0	0.141528	Y
3	IC 860-73445/4	10.0	1.556258	50.0	405781.0	0.155626	Y
4	IC 860-73445/5	25.0	5.361791	50.0	432626.0	0.214472	Y
5	ICIS 860-73445/6	50.0	12.061804	50.0	463691.0	0.241236	Y
6	IC 860-73445/8	100.0	24.856573	50.0	495897.0	0.248566	Y
7	IC 860-73445/10	150.0	37.291208	50.0	517500.0	0.248608	Y



Calibration / N-Propylbenzene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

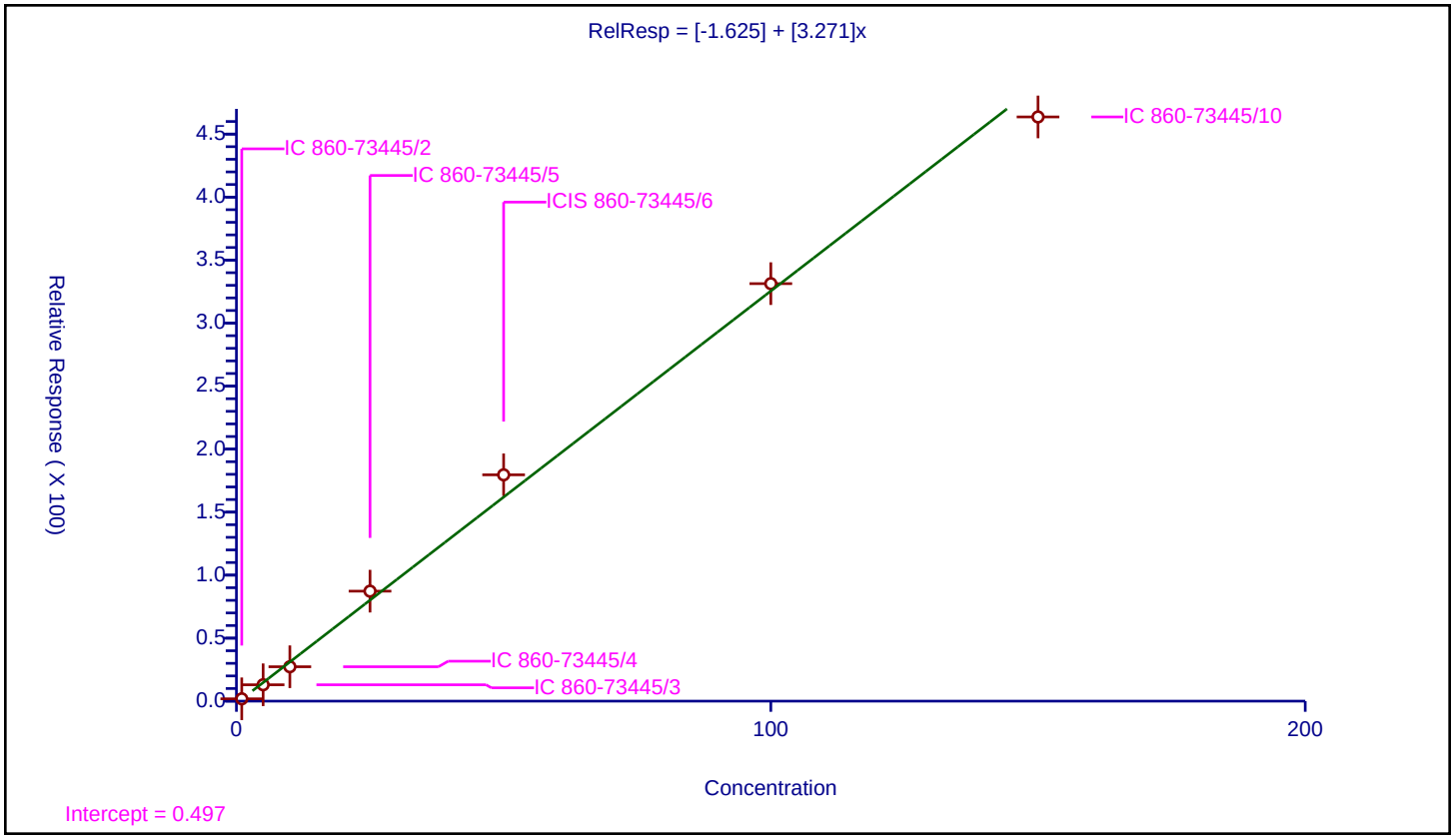
Curve Coefficients

Intercept:	-1.625
Slope:	3.271

Error Coefficients

Standard Error:	2730000
Relative Standard Error:	10.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	1.0	1.841236	50.0	362501.0	1.841236	Y
2	IC 860-73445/3	5.0	12.993556	50.0	379288.0	2.598711	Y
3	IC 860-73445/4	10.0	27.303398	50.0	405781.0	2.73034	Y
4	IC 860-73445/5	25.0	87.29295	50.0	432626.0	3.491718	Y
5	ICIS 860-73445/6	50.0	179.603551	50.0	463691.0	3.592071	Y
6	IC 860-73445/8	100.0	331.317895	50.0	495897.0	3.313179	Y
7	IC 860-73445/10	150.0	463.61372	50.0	517500.0	3.090758	Y



Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

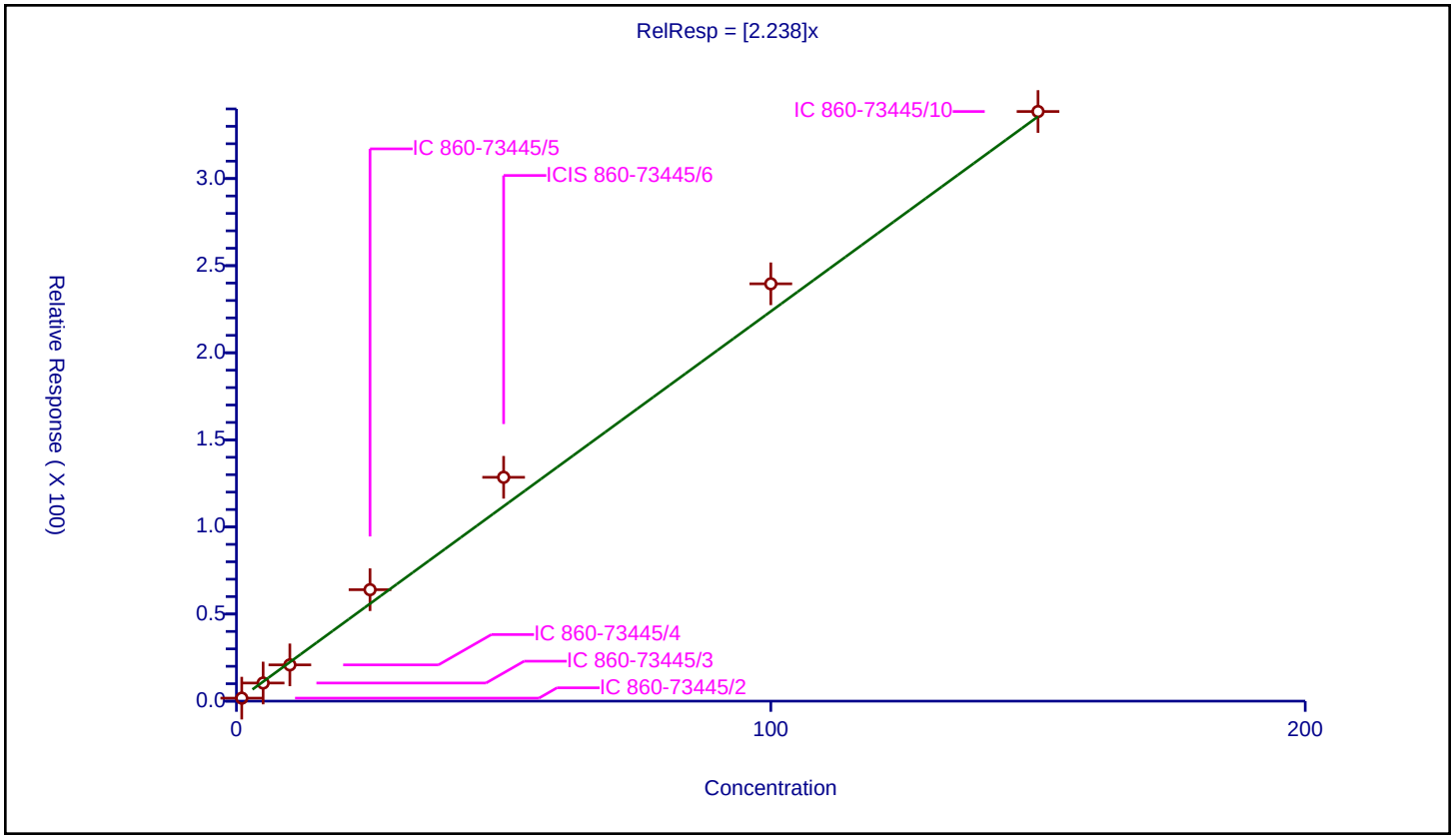
Curve Coefficients

Intercept:	0
Slope:	2.238

Error Coefficients

Standard Error:	1810000
Relative Standard Error:	13.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	1.0	1.718202	50.0	362501.0	1.718202	Y
2	IC 860-73445/3	5.0	10.408845	50.0	379288.0	2.081769	Y
3	IC 860-73445/4	10.0	20.810979	50.0	405781.0	2.081098	Y
4	IC 860-73445/5	25.0	63.974079	50.0	432626.0	2.558963	Y
5	ICIS 860-73445/6	50.0	128.506053	50.0	463691.0	2.570121	Y
6	IC 860-73445/8	100.0	239.586346	50.0	495897.0	2.395863	Y
7	IC 860-73445/10	150.0	338.500773	50.0	517500.0	2.256672	Y



Calibration / 4-Ethyltoluene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

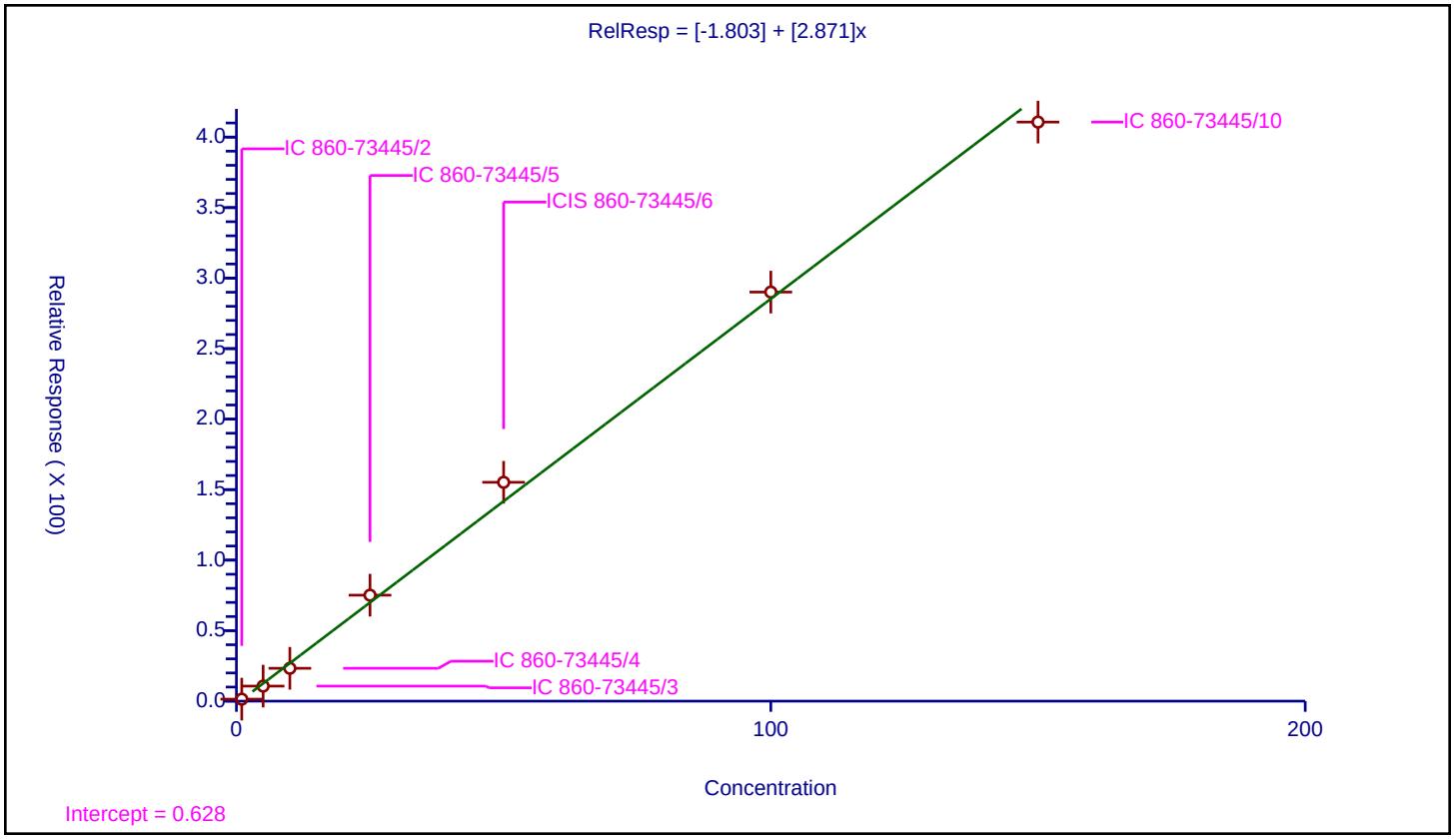
Curve Coefficients

Intercept:	-1.803
Slope:	2.871

Error Coefficients

Standard Error:	2400000
Relative Standard Error:	11.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	1.0	1.4051	50.0	362501.0	1.4051	Y
2	IC 860-73445/3	5.0	10.665906	50.0	379288.0	2.133181	Y
3	IC 860-73445/4	10.0	23.299637	50.0	405781.0	2.329964	Y
4	IC 860-73445/5	25.0	75.141808	50.0	432626.0	3.005672	Y
5	ICIS 860-73445/6	50.0	155.187938	50.0	463691.0	3.103759	Y
6	IC 860-73445/8	100.0	290.096935	50.0	495897.0	2.900969	Y
7	IC 860-73445/10	150.0	410.645507	50.0	517500.0	2.737637	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

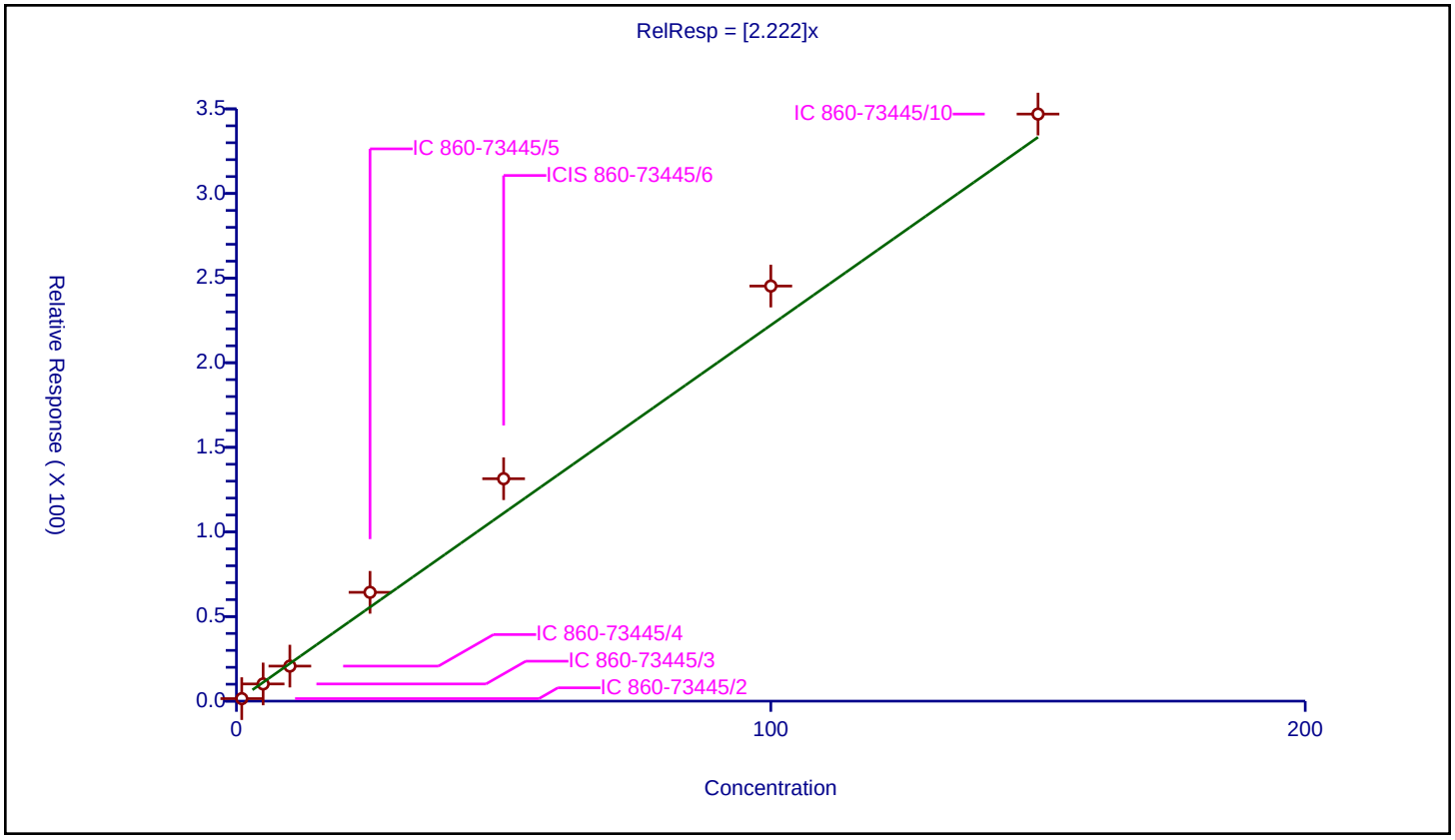
Curve Coefficients

Intercept:	0
Slope:	2.222

Error Coefficients

Standard Error:	1850000
Relative Standard Error:	17.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.969

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	1.0	1.485513	50.0	362501.0	1.485513	Y
2	IC 860-73445/3	5.0	10.153762	50.0	379288.0	2.030752	Y
3	IC 860-73445/4	10.0	20.697987	50.0	405781.0	2.069799	Y
4	IC 860-73445/5	25.0	64.311322	50.0	432626.0	2.572453	Y
5	ICIS 860-73445/6	50.0	131.430845	50.0	463691.0	2.628617	Y
6	IC 860-73445/8	100.0	245.301343	50.0	495897.0	2.453013	Y
7	IC 860-73445/10	150.0	346.941643	50.0	517500.0	2.312944	Y



Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

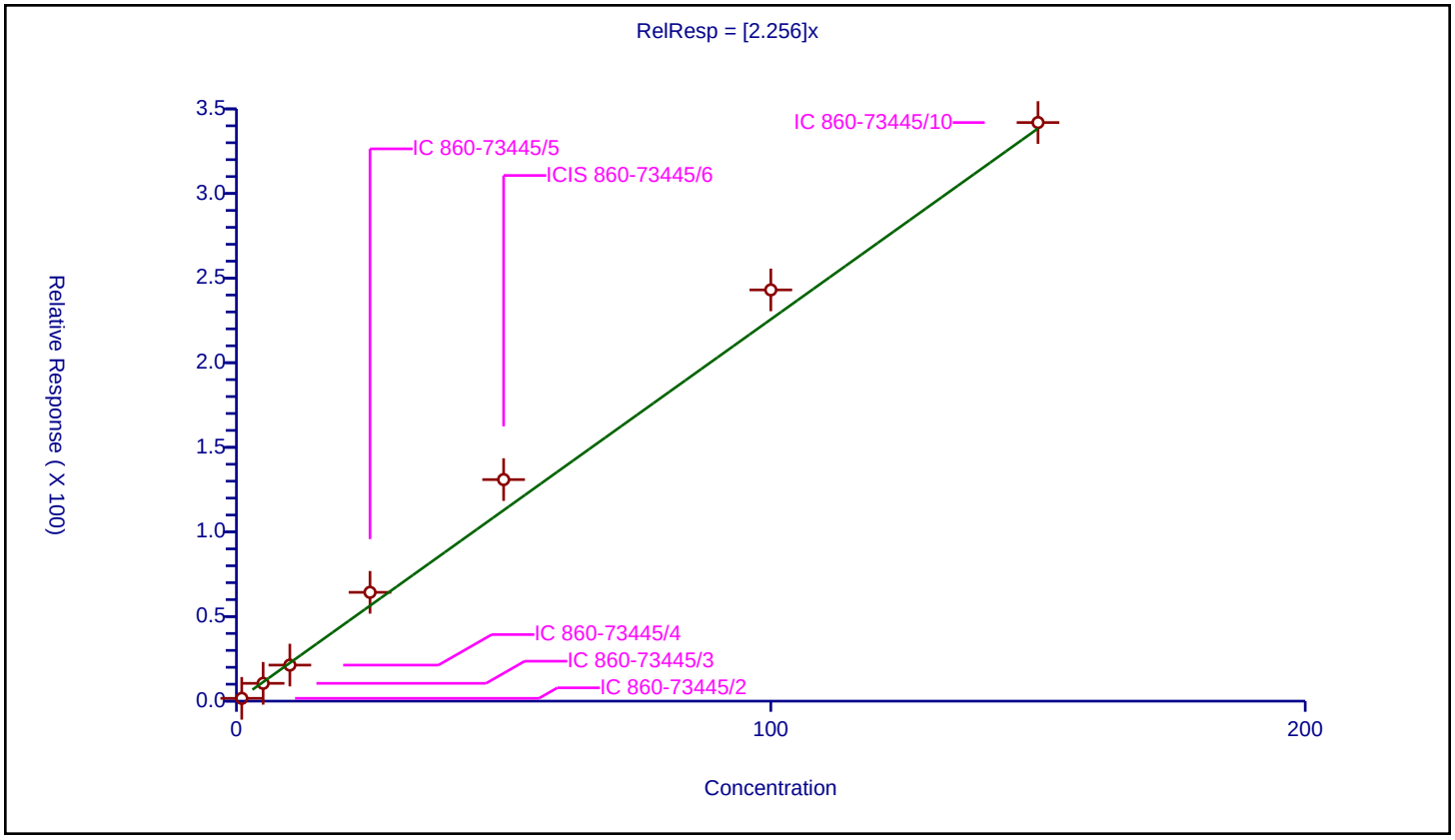
Curve Coefficients

Intercept:	0
Slope:	2.256

Error Coefficients

Standard Error:	1830000
Relative Standard Error:	14.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	1.0	1.658892	50.0	362501.0	1.658892	Y
2	IC 860-73445/3	5.0	10.52327	50.0	379288.0	2.104654	Y
3	IC 860-73445/4	10.0	21.300776	50.0	405781.0	2.130078	Y
4	IC 860-73445/5	25.0	64.299996	50.0	432626.0	2.572	Y
5	ICIS 860-73445/6	50.0	130.93407	50.0	463691.0	2.618681	Y
6	IC 860-73445/8	100.0	243.028088	50.0	495897.0	2.430281	Y
7	IC 860-73445/10	150.0	341.938744	50.0	517500.0	2.279592	Y



Calibration / tert-Butylbenzene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

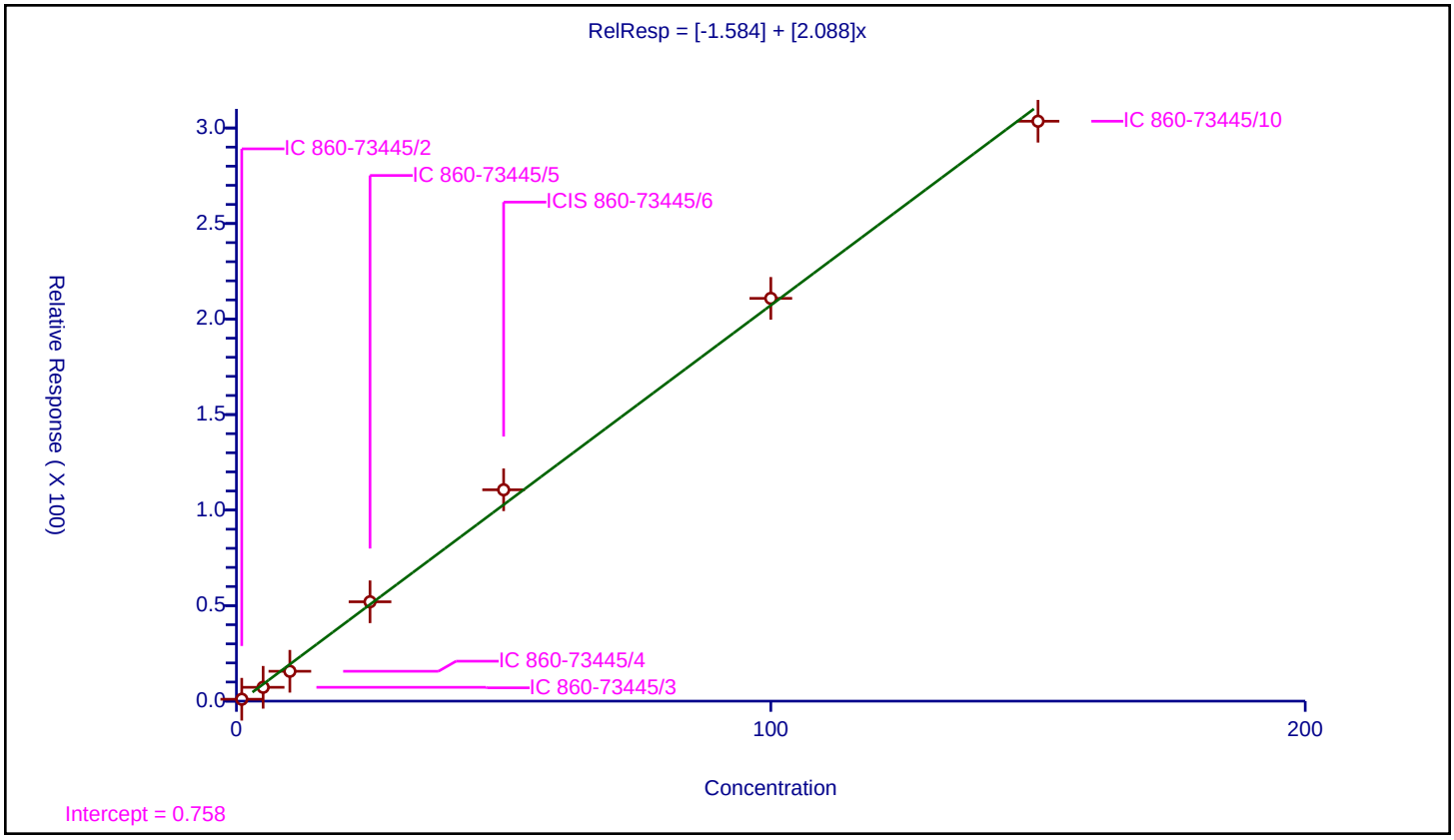
Curve Coefficients

Intercept:	-1.584
Slope:	2.088

Error Coefficients

Standard Error:	1760000
Relative Standard Error:	15.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	1.0	0.998894	50.0	362501.0	0.998894	Y
2	IC 860-73445/3	5.0	7.238695	50.0	379288.0	1.447739	Y
3	IC 860-73445/4	10.0	15.637006	50.0	405781.0	1.563701	Y
4	IC 860-73445/5	25.0	52.00693	50.0	432626.0	2.080277	Y
5	ICIS 860-73445/6	50.0	110.623346	50.0	463691.0	2.212467	Y
6	IC 860-73445/8	100.0	210.827551	50.0	495897.0	2.108276	Y
7	IC 860-73445/10	150.0	303.550145	50.0	517500.0	2.023668	Y



Calibration / 1,2,4-Trimethylbenzene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

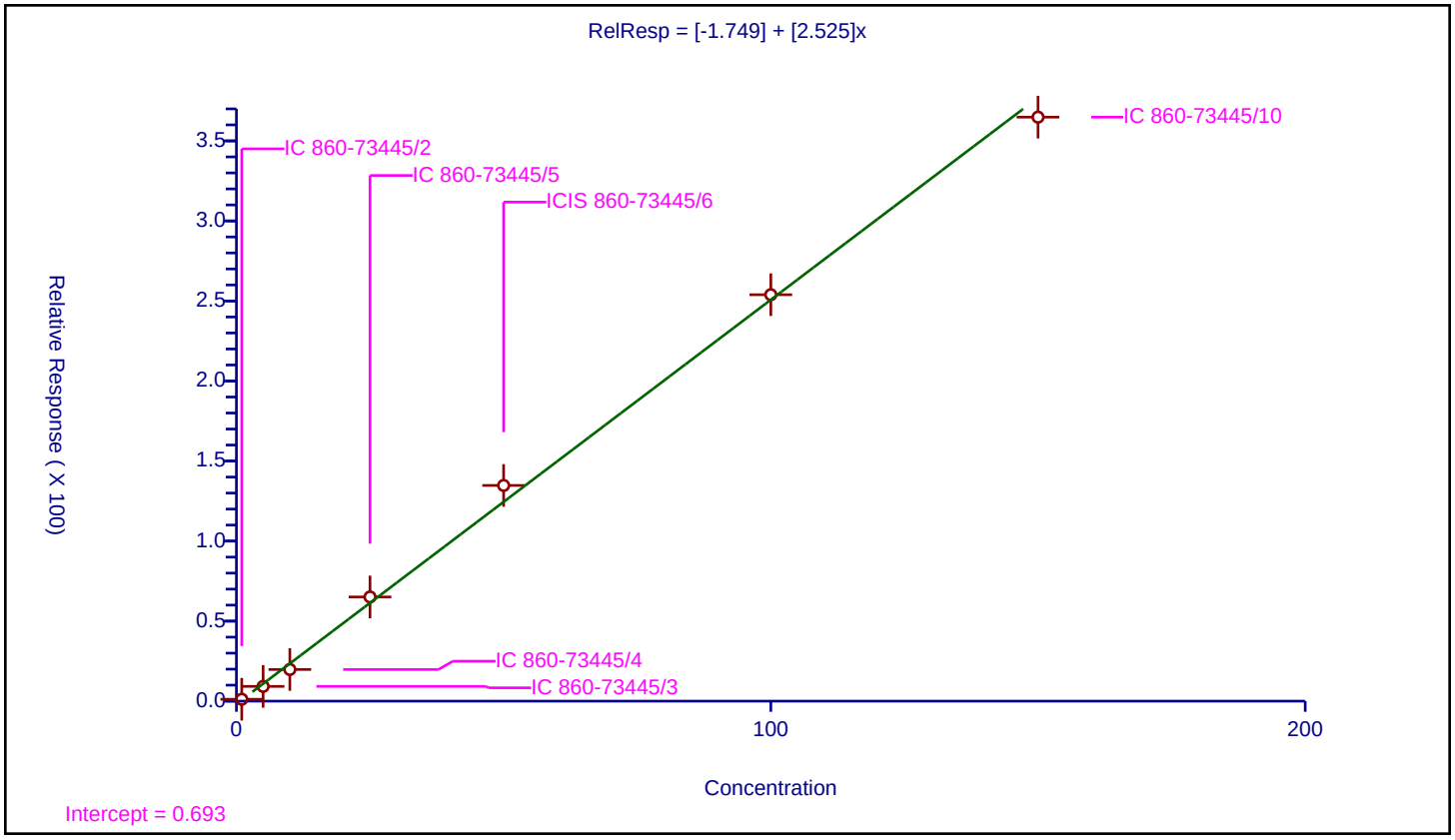
Curve Coefficients

Intercept:	-1.749
Slope:	2.525

Error Coefficients

Standard Error:	2120000
Relative Standard Error:	12.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	1.0	1.178066	50.0	362501.0	1.178066	Y
2	IC 860-73445/3	5.0	9.203033	50.0	379288.0	1.840607	Y
3	IC 860-73445/4	10.0	19.781113	50.0	405781.0	1.978111	Y
4	IC 860-73445/5	25.0	65.080693	50.0	432626.0	2.603228	Y
5	ICIS 860-73445/6	50.0	134.760002	50.0	463691.0	2.6952	Y
6	IC 860-73445/8	100.0	253.91301	50.0	495897.0	2.53913	Y
7	IC 860-73445/10	150.0	364.835749	50.0	517500.0	2.432238	Y



Calibration / sec-Butylbenzene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

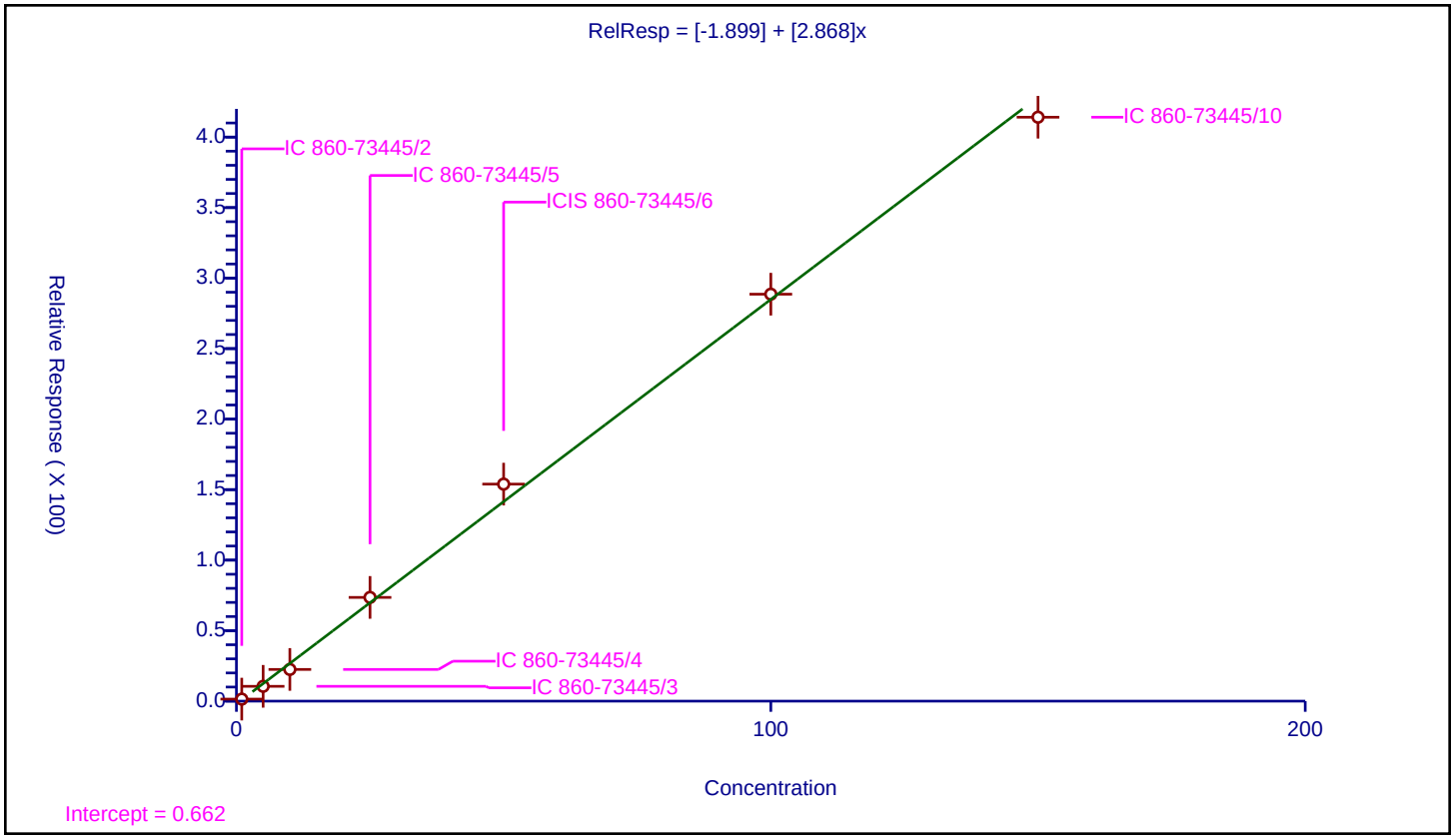
Curve Coefficients

Intercept:	-1.899
Slope:	2.868

Error Coefficients

Standard Error:	2410000
Relative Standard Error:	12.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	1.0	1.44041	50.0	362501.0	1.44041	Y
2	IC 860-73445/3	5.0	10.517733	50.0	379288.0	2.103547	Y
3	IC 860-73445/4	10.0	22.489471	50.0	405781.0	2.248947	Y
4	IC 860-73445/5	25.0	73.559842	50.0	432626.0	2.942394	Y
5	ICIS 860-73445/6	50.0	153.899688	50.0	463691.0	3.077994	Y
6	IC 860-73445/8	100.0	288.600657	50.0	495897.0	2.886007	Y
7	IC 860-73445/10	150.0	414.107536	50.0	517500.0	2.760717	Y



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

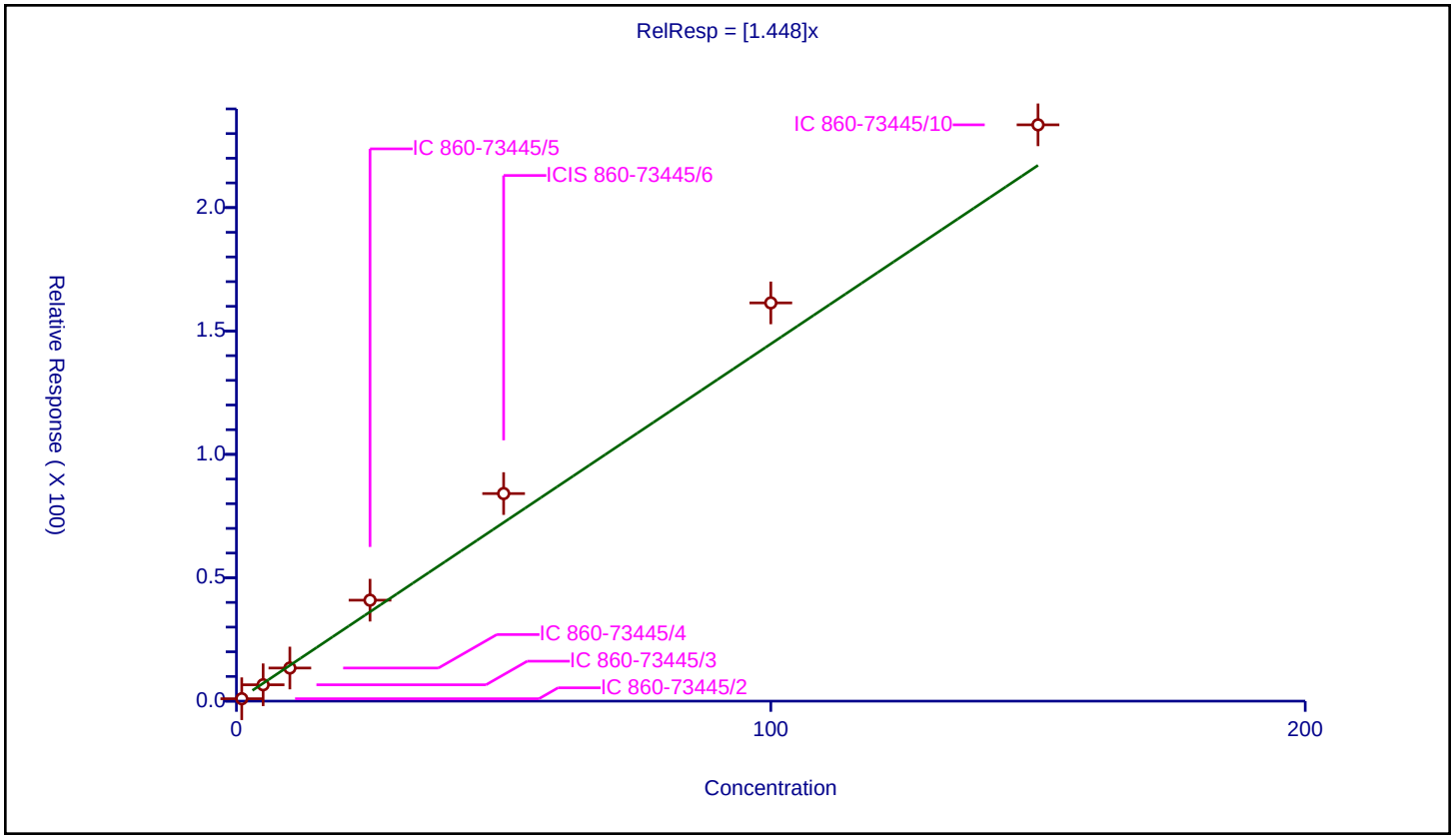
Curve Coefficients

Intercept:	0
Slope:	1.448

Error Coefficients

Standard Error:	1230000
Relative Standard Error:	17.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.971

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	1.0	0.974756	50.0	362501.0	0.974756	Y
2	IC 860-73445/3	5.0	6.633482	50.0	379288.0	1.326696	Y
3	IC 860-73445/4	10.0	13.421649	50.0	405781.0	1.342165	Y
4	IC 860-73445/5	25.0	40.908891	50.0	432626.0	1.636356	Y
5	ICIS 860-73445/6	50.0	84.116578	50.0	463691.0	1.682332	Y
6	IC 860-73445/8	100.0	161.388554	50.0	495897.0	1.613886	Y
7	IC 860-73445/10	150.0	233.541159	50.0	517500.0	1.556941	Y



Calibration / 4-Isopropyltoluene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

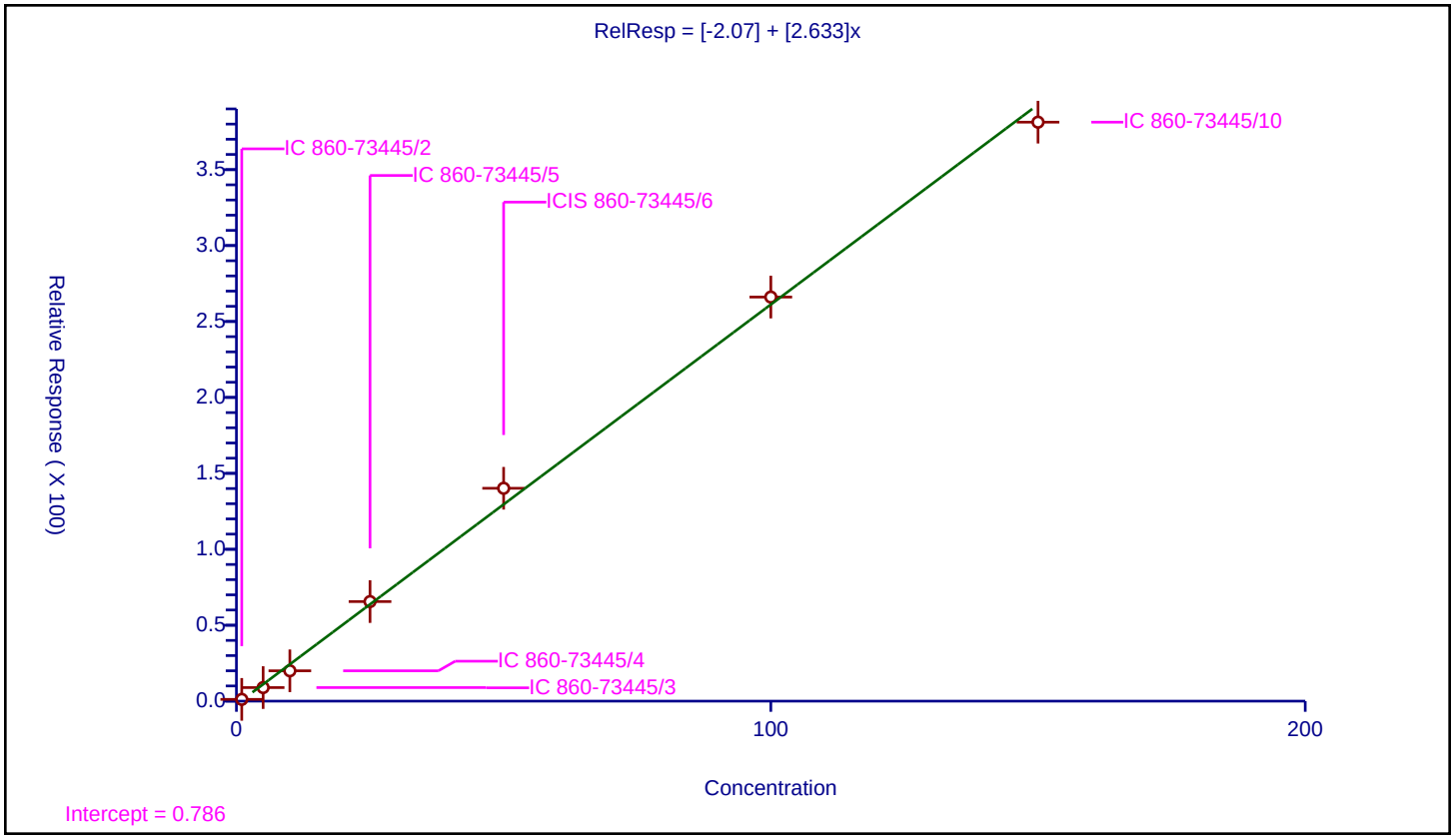
Curve Coefficients

Intercept:	-2.07
Slope:	2.633

Error Coefficients

Standard Error:	2220000
Relative Standard Error:	15.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	1.0	1.162342	50.0	362501.0	1.162342	Y
2	IC 860-73445/3	5.0	8.937799	50.0	379288.0	1.78756	Y
3	IC 860-73445/4	10.0	19.991941	50.0	405781.0	1.999194	Y
4	IC 860-73445/5	25.0	65.57604	50.0	432626.0	2.623042	Y
5	ICIS 860-73445/6	50.0	140.179559	50.0	463691.0	2.803591	Y
6	IC 860-73445/8	100.0	266.089027	50.0	495897.0	2.66089	Y
7	IC 860-73445/10	150.0	381.264155	50.0	517500.0	2.541761	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

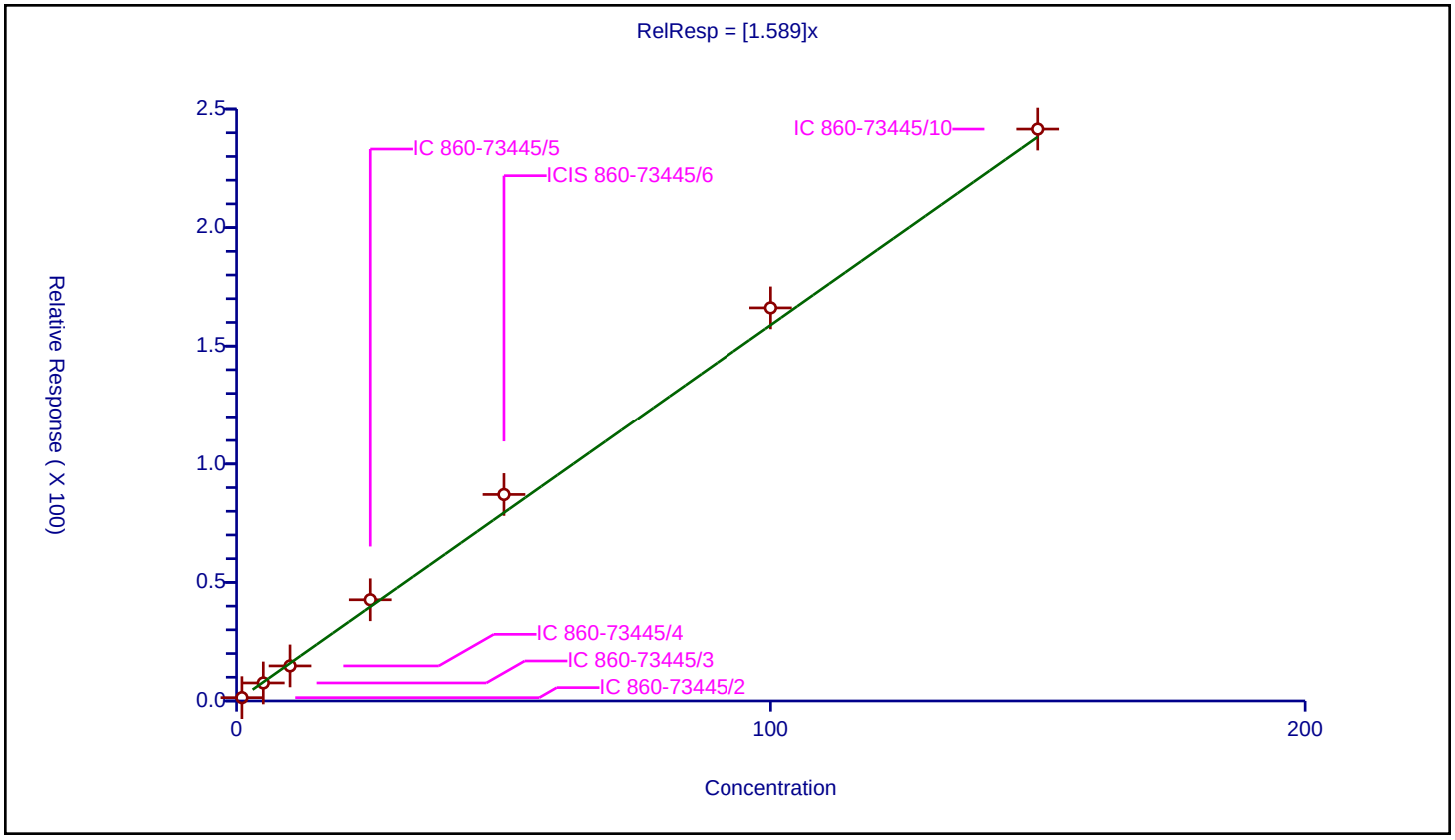
Curve Coefficients

Intercept:	0
Slope:	1.589

Error Coefficients

Standard Error:	1280000
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 860-73445/2	1.0	1.401513	50.0	362501.0	1.401513	Y
2	IC 860-73445/3	5.0	7.596734	50.0	379288.0	1.519347	Y
3	IC 860-73445/4	10.0	14.783837	50.0	405781.0	1.478384	Y
4	IC 860-73445/5	25.0	42.668957	50.0	432626.0	1.706758	Y
5	ICIS 860-73445/6	50.0	87.092158	50.0	463691.0	1.741843	Y
6	IC 860-73445/8	100.0	166.140247	50.0	495897.0	1.661402	Y
7	IC 860-73445/10	150.0	241.557874	50.0	517500.0	1.610386	Y



Calibration / Dicyclopentadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

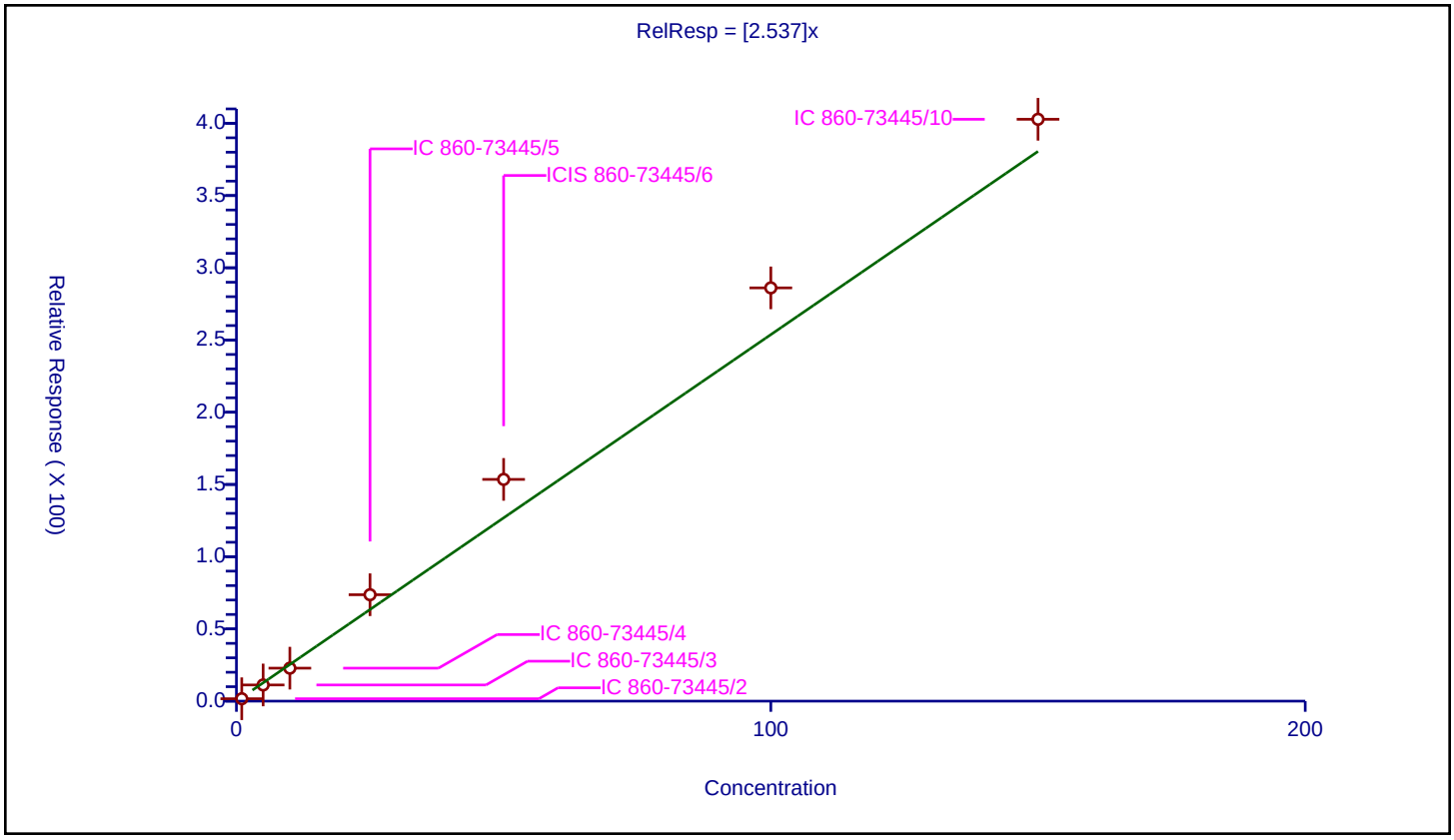
Curve Coefficients

Intercept:	0
Slope:	2.537

Error Coefficients

Standard Error:	2160000
Relative Standard Error:	19.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.963

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	1.0	1.676133	50.0	362501.0	1.676133	Y
2	IC 860-73445/3	5.0	11.195055	50.0	379288.0	2.239011	Y
3	IC 860-73445/4	10.0	22.827338	50.0	405781.0	2.282734	Y
4	IC 860-73445/5	25.0	73.669752	50.0	432626.0	2.94679	Y
5	ICIS 860-73445/6	50.0	153.502117	50.0	463691.0	3.070042	Y
6	IC 860-73445/8	100.0	286.0956	50.0	495897.0	2.860956	Y
7	IC 860-73445/10	150.0	402.807343	50.0	517500.0	2.685382	Y



Calibration / Benzyl chloride

Curve Type:	Quadratic
Weighting:	None
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

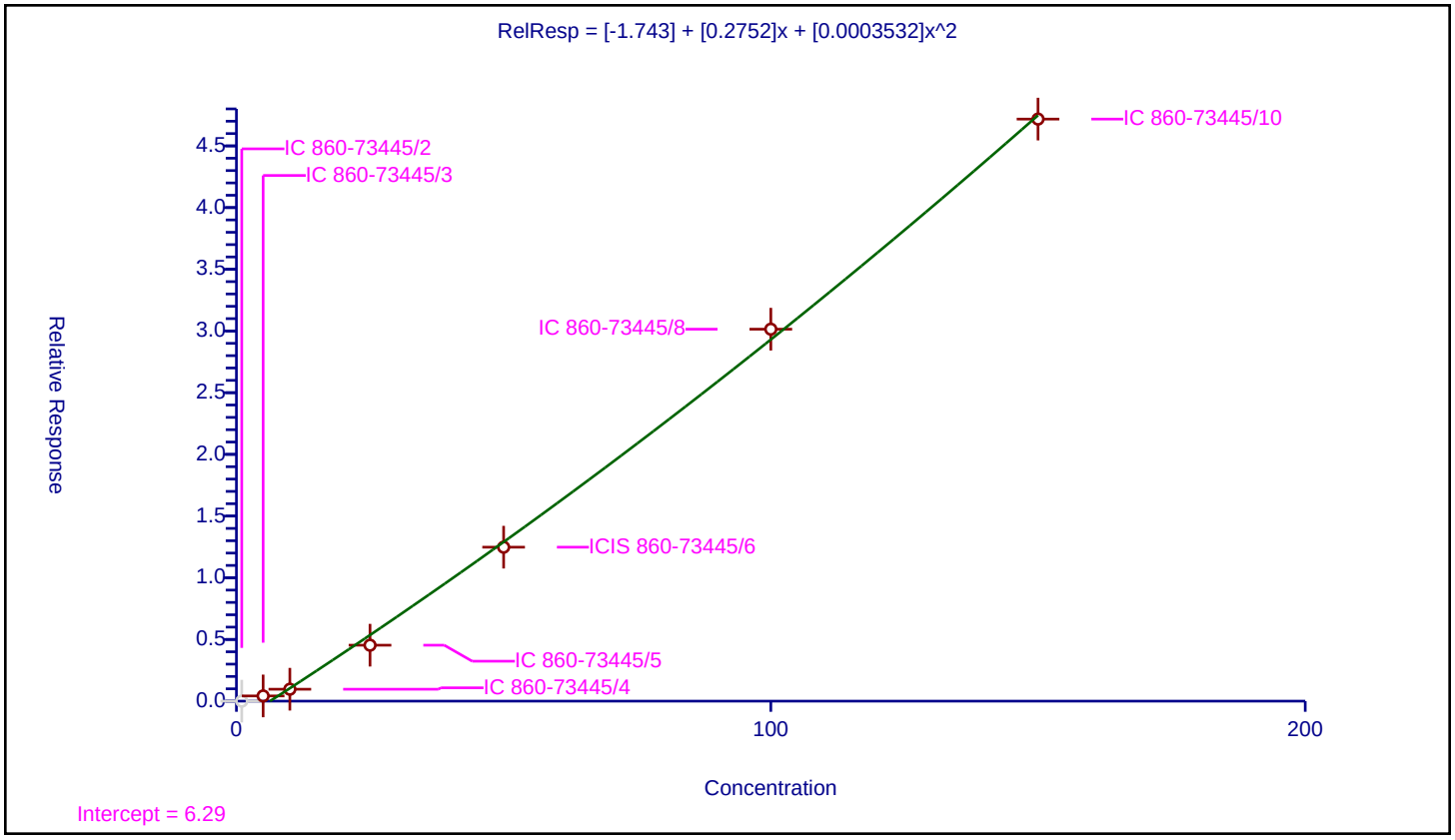
Curve Coefficients

Intercept:	-1.743
Slope:	0.2752
Second Order:	0.0003532

Error Coefficients

Standard Error:	338000
Relative Standard Error:	33.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	1.0	0.0	50.0	362501.0	0.0	N
2	IC 860-73445/3	5.0	0.422766	50.0	379288.0	0.084553	Y
3	IC 860-73445/4	10.0	0.967024	50.0	405781.0	0.096702	Y
4	IC 860-73445/5	25.0	4.534286	50.0	432626.0	0.181371	Y
5	ICIS 860-73445/6	50.0	12.478892	50.0	463691.0	0.249578	Y
6	IC 860-73445/8	100.0	30.145776	50.0	495897.0	0.301458	Y
7	IC 860-73445/10	150.0	47.173623	50.0	517500.0	0.314491	Y



Calibration / n-Butylbenzene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

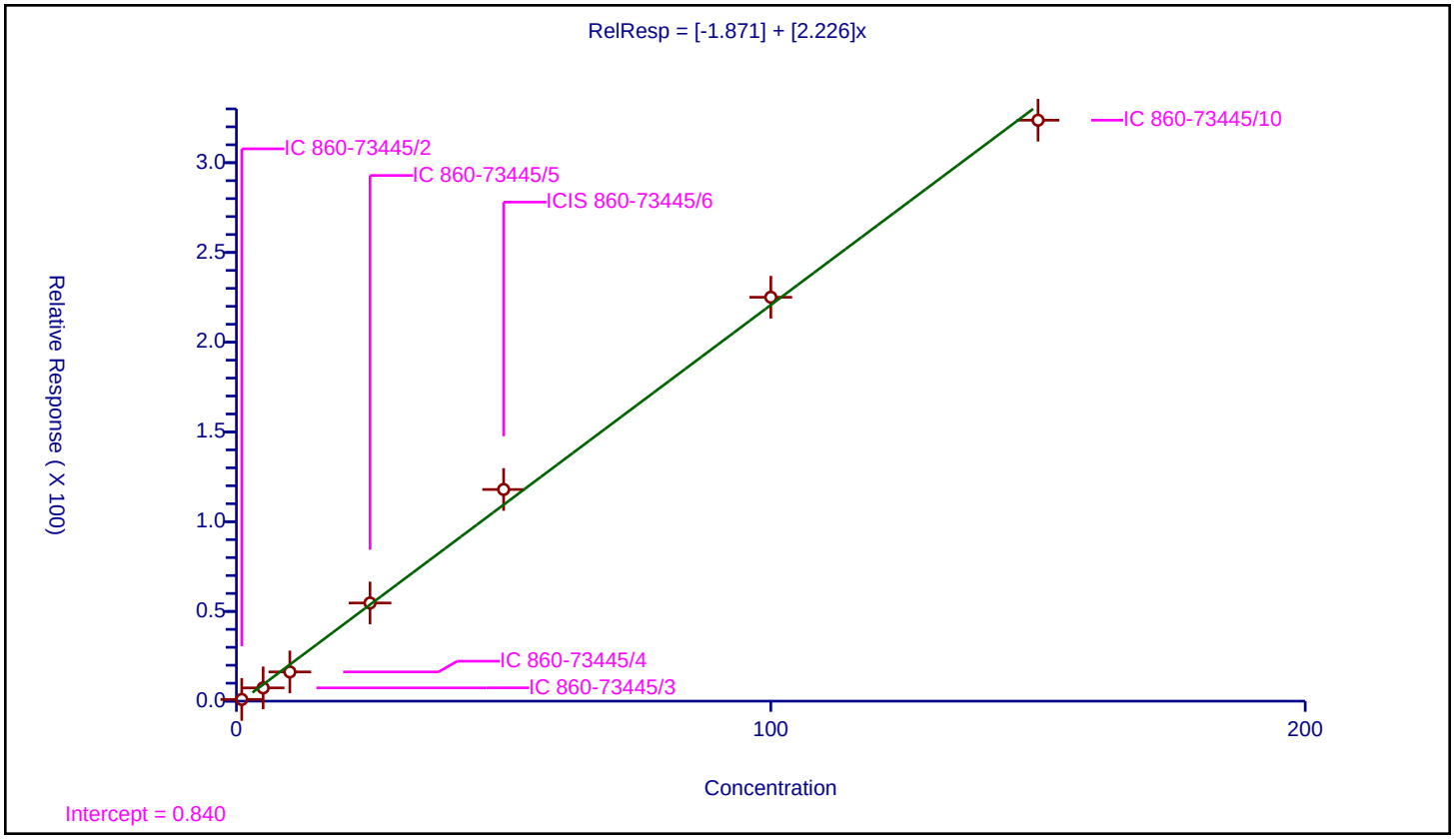
Curve Coefficients

Intercept:	-1.871
Slope:	2.226

Error Coefficients

Standard Error:	1880000
Relative Standard Error:	16.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	1.0	0.947997	50.0	362501.0	0.947997	Y
2	IC 860-73445/3	5.0	7.376716	50.0	379288.0	1.475343	Y
3	IC 860-73445/4	10.0	16.283291	50.0	405781.0	1.628329	Y
4	IC 860-73445/5	25.0	54.687767	50.0	432626.0	2.187511	Y
5	ICIS 860-73445/6	50.0	117.928966	50.0	463691.0	2.358579	Y
6	IC 860-73445/8	100.0	225.04139	50.0	495897.0	2.250414	Y
7	IC 860-73445/10	150.0	323.686087	50.0	517500.0	2.157907	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

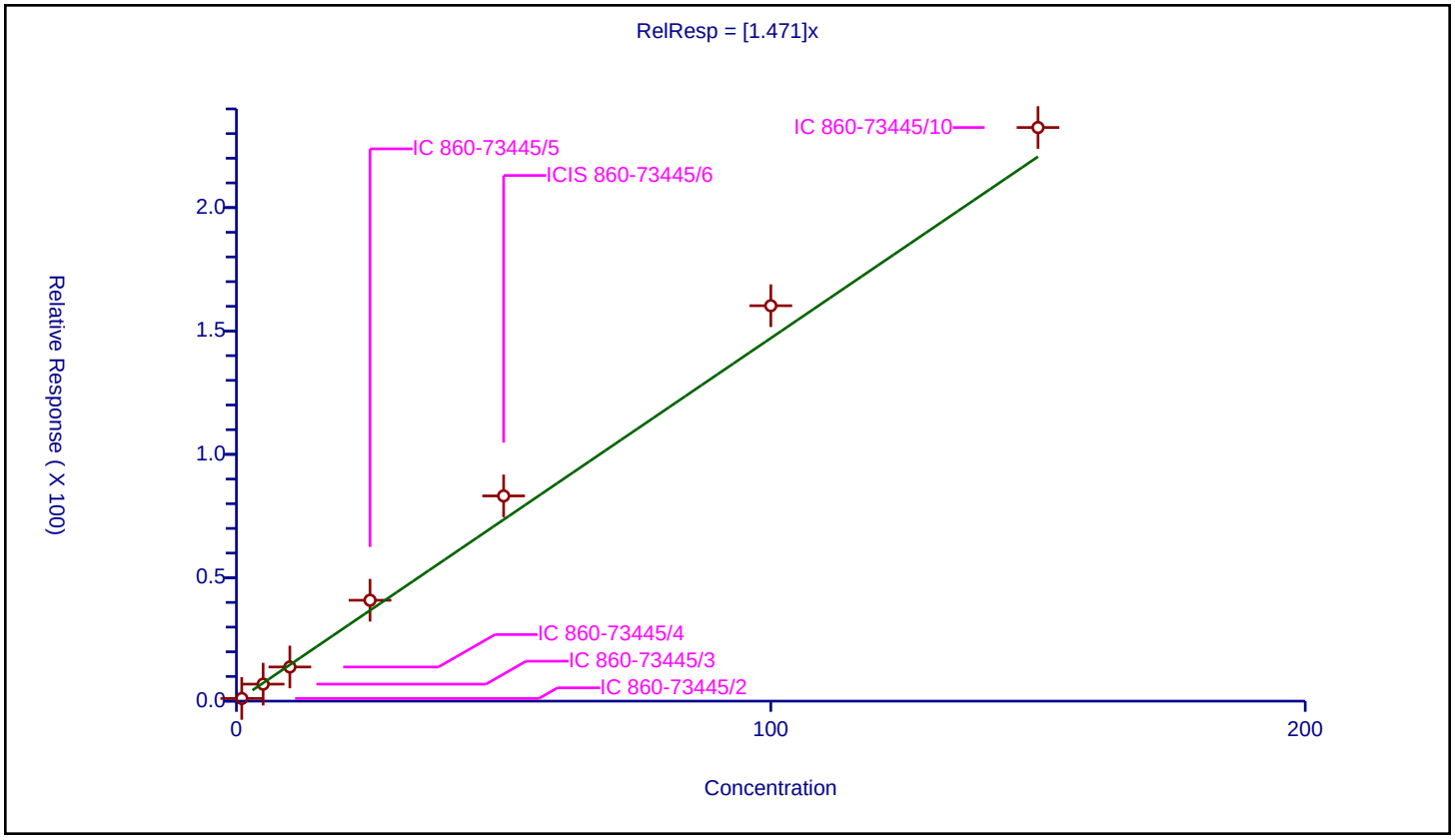
Curve Coefficients

Intercept:	0
Slope:	1.471

Error Coefficients

Standard Error:	1230000
Relative Standard Error:	14.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	1.0	1.082204	50.0	362501.0	1.082204	Y
2	IC 860-73445/3	5.0	6.896211	50.0	379288.0	1.379242	Y
3	IC 860-73445/4	10.0	13.84466	50.0	405781.0	1.384466	Y
4	IC 860-73445/5	25.0	40.894907	50.0	432626.0	1.635796	Y
5	ICIS 860-73445/6	50.0	83.163033	50.0	463691.0	1.663261	Y
6	IC 860-73445/8	100.0	160.239021	50.0	495897.0	1.60239	Y
7	IC 860-73445/10	150.0	232.454203	50.0	517500.0	1.549695	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

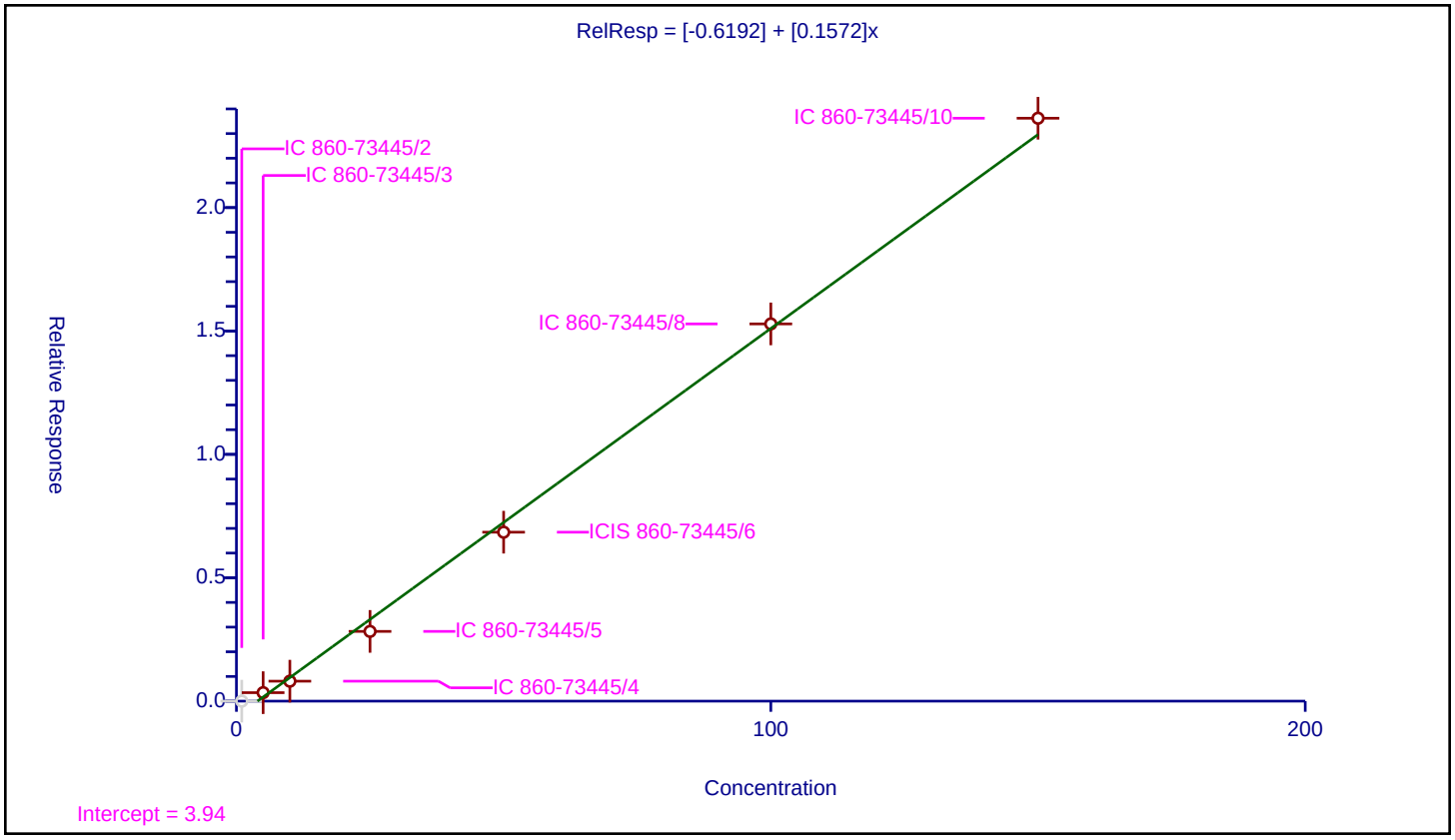
Curve Coefficients

Intercept:	-0.6192
Slope:	0.1572

Error Coefficients

Standard Error:	148000
Relative Standard Error:	13.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	1.0	0.0	50.0	362501.0	0.0	N
2	IC 860-73445/3	5.0	0.34367	50.0	379288.0	0.068734	Y
3	IC 860-73445/4	10.0	0.809304	50.0	405781.0	0.08093	Y
4	IC 860-73445/5	25.0	2.826229	50.0	432626.0	0.113049	Y
5	ICIS 860-73445/6	50.0	6.846693	50.0	463691.0	0.136934	Y
6	IC 860-73445/8	100.0	15.286844	50.0	495897.0	0.152868	Y
7	IC 860-73445/10	150.0	23.622609	50.0	517500.0	0.157484	Y



Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

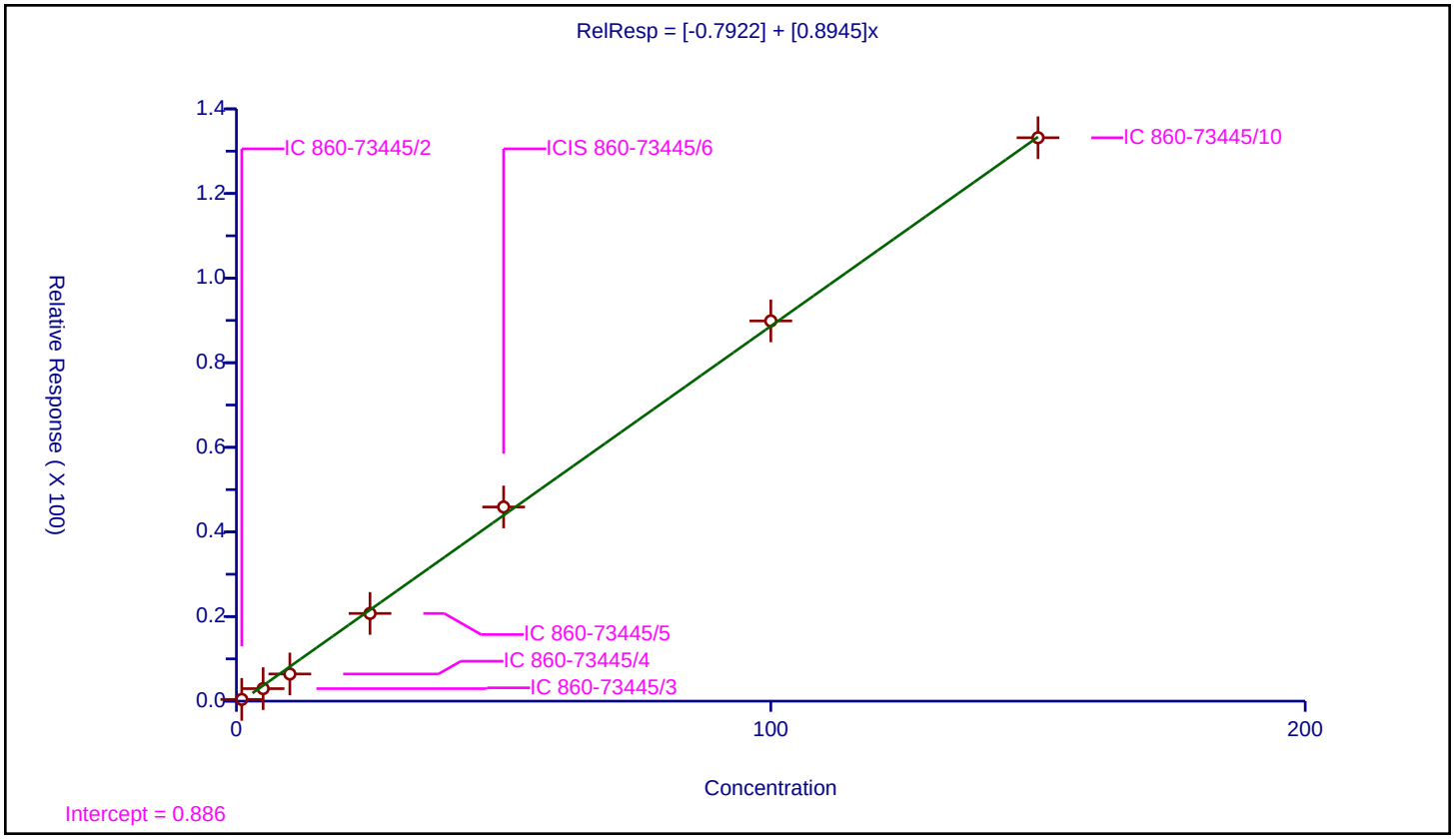
Curve Coefficients

Intercept:	-0.7922
Slope:	0.8945

Error Coefficients

Standard Error:	763000
Relative Standard Error:	19.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	1.0	0.403999	50.0	362501.0	0.403999	Y
2	IC 860-73445/3	5.0	2.955406	50.0	379288.0	0.591081	Y
3	IC 860-73445/4	10.0	6.417994	50.0	405781.0	0.641799	Y
4	IC 860-73445/5	25.0	20.729452	50.0	432626.0	0.829178	Y
5	ICIS 860-73445/6	50.0	45.894033	50.0	463691.0	0.917881	Y
6	IC 860-73445/8	100.0	89.882173	50.0	495897.0	0.898822	Y
7	IC 860-73445/10	150.0	133.180773	50.0	517500.0	0.887872	Y



Calibration / Hexachlorobutadiene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

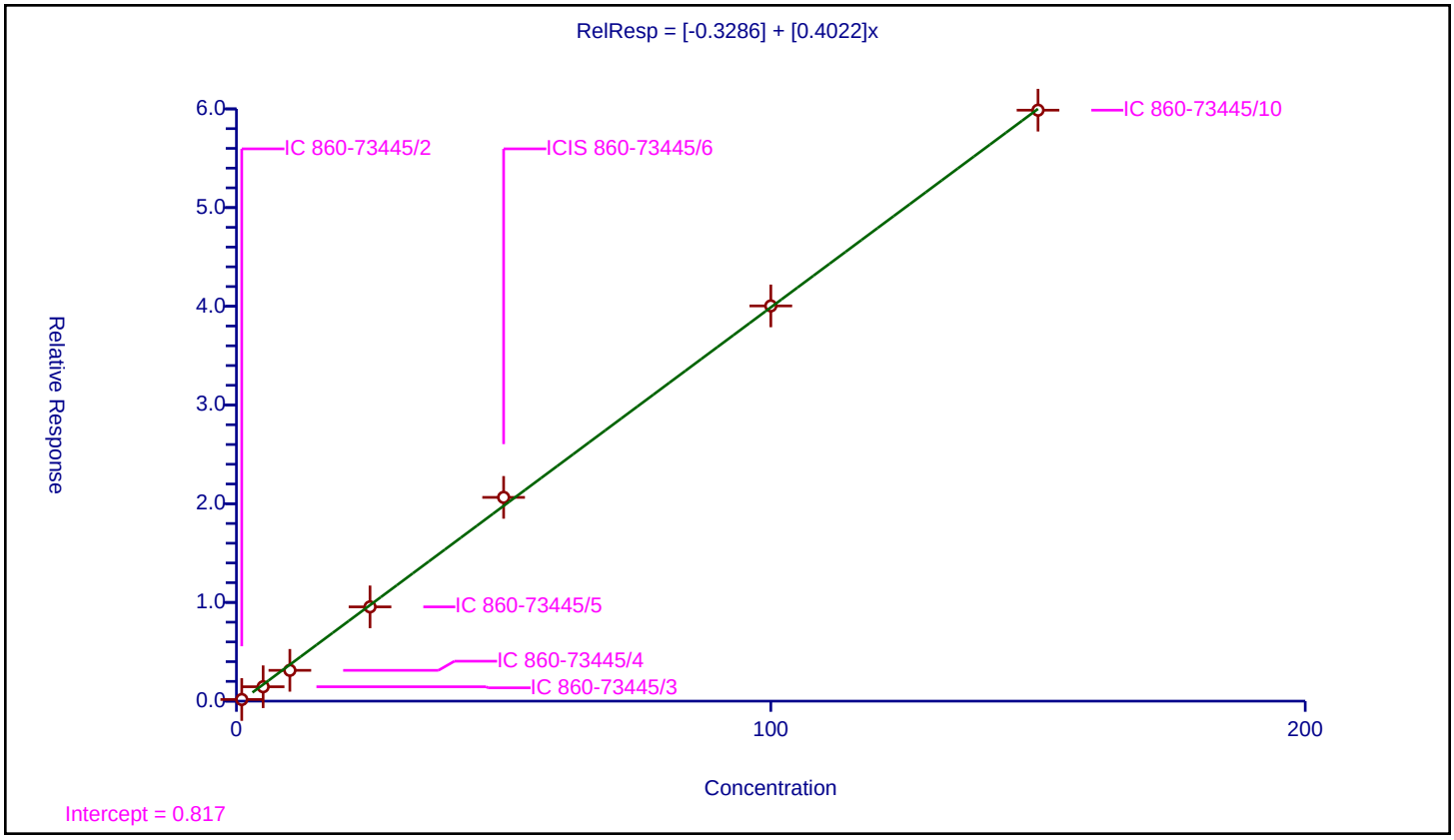
Curve Coefficients

Intercept:	-0.3286
Slope:	0.4022

Error Coefficients

Standard Error:	342000
Relative Standard Error:	13.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	1.0	0.164827	50.0	362501.0	0.164827	Y
2	IC 860-73445/3	5.0	1.457995	50.0	379288.0	0.291599	Y
3	IC 860-73445/4	10.0	3.121635	50.0	405781.0	0.312163	Y
4	IC 860-73445/5	25.0	9.550397	50.0	432626.0	0.382016	Y
5	ICIS 860-73445/6	50.0	20.643165	50.0	463691.0	0.412863	Y
6	IC 860-73445/8	100.0	40.040573	50.0	495897.0	0.400406	Y
7	IC 860-73445/10	150.0	59.871787	50.0	517500.0	0.399145	Y



Calibration / Naphthalene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

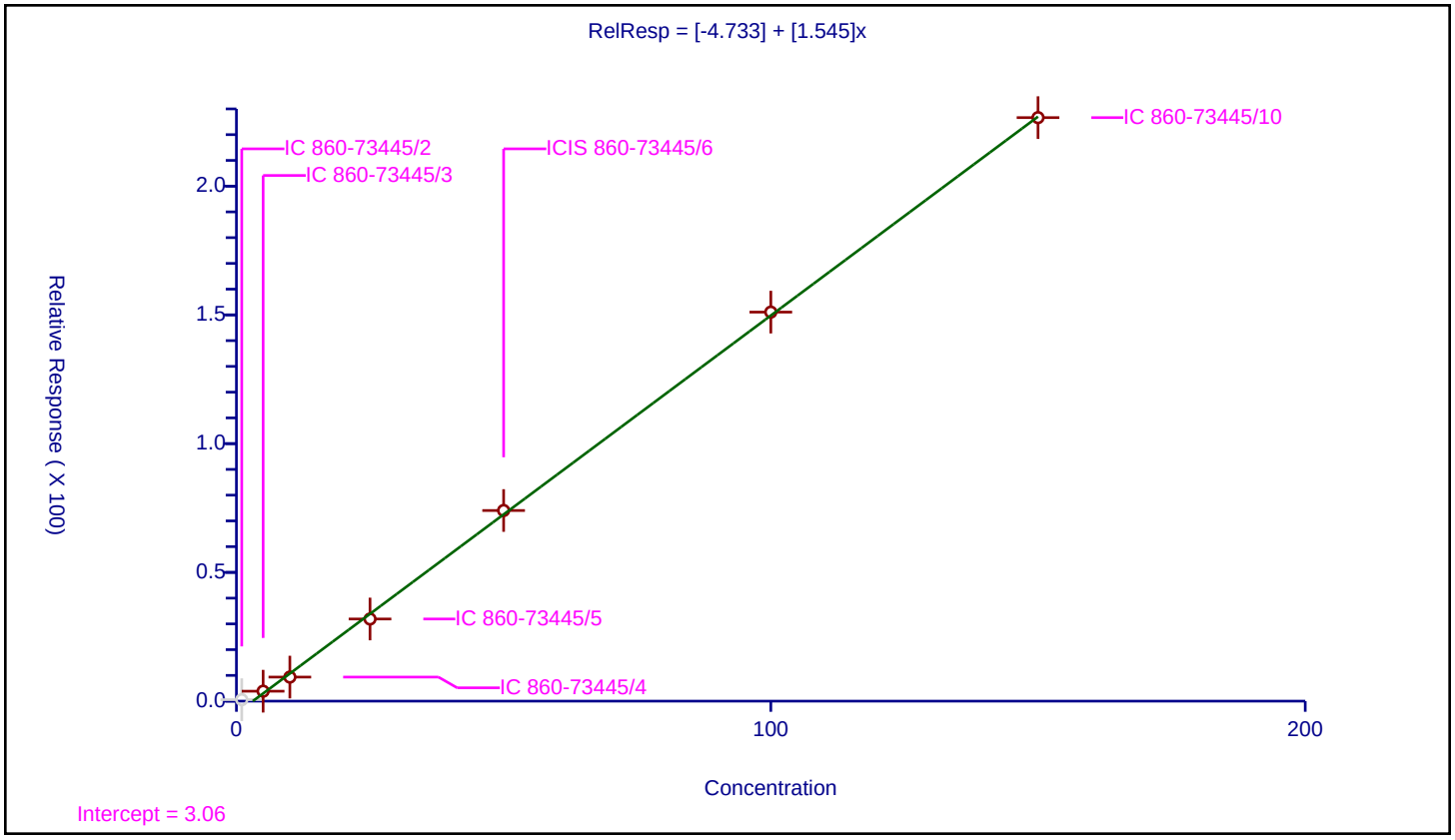
Curve Coefficients

Intercept:	-4.733
Slope:	1.545

Error Coefficients

Standard Error:	1440000
Relative Standard Error:	7.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	1.0	0.571033	50.0	362501.0	0.571033	N
2	IC 860-73445/3	5.0	3.868301	50.0	379288.0	0.77366	Y
3	IC 860-73445/4	10.0	9.340506	50.0	405781.0	0.934051	Y
4	IC 860-73445/5	25.0	31.908161	50.0	432626.0	1.276326	Y
5	ICIS 860-73445/6	50.0	74.035726	50.0	463691.0	1.480715	Y
6	IC 860-73445/8	100.0	151.082483	50.0	495897.0	1.510825	Y
7	IC 860-73445/10	150.0	226.609372	50.0	517500.0	1.510729	Y



Calibration / 1,2,3-Trichlorobenzene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

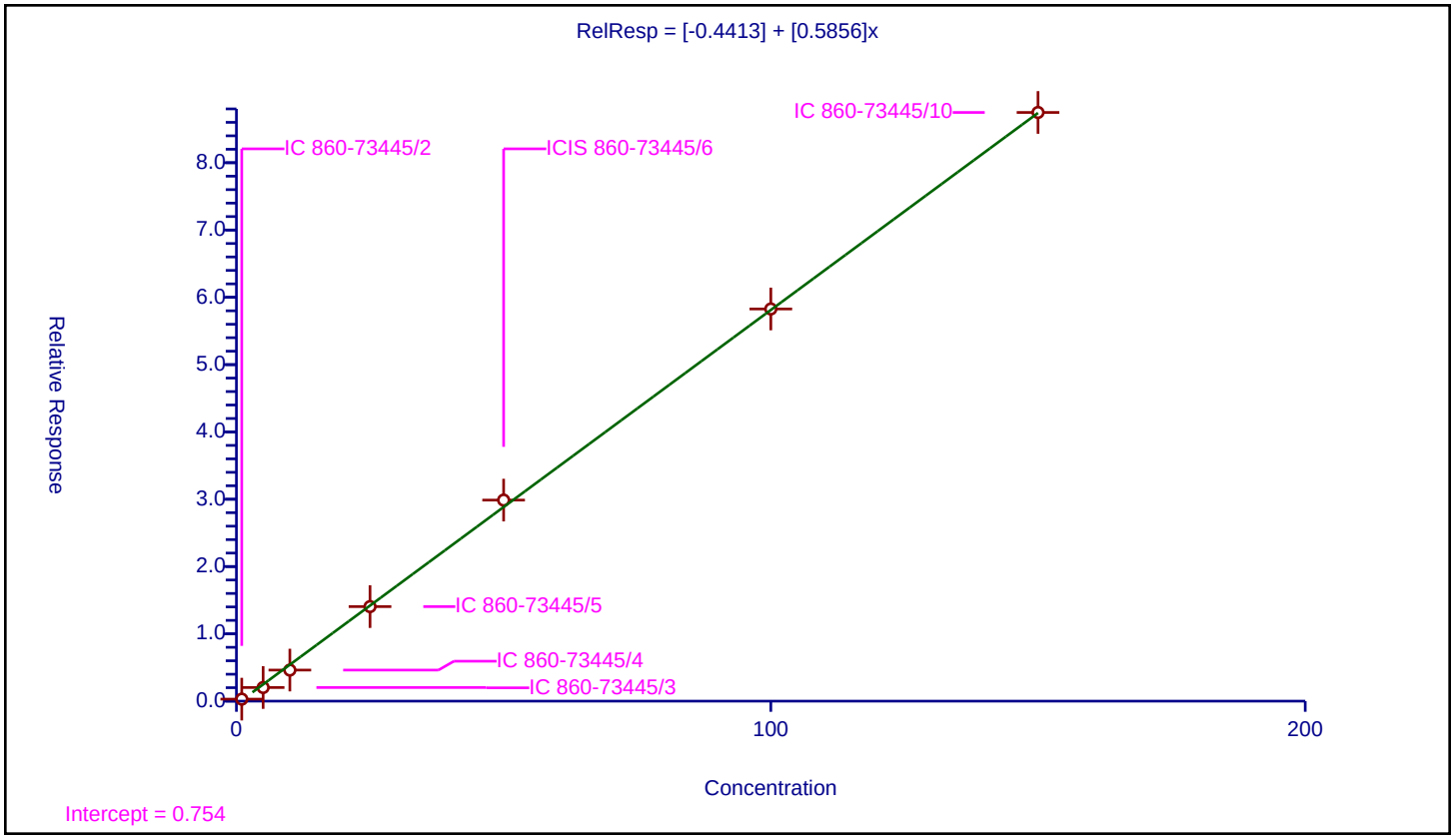
Curve Coefficients

Intercept:	-0.4413
Slope:	0.5856

Error Coefficients

Standard Error:	499000
Relative Standard Error:	15.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	1.0	0.299723	50.0	362501.0	0.299723	Y
2	IC 860-73445/3	5.0	2.025506	50.0	379288.0	0.405101	Y
3	IC 860-73445/4	10.0	4.618008	50.0	405781.0	0.461801	Y
4	IC 860-73445/5	25.0	14.046428	50.0	432626.0	0.561857	Y
5	ICIS 860-73445/6	50.0	29.872803	50.0	463691.0	0.597456	Y
6	IC 860-73445/8	100.0	58.271577	50.0	495897.0	0.582716	Y
7	IC 860-73445/10	150.0	87.469855	50.0	517500.0	0.583132	Y



Calibration / 2-Methylnaphthalene

Curve Type:	Quadratic
Weighting:	None
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

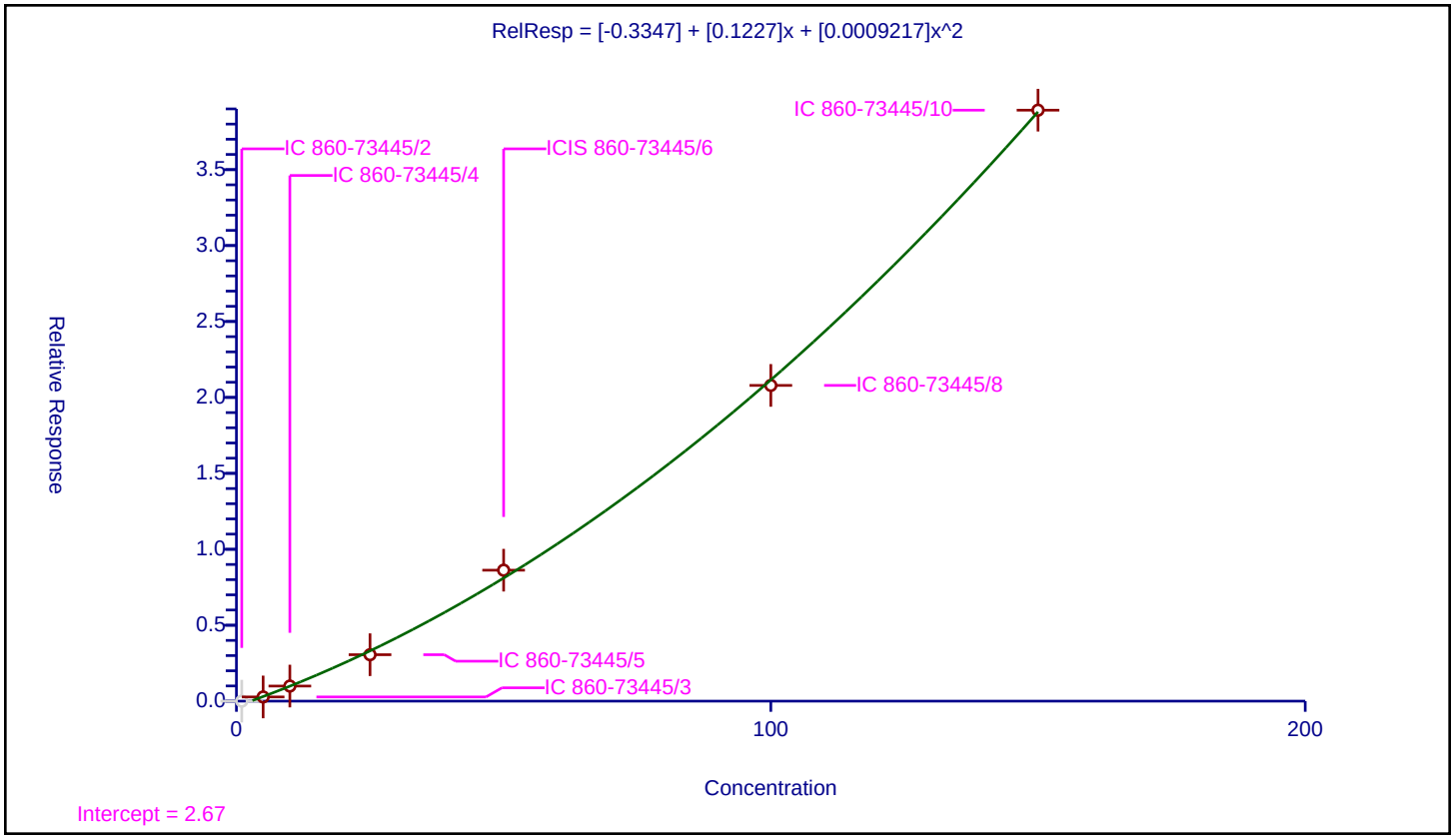
Curve Coefficients

Intercept:	-0.3347
Slope:	0.1227
Second Order:	0.0009217

Error Coefficients

Standard Error:	266000
Relative Standard Error:	5.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-73445/2	1.0	0.0	50.0	362501.0	0.0	N
2	IC 860-73445/3	5.0	0.276571	50.0	379288.0	0.055314	Y
3	IC 860-73445/4	10.0	0.9929	50.0	405781.0	0.09929	Y
4	IC 860-73445/5	25.0	3.057722	50.0	432626.0	0.122309	Y
5	ICIS 860-73445/6	50.0	8.622229	50.0	463691.0	0.172445	Y
6	IC 860-73445/8	100.0	20.790709	50.0	495897.0	0.207907	Y
7	IC 860-73445/10	150.0	38.915942	50.0	517500.0	0.25944	Y



Calibration / 1-Methylnaphthalene

Curve Type:	Quadratic
Weighting:	None
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

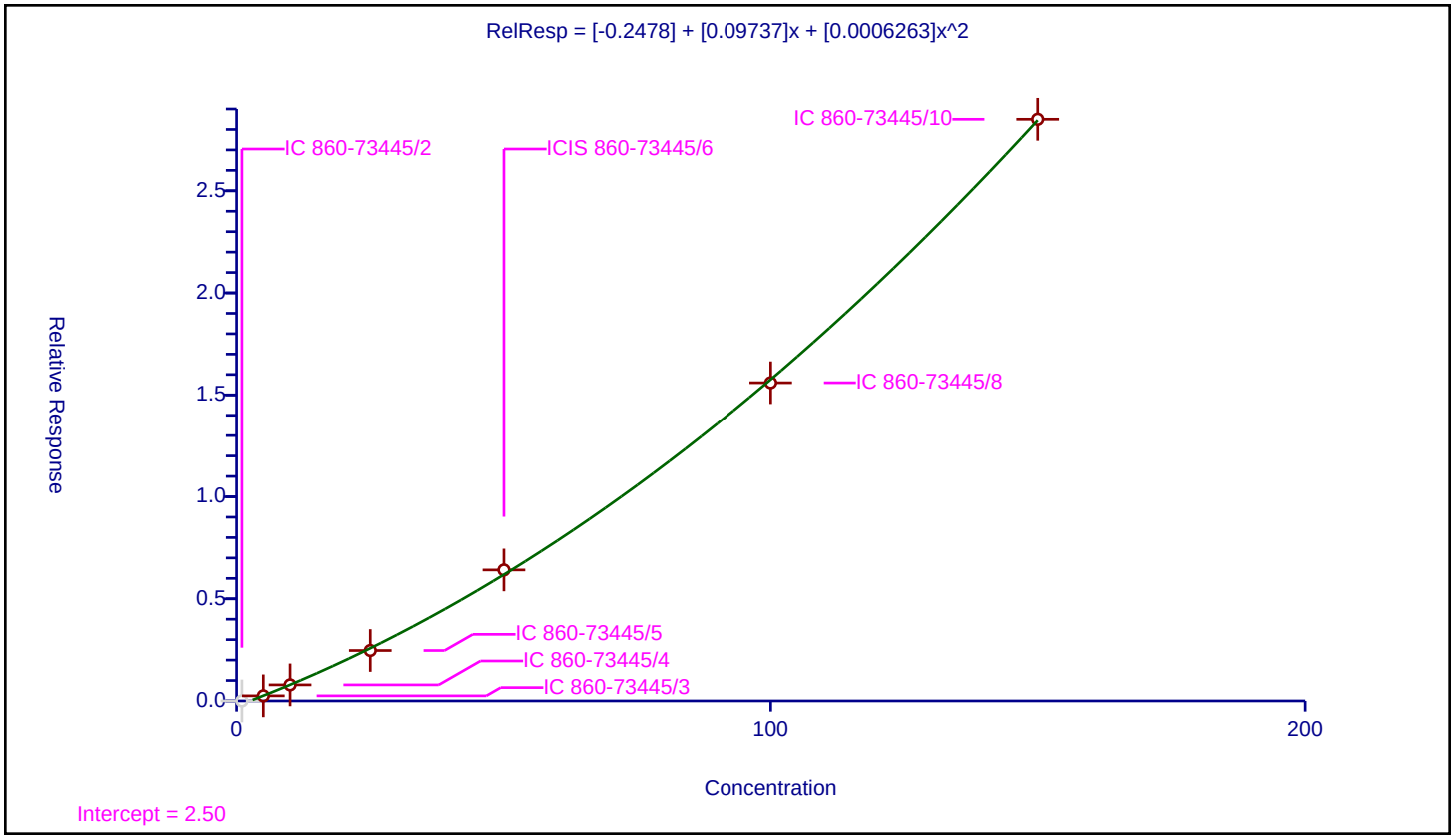
Curve Coefficients

Intercept:	-0.2478
Slope:	0.09737
Second Order:	0.0006263

Error Coefficients

Standard Error:	196000
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 860-73445/2	1.0	0.0	50.0	362501.0	0.0	N
2	IC 860-73445/3	5.0	0.249942	50.0	379288.0	0.049988	Y
3	IC 860-73445/4	10.0	0.786138	50.0	405781.0	0.078614	Y
4	IC 860-73445/5	25.0	2.467605	50.0	432626.0	0.098704	Y
5	ICIS 860-73445/6	50.0	6.412568	50.0	463691.0	0.128251	Y
6	IC 860-73445/8	100.0	15.596686	50.0	495897.0	0.155967	Y
7	IC 860-73445/10	150.0	28.497101	50.0	517500.0	0.189981	Y



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Lab Sample ID: ICV 860-73795/10 Calibration Date: 10/19/2022 12:47

Instrument ID: A292 Calib Start Date: 10/19/2022 10:02

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 10/19/2022 12:06

Lab File ID: E10192217.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		0.0452		51.0	50.0	2.0	30.0
Dichlorodifluoromethane	Ave	0.6263	0.5936		47.4	50.0	-5.2	30.0
Chloromethane	Ave	0.6957	0.7186		51.7	50.0	3.3	30.0
Vinyl chloride	Ave	0.5610	0.5613		50.0	50.0	0.0	30.0
1,3-Butadiene	Ave	0.5427	0.5291		48.8	50.0	-2.5	30.0
Ethylene oxide	Ave	0.1412	0.1471		261	250	4.2	30.0
Bromomethane	Ave	0.3295	0.3458		52.5	50.0	4.9	30.0
Chloroethane	Ave	0.3335	0.3272		49.0	50.0	-1.9	30.0
Dichlorofluoromethane	Ave	0.9325	0.9635		51.7	50.0	3.3	30.0
Trichlorofluoromethane	Ave	0.7190	0.6730		46.8	50.0	-6.4	30.0
Diethyl ether	Ave	0.3778	0.4017		100	50.0	6.3	30.0
Acrolein	Ave	0.0421	0.0506		301	250	20.2	30.0
1,1-Dichloroethene	Ave	0.2640	0.2742		51.9	50.0	3.8	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1953	0.1909		48.9	50.0	-2.2	30.0
Acetone	Lin1		0.0540		252	250	0.9	30.0
Iodomethane (Methyl Iodide)	Qua		0.3322		47.2	50.0	-5.7	30.0
Carbon disulfide	Ave	0.8495	0.8337		49.1	50.0	-1.9	30.0
Isopropyl alcohol	Ave	0.0431	0.0398		461	500	-7.9	30.0
Acetonitrile	Ave	0.0523	0.0500		478	500	-4.3	30.0
Allyl Chloride (3-Chloropropene)	Ave	0.1925	0.1947		50.6	50.0	1.1	30.0
Methyl acetate	Ave	0.5984	0.5883		98.3	100	-1.7	30.0
Methylene Chloride	Ave	0.4789	0.4535		47.4	50.0	-5.3	30.0
tert-Butyl alcohol	Ave	0.0686	0.0670		488	500	-2.3	30.0
Acrylonitrile	Ave	0.2344	0.2339		499	500	-0.2	30.0
trans-1,2-Dichloroethene	Ave	0.3450	0.3380		49.0	50.0	-2.0	30.0
MTBE	Ave	1.520	1.564		51.5	50.0	2.9	30.0
n-Hexane	Ave	0.3409	0.3300		48.4	50.0	-3.2	30.0
1,1-Dichloroethane	Ave	0.8450	0.8428		49.9	50.0	-0.3	30.0
Vinyl acetate	Ave	1.336	1.348		252	250	0.9	30.0
Chloroprene	Ave	0.6472	0.6509		50.3	50.0	0.6	30.0
Isopropyl ether	Ave	1.788	1.814		50.7	50.0	1.5	30.0
Ethyl tert-butyl ether	Ave	1.606	1.639		51.0	50.0	2.0	30.0
2,2-Dichloropropane	Ave	0.6951	0.6560		47.2	50.0	-5.6	30.0
cis-1,2-Dichloroethene	Ave	0.8260	0.8129		49.2	50.0	-1.6	30.0
2-Butanone	Ave	0.0800	0.0752		235	250	-6.1	30.0
Propane Nitrile (Propionitrile)	Ave	0.0990	0.0969		489	500	-2.1	30.0
Ethyl acetate	Ave	0.7066	0.6698		94.8	100	-5.2	30.0
Bromochloromethane	Ave	0.3287	0.3308		50.3	50.0	0.7	30.0
Methacrylonitrile	Ave	0.2723	0.2747		504	500	0.9	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Lab Sample ID: ICV 860-73795/10 Calibration Date: 10/19/2022 12:47

Instrument ID: A292 Calib Start Date: 10/19/2022 10:02

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 10/19/2022 12:06

Lab File ID: E10192217.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	0.2132	0.2147		101	100	0.7	30.0
Chloroform	Ave	0.9455	0.9332		49.4	50.0	-1.3	30.0
1,1,1-Trichloroethane	Ave	0.7211	0.6966		48.3	50.0	-3.4	30.0
Cyclohexane	Lin1		0.4448		50.7	50.0	1.3	30.0
1,1-Dichloropropene	Ave	0.5907	0.5816		49.2	50.0	-1.5	30.0
Carbon tetrachloride	Ave	0.5562	0.5530		49.7	50.0	-0.6	30.0
Isobutanol	Ave	0.0197	0.0201		1269	1240	2.4	30.0
Benzene	Ave	1.153	1.146		49.7	50.0	-0.6	30.0
1,2-Dichloroethane	Ave	0.5060	0.5038		49.8	50.0	-0.4	30.0
2,2,4-Trimethylpentane	Ave	0.6695	0.6758		50.5	50.0	0.9	30.0
Tert-amyl methyl ether	Ave	0.9023	0.9394		52.1	50.0	4.1	30.0
n-Butanol	Ave	0.0242	0.0241		1256	1260	-0.3	30.0
Trichloroethene	Ave	0.2507	0.2505		49.9	50.0	-0.1	30.0
Methylcyclohexane	Ave	0.3363	0.3405		50.6	50.0	1.3	30.0
1,2-Dichloropropane	Ave	0.3750	0.3875		51.7	50.0	3.3	30.0
Dibromomethane	Ave	0.2284	0.2309		50.6	50.0	1.1	30.0
Methyl methacrylate	Ave	0.2688	0.2788		104	100	3.7	30.0
1,4-Dioxane (P-Dioxane)	Ave	0.0038	0.0038		991	1000	-0.9	30.0
Bromodichloromethane	Ave	0.4623	0.4690		50.7	50.0	1.5	30.0
2-Nitropropane	Ave	0.1212	0.1204		99.3	100	-0.7	30.0
2-Chloroethyl vinyl ether	Ave	0.1789	0.1923		53.8	50.0	7.5	30.0
Epichlorohydrin	Ave	0.0362	0.0359		496	500	-0.8	30.0
cis-1,3-Dichloropropene	Ave	0.5470	0.5688		52.0	50.0	4.0	30.0
4-Methyl-2-pentanone	Ave	0.4194	0.4235		252	250	1.0	30.0
Toluene	Ave	0.7688	0.7666		49.9	50.0	-0.3	30.0
trans-1,3-Dichloropropene	Ave	0.6070	0.6073		50.0	50.0	0.0	30.0
Ethyl methacrylate	Ave	0.5360	0.5615		52.4	50.0	4.8	30.0
1,1,2-Trichloroethane	Ave	0.3300	0.3274		49.6	50.0	-0.8	30.0
Tetrachloroethene	Ave	0.2103	0.2107		50.1	50.0	0.2	30.0
1,3-Dichloropropane	Ave	0.6139	0.6082		49.5	50.0	-0.9	30.0
2-Hexanone	Ave	0.3317	0.3366		254	250	1.5	30.0
Dibromochloromethane	Ave	0.3835	0.3815		49.7	50.0	-0.5	30.0
1,2-Dibromoethane	Ave	0.3716	0.3726		50.1	50.0	0.3	30.0
1-Chlorohexane	Lin1		0.3162		49.4	50.0	-1.2	30.0
Chlorobenzene	Ave	0.9053	0.8929		49.3	50.0	-1.4	30.0
1,1,1,2-Tetrachloroethane	Ave	0.3451	0.3429		49.7	50.0	-0.6	30.0
Ethylbenzene	Ave	1.538	1.532		49.8	50.0	-0.4	30.0
m,p-Xylenes	Ave	1.163	1.183		50.9	50.0	1.7	30.0
o-Xylene	Ave	1.245	1.274		51.2	50.0	2.3	30.0
Styrene	Ave	0.9446	0.9752		51.6	50.0	3.2	30.0
Bromoform	Ave	0.2650	0.2618		49.4	50.0	-1.2	30.0

FORM VII 8260D

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Lab Sample ID: ICV 860-73795/10 Calibration Date: 10/19/2022 12:47

Instrument ID: A292 Calib Start Date: 10/19/2022 10:02

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 10/19/2022 12:06

Lab File ID: E10192217.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
Isopropylbenzene	Ave	1.327	1.392		52.4	50.0	4.9	30.0
cis-1,4-Dichloro-2-butene	Ave	0.1475	0.1481		50.7	50.5	0.4	30.0
Cyclohexanone	Ave	0.0193	0.0161		2091	2500	-16.4	30.0
1,1,2,2-Tetrachloroethane	Ave	1.047	1.010		48.3	50.0	-3.5	30.0
Bromobenzene	Ave	0.7876	0.7926		50.3	50.0	0.6	30.0
1,2,3-Trichloropropane	Ave	1.351	1.273		47.1	50.0	-5.8	30.0
trans-1,4-Dichloro-2-butene	Ave	0.3014	0.3001		49.8	50.0	-0.4	30.0
N-Propylbenzene	Ave	3.598	3.625		50.4	50.0	0.8	30.0
2-Chlorotoluene	Ave	2.589	2.608		50.4	50.0	0.7	30.0
4-Ethyltoluene	Ave	2.672	2.727		51.0	50.0	2.1	30.0
1,3,5-Trimethylbenzene	Ave	2.495	2.528		50.7	50.0	1.3	30.0
4-Chlorotoluene	Ave	2.686	2.726		50.7	50.0	1.5	30.0
tert-Butylbenzene	Ave	1.961	1.995		50.9	50.0	1.8	30.0
1,2,4-Trimethylbenzene	Ave	2.561	2.643		51.6	50.0	3.2	30.0
sec-Butylbenzene	Ave	2.949	3.003		50.9	50.0	1.8	30.0
1,3-Dichlorobenzene	Ave	1.394	1.414		50.7	50.0	1.5	30.0
p-Cymene (p-Isopropyltoluene)	Ave	2.410	2.510		52.1	50.0	4.2	30.0
1,4-Dichlorobenzene	Ave	1.496	1.429		47.8	50.0	-4.5	30.0
Dicyclopentadiene	Ave	3.468	3.489		50.3	50.0	0.6	30.0
Benzyl chloride	Ave	0.2594	0.2594		50.0	50.0	0.0	30.0
n-Butylbenzene	Ave	2.542	2.544		50.0	50.0	0.0	30.0
1,2-Dichlorobenzene	Ave	1.418	1.387		48.9	50.0	-2.2	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.1472	0.1620		55.0	50.0	10.1	30.0
1,2,4-Trichlorobenzene	Ave	0.7680	0.8047		52.4	50.0	4.8	30.0
Hexachlorobutadiene	Ave	0.3594	0.3690		51.3	50.0	2.7	30.0
Naphthalene	Ave	1.618	1.724		53.3	50.0	6.6	30.0
1,2,3-Trichlorobenzene	Ave	0.6321	0.6614		52.3	50.0	4.6	30.0
2-Methylnaphthalene	Qua		0.4269		57.7	50.0	15.3	30.0
1-Methylnaphthalene	Qua		0.3570		59.6	50.0	19.1	30.0
Dibromofluoromethane (Surr)	Ave	0.5584	0.5498		49.2	50.0	-1.5	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.4477	0.4362		48.7	50.0	-2.6	30.0
Toluene-d8 (Surr)	Ave	1.435	1.417		49.4	50.0	-1.3	30.0
4-Bromofluorobenzene (Surr)	Ave	1.075	1.057		49.1	50.0	-1.7	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Lab Sample ID: CCVIS 860-75272/2 Calibration Date: 10/28/2022 20:34

Instrument ID: A292 Calib Start Date: 10/19/2022 10:02

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 10/19/2022 12:06

Lab File ID: E10282236.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		0.0269		26.7	50.0	-46.6*	20.0
Dichlorodifluoromethane	Ave	0.6263	0.5441		43.4	50.0	-13.1	20.0
Chloromethane	Ave	0.6957	0.7782		55.9	50.0	11.9	20.0
Vinyl chloride	Ave	0.5610	0.6115		54.5	50.0	9.0	20.0
1,3-Butadiene	Ave	0.5427	0.5601		51.6	50.0	3.2	20.0
Ethylene oxide	Ave	0.1412	0.1205		213	250	-14.7	20.0
Bromomethane	Ave	0.3295	0.4035		61.2	50.0	22.5*	20.0
Chloroethane	Ave	0.3335	0.3652		54.8	50.0	9.5	20.0
Dichlorofluoromethane	Ave	0.9325	1.169		62.7	50.0	25.3*	20.0
Trichlorofluoromethane	Ave	0.7190	0.8326		57.9	50.0	15.8	20.0
Diethyl ether	Ave	0.3778	0.3916		100	50.0	3.7	20.0
Acrolein	Ave	0.0421	0.0426		253	250	1.3	20.0
1,1-Dichloroethene	Ave	0.2640	0.2578		48.8	50.0	-2.4	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1953	0.1766		45.2	50.0	-9.6	20.0
Acetone	Lin1		0.0544		254	250	1.6	20.0
Iodomethane (Methyl Iodide)	Qua		0.3914		54.6	50.0	9.2	20.0
Carbon disulfide	Ave	0.8495	0.7326		43.1	50.0	-13.8	20.0
Isopropyl alcohol	Ave	0.0431	0.0399		463	500	-7.5	20.0
Acetonitrile	Ave	0.0523	0.0468		448	500	-10.4	20.0
Allyl Chloride (3-Chloropropene)	Ave	0.1925	0.1749		45.4	50.0	-9.1	20.0
Methyl acetate	Ave	0.5984	0.5609		93.7	100	-6.3	20.0
Methylene Chloride	Ave	0.4789	0.4526		47.3	50.0	-5.5	20.0
tert-Butyl alcohol	Ave	0.0686	0.0672		490	500	-2.1	20.0
Acrylonitrile	Ave	0.2344	0.2257		481	500	-3.7	20.0
trans-1,2-Dichloroethene	Ave	0.3450	0.3424		49.6	50.0	-0.7	20.0
MTBE	Ave	1.520	1.578		51.9	50.0	3.8	20.0
n-Hexane	Ave	0.3409	0.2496		36.6	50.0	-26.8*	20.0
1,1-Dichloroethane	Ave	0.8450	0.8573		50.7	50.0	1.5	20.0
Vinyl acetate	Ave	1.336	1.350		253	250	1.0	20.0
Isopropyl ether	Ave	1.788	1.807		50.5	50.0	1.1	20.0
Chloroprene	Ave	0.6472	0.6678		51.6	50.0	3.2	20.0
Ethyl tert-butyl ether	Ave	1.606	1.687		52.5	50.0	5.0	20.0
2,2-Dichloropropane	Ave	0.6951	0.6582		47.3	50.0	-5.3	20.0
cis-1,2-Dichloroethene	Ave	0.8260	0.8508		51.5	50.0	3.0	20.0
2-Butanone	Ave	0.0800	0.0759		237	250	-5.2	20.0
Propane Nitrile (Propionitrile)	Ave	0.0990	0.1000		505	500	1.0	20.0
Ethyl acetate	Ave	0.7066	0.6857		97.0	100	-3.0	20.0
Bromochloromethane	Ave	0.3287	0.3541		53.9	50.0	7.7	20.0
Methacrylonitrile	Ave	0.2723	0.2848		523	500	4.6	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Lab Sample ID: CCVIS 860-75272/2 Calibration Date: 10/28/2022 20:34

Instrument ID: A292 Calib Start Date: 10/19/2022 10:02

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 10/19/2022 12:06

Lab File ID: E10282236.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	0.2132	0.2208		104	100	3.6	20.0
Chloroform	Ave	0.9455	1.006		53.2	50.0	6.5	20.0
1,1,1-Trichloroethane	Ave	0.7211	0.7364		51.1	50.0	2.1	20.0
Cyclohexane	Lin1		0.4111		46.5	50.0	-7.0	20.0
1,1-Dichloropropene	Ave	0.5907	0.5952		50.4	50.0	0.8	20.0
Carbon tetrachloride	Ave	0.5562	0.5779		52.0	50.0	3.9	20.0
Isobutanol	Ave	0.0197	0.0201		1277	1250	2.2	20.0
Benzene	Ave	1.153	1.211		52.5	50.0	5.1	20.0
1,2-Dichloroethane	Ave	0.5060	0.5363		53.0	50.0	6.0	20.0
2,2,4-Trimethylpentane	Ave	0.6695	0.5727		42.8	50.0	-14.5	20.0
Tert-amyl methyl ether	Ave	0.9023	0.9728		53.9	50.0	7.8	20.0
n-Butanol	Ave	0.0242	0.0240		1233	1240	-0.6	20.0
Trichloroethene	Ave	0.2507	0.2660		53.0	50.0	6.1	20.0
Methylcyclohexane	Ave	0.3363	0.3066		45.6	50.0	-8.8	20.0
1,2-Dichloropropane	Ave	0.3750	0.4005		53.4	50.0	6.8	20.0
Dibromomethane	Ave	0.2284	0.2411		52.8	50.0	5.6	20.0
Methyl methacrylate	Ave	0.2688	0.2904		108	100	8.1	20.0
1,4-Dioxane (P-Dioxane)	Ave	0.0038	0.0043		1116	1000	11.6	20.0
Bromodichloromethane	Ave	0.4623	0.4912		53.1	50.0	6.3	20.0
2-Nitropropane	Ave	0.1212	0.1260		104	100	3.9	20.0
2-Chloroethyl vinyl ether	Ave	0.1789	0.1634		45.7	50.0	-8.6	20.0
Epichlorohydrin	Ave	0.0362	0.0356		492	500	-1.7	20.0
cis-1,3-Dichloropropene	Ave	0.5470	0.5774		52.8	50.0	5.6	20.0
4-Methyl-2-pentanone	Ave	0.4194	0.4356		260	250	3.9	20.0
Toluene	Ave	0.7688	0.8087		52.6	50.0	5.2	20.0
trans-1,3-Dichloropropene	Ave	0.6070	0.6235		51.4	50.0	2.7	20.0
Ethyl methacrylate	Ave	0.5360	0.5819		54.3	50.0	8.6	20.0
1,1,2-Trichloroethane	Ave	0.3300	0.3363		51.0	50.0	1.9	20.0
Tetrachloroethene	Ave	0.2103	0.2295		54.6	50.0	9.1	20.0
1,3-Dichloropropane	Ave	0.6139	0.6339		51.6	50.0	3.3	20.0
2-Hexanone	Ave	0.3317	0.3408		257	250	2.8	20.0
Dibromochloromethane	Ave	0.3835	0.4109		53.6	50.0	7.2	20.0
1,2-Dibromoethane	Ave	0.3716	0.3895		52.4	50.0	4.8	20.0
1-Chlorohexane	Lin1		0.3179		49.7	50.0	-0.7	20.0
Chlorobenzene	Ave	0.9053	0.9482		52.4	50.0	4.7	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3451	0.3726		54.0	50.0	7.9	20.0
Ethylbenzene	Ave	1.538	1.617		52.6	50.0	5.1	20.0
m,p-Xylenes	Ave	1.163	1.257		54.1	50.0	8.1	20.0
o-Xylene	Ave	1.245	1.350		54.2	50.0	8.4	20.0
Styrene	Ave	0.9446	1.044		55.3	50.0	10.5	20.0
Bromoform	Ave	0.2650	0.2775		52.4	50.0	4.7	20.0

FORM VII 8260D

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Lab Sample ID: CCVIS 860-75272/2 Calibration Date: 10/28/2022 20:34

Instrument ID: A292 Calib Start Date: 10/19/2022 10:02

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 10/19/2022 12:06

Lab File ID: E10282236.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
Isopropylbenzene	Ave	1.327	1.479		55.7	50.0	11.4	20.0
cis-1,4-Dichloro-2-butene	Ave	0.1475	0.1477		50.1	50.0	0.2	20.0
Cyclohexanone	Ave	0.0193	0.0246		3185	2500	27.4*	20.0
1,1,2,2-Tetrachloroethane	Ave	1.047	1.018		48.6	50.0	-2.8	20.0
Bromobenzene	Ave	0.7876	0.8143		51.7	50.0	3.4	20.0
1,2,3-Trichloropropane	Ave	1.351	1.257		46.5	50.0	-6.9	20.0
trans-1,4-Dichloro-2-butene	Ave	0.3014	0.2788		46.3	50.0	-7.5	20.0
N-Propylbenzene	Ave	3.598	3.653		50.8	50.0	1.5	20.0
2-Chlorotoluene	Ave	2.589	2.689		51.9	50.0	3.9	20.0
4-Ethyltoluene	Ave	2.672	2.758		51.6	50.0	3.2	20.0
1,3,5-Trimethylbenzene	Ave	2.495	2.659		53.3	50.0	6.6	20.0
4-Chlorotoluene	Ave	2.686	2.767		51.5	50.0	3.0	20.0
tert-Butylbenzene	Ave	1.961	2.081		53.1	50.0	6.2	20.0
1,2,4-Trimethylbenzene	Ave	2.561	2.702		52.8	50.0	5.5	20.0
sec-Butylbenzene	Ave	2.949	3.026		51.3	50.0	2.6	20.0
1,3-Dichlorobenzene	Ave	1.394	1.459		52.3	50.0	4.6	20.0
p-Cymene (p-Isopropyltoluene)	Ave	2.410	2.537		52.6	50.0	5.3	20.0
1,4-Dichlorobenzene	Ave	1.496	1.501		50.2	50.0	0.3	20.0
Dicyclopentadiene	Ave	3.468	3.495		50.4	50.0	0.8	20.0
Benzyl chloride	Ave	0.2594	0.2291		44.2	50.0	-11.7	20.0
n-Butylbenzene	Ave	2.542	2.557		50.3	50.0	0.6	20.0
1,2-Dichlorobenzene	Ave	1.418	1.470		51.8	50.0	3.7	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1472	0.1684		57.2	50.0	14.4	20.0
1,2,4-Trichlorobenzene	Ave	0.7680	0.8159		53.1	50.0	6.2	20.0
Hexachlorobutadiene	Ave	0.3594	0.3732		51.9	50.0	3.8	20.0
Naphthalene	Ave	1.618	1.773		54.8	50.0	9.6	20.0
1,2,3-Trichlorobenzene	Ave	0.6321	0.6705		53.0	50.0	6.1	20.0
2-Methylnaphthalene	Qua		0.3640		50.1	50.0	0.2	20.0
1-Methylnaphthalene	Qua		0.2937		50.0	50.0	-0.0	20.0
Dibromofluoromethane (Surr)	Ave	0.5584	0.5448		48.8	50.0	-2.4	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.4477	0.4444		49.6	50.0	-0.7	20.0
Toluene-d8 (Surr)	Ave	1.435	1.387		48.3	50.0	-3.3	20.0
4-Bromofluorobenzene (Surr)	Ave	1.075	1.047		48.7	50.0	-2.6	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Lab Sample ID: ICV 860-73445/13 Calibration Date: 10/17/2022 16:59

Instrument ID: A294 Calib Start Date: 09/09/2022 13:17

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 09/09/2022 15:37

Lab File ID: T10172223.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	Qua		0.2951			50.0		30.0

FORM VII 8260D

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Lab Sample ID: ICV 860-73445/13 Calibration Date: 10/17/2022 16:59

Instrument ID: A294 Calib Start Date: 10/17/2022 14:08

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 10/17/2022 16:02

Lab File ID: T10172223.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
Dichlorodifluoromethane	Ave	0.1796	0.1667		46.4	50.0	-7.2	30.0
Chloromethane	Ave	0.3623	0.3422		47.2	50.0	-5.5	30.0
Vinyl chloride	Ave	0.3240	0.3086		47.6	50.0	-4.8	30.0
1,3-Butadiene	Ave	0.2614	0.2484		47.5	50.0	-5.0	30.0
Ethylene oxide	Ave	0.1101	0.0282		64.1	250	-74.4*	30.0
Bromomethane	Qua		0.2169		48.4	50.0	-3.2	30.0
Chloroethane	Ave	0.2370	0.2422		51.1	50.0	2.2	30.0
Dichlorofluoromethane	Ave	0.7085	0.6606		46.6	50.0	-6.8	30.0
Trichlorofluoromethane	Ave	0.4520	0.4222		46.7	50.0	-6.6	30.0
Diethyl ether	Ave	0.2363	0.2606		100	50.0	10.2	30.0
Acrolein	Lin1		0.0636		219	250	-12.5	30.0
1,1-Dichloroethene	Lin1		0.2995		49.3	50.0	-1.3	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Lin1		0.2326		46.9	50.0	-6.2	30.0
Acetone	Ave	0.0492	0.0490		249	250	-0.4	30.0
Iodomethane (Methyl Iodide)	Qua		0.3760		46.5	50.0	-7.1	30.0
Carbon disulfide	Qua		0.8801		47.1	50.0	-5.8	30.0
Isopropyl alcohol	Lin1		0.0303		466	500	-6.8	30.0
Acetonitrile	Ave	0.0467	0.0460		492	500	-1.6	30.0
Allyl Chloride (3-Chloropropene)	Lin1		0.1998		36.5	50.0	-26.9	30.0
Methyl acetate	Ave	0.3856	0.4122		107	100	6.9	30.0
Methylene Chloride	Ave	0.4528	0.4699		51.9	50.0	3.8	30.0
tert-Butyl alcohol	Qua		0.0509		512	500	2.5	30.0
Acrylonitrile	Ave	0.1992	0.2130		535	500	6.9	30.0
trans-1,2-Dichloroethene	Qua		0.4163		46.2	50.0	-7.6	30.0
MTBE	Ave	1.189	1.316		55.3	50.0	10.6	30.0
n-Hexane	Lin1		0.4195		49.0	50.0	-2.0	30.0
1,1-Dichloroethane	Ave	0.6481	0.7137		55.1	50.0	10.1	30.0
Vinyl acetate	Lin1		1.353		266	250	6.3	30.0
Isopropyl ether	Ave	1.390	1.512		54.4	50.0	8.7	30.0
Chloroprene	Lin1		0.5502		47.2	50.0	-5.5	30.0
Ethyl tert-butyl ether	Lin1		1.380		51.6	50.0	3.2	30.0
2,2-Dichloropropane	Lin1		0.5169		45.2	50.0	-9.6	30.0
cis-1,2-Dichloroethene	Ave	0.5522	0.6167		55.8	50.0	11.7	30.0
2-Butanone	Ave	0.0675	0.0695		258	250	3.0	30.0
Propane Nitrile (Propionitrile)	Ave	0.0785	0.0814		519	500	3.7	30.0
Ethyl acetate	Ave	0.6028	0.6528		108	100	8.3	30.0
Methacrylonitrile	Ave	0.2289	0.2546		556	500	11.2	30.0
Bromochloromethane	Ave	0.3204	0.3838		59.9	50.0	19.8	30.0
Tetrahydrofuran	Ave	0.1605	0.1808		113	100	12.7	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Lab Sample ID: ICV 860-73445/13 Calibration Date: 10/17/2022 16:59

Instrument ID: A294 Calib Start Date: 10/17/2022 14:08

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 10/17/2022 16:02

Lab File ID: T10172223.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	0.7268	0.7959		54.8	50.0	9.5	30.0
1,1,1-Trichloroethane	Lin1		0.6012		49.1	50.0	-1.8	30.0
Cyclohexane	Ave	0.5123	0.5354		52.3	50.0	4.5	30.0
1,1-Dichloropropene	Ave	0.4915	0.5525		56.2	50.0	12.4	30.0
Carbon tetrachloride	Ave	0.4280	0.4391		51.3	50.0	2.6	30.0
Isobutanol	Lin1		0.0165		1206	1240	-2.8	30.0
Benzene	Ave	1.165	1.309		56.2	50.0	12.4	30.0
1,2-Dichloroethane	Ave	0.4279	0.4712		55.1	50.0	10.1	30.0
2,2,4-Trimethylpentane	Lin1		0.7060		49.5	50.0	-1.0	30.0
Tert-amyl methyl ether	Lin1		0.9871		53.4	50.0	6.9	30.0
n-Butanol	Lin1		0.0094		1157	1260	-8.2	30.0
Trichloroethene	Lin1		0.3441		50.7	50.0	1.3	30.0
Methylcyclohexane	Lin1		0.4231		47.8	50.0	-4.3	30.0
1,2-Dichloropropane	Ave	0.3044	0.3490		57.3	50.0	14.6	30.0
Dibromomethane	Ave	0.1954	0.2226		56.9	50.0	13.9	30.0
Methyl methacrylate	Lin1		0.2807		104	100	4.3	30.0
1,4-Dioxane (P-Dioxane)	Lin1		0.0044		973	1000	-2.7	30.0
Bromodichloromethane	Lin1		0.3859		50.0	50.0	-0.0	30.0
2-Nitropropane	Qua		0.0977		103	100	3.3	30.0
2-Chloroethyl vinyl ether	Lin1		0.2210		51.1	50.0	2.2	30.0
Epichlorohydrin	Lin1		0.0404		514	500	2.6	30.0
cis-1,3-Dichloropropene	Lin1		0.5348		51.3	50.0	2.5	30.0
4-Methyl-2-pentanone	Ave	0.3379	0.3871		286	250	14.6	30.0
Toluene	Ave	0.8577	0.9594		55.9	50.0	11.9	30.0
trans-1,3-Dichloropropene	Qua		0.5415		51.3	50.0	2.5	30.0
Ethyl methacrylate	Lin1		0.5701		53.0	50.0	5.9	30.0
1,1,2-Trichloroethane	Ave	0.2852	0.3173		55.6	50.0	11.2	30.0
Tetrachloroethene	Ave	0.2397	0.2707		56.5	50.0	12.9	30.0
1,3-Dichloropropane	Ave	0.6031	0.6609		54.8	50.0	9.6	30.0
2-Hexanone	Lin1		0.3106		265	250	6.0	30.0
Dibromochloromethane	Lin1		0.3542		49.8	50.0	-0.4	30.0
1,2-Dibromoethane	Ave	0.3373	0.3977		59.0	50.0	17.9	30.0
1-Chlorohexane	Lin1		0.3057		50.0	50.0	0.0	30.0
Chlorobenzene	Ave	1.004	1.104		55.0	50.0	10.0	30.0
1,1,1,2-Tetrachloroethane	Lin1		0.3809		51.5	50.0	3.1	30.0
Ethylbenzene	Ave	1.492	1.710		57.3	50.0	14.6	30.0
m,p-Xylenes	Ave	1.147	1.328		57.9	50.0	15.8	30.0
o-Xylene	Lin1		1.408		52.9	50.0	5.9	30.0
Styrene	Lin1		1.168		52.3	50.0	4.6	30.0
Bromoform	Qua		0.2192		50.1	50.0	0.2	30.0
Isopropylbenzene	Lin1		1.632		52.1	50.0	4.2	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Lab Sample ID: ICV 860-73445/13 Calibration Date: 10/17/2022 16:59

Instrument ID: A294 Calib Start Date: 10/17/2022 14:08

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 10/17/2022 16:02

Lab File ID: T10172223.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
cis-1,4-Dichloro-2-butene	Qua		0.1231		50.4	50.5	-0.2	30.0
Cyclohexanone	Lin1		0.0159		2529	2500	1.2	30.0
1,1,2,2-Tetrachloroethane	Ave	0.8255	0.8906		53.9	50.0	7.9	30.0
Bromobenzene	Ave	0.8211	0.9430		57.4	50.0	14.8	30.0
1,2,3-Trichloropropane	Lin1		1.138		52.0	50.0	4.0	30.0
trans-1,4-Dichloro-2-butene	Lin1		0.2418		50.6	50.0	1.1	30.0
N-Propylbenzene	Lin1		3.484		53.8	50.0	7.5	30.0
2-Chlorotoluene	Ave	2.238	2.532		56.6	50.0	13.2	30.0
4-Ethyltoluene	Lin1		3.050		53.7	50.0	7.5	30.0
1,3,5-Trimethylbenzene	Ave	2.222	2.589		58.3	50.0	16.5	30.0
4-Chlorotoluene	Ave	2.256	2.566		56.9	50.0	13.7	30.0
tert-Butylbenzene	Lin1		2.163		52.6	50.0	5.1	30.0
1,2,4-Trimethylbenzene	Lin1		2.658		53.3	50.0	6.7	30.0
sec-Butylbenzene	Lin1		2.956		52.2	50.0	4.4	30.0
1,3-Dichlorobenzene	Ave	1.448	1.672		57.7	50.0	15.5	30.0
p-Cymene (p-Isopropyltoluene)	Lin1		2.720		52.4	50.0	4.9	30.0
1,4-Dichlorobenzene	Ave	1.589	1.726		54.3	50.0	8.7	30.0
Dicyclopentadiene	Ave	2.537	3.014		59.4	50.0	18.8	30.0
Benzyl chloride	Qua		0.2619		50.6	50.0	1.3	30.0
n-Butylbenzene	Lin1		2.267		51.8	50.0	3.5	30.0
1,2-Dichlorobenzene	Ave	1.471	1.661		56.5	50.0	12.9	30.0
1,2-Dibromo-3-Chloropropane	Lin1		0.1410		48.8	50.0	-2.4	30.0
1,2,4-Trichlorobenzene	Lin1		0.9326		53.0	50.0	6.0	30.0
Hexachlorobutadiene	Lin1		0.3983		50.3	50.0	0.7	30.0
Naphthalene	Lin1		1.499		51.6	50.0	3.2	30.0
1,2,3-Trichlorobenzene	Lin1		0.5989		51.9	50.0	3.8	30.0
2-Methylnaphthalene	Qua		0.1916		56.7	50.0	13.4	30.0
1-Methylnaphthalene	Qua		0.1740		64.9	50.0	29.7	30.0
Dibromofluoromethane (Surr)	Ave	0.4249	0.4172		49.1	50.0	-1.8	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3192	0.2887		45.2	50.0	-9.6	30.0
Toluene-d8 (Surr)	Ave	1.320	1.302		49.3	50.0	-1.4	30.0
4-Bromofluorobenzene (Surr)	Ave	0.8368	0.8544		51.1	50.0	2.1	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Lab Sample ID: CCVIS 860-75008/2 Calibration Date: 10/27/2022 09:21

Instrument ID: A294 Calib Start Date: 10/17/2022 14:08

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 10/17/2022 16:02

Lab File ID: T10272202.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
Dichlorodifluoromethane	Ave	0.1796	0.2211		61.5	50.0	23.1*	20.0
Chloromethane	Ave	0.3623	0.3432		47.4	50.0	-5.3	20.0
Vinyl chloride	Ave	0.3240	0.3416		52.7	50.0	5.4	20.0
1,3-Butadiene	Ave	0.2614	0.2943		56.3	50.0	12.6	20.0
Ethylene oxide	Ave	0.1101	0.0660		150	250	-40.1*	20.0
Bromomethane	Qua		0.1925		40.0	50.0	-19.9	20.0
Chloroethane	Ave	0.2370	0.2351		49.6	50.0	-0.8	20.0
Dichlorofluoromethane	Ave	0.7085	0.6861		48.4	50.0	-3.2	20.0
Trichlorofluoromethane	Ave	0.4520	0.4942		54.7	50.0	9.3	20.0
Diethyl ether	Ave	0.2363	0.2469		100	50.0	4.4	20.0
Acrolein	Lin1		0.0642		221	250	-11.7	20.0
1,1-Dichloroethene	Lin1		0.2986		49.2	50.0	-1.6	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Lin1		0.2433		49.0	50.0	-1.9	20.0
Acetone	Ave	0.0492	0.0470		239	250	-4.3	20.0
Iodomethane (Methyl Iodide)	Qua		0.1560		22.8	50.0	-54.4*	20.0
Carbon disulfide	Qua		0.8951		47.9	50.0	-4.3	20.0
Isopropyl alcohol	Lin1		0.0352		541	500	8.1	20.0
Acetonitrile	Ave	0.0467	0.0464		496	500	-0.7	20.0
Allyl Chloride (3-Chloropropene)	Lin1		0.1854		34.0	50.0	-32.0*	20.0
Methyl acetate	Ave	0.3856	0.3676		95.3	100	-4.7	20.0
Methylene Chloride	Ave	0.4528	0.4511		49.8	50.0	-0.4	20.0
tert-Butyl alcohol	Qua		0.0549		549	500	9.8	20.0
Acrylonitrile	Ave	0.1992	0.2030		510	500	1.9	20.0
trans-1,2-Dichloroethene	Qua		0.4019		44.6	50.0	-10.8	20.0
MTBE	Ave	1.189	1.277		53.7	50.0	7.4	20.0
n-Hexane	Lin1		0.4460		52.1	50.0	4.1	20.0
1,1-Dichloroethane	Ave	0.6481	0.7126		55.0	50.0	9.9	20.0
Vinyl acetate	Lin1		1.303		256	250	2.4	20.0
Isopropyl ether	Ave	1.390	1.472		52.9	50.0	5.9	20.0
Chloroprene	Lin1		0.6209		53.2	50.0	6.4	20.0
Ethyl tert-butyl ether	Lin1		1.324		49.5	50.0	-0.9	20.0
cis-1,2-Dichloroethene	Ave	0.5522	0.6211		56.2	50.0	12.5	20.0
2,2-Dichloropropane	Lin1		0.6288		54.7	50.0	9.4	20.0
2-Butanone	Ave	0.0675	0.0661		245	250	-2.0	20.0
Propane Nitrile (Propionitrile)	Ave	0.0785	0.0817		521	500	4.1	20.0
Ethyl acetate	Ave	0.6028	0.5190		86.1	100	-13.9	20.0
Methacrylonitrile	Ave	0.2289	0.2303		503	500	0.6	20.0
Bromochloromethane	Ave	0.3204	0.3434		53.6	50.0	7.2	20.0
Tetrahydrofuran	Ave	0.1605	0.1545		96.3	100	-3.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Lab Sample ID: CCVIS 860-75008/2 Calibration Date: 10/27/2022 09:21

Instrument ID: A294 Calib Start Date: 10/17/2022 14:08

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 10/17/2022 16:02

Lab File ID: T10272202.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	0.7268	0.7904		54.4	50.0	8.7	20.0
1,1,1-Trichloroethane	Lin1		0.6428		52.4	50.0	4.9	20.0
Cyclohexane	Ave	0.5123	0.5625		54.9	50.0	9.8	20.0
1,1-Dichloropropene	Ave	0.4915	0.5687		57.9	50.0	15.7	20.0
Carbon tetrachloride	Ave	0.4280	0.5037		58.8	50.0	17.7	20.0
Isobutanol	Lin1		0.0167		1230	1250	-1.6	20.0
Benzene	Ave	1.165	1.231		52.8	50.0	5.7	20.0
1,2-Dichloroethane	Ave	0.4279	0.4542		53.1	50.0	6.1	20.0
2,2,4-Trimethylpentane	Lin1		0.6741		47.3	50.0	-5.4	20.0
Tert-amyl methyl ether	Lin1		0.9327		50.5	50.0	1.1	20.0
n-Butanol	Lin1		0.0105		1259	1240	1.5	20.0
Trichloroethene	Lin1		0.3308		48.7	50.0	-2.5	20.0
Methylcyclohexane	Lin1		0.4405		49.8	50.0	-0.5	20.0
1,2-Dichloropropane	Ave	0.3044	0.3292		54.1	50.0	8.1	20.0
Dibromomethane	Ave	0.1954	0.2064		52.8	50.0	5.6	20.0
Methyl methacrylate	Lin1		0.2566		95.4	100	-4.6	20.0
1,4-Dioxane (P-Dioxane)	Lin1		0.0047		1051	1000	5.1	20.0
Bromodichloromethane	Lin1		0.3791		49.1	50.0	-1.8	20.0
2-Nitropropane	Qua		0.1153		119	100	19.3	20.0
2-Chloroethyl vinyl ether	Lin1		0.2028		47.0	50.0	-6.0	20.0
Epichlorohydrin	Lin1		0.0365		467	500	-6.7	20.0
cis-1,3-Dichloropropene	Lin1		0.5176		49.6	50.0	-0.7	20.0
4-Methyl-2-pentanone	Ave	0.3379	0.3669		272	250	8.6	20.0
Toluene	Ave	0.8577	0.8983		52.4	50.0	4.7	20.0
trans-1,3-Dichloropropene	Qua		0.5300		50.2	50.0	0.4	20.0
Ethyl methacrylate	Lin1		0.5156		48.0	50.0	-4.0	20.0
1,1,2-Trichloroethane	Ave	0.2852	0.2875		50.4	50.0	0.8	20.0
Tetrachloroethene	Ave	0.2397	0.2680		55.9	50.0	11.8	20.0
1,3-Dichloropropane	Ave	0.6031	0.6041		50.1	50.0	0.2	20.0
2-Hexanone	Lin1		0.2929		250	250	0.0	20.0
Dibromochloromethane	Lin1		0.3329		46.9	50.0	-6.3	20.0
1,2-Dibromoethane	Ave	0.3373	0.3598		53.4	50.0	6.7	20.0
1-Chlorohexane	Lin1		0.3221		52.8	50.0	5.6	20.0
Chlorobenzene	Ave	1.004	1.018		50.7	50.0	1.4	20.0
1,1,1,2-Tetrachloroethane	Lin1		0.3636		49.2	50.0	-1.5	20.0
Ethylbenzene	Ave	1.492	1.633		54.7	50.0	9.5	20.0
m,p-Xylenes	Ave	1.147	1.260		54.9	50.0	9.9	20.0
o-Xylene	Lin1		1.317		49.6	50.0	-0.9	20.0
Styrene	Lin1		1.051		47.1	50.0	-5.8	20.0
Bromoform	Qua		0.2110		48.5	50.0	-3.1	20.0
Isopropylbenzene	Lin1		1.563		49.9	50.0	-0.1	20.0

FORM VII 8260D

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Lab Sample ID: CCVIS 860-75008/2 Calibration Date: 10/27/2022 09:21

Instrument ID: A294 Calib Start Date: 10/17/2022 14:08

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 10/17/2022 16:02

Lab File ID: T10272202.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
cis-1,4-Dichloro-2-butene	Qua		0.1305		52.4	50.0	4.9	20.0
Cyclohexanone	Lin1		0.0246		3889	2500	55.5*	20.0
1,1,2,2-Tetrachloroethane	Ave	0.8255	0.7924		48.0	50.0	-4.0	20.0
Bromobenzene	Ave	0.8211	0.8500		51.8	50.0	3.5	20.0
1,2,3-Trichloropropane	Lin1		1.055		48.3	50.0	-3.5	20.0
trans-1,4-Dichloro-2-butene	Lin1		0.2298		48.2	50.0	-3.6	20.0
N-Propylbenzene	Lin1		3.328		51.4	50.0	2.7	20.0
2-Chlorotoluene	Ave	2.238	2.371		53.0	50.0	6.0	20.0
4-Ethyltoluene	Lin1		2.864		50.5	50.0	1.0	20.0
1,3,5-Trimethylbenzene	Ave	2.222	2.435		54.8	50.0	9.6	20.0
4-Chlorotoluene	Ave	2.256	2.401		53.2	50.0	6.4	20.0
tert-Butylbenzene	Lin1		2.074		50.4	50.0	0.8	20.0
1,2,4-Trimethylbenzene	Lin1		2.484		49.9	50.0	-0.3	20.0
sec-Butylbenzene	Lin1		2.815		49.7	50.0	-0.5	20.0
1,3-Dichlorobenzene	Ave	1.448	1.505		52.0	50.0	3.9	20.0
p-Cymene (p-Isopropyltoluene)	Lin1		2.554		49.3	50.0	-1.4	20.0
1,4-Dichlorobenzene	Ave	1.589	1.561		49.1	50.0	-1.7	20.0
Dicyclopentadiene	Ave	2.537	2.836		55.9	50.0	11.8	20.0
Benzyl chloride	Qua		0.2864		54.6	50.0	9.1	20.0
n-Butylbenzene	Lin1		2.082		47.6	50.0	-4.8	20.0
1,2-Dichlorobenzene	Ave	1.471	1.464		49.8	50.0	-0.5	20.0
1,2-Dibromo-3-Chloropropane	Lin1		0.1259		44.0	50.0	-12.0	20.0
1,2,4-Trichlorobenzene	Lin1		0.7717		44.0	50.0	-11.9	20.0
Hexachlorobutadiene	Lin1		0.3523		44.6	50.0	-10.8	20.0
Naphthalene	Lin1		1.187		41.5	50.0	-17.1	20.0
1,2,3-Trichlorobenzene	Lin1		0.4485		39.1	50.0	-21.9*	20.0
2-Methylnaphthalene	Qua		0.0681		25.6	50.0	-48.9*	20.0
1-Methylnaphthalene	Qua		0.0468		23.2	50.0	-53.7*	20.0
Dibromofluoromethane (Surr)	Ave	0.4249	0.4389		51.7	50.0	3.3	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3192	0.3114		48.8	50.0	-2.5	20.0
Toluene-d8 (Surr)	Ave	1.320	1.299		49.2	50.0	-1.6	20.0
4-Bromofluorobenzene (Surr)	Ave	0.8368	0.8611		51.5	50.0	2.9	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Lab Sample ID: CCVIS 860-75142/2 Calibration Date: 10/27/2022 21:06

Instrument ID: A294 Calib Start Date: 10/17/2022 14:08

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 10/17/2022 16:02

Lab File ID: T10272238.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
Dichlorodifluoromethane	Ave	0.1796	0.2358		65.6	50.0	31.3*	20.0
Chloromethane	Ave	0.3623	0.3785		52.2	50.0	4.5	20.0
Vinyl chloride	Ave	0.3240	0.3690		56.9	50.0	13.9	20.0
1,3-Butadiene	Ave	0.2614	0.3115		59.6	50.0	19.2	20.0
Ethylene oxide	Ave	0.1101	0.0770		175	250	-30.0*	20.0
Bromomethane	Qua		0.2038		43.7	50.0	-12.6	20.0
Chloroethane	Ave	0.2370	0.2565		54.1	50.0	8.2	20.0
Dichlorofluoromethane	Ave	0.7085	0.7823		55.2	50.0	10.4	20.0
Trichlorofluoromethane	Ave	0.4520	0.5160		57.1	50.0	14.1	20.0
Diethyl ether	Ave	0.2363	0.2519		100	50.0	6.6	20.0
Acrolein	Lin1		0.0523		180	250	-27.8*	20.0
1,1-Dichloroethene	Lin1		0.3019		49.7	50.0	-0.6	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Lin1		0.2450		49.4	50.0	-1.2	20.0
Acetone	Ave	0.0492	0.0462		235	250	-6.0	20.0
Iodomethane (Methyl Iodide)	Qua		0.2613		34.2	50.0	-31.6*	20.0
Carbon disulfide	Qua		0.9006		48.1	50.0	-3.7	20.0
Isopropyl alcohol	Lin1		0.0342		526	500	5.2	20.0
Acetonitrile	Ave	0.0467	0.0456		488	500	-2.4	20.0
Allyl Chloride (3-Chloropropene)	Lin1		0.1797		33.0	50.0	-34.0*	20.0
Methyl acetate	Ave	0.3856	0.3968		103	100	2.9	20.0
Methylene Chloride	Ave	0.4528	0.4425		48.9	50.0	-2.3	20.0
tert-Butyl alcohol	Qua		0.0533		535	500	7.0	20.0
Acrylonitrile	Ave	0.1992	0.2139		537	500	7.4	20.0
trans-1,2-Dichloroethene	Qua		0.4178		46.4	50.0	-7.2	20.0
MTBE	Ave	1.189	1.381		58.1	50.0	16.1	20.0
n-Hexane	Lin1		0.4480		52.3	50.0	4.6	20.0
1,1-Dichloroethane	Ave	0.6481	0.7163		55.3	50.0	10.5	20.0
Vinyl acetate	Lin1		1.320		259	250	3.8	20.0
Isopropyl ether	Ave	1.390	1.569		56.4	50.0	12.8	20.0
Chloroprene	Lin1		0.5633		48.3	50.0	-3.3	20.0
Ethyl tert-butyl ether	Lin1		1.366		51.1	50.0	2.1	20.0
2,2-Dichloropropane	Lin1		0.5935		51.7	50.0	3.4	20.0
cis-1,2-Dichloroethene	Ave	0.5522	0.6279		56.9	50.0	13.7	20.0
2-Butanone	Ave	0.0675	0.0674		250	250	-0.1	20.0
Propane Nitrile (Propionitrile)	Ave	0.0785	0.0782		498	500	-0.4	20.0
Ethyl acetate	Ave	0.6028	0.6222		103	100	3.2	20.0
Methacrylonitrile	Ave	0.2289	0.2394		523	500	4.6	20.0
Bromochloromethane	Ave	0.3204	0.3492		54.5	50.0	9.0	20.0
Tetrahydrofuran	Ave	0.1605	0.1711		107	100	6.6	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Lab Sample ID: CCVIS 860-75142/2 Calibration Date: 10/27/2022 21:06

Instrument ID: A294 Calib Start Date: 10/17/2022 14:08

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 10/17/2022 16:02

Lab File ID: T10272238.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	0.7268	0.8111		55.8	50.0	11.6	20.0
1,1,1-Trichloroethane	Lin1		0.6502		53.0	50.0	6.1	20.0
Cyclohexane	Ave	0.5123	0.5612		54.8	50.0	9.5	20.0
1,1-Dichloropropene	Ave	0.4915	0.5555		56.5	50.0	13.0	20.0
Carbon tetrachloride	Ave	0.4280	0.5121		59.8	50.0	19.7	20.0
Isobutanol	Lin1		0.0167		1227	1250	-1.8	20.0
Benzene	Ave	1.165	1.300		55.8	50.0	11.6	20.0
1,2-Dichloroethane	Ave	0.4279	0.4730		55.3	50.0	10.5	20.0
2,2,4-Trimethylpentane	Lin1		0.7272		51.0	50.0	2.0	20.0
Tert-amyl methyl ether	Lin1		0.9317		50.5	50.0	1.0	20.0
n-Butanol	Lin1		0.0104		1248	1240	0.6	20.0
Trichloroethene	Lin1		0.3455		50.9	50.0	1.7	20.0
Methylcyclohexane	Lin1		0.4558		51.5	50.0	2.9	20.0
1,2-Dichloropropane	Ave	0.3044	0.3494		57.4	50.0	14.8	20.0
Dibromomethane	Ave	0.1954	0.2164		55.4	50.0	10.8	20.0
Methyl methacrylate	Lin1		0.2590		96.3	100	-3.7	20.0
1,4-Dioxane (P-Dioxane)	Lin1		0.0046		1007	1000	0.7	20.0
Bromodichloromethane	Lin1		0.4008		51.9	50.0	3.8	20.0
2-Nitropropane	Qua		0.1229		126	100	26.2*	20.0
2-Chloroethyl vinyl ether	Lin1		0.2122		49.1	50.0	-1.8	20.0
Epichlorohydrin	Lin1		0.0393		501	500	0.0	20.0
cis-1,3-Dichloropropene	Lin1		0.5364		51.4	50.0	2.8	20.0
4-Methyl-2-pentanone	Ave	0.3379	0.3770		279	250	11.6	20.0
Toluene	Ave	0.8577	0.9523		55.5	50.0	11.0	20.0
trans-1,3-Dichloropropene	Qua		0.5604		52.9	50.0	5.9	20.0
Ethyl methacrylate	Lin1		0.5433		50.5	50.0	1.0	20.0
1,1,2-Trichloroethane	Ave	0.2852	0.3030		53.1	50.0	6.2	20.0
Tetrachloroethene	Ave	0.2397	0.2841		59.3	50.0	18.5	20.0
1,3-Dichloropropane	Ave	0.6031	0.6430		53.3	50.0	6.6	20.0
2-Hexanone	Lin1		0.3058		261	250	4.4	20.0
Dibromochloromethane	Lin1		0.3579		50.3	50.0	0.6	20.0
1,2-Dibromoethane	Ave	0.3373	0.3843		57.0	50.0	14.0	20.0
1-Chlorohexane	Lin1		0.3410		55.9	50.0	11.9	20.0
Chlorobenzene	Ave	1.004	1.085		54.0	50.0	8.1	20.0
1,1,1,2-Tetrachloroethane	Lin1		0.3908		52.9	50.0	5.7	20.0
Ethylbenzene	Ave	1.492	1.748		58.6	50.0	17.2	20.0
m,p-Xylenes	Ave	1.147	1.334		58.1	50.0	16.3	20.0
o-Xylene	Lin1		1.411		53.1	50.0	6.1	20.0
Styrene	Lin1		1.123		50.3	50.0	0.6	20.0
Bromoform	Qua		0.2244		51.1	50.0	2.3	20.0
Isopropylbenzene	Lin1		1.674		53.4	50.0	6.9	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Lab Sample ID: CCVIS 860-75142/2 Calibration Date: 10/27/2022 21:06

Instrument ID: A294 Calib Start Date: 10/17/2022 14:08

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 10/17/2022 16:02

Lab File ID: T10272238.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
cis-1,4-Dichloro-2-butene	Qua		0.1351		54.0	50.0	7.9	20.0
Cyclohexanone	Lin1		0.0259		4084	2500	63.4*	20.0
1,1,2,2-Tetrachloroethane	Ave	0.8255	0.8558		51.8	50.0	3.7	20.0
Bromobenzene	Ave	0.8211	0.9121		55.5	50.0	11.1	20.0
1,2,3-Trichloropropane	Lin1		1.136		51.9	50.0	3.8	20.0
trans-1,4-Dichloro-2-butene	Lin1		0.2422		50.6	50.0	1.3	20.0
N-Propylbenzene	Lin1		3.628		56.0	50.0	11.9	20.0
2-Chlorotoluene	Ave	2.238	2.601		58.1	50.0	16.3	20.0
4-Ethyltoluene	Lin1		3.127		55.1	50.0	10.2	20.0
1,3,5-Trimethylbenzene	Ave	2.222	2.640		59.4	50.0	18.8	20.0
4-Chlorotoluene	Ave	2.256	2.632		58.3	50.0	16.6	20.0
tert-Butylbenzene	Lin1		2.256		54.8	50.0	9.6	20.0
1,2,4-Trimethylbenzene	Lin1		2.708		54.3	50.0	8.6	20.0
sec-Butylbenzene	Lin1		3.116		55.0	50.0	10.0	20.0
1,3-Dichlorobenzene	Ave	1.448	1.639		56.6	50.0	13.2	20.0
p-Cymene (p-Isopropyltoluene)	Lin1		2.826		54.5	50.0	8.9	20.0
1,4-Dichlorobenzene	Ave	1.589	1.670		52.6	50.0	5.2	20.0
Dicyclopentadiene	Ave	2.537	3.090		60.9	50.0	21.8*	20.0
Benzyl chloride	Qua		0.2694		51.8	50.0	3.7	20.0
n-Butylbenzene	Lin1		2.350		53.6	50.0	7.2	20.0
1,2-Dichlorobenzene	Ave	1.471	1.602		54.5	50.0	8.9	20.0
1,2-Dibromo-3-Chloropropane	Lin1		0.1417		49.0	50.0	-2.0	20.0
1,2,4-Trichlorobenzene	Lin1		0.9366		53.2	50.0	6.5	20.0
Hexachlorobutadiene	Lin1		0.4244		53.6	50.0	7.2	20.0
Naphthalene	Lin1		1.617		55.4	50.0	10.8	20.0
1,2,3-Trichlorobenzene	Lin1		0.6393		55.3	50.0	10.7	20.0
2-Methylnaphthalene	Qua		0.2753		73.9	50.0	47.8*	20.0
1-Methylnaphthalene	Qua		0.2045		73.2	50.0	46.3*	20.0
Dibromofluoromethane (Surr)	Ave	0.4249	0.4160		49.0	50.0	-2.1	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3192	0.3149		49.3	50.0	-1.3	20.0
Toluene-d8 (Surr)	Ave	1.320	1.305		49.4	50.0	-1.2	20.0
4-Bromofluorobenzene (Surr)	Ave	0.8368	0.8666		51.8	50.0	3.6	20.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 860-75008/10

Matrix: Water Lab File ID: T10272211.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 10/27/2022 12:34

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 75008 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.000635	U	0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.000738	U	0.00100	0.000738
71-43-2	Benzene	0.000533	U	0.00100	0.000533
91-20-3	Naphthalene	0.00135	U	0.0100	0.00135
127-18-4	Tetrachloroethene	0.000801	U	0.00100	0.000801

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		63-144
460-00-4	4-Bromofluorobenzene (Surr)	108		74-124
1868-53-7	Dibromofluoromethane (Surr)	94		75-131
2037-26-5	Toluene-d8 (Surr)	103		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 860-75142/11

Matrix: Water Lab File ID: T10272247.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 10/27/2022 23:57

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 75142 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.000635	U	0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.000738	U	0.00100	0.000738
71-43-2	Benzene	0.000533	U	0.00100	0.000533
91-20-3	Naphthalene	0.00135	U	0.0100	0.00135
127-18-4	Tetrachloroethene	0.000801	U	0.00100	0.000801

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		63-144
460-00-4	4-Bromofluorobenzene (Surr)	98		74-124
1868-53-7	Dibromofluoromethane (Surr)	94		75-131
2037-26-5	Toluene-d8 (Surr)	97		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 860-75272/9

Matrix: Water Lab File ID: E10282243.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 10/28/2022 22:58

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 75272 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.000635	U	0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.000738	U	0.00100	0.000738
71-43-2	Benzene	0.000533	U	0.00100	0.000533
91-20-3	Naphthalene	0.00135	U	0.0100	0.00135
127-18-4	Tetrachloroethene	0.000801	U	0.00100	0.000801

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		63-144
460-00-4	4-Bromofluorobenzene (Surr)	98		74-124
1868-53-7	Dibromofluoromethane (Surr)	99		75-131
2037-26-5	Toluene-d8 (Surr)	98		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 860-75008/3

Matrix: Water Lab File ID: T10272203.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 10/27/2022 10:02

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 75008 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.05774		0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.05228		0.00100	0.000738
71-43-2	Benzene	0.05750		0.00100	0.000533
91-20-3	Naphthalene	0.04697		0.0100	0.00135
127-18-4	Tetrachloroethene	0.06203		0.00100	0.000801

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		63-144
460-00-4	4-Bromofluorobenzene (Surr)	104		74-124
1868-53-7	Dibromofluoromethane (Surr)	99		75-131
2037-26-5	Toluene-d8 (Surr)	99		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 860-75142/3

Matrix: Water Lab File ID: T10272239.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 10/27/2022 21:25

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 75142 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.05493		0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.04792		0.00100	0.000738
71-43-2	Benzene	0.05414		0.00100	0.000533
91-20-3	Naphthalene	0.05229		0.0100	0.00135
127-18-4	Tetrachloroethene	0.05706		0.00100	0.000801

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		63-144
460-00-4	4-Bromofluorobenzene (Surr)	102		74-124
1868-53-7	Dibromofluoromethane (Surr)	98		75-131
2037-26-5	Toluene-d8 (Surr)	97		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 860-75272/3

Matrix: Water Lab File ID: E10282237.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 10/28/2022 20:55

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 75272 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.05176		0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.04893		0.00100	0.000738
71-43-2	Benzene	0.05310		0.00100	0.000533
91-20-3	Naphthalene	0.05506		0.0100	0.00135
127-18-4	Tetrachloroethene	0.05397		0.00100	0.000801

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		63-144
460-00-4	4-Bromofluorobenzene (Surr)	98		74-124
1868-53-7	Dibromofluoromethane (Surr)	98		75-131
2037-26-5	Toluene-d8 (Surr)	97		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 860-75008/4

Matrix: Water Lab File ID: T10272204.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 10/27/2022 10:21

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 75008 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.05620		0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.05123		0.00100	0.000738
71-43-2	Benzene	0.05587		0.00100	0.000533
91-20-3	Naphthalene	0.05051		0.0100	0.00135
127-18-4	Tetrachloroethene	0.06094		0.00100	0.000801

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		63-144
460-00-4	4-Bromofluorobenzene (Surr)	104		74-124
1868-53-7	Dibromofluoromethane (Surr)	94		75-131
2037-26-5	Toluene-d8 (Surr)	97		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 860-75142/4

Matrix: Water Lab File ID: T10272240.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 10/27/2022 21:44

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 75142 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.05518		0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.05020		0.00100	0.000738
71-43-2	Benzene	0.05404		0.00100	0.000533
91-20-3	Naphthalene	0.05444		0.0100	0.00135
127-18-4	Tetrachloroethene	0.05774		0.00100	0.000801

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		63-144
460-00-4	4-Bromofluorobenzene (Surr)	103		74-124
1868-53-7	Dibromofluoromethane (Surr)	99		75-131
2037-26-5	Toluene-d8 (Surr)	98		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 860-75272/4

Matrix: Water Lab File ID: E10282238.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 10/28/2022 21:15

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 75272 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.05054		0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.05253		0.00100	0.000738
71-43-2	Benzene	0.05208		0.00100	0.000533
91-20-3	Naphthalene	0.05663		0.0100	0.00135
127-18-4	Tetrachloroethene	0.05652		0.00100	0.000801

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		63-144
460-00-4	4-Bromofluorobenzene (Surr)	98		74-124
1868-53-7	Dibromofluoromethane (Surr)	98		75-131
2037-26-5	Toluene-d8 (Surr)	98		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Client Sample ID: Artesia-MW36-10252022 MS Lab Sample ID: 860-35784-11 MS

Matrix: Water Lab File ID: T10272241.D

Analysis Method: 8260D Date Collected: 10/25/2022 18:00

Sample wt/vol: 5(mL) Date Analyzed: 10/27/2022 22:03

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 75142 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.06907		0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.05053		0.00100	0.000738
71-43-2	Benzene	0.05887		0.00100	0.000533
91-20-3	Naphthalene	0.06511		0.0100	0.00135
127-18-4	Tetrachloroethene	0.06673		0.00100	0.000801

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		63-144
460-00-4	4-Bromofluorobenzene (Surr)	105		74-124
1868-53-7	Dibromofluoromethane (Surr)	101		75-131
2037-26-5	Toluene-d8 (Surr)	100		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Client Sample ID: Artesia-MW28-10262022 MS Lab Sample ID: 860-35784-15 MS

Matrix: Water Lab File ID: E10282239.D

Analysis Method: 8260D Date Collected: 10/26/2022 08:50

Sample wt/vol: 5(mL) Date Analyzed: 10/28/2022 21:36

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 75272 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.05117		0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.05378		0.00100	0.000738
71-43-2	Benzene	0.05202		0.00100	0.000533
91-20-3	Naphthalene	0.05592		0.0100	0.00135
127-18-4	Tetrachloroethene	0.05742		0.00100	0.000801

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		63-144
460-00-4	4-Bromofluorobenzene (Surr)	98		74-124
1868-53-7	Dibromofluoromethane (Surr)	98		75-131
2037-26-5	Toluene-d8 (Surr)	98		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Client Sample ID: Artesia-MW36-10252022 MSD Lab Sample ID: 860-35784-11 MSD

Matrix: Water Lab File ID: T10272242.D

Analysis Method: 8260D Date Collected: 10/25/2022 18:00

Sample wt/vol: 5(mL) Date Analyzed: 10/27/2022 22:22

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 75142 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.06615		0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.04885		0.00100	0.000738
71-43-2	Benzene	0.05596		0.00100	0.000533
91-20-3	Naphthalene	0.06239		0.0100	0.00135
127-18-4	Tetrachloroethene	0.06417		0.00100	0.000801

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		63-144
460-00-4	4-Bromofluorobenzene (Surr)	104		74-124
1868-53-7	Dibromofluoromethane (Surr)	100		75-131
2037-26-5	Toluene-d8 (Surr)	98		80-117

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Instrument ID: A292 Start Date: 10/19/2022 09:42

Analysis Batch Number: 73795 End Date: 10/19/2022 12:47

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 860-73795/1		10/19/2022 09:42	1		DB-624 0.25(mm)
IC 860-73795/2		10/19/2022 10:02	1	E10192209.D	DB-624 0.25(mm)
IC 860-73795/3		10/19/2022 10:23	1	E10192210.D	DB-624 0.25(mm)
IC 860-73795/4		10/19/2022 10:44	1	E10192211.D	DB-624 0.25(mm)
IC 860-73795/5		10/19/2022 11:04	1	E10192212.D	DB-624 0.25(mm)
ICIS 860-73795/6		10/19/2022 11:25	1	E10192213.D	DB-624 0.25(mm)
IC 860-73795/7		10/19/2022 11:45	1	E10192214.D	DB-624 0.25(mm)
IC 860-73795/8		10/19/2022 12:06	1	E10192215.D	DB-624 0.25(mm)
ICV 860-73795/10		10/19/2022 12:47	1	E10192217.D	DB-624 0.25(mm)
ZZZZZ		10/19/2022 12:47	1		DB-624 0.25(mm)

8260D

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Instrument ID: A292 Start Date: 10/28/2022 19:53

Analysis Batch Number: 75272 End Date: 10/29/2022 05:48

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 860-75272/1		10/28/2022 19:53	1	E10282234.D	DB-624 0.25(mm)
CCVIS 860-75272/2		10/28/2022 20:34	1	E10282236.D	DB-624 0.25(mm)
LCS 860-75272/3		10/28/2022 20:55	1	E10282237.D	DB-624 0.25(mm)
LCSD 860-75272/4		10/28/2022 21:15	1	E10282238.D	DB-624 0.25(mm)
860-35784-15 MS	Artesia-MW28-10262022 MS	10/28/2022 21:36	1	E10282239.D	DB-624 0.25(mm)
MB 860-75272/9		10/28/2022 22:58	1	E10282243.D	DB-624 0.25(mm)
860-35784-15	Artesia-MW28-10262022	10/28/2022 23:18	1	E10282244.D	DB-624 0.25(mm)
860-35784-16	Artesia-MW34-10262022	10/28/2022 23:39	1	E10282245.D	DB-624 0.25(mm)
860-35784-17	Artesia-MW31-10262022	10/28/2022 23:59	1	E10282246.D	DB-624 0.25(mm)
860-35784-18	Artesia-MW22-10262022	10/29/2022 00:20	1	E10282247.D	DB-624 0.25(mm)
860-35784-19	Artesia-MW25-10262022	10/29/2022 00:40	1	E10282248.D	DB-624 0.25(mm)
860-35784-20	Artesia-MW32-10262022	10/29/2022 01:01	1	E10282249.D	DB-624 0.25(mm)
860-35784-21	Artesia-MW11-10262022	10/29/2022 01:21	1	E10282250.D	DB-624 0.25(mm)
860-35784-22	Artesia-MD11-10262022	10/29/2022 01:42	1	E10282251.D	DB-624 0.25(mm)
860-35784-24	Artesia-MW37-10262022	10/29/2022 02:02	1	E10282252.D	DB-624 0.25(mm)
ZZZZZ		10/29/2022 02:23	50		DB-624 0.25(mm)
ZZZZZ		10/29/2022 02:44	50		DB-624 0.25(mm)
ZZZZZ		10/29/2022 03:04	50		DB-624 0.25(mm)
ZZZZZ		10/29/2022 03:25	50		DB-624 0.25(mm)
ZZZZZ		10/29/2022 03:45	50		DB-624 0.25(mm)
ZZZZZ		10/29/2022 04:06	1		DB-624 0.25(mm)
ZZZZZ		10/29/2022 04:26	1		DB-624 0.25(mm)
ZZZZZ		10/29/2022 04:47	1		DB-624 0.25(mm)
ZZZZZ		10/29/2022 05:07	1		DB-624 0.25(mm)
860-35784-23	Artesia-MW12-10262022	10/29/2022 05:28	1	E10282262.D	DB-624 0.25(mm)
ZZZZZ		10/29/2022 05:48	10		DB-624 0.25(mm)

8260D

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Instrument ID: A294 Start Date: 10/17/2022 13:49

Analysis Batch Number: 73445 End Date: 10/17/2022 19:31

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 860-73445/1		10/17/2022 13:49	1	T10172213.D	DB-624 0.25(mm)
IC 860-73445/2		10/17/2022 14:08	1	T10172214.D	DB-624 0.25(mm)
IC 860-73445/3		10/17/2022 14:27	1	T10172215.D	DB-624 0.25(mm)
IC 860-73445/4		10/17/2022 14:46	1	T10172216.D	DB-624 0.25(mm)
IC 860-73445/5		10/17/2022 15:05	1	T10172217.D	DB-624 0.25(mm)
ICIS 860-73445/6		10/17/2022 15:24	1	T10172218.D	DB-624 0.25(mm)
IC 860-73445/8		10/17/2022 15:43	1	T10172219.D	DB-624 0.25(mm)
IC 860-73445/10		10/17/2022 16:02	1	T10172220.D	DB-624 0.25(mm)
ICV 860-73445/13		10/17/2022 16:59	1	T10172223.D	DB-624 0.25(mm)
ZZZZZ		10/17/2022 16:59	1		DB-624 0.25(mm)
ZZZZZ		10/17/2022 19:31	1		DB-624 0.25(mm)

8260D

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Instrument ID: A294 Start Date: 10/27/2022 08:53

Analysis Batch Number: 75008 End Date: 10/27/2022 19:12

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 860-75008/1		10/27/2022 08:53	1	T10262243.D	DB-624 0.25(mm)
CCVIS 860-75008/2		10/27/2022 09:21	1	T10272202.D	DB-624 0.25(mm)
LCS 860-75008/3		10/27/2022 10:02	1	T10272203.D	DB-624 0.25(mm)
LCSD 860-75008/4		10/27/2022 10:21	1	T10272204.D	DB-624 0.25(mm)
ZZZZZ		10/27/2022 10:40	1		DB-624 0.25(mm)
MB 860-75008/10		10/27/2022 12:34	1	T10272211.D	DB-624 0.25(mm)
ZZZZZ		10/27/2022 14:28	1		DB-624 0.25(mm)
860-35784-1	Artesia-TB01-10252022	10/27/2022 15:06	1	T10272219.D	DB-624 0.25(mm)
860-35784-12	Artesia-TB02-10262022	10/27/2022 15:25	1	T10272220.D	DB-624 0.25(mm)
860-35784-2	Artesia-Inlet-10252022	10/27/2022 17:19	1	T10272226.D	DB-624 0.25(mm)
860-35784-3	Artesia-Mid-10252022	10/27/2022 17:38	1	T10272227.D	DB-624 0.25(mm)
860-35784-4	Artesia-Outlet-10252022	10/27/2022 17:56	1	T10272228.D	DB-624 0.25(mm)
860-35784-5	Artesia-MW40-10252022	10/27/2022 18:15	1	T10272229.D	DB-624 0.25(mm)
860-35784-6	Artesia-MD40-10252022	10/27/2022 18:34	1	T10272230.D	DB-624 0.25(mm)
860-35784-7	Artesia-MW39-10252022	10/27/2022 18:53	1	T10272231.D	DB-624 0.25(mm)
860-35784-8	Artesia-MW35-10252022	10/27/2022 19:12	1	T10272232.D	DB-624 0.25(mm)

8260D

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Instrument ID: A294 Start Date: 10/27/2022 20:28

Analysis Batch Number: 75142 End Date: 10/28/2022 06:35

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 860-75142/1		10/27/2022 20:28	1	T10272236.D	DB-624 0.25(mm)
CCVIS 860-75142/2		10/27/2022 21:06	1	T10272238.D	DB-624 0.25(mm)
LCS 860-75142/3		10/27/2022 21:25	1	T10272239.D	DB-624 0.25(mm)
LCSD 860-75142/4		10/27/2022 21:44	1	T10272240.D	DB-624 0.25(mm)
860-35784-11 MS	Artesia-MW36-10252022 MS	10/27/2022 22:03	1	T10272241.D	DB-624 0.25(mm)
860-35784-11 MSD	Artesia-MW36-10252022 MSD	10/27/2022 22:22	1	T10272242.D	DB-624 0.25(mm)
ZZZZZ		10/27/2022 22:41	50		DB-624 0.25(mm)
MB 860-75142/11		10/27/2022 23:57	1	T10272247.D	DB-624 0.25(mm)
ZZZZZ		10/28/2022 00:16	5		DB-624 0.25(mm)
ZZZZZ		10/28/2022 00:35	50		DB-624 0.25(mm)
ZZZZZ		10/28/2022 00:54	50		DB-624 0.25(mm)
860-35784-11	Artesia-MW36-10252022	10/28/2022 01:13	1	T10272251.D	DB-624 0.25(mm)
860-35784-9	Artesia-MW38-10252022	10/28/2022 01:32	1	T10272252.D	DB-624 0.25(mm)
860-35784-10	Artesia-MW17C-10252022	10/28/2022 01:51	1	T10272253.D	DB-624 0.25(mm)
860-35784-13	Artesia-MW30-10262022	10/28/2022 02:10	1	T10272254.D	DB-624 0.25(mm)
860-35784-14	Artesia-MW29-10262022	10/28/2022 02:29	1	T10272255.D	DB-624 0.25(mm)
ZZZZZ		10/28/2022 03:44	1		DB-624 0.25(mm)
ZZZZZ		10/28/2022 04:03	1		DB-624 0.25(mm)
ZZZZZ		10/28/2022 04:22	1		DB-624 0.25(mm)
ZZZZZ		10/28/2022 04:41	1		DB-624 0.25(mm)
ZZZZZ		10/28/2022 05:00	1		DB-624 0.25(mm)
ZZZZZ		10/28/2022 06:16	200		DB-624 0.25(mm)
ZZZZZ		10/28/2022 06:35	200		DB-624 0.25(mm)

8260D

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Batch Number: 73445 Batch Start Date: 10/17/22 13:49 Batch Analyst: Ngo, Anh

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	VM8260GASLCS 00035	VM8260GASSTD 00055	VM8260ISSS50 00015	VM8260LCS 00043
BFB 860-73445/1		8260D		5 mL	5 mL			5 uL	
IC 860-73445/2		8260D		5 mL	5 mL		1 uL	5 uL	
IC 860-73445/3		8260D		5 mL	5 mL		5 uL	5 uL	
IC 860-73445/4		8260D		5 mL	5 mL		10 uL	5 uL	
IC 860-73445/5		8260D		5 mL	5 mL		25 uL	5 uL	
ICIS 860-73445/6		8260D		5 mL	5 mL		50 uL	5 uL	
IC 860-73445/8		8260D		5 mL	5 mL		100 uL	5 uL	
IC 860-73445/10		8260D		5 mL	5 mL		150 uL	5 uL	
ICV 860-73445/13		8260D		5 mL	5 mL	50 uL		5 uL	50 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	VM8260STD 00083					
BFB 860-73445/1		8260D							
IC 860-73445/2		8260D		1 uL					
IC 860-73445/3		8260D		5 uL					
IC 860-73445/4		8260D		10 uL					
IC 860-73445/5		8260D		25 uL					
ICIS 860-73445/6		8260D		50 uL					
IC 860-73445/8		8260D		100 uL					
IC 860-73445/10		8260D		150 uL					
ICV 860-73445/13		8260D							

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 Houston Job No.: 860-35784-1

SDG No.:

Batch Number: 73795 Batch Start Date: 10/19/22 09:42 Batch Analyst: Alves, Nathalie

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	VM8260GASLCS 00035	VM8260GASSTD 00054	VM8260ISSS50 00015	VM8260LCS 00043
IC 860-73795/2		8260D		5 mL	5 mL		1 uL	5 uL	
IC 860-73795/3		8260D		5 mL	5 mL		5 uL	5 uL	
IC 860-73795/4		8260D		5 mL	5 mL		10 uL	5 uL	
IC 860-73795/5		8260D		5 mL	5 mL		25 uL	5 uL	
ICIS 860-73795/6		8260D		5 mL	5 mL		50 uL	5 uL	
IC 860-73795/7		8260D		5 mL	5 mL		100 uL	5 uL	
IC 860-73795/8		8260D		5 mL	5 mL		150 uL	5 uL	
ICV 860-73795/10		8260D		5 mL	5 mL	50 uL		5 uL	50 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	VM8260STD 00082					
IC 860-73795/2		8260D		1 uL					
IC 860-73795/3		8260D		5 uL					
IC 860-73795/4		8260D		10 uL					
IC 860-73795/5		8260D		25 uL					
ICIS 860-73795/6		8260D		50 uL					
IC 860-73795/7		8260D		100 uL					
IC 860-73795/8		8260D		150 uL					
ICV 860-73795/10		8260D							

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 Houston Job No.: 860-35784-1

SDG No.:

Batch Number: 75008 Batch Start Date: 10/27/22 08:53 Batch Analyst: Ngo, Anh

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	VM8260GASSTD 00055	VM8260ISSS50 00015	VM8260STD 00083
BFB 860-75008/1		8260D		5 mL	5 mL			5 uL	
CCVIS 860-75008/2		8260D		5 mL	5 mL		50 uL	5 uL	50 uL
LCS 860-75008/3		8260D		5 mL	5 mL		50 uL	5 uL	50 uL
LCSD 860-75008/4		8260D		5 mL	5 mL		50 uL	5 uL	50 uL
MB 860-75008/10		8260D		5 mL	5 mL			5 uL	
860-35784-A-1	Artesia-TB01-10252022	8260D	T	5 mL	5 mL	2 SU		5 uL	
860-35784-A-12	Artesia-TB02-10262022	8260D	T	5 mL	5 mL	2 SU		5 uL	
860-35784-A-2	Artesia-Inlet-10252022	8260D	T	5 mL	5 mL	2 SU		5 uL	
860-35784-A-3	Artesia-Mid-10252022	8260D	T	5 mL	5 mL	2 SU		5 uL	
860-35784-A-4	Artesia-Outlet-10252022	8260D	T	5 mL	5 mL	2 SU		5 uL	
860-35784-A-5	Artesia-MW40-10252022	8260D	T	5 mL	5 mL	2 SU		5 uL	
860-35784-A-6	Artesia-MD40-10252022	8260D	T	5 mL	5 mL	2 SU		5 uL	
860-35784-A-7	Artesia-MW39-10252022	8260D	T	5 mL	5 mL	2 SU		5 uL	
860-35784-A-8	Artesia-MW35-10252022	8260D	T	5 mL	5 mL	2 SU		5 uL	

Batch Notes	
pH Indicator ID	206722

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 Houston Job No.: 860-35784-1

SDG No.:

Batch Number: 75142 Batch Start Date: 10/27/22 20:28 Batch Analyst: Ngo, Anh

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	VM8260GASSTD 00055	VM8260ISSS50 00015	VM8260STD 00083
BFB 860-75142/1		8260D		5 mL	5 mL			5 uL	
CCVIS 860-75142/2		8260D		5 mL	5 mL		50 uL	5 uL	50 uL
LCS 860-75142/3		8260D		5 mL	5 mL		50 uL	5 uL	50 uL
LCSD 860-75142/4		8260D		5 mL	5 mL		50 uL	5 uL	50 uL
860-35784-B-11 MS	Artesia-MW36-102 52022	8260D	T	5 mL	5 mL		40 uL	5 uL	40 uL
860-35784-B-11 MSD	Artesia-MW36-102 52022	8260D	T	5 mL	5 mL		40 uL	5 uL	40 uL
MB 860-75142/11		8260D		5 mL	5 mL			5 uL	
860-35784-B-11	Artesia-MW36-102 52022	8260D	T	5 mL	5 mL	2 SU		5 uL	
860-35784-B-9	Artesia-MW38-102 52022	8260D	T	5 mL	5 mL	2 SU		5 uL	
860-35784-B-10	Artesia-MW17C-10 252022	8260D	T	5 mL	5 mL	2 SU		5 uL	
860-35784-A-13	Artesia-MW30-102 62022	8260D	T	5 mL	5 mL	2 SU		5 uL	
860-35784-A-14	Artesia-MW29-102 62022	8260D	T	5 mL	5 mL	2 SU		5 uL	

Batch Notes	
pH Indicator ID	206722

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 Houston Job No.: 860-35784-1

SDG No.:

Batch Number: 75272 Batch Start Date: 10/28/22 19:53 Batch Analyst: Alves, Nathalie

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	VM8260GASSTD 00054	VM8260ISSS50 00015	VM8260STD 00082
BFB 860-75272/1		8260D		5 mL	5 mL			5 uL	
CCVIS 860-75272/2		8260D		5 mL	5 mL		50 uL	5 uL	50 uL
LCS 860-75272/3		8260D		5 mL	5 mL		50 uL	5 uL	50 uL
LCSD 860-75272/4		8260D		5 mL	5 mL		50 uL	5 uL	50 uL
860-35784-A-15 MS	Artesia-MW28-102 62022	8260D	T	5 mL	5 mL		40 uL	5 uL	40 uL
MB 860-75272/9		8260D		5 mL	5 mL			5 uL	
860-35784-B-15	Artesia-MW28-102 62022	8260D	T	5 mL	5 mL	2 SU		5 uL	
860-35784-A-16	Artesia-MW34-102 62022	8260D	T	5 mL	5 mL	2 SU		5 uL	
860-35784-A-17	Artesia-MW31-102 62022	8260D	T	5 mL	5 mL	2 SU		5 uL	
860-35784-A-18	Artesia-MW22-102 62022	8260D	T	5 mL	5 mL	2 SU		5 uL	
860-35784-A-19	Artesia-MW25-102 62022	8260D	T	5 mL	5 mL	2 SU		5 uL	
860-35784-A-20	Artesia-MW32-102 62022	8260D	T	5 mL	5 mL	2 SU		5 uL	
860-35784-B-21	Artesia-MW11-102 62022	8260D	T	5 mL	5 mL	2 SU		5 uL	
860-35784-A-22	Artesia-MD11-102 62022	8260D	T	5 mL	5 mL	2 SU		5 uL	
860-35784-B-24	Artesia-MW37-102 62022	8260D	T	5 mL	5 mL	2 SU		5 uL	
860-35784-B-23	Artesia-MW12-102 62022	8260D	T	5 mL	5 mL	2 SU		5 uL	

Batch Notes	
pH Indicator ID	206722

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: 3/4/2024 2:02:33 PM

FORM III
HPLC/IC LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 07_Nov_2022 12_39.d

Lab ID: LCS 860-76611/4 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC	QC LIMITS REC	#
Sulfate	10.0	9.646	96	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 Houston Job No.: 860-35784-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 07_Nov_2022 20_57.d

Lab ID: LCS 860-76611/39 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC	QC LIMITS REC	#
Sulfate	10.0	9.822	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 Houston Job No.: 860-35784-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 09_Nov_2022 14_40.d

Lab ID: LCS 860-76986/4 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC	QC LIMITS REC	#
Sulfate	10.0	9.978	100	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 Houston Job No.: 860-35784-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 07_Nov_2022 12_52.d

Lab ID: LCSD 860-76611/5 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Sulfate	10.0	9.674	97	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 Houston Job No.: 860-35784-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 07_Nov_2022 21_11.d

Lab ID: LCSD 860-76611/40 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Sulfate	10.0	9.802	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 Houston Job No.: 860-35784-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 09_Nov_2022 14_54.d

Lab ID: LCSD 860-76986/5 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Sulfate	10.0	9.954	100	0	20	90-110	

Column to be used to flag recovery and RPD values

FORM III 300.0

FORM III
HPLC/IC LOW LEVEL CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 07_Nov_2022 13_20.d

Lab ID: LLCS 860-76611/7 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LLCS CONCENTRATION (mg/L)	LLCS % REC	QC LIMITS REC	#
Sulfate	0.500	0.5472	109	50-150	

Column to be used to flag recovery and RPD values

FORM III 300.0

FORM III
HPLC/IC LOW LEVEL CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 09_Nov_2022 15_22.d

Lab ID: LLCS 860-76986/7 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LLCS CONCENTRATION (mg/L)	LLCS % REC	QC LIMITS REC	#
Sulfate	0.500	0.5563	111	50-150	

Column to be used to flag recovery and RPD values

FORM III 300.0

FORM IV
HPLC/IC METHOD BLANK SUMMARY

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Lab File ID: 07_Nov_2022 12_25.d Lab Sample ID: MB 860-76611/3

Matrix: Water Date Extracted:

Instrument ID: A166 Date Analyzed: 11/07/2022 12:25

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 860-76611/4	07_Nov_2022 12_39.d	11/07/2022 12:39
	LCSD 860-76611/5	07_Nov_2022 12_52.d	11/07/2022 12:52
	LLCS 860-76611/7	07_Nov_2022 13_20.d	11/07/2022 13:20

FORM IV 300.0

FORM IV
HPLC/IC METHOD BLANK SUMMARY

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Lab File ID: 07_Nov_2022 20_43.d Lab Sample ID: MB 860-76611/38

Matrix: Water Date Extracted:

Instrument ID: A166 Date Analyzed: 11/07/2022 20:43

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 860-76611/39	07_Nov_2022 20_57.d	11/07/2022 20:57
	LCSD 860-76611/40	07_Nov_2022 21_11.d	11/07/2022 21:11

FORM IV 300.0

FORM IV
HPLC/IC METHOD BLANK SUMMARY

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Lab File ID: 09_Nov_2022 14_26.d Lab Sample ID: MB 860-76986/3

Matrix: Water Date Extracted:

Instrument ID: A166 Date Analyzed: 11/09/2022 14:26

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 860-76986/4	09_Nov_2022 14_40.d	11/09/2022 14:40
	LCSD 860-76986/5	09_Nov_2022 14_54.d	11/09/2022 14:54
	LLCS 860-76986/7	09_Nov_2022 15_22.d	11/09/2022 15:22
Artesia-MW38-10252022	860-35784-9	09_Nov_2022 18_39.d	11/09/2022 18:39
Artesia-MW17C-10252022	860-35784-10	09_Nov_2022 18_52.d	11/09/2022 18:52
Artesia-MW36-10252022	860-35784-11	09_Nov_2022 19_06.d	11/09/2022 19:06
Artesia-MW11-10262022	860-35784-21	09_Nov_2022 19_20.d	11/09/2022 19:20
Artesia-MW37-10262022	860-35784-24	09_Nov_2022 19_34.d	11/09/2022 19:34
Artesia-MW12-10262022	860-35784-23	09_Nov_2022 19_48.d	11/09/2022 19:48

FORM IV 300.0

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Client Sample ID: Artesia-MW38-10252022 Lab Sample ID: 860-35784-9

Matrix: Water Lab File ID: 09_Nov_2022 18_39.d

Analysis Method: 300.0 Date Collected: 10/25/2022 12:10

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 11/09/2022 18:39

Con. Extract Vol.: Dilution Factor: 10

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 76986 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	2080		5.00	1.09

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Client Sample ID: Artesia-MW17C-10252022 Lab Sample ID: 860-35784-10

Matrix: Water Lab File ID: 09_Nov_2022 18_52.d

Analysis Method: 300.0 Date Collected: 10/25/2022 15:00

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 11/09/2022 18:52

Con. Extract Vol.: Dilution Factor: 10

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 76986 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	2440		5.00	1.09

FORM I 300.0

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Client Sample ID: Artesia-MW36-10252022 Lab Sample ID: 860-35784-11

Matrix: Water Lab File ID: 09_Nov_2022 19_06.d

Analysis Method: 300.0 Date Collected: 10/25/2022 18:00

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 11/09/2022 19:06

Con. Extract Vol.: Dilution Factor: 10

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 76986 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	2200		5.00	1.09

FORM I 300.0

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Client Sample ID: Artesia-MW11-10262022 Lab Sample ID: 860-35784-21

Matrix: Water Lab File ID: 09_Nov_2022 19_20.d

Analysis Method: 300.0 Date Collected: 10/26/2022 12:55

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 11/09/2022 19:20

Con. Extract Vol.: Dilution Factor: 10

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 76986 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	2930		5.00	1.09

FORM I 300.0

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Client Sample ID: Artesia-MW12-10262022 Lab Sample ID: 860-35784-23

Matrix: Water Lab File ID: 09_Nov_2022 19_48.d

Analysis Method: 300.0 Date Collected: 10/26/2022 09:30

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 11/09/2022 19:48

Con. Extract Vol.: Dilution Factor: 10

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 76986 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	2560		5.00	1.09

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Client Sample ID: Artesia-MW37-10262022 Lab Sample ID: 860-35784-24

Matrix: Water Lab File ID: 09_Nov_2022 19_34.d

Analysis Method: 300.0 Date Collected: 10/26/2022 11:20

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 11/09/2022 19:34

Con. Extract Vol.: Dilution Factor: 10

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 76986 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	728		5.00	1.09

FORM I 300.0

FORM VI
HPLC/IC BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RETENTION TIME SUMMARY

Lab Name: Eurofins Houston Job No.: 860-35784-1 Analy Batch No.: 75365

SDG No.:

Instrument ID: A166 GC Column: AS-18 ID: 0.004(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/29/2022 18:28 Calibration End Date: 10/29/2022 20:33 Calibration ID: 3902

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-75365/1	29_Oct_2022 18_28.d
Level 2	IC 860-75365/2	29_Oct_2022 18_42.d
Level 3	IC 860-75365/3	29_Oct_2022 18_56.d
Level 4	IC 860-75365/4	29_Oct_2022 19_10.d
Level 5	IC 860-75365/5	29_Oct_2022 19_24.d
Level 6	IC 860-75365/6	29_Oct_2022 19_38.d
Level 7	IC 860-75365/7	29_Oct_2022 19_52.d
Level 8	IC 860-75365/8	29_Oct_2022 20_06.d
Level 9	IC 860-75365/9	29_Oct_2022 20_19.d
Level 10	IC 860-75365/10	29_Oct_2022 20_33.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	+++++	+++++	3.283	3.283	3.290	3.297	3.307	+++++	+++++	+++++	3.047 - 3.547	3.292
Chloride	+++++	+++++	4.523	4.523	4.523	4.520	4.517	4.507	4.480	4.453	4.270 - 4.770	4.506
Sulfate	+++++	+++++	6.590	6.587	6.577	6.557	6.530	6.397	6.213	5.987	6.307 - 6.807	6.430
Bromide	+++++	+++++	7.313	7.310	7.297	7.287	7.257	+++++	+++++	+++++	7.037 - 7.537	7.293

FORM VI
HPLC/IC BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Houston Job No.: 860-35784-1 Analy Batch No.: 75365

SDG No.:

Instrument ID: A166 GC Column: AS-18 ID: 0.004(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/29/2022 18:28 Calibration End Date: 10/29/2022 20:33 Calibration ID: 3902

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-75365/1	29_Oct_2022 18_28.d
Level 2	IC 860-75365/2	29_Oct_2022 18_42.d
Level 3	IC 860-75365/3	29_Oct_2022 18_56.d
Level 4	IC 860-75365/4	29_Oct_2022 19_10.d
Level 5	IC 860-75365/5	29_Oct_2022 19_24.d
Level 6	IC 860-75365/6	29_Oct_2022 19_38.d
Level 7	IC 860-75365/7	29_Oct_2022 19_52.d
Level 8	IC 860-75365/8	29_Oct_2022 20_06.d
Level 9	IC 860-75365/9	29_Oct_2022 20_19.d
Level 10	IC 860-75365/10	29_Oct_2022 20_33.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	+++++ 25420047 +++++	+++++ 25289836 +++++	23444424 24376503	24697399 +++++	Lin1	-225254.96	24796562.7							1.0000		0.9950
Chloride	+++++ 14539707 15842426	+++++ 15044312 16199259	12572650 15362840	13314269 16008386	Lin1	-2841839.9	16056185.2							1.0000		0.9950
Sulfate	+++++ 10955551 11751223	+++++ 11444624 11486611	10218970 12307279	11263481 12170692	Lin1	-492258.85	11656921.7							1.0000		0.9950
Bromide	+++++ 5788392 +++++	+++++ 6186941 +++++	4782964 6806035	4931258 +++++	Lin1	-1348599.7	6602679.93							0.9970		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 Houston | Job No.: 860-35784-1 | Analy Batch No.: 75365

SDG No.:

Instrument ID: A166 | GC Column: AS-18 | ID: 0.004(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 10/29/2022 18:28 | Calibration End Date: 10/29/2022 20:33 | Calibration ID: 3902

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-75365/1	29_Oct_2022 18_28.d
Level 2	IC 860-75365/2	29_Oct_2022 18_42.d
Level 3	IC 860-75365/3	29_Oct_2022 18_56.d
Level 4	IC 860-75365/4	29_Oct_2022 19_10.d
Level 5	IC 860-75365/5	29_Oct_2022 19_24.d
Level 6	IC 860-75365/6	29_Oct_2022 19_38.d
Level 7	IC 860-75365/7	29_Oct_2022 19_52.d
Level 8	IC 860-75365/8	29_Oct_2022 20_06.d
Level 9	IC 860-75365/9	29_Oct_2022 20_19.d
Level 10	IC 860-75365/10	29_Oct_2022 20_33.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	+++++ 252898361	+++++ 487530053	11722212 +++++	24697399 +++++	127100237 +++++	+++++ 10.0	+++++ 20.0	0.500 +++++	1.00 +++++	5.00 +++++
Chloride	Lin1	+++++ 150443119	+++++ 307256790	6286325 160083859 8	13314269 396060654 8	72698537 809962929 7	+++++ 10.0	+++++ 20.0	0.500 100	1.00 250	5.00 500
Sulfate	Lin1	+++++ 114446239	+++++ 246145573	5109485 121706922 6	11263481 293780581 6	54777753 574330547 7	+++++ 10.0	+++++ 20.0	0.500 100	1.00 250	5.00 500
Bromide	Lin1	+++++ 61869409	+++++ 136120708	2391482 +++++	4931258 +++++	28941962 +++++	+++++ 10.0	+++++ 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

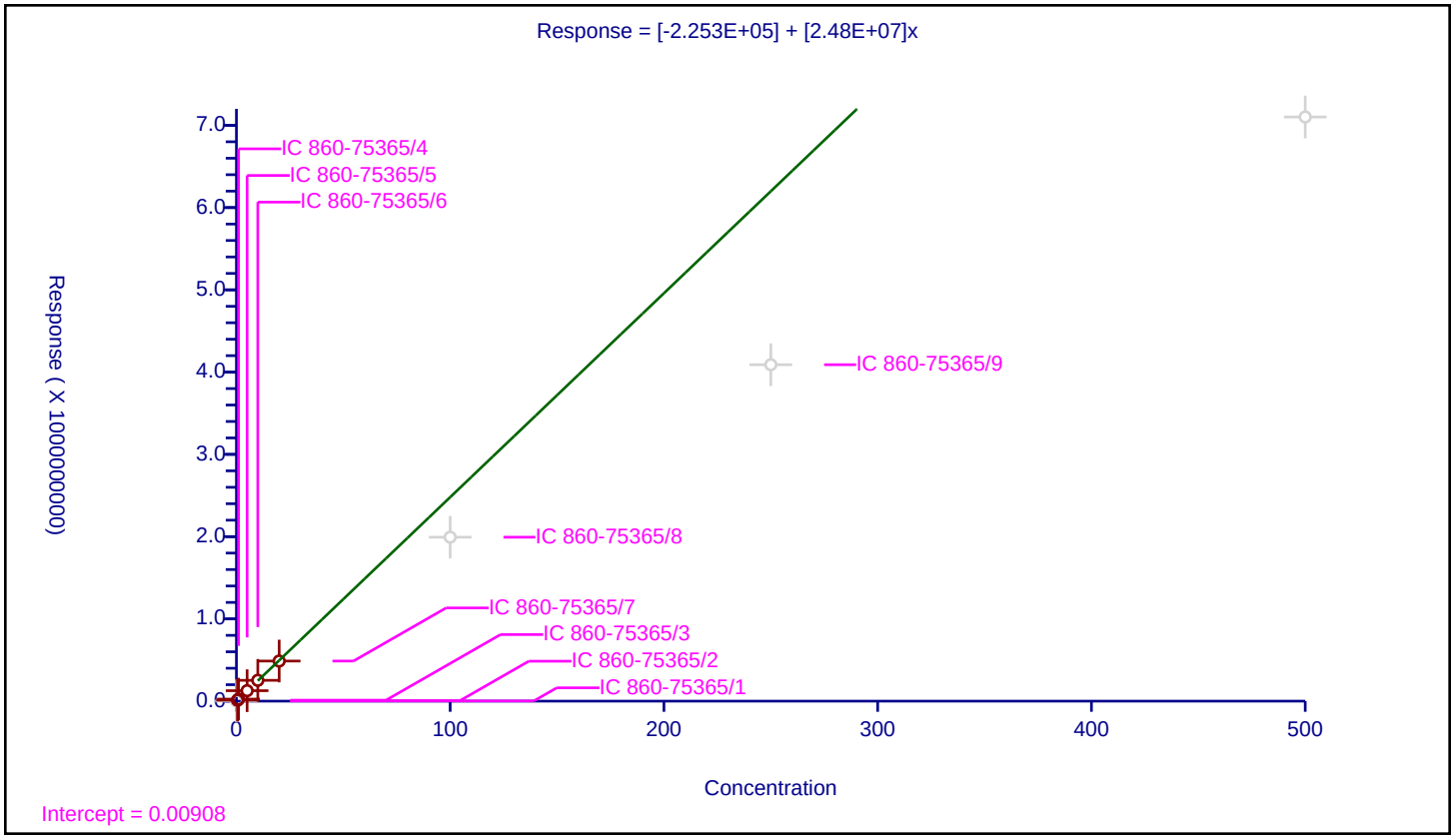
Curve Coefficients

Intercept:	-2.253E+05
Slope:	2.48E+07

Error Coefficients

Standard Error:	5910000
Relative Standard Error:	3.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	IC 860-75365/1	0.1	2083405.0			20834050.0	N
2	IC 860-75365/2	0.2	4282200.0			21411000.0	N
3	IC 860-75365/3	0.5	11722212.0			23444424.0	Y
4	IC 860-75365/4	1.0	24697399.0			24697399.0	Y
5	IC 860-75365/5	5.0	127100237.0			25420047.4	Y
6	IC 860-75365/6	10.0	252898361.0			25289836.1	Y
7	IC 860-75365/7	20.0	487530053.0			24376502.65	Y
8	IC 860-75365/8	100.0	1993190145.0			19931901.45	N
9	IC 860-75365/9	250.0	4090041657.0			16360166.628	N
10	IC 860-75365/10	500.0	7101610798.0			14203221.596	N



Calibration / Chloride

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ESTD
Response Base:	AREA
RF Rounding:	0

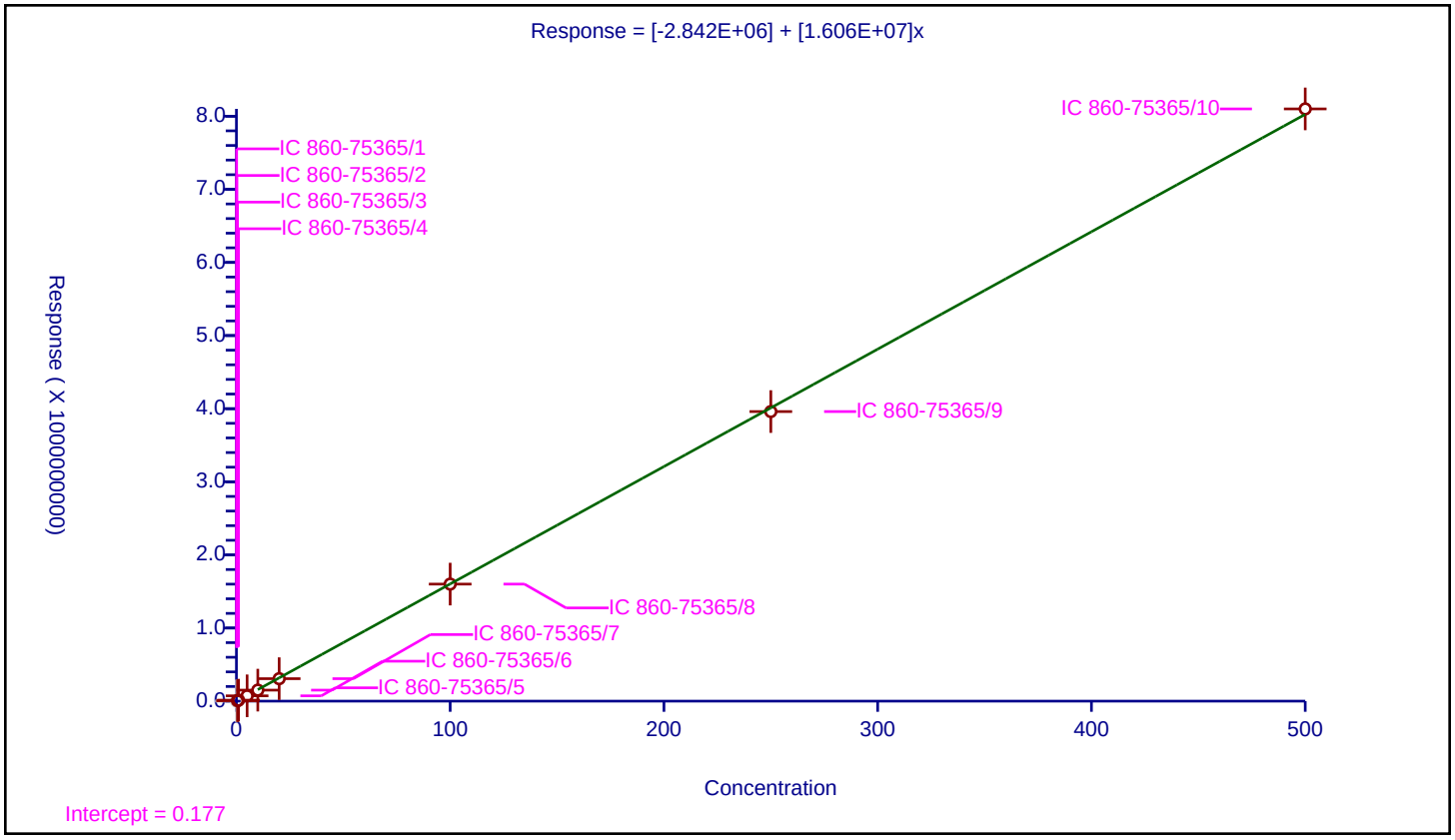
Curve Coefficients

Intercept:	-2.842E+06
Slope:	1.606E+07

Error Coefficients

Standard Error:	37200000
Relative Standard Error:	6.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	IC 860-75365/1	0.1	1222313.0			12223130.0	N
2	IC 860-75365/2	0.2	2369705.0			11848525.0	N
3	IC 860-75365/3	0.5	6286325.0			12572650.0	Y
4	IC 860-75365/4	1.0	13314269.0			13314269.0	Y
5	IC 860-75365/5	5.0	72698537.0			14539707.4	Y
6	IC 860-75365/6	10.0	150443119.0			15044311.9	Y
7	IC 860-75365/7	20.0	307256790.0			15362839.5	Y
8	IC 860-75365/8	100.0	1600838598.0			16008385.98	Y
9	IC 860-75365/9	250.0	3960606548.0			15842426.192	Y
10	IC 860-75365/10	500.0	8099629297.0			16199258.594	Y



Calibration / Sulfate

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ESTD
Response Base:	AREA
RF Rounding:	0

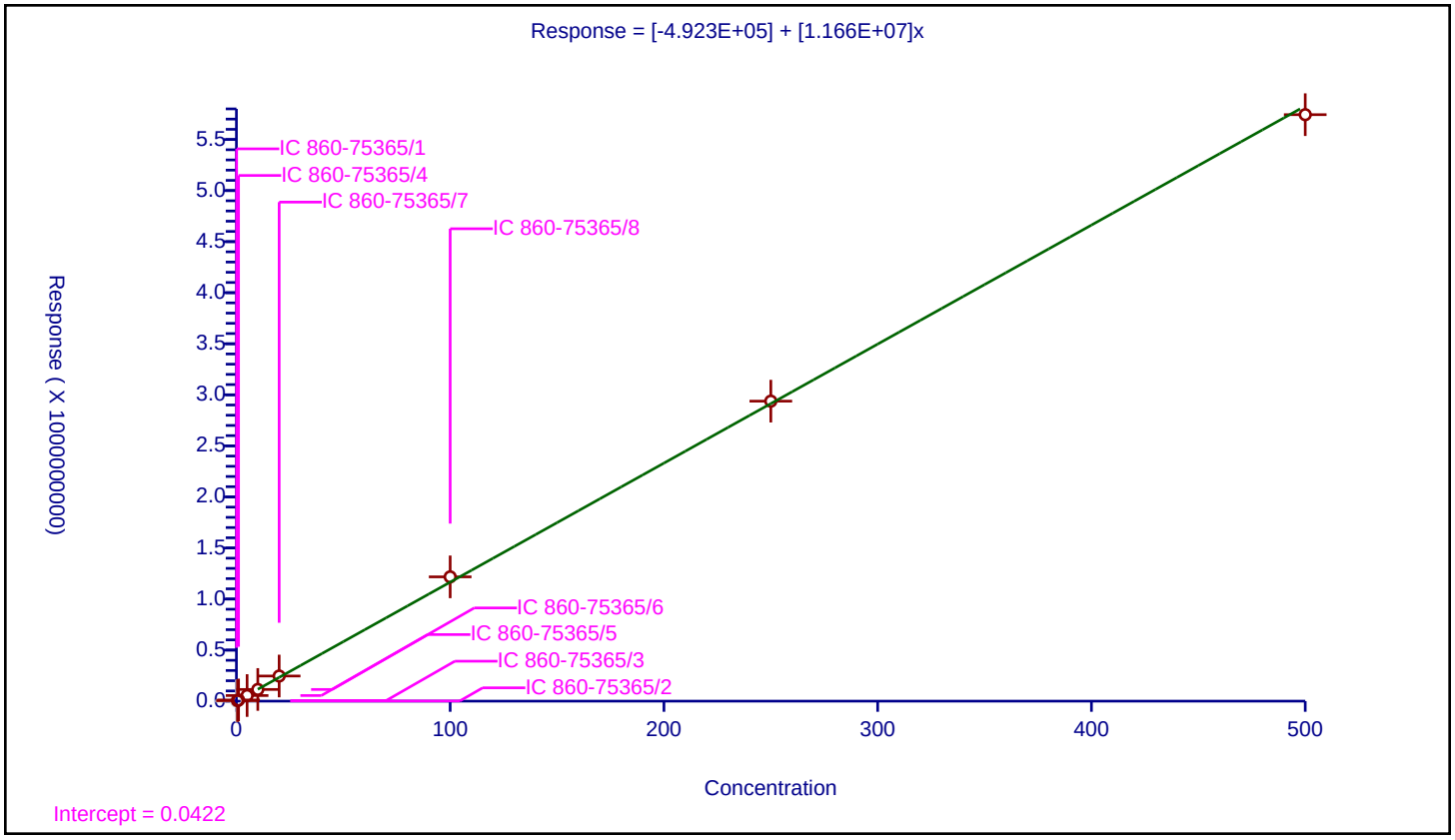
Curve Coefficients

Intercept:	-4.923E+05
Slope:	1.166E+07

Error Coefficients

Standard Error:	42100000
Relative Standard Error:	4.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	IC 860-75365/1	0.1	815905.0			8159050.0	N
2	IC 860-75365/2	0.2	1668457.0			8342285.0	N
3	IC 860-75365/3	0.5	5109485.0			10218970.0	Y
4	IC 860-75365/4	1.0	11263481.0			11263481.0	Y
5	IC 860-75365/5	5.0	54777753.0			10955550.6	Y
6	IC 860-75365/6	10.0	114446239.0			11444623.9	Y
7	IC 860-75365/7	20.0	246145573.0			12307278.65	Y
8	IC 860-75365/8	100.0	1217069226.0			12170692.26	Y
9	IC 860-75365/9	250.0	2937805816.0			11751223.264	Y
10	IC 860-75365/10	500.0	5743305477.0			11486610.954	Y



Calibration / Bromide

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ESTD
Response Base:	AREA
RF Rounding:	0

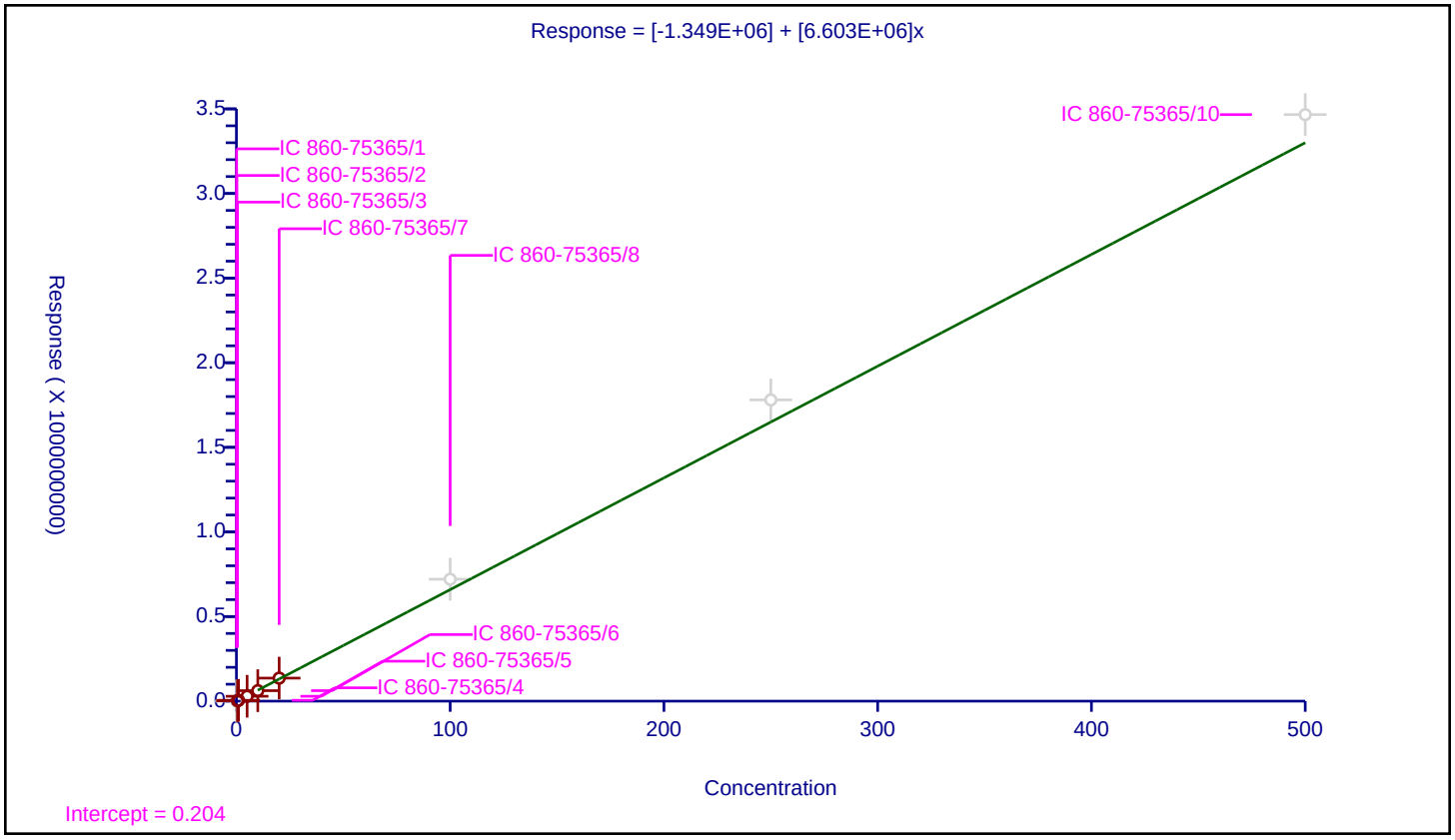
Curve Coefficients

Intercept:	-1.349E+06
Slope:	6.603E+06

Error Coefficients

Standard Error:	3870000
Relative Standard Error:	10.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	IC 860-75365/1	0.1	432603.0			4326030.0	N
2	IC 860-75365/2	0.2	922213.0			4611065.0	N
3	IC 860-75365/3	0.5	2391482.0			4782964.0	Y
4	IC 860-75365/4	1.0	4931258.0			4931258.0	Y
5	IC 860-75365/5	5.0	28941962.0			5788392.4	Y
6	IC 860-75365/6	10.0	61869409.0			6186940.9	Y
7	IC 860-75365/7	20.0	136120708.0			6806035.4	Y
8	IC 860-75365/8	100.0	720416674.0			7204166.74	N
9	IC 860-75365/9	250.0	1780284286.0			7121137.144	N
10	IC 860-75365/10	500.0	3466212439.0			6932424.878	N



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Lab Sample ID: CCVRT 860-76611/1 Calibration Date: 11/07/2022 11:57

Instrument ID: A166 Calib Start Date: 10/29/2022 18:28

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 10/29/2022 20:33

Lab File ID: 07_Nov_2022 11_57.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluoride	Lin1		25592266		10.3	10.0	3.3	10.0
Chloride	Lin1		15844272		10.1	10.0	0.5	10.0
Sulfate	Lin1		11390762		9.81	10.0	-1.9	10.0
Bromide	Lin1		6534898		10.1	10.0	1.0	10.0

FORM VII 300.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Lab Sample ID: CCVRT 860-76611/1 Calibration Date: 11/07/2022 11:57

Instrument ID: A166 Calib Start Date: 10/29/2022 18:28

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 10/29/2022 20:33

Lab File ID: 07_Nov_2022 11_57.d

Analyte	RT	RT WINDOW	
		FROM	TO
Fluoride	3.27	3.02	3.52
Chloride	4.45	4.20	4.70
Sulfate	6.40	6.15	6.65
Bromide	7.14	6.89	7.39

Form VII 300.0

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Lab Sample ID: CCV 860-76611/13 Calibration Date: 11/07/2022 14:53

Instrument ID: A166 Calib Start Date: 10/29/2022 18:28

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 10/29/2022 20:33

Lab File ID: 07_Nov_2022 14_53.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluoride	Lin1		25782793		10.4	10.0	4.1	10.0
Chloride	Lin1		15851648		10.1	10.0	0.5	10.0
Sulfate	Lin1		11375957		9.80	10.0	-2.0	10.0
Bromide	Lin1		6498174		10.1	10.0	0.5	10.0

FORM VII 300.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Lab Sample ID: CCV 860-76611/13 Calibration Date: 11/07/2022 14:53

Instrument ID: A166 Calib Start Date: 10/29/2022 18:28

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 10/29/2022 20:33

Lab File ID: 07_Nov_2022 14_53.d

Analyte	RT	RT WINDOW	
		FROM	TO
Fluoride	3.26	3.02	3.52
Chloride	4.45	4.20	4.70
Sulfate	6.41	6.15	6.65
Bromide	7.13	6.89	7.39

Form VII 300.0

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Lab Sample ID: CCV 860-76611/25 Calibration Date: 11/07/2022 17:43

Instrument ID: A166 Calib Start Date: 10/29/2022 18:28

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 10/29/2022 20:33

Lab File ID: 07_Nov_2022 17_43.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluoride	Lin1		25978850		10.5	10.0	4.9	10.0
Chloride	Lin1		15821843		10.0	10.0	0.3	10.0
Sulfate	Lin1		11429457		9.85	10.0	-1.5	10.0
Bromide	Lin1		6489303		10.0	10.0	0.3	10.0

FORM VII 300.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Lab Sample ID: CCV 860-76611/25 Calibration Date: 11/07/2022 17:43

Instrument ID: A166 Calib Start Date: 10/29/2022 18:28

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 10/29/2022 20:33

Lab File ID: 07_Nov_2022 17_43.d

Analyte	RT	RT WINDOW	
		FROM	TO
Fluoride	3.27	3.02	3.52
Chloride	4.46	4.20	4.70
Sulfate	6.39	6.15	6.65
Bromide	7.15	6.89	7.39

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Lab Sample ID: CCV 860-76611/36 Calibration Date: 11/07/2022 20:15

Instrument ID: A166 Calib Start Date: 10/29/2022 18:28

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 10/29/2022 20:33

Lab File ID: 07_Nov_2022 20_15.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluoride	Lin1		25961062		10.5	10.0	4.8	10.0
Chloride	Lin1		15875436		10.1	10.0	0.6	10.0
Sulfate	Lin1		11550995		9.95	10.0	-0.5	10.0
Bromide	Lin1		6517004		10.1	10.0	0.7	10.0

FORM VII 300.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Lab Sample ID: CCV 860-76611/36 Calibration Date: 11/07/2022 20:15

Instrument ID: A166 Calib Start Date: 10/29/2022 18:28

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 10/29/2022 20:33

Lab File ID: 07_Nov_2022 20_15.d

Analyte	RT	RT WINDOW	
		FROM	TO
Fluoride	3.27	3.02	3.52
Chloride	4.45	4.20	4.70
Sulfate	6.37	6.15	6.65
Bromide	7.14	6.89	7.39

Form VII 300.0

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Lab Sample ID: CCV 860-76611/48 Calibration Date: 11/07/2022 23:02

Instrument ID: A166 Calib Start Date: 10/29/2022 18:28

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 10/29/2022 20:33

Lab File ID: 07_Nov_2022 23_02.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluoride	Lin1		26417159		10.7	10.0	6.6	10.0
Chloride	Lin1		16201865		10.3	10.0	2.7	10.0
Sulfate	Lin1		11723426		10.1	10.0	1.0	10.0
Bromide	Lin1		6608572		10.2	10.0	2.1	10.0

FORM VII 300.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Lab Sample ID: CCV 860-76611/48 Calibration Date: 11/07/2022 23:02

Instrument ID: A166 Calib Start Date: 10/29/2022 18:28

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 10/29/2022 20:33

Lab File ID: 07_Nov_2022 23_02.d

Analyte	RT	RT WINDOW	
		FROM	TO
Fluoride	3.26	3.02	3.52
Chloride	4.45	4.20	4.70
Sulfate	6.33	6.15	6.65
Bromide	7.15	6.89	7.39

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Lab Sample ID: CCVRT 860-76986/1 Calibration Date: 11/09/2022 13:58

Instrument ID: A166 Calib Start Date: 10/29/2022 18:28

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 10/29/2022 20:33

Lab File ID: 09_Nov_2022 13_58.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluoride	Lin1		26074866		10.5	10.0	5.2	10.0
Chloride	Lin1		15906712		10.1	10.0	0.8	10.0
Sulfate	Lin1		11530281		9.93	10.0	-0.7	10.0
Bromide	Lin1		6509768		10.1	10.0	0.6	10.0

FORM VII 300.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Lab Sample ID: CCVRT 860-76986/1 Calibration Date: 11/09/2022 13:58

Instrument ID: A166 Calib Start Date: 10/29/2022 18:28

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 10/29/2022 20:33

Lab File ID: 09_Nov_2022 13_58.d

Analyte	RT	RT WINDOW	
		FROM	TO
Fluoride	3.28	3.03	3.53
Chloride	4.46	4.21	4.71
Sulfate	6.42	6.17	6.67
Bromide	7.14	6.89	7.39

Form VII 300.0

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Lab Sample ID: CCV 860-76986/8 Calibration Date: 11/09/2022 17:43

Instrument ID: A166 Calib Start Date: 10/29/2022 18:28

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 10/29/2022 20:33

Lab File ID: 09_Nov_2022 17_43.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluoride	Lin1		25885528		10.5	10.0	4.5	10.0
Chloride	Lin1		15830360		10.0	10.0	0.4	10.0
Sulfate	Lin1		11512137		9.92	10.0	-0.8	10.0
Bromide	Lin1		6487276		10.0	10.0	0.3	10.0

FORM VII 300.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Lab Sample ID: CCV 860-76986/8 Calibration Date: 11/09/2022 17:43

Instrument ID: A166 Calib Start Date: 10/29/2022 18:28

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 10/29/2022 20:33

Lab File ID: 09_Nov_2022 17_43.d

Analyte	RT	RT WINDOW	
		FROM	TO
Fluoride	3.27	3.03	3.53
Chloride	4.45	4.21	4.71
Sulfate	6.39	6.17	6.67
Bromide	7.13	6.89	7.39

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Lab Sample ID: CCV 860-76986/20 Calibration Date: 11/09/2022 20:29

Instrument ID: A166 Calib Start Date: 10/29/2022 18:28

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 10/29/2022 20:33

Lab File ID: 09_Nov_2022 20_29.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluoride	Lin1		26067440		10.5	10.0	5.2	10.0
Chloride	Lin1		15821798		10.0	10.0	0.3	10.0
Sulfate	Lin1		11512200		9.92	10.0	-0.8	10.0
Bromide	Lin1		6460753		9.99	10.0	-0.1	10.0

FORM VII 300.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Lab Sample ID: CCV 860-76986/20 Calibration Date: 11/09/2022 20:29

Instrument ID: A166 Calib Start Date: 10/29/2022 18:28

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 10/29/2022 20:33

Lab File ID: 09_Nov_2022 20_29.d

Analyte	RT	RT WINDOW	
		FROM	TO
Fluoride	3.26	3.03	3.53
Chloride	4.44	4.21	4.71
Sulfate	6.35	6.17	6.67
Bromide	7.13	6.89	7.39

Form VII 300.0

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Lab Sample ID: CCV 860-76986/32 Calibration Date: 11/09/2022 23:16

Instrument ID: A166 Calib Start Date: 10/29/2022 18:28

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 10/29/2022 20:33

Lab File ID: 09_Nov_2022 23_16.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluoride	Lin1		26023304		10.5	10.0	5.0	10.0
Chloride	Lin1		15820162		10.0	10.0	0.3	10.0
Sulfate	Lin1		11471798		9.88	10.0	-1.2	10.0
Bromide	Lin1		6454586		9.98	10.0	-0.2	10.0

FORM VII 300.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Lab Sample ID: CCV 860-76986/32 Calibration Date: 11/09/2022 23:16

Instrument ID: A166 Calib Start Date: 10/29/2022 18:28

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 10/29/2022 20:33

Lab File ID: 09_Nov_2022 23_16.d

Analyte	RT	RT WINDOW	
		FROM	TO
Fluoride	3.28	3.03	3.53
Chloride	4.46	4.21	4.71
Sulfate	6.40	6.17	6.67
Bromide	7.14	6.89	7.39

Form VII 300.0

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 860-76611/3

Matrix: Water Lab File ID: 07_Nov_2022 12_25.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 11/07/2022 12:25

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 76611 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 Houston Job No.: 860-35784-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 860-76611/38

Matrix: Water Lab File ID: 07_Nov_2022 20_43.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 11/07/2022 20:43

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 76611 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 Houston Job No.: 860-35784-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 860-76986/3

Matrix: Water Lab File ID: 09_Nov_2022 14_26.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 11/09/2022 14:26

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 76986 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 Houston Job No.: 860-35784-1

SDG No.:

Client Sample ID: Lab Sample ID: CCB 860-76611/2

Matrix: Water Lab File ID: 07_Nov_2022 12_11.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 11/07/2022 12:11

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 76611 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 Houston Job No.: 860-35784-1

SDG No.:

Client Sample ID: Lab Sample ID: CCB 860-76611/14

Matrix: Water Lab File ID: 07_Nov_2022 15_07.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 11/07/2022 15:07

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 76611 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 Houston Job No.: 860-35784-1

SDG No.:

Client Sample ID: Lab Sample ID: CCB 860-76611/26

Matrix: Water Lab File ID: 07_Nov_2022 17_57.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 11/07/2022 17:57

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 76611 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 Houston Job No.: 860-35784-1

SDG No.:

Client Sample ID: Lab Sample ID: CCB 860-76611/37

Matrix: Water Lab File ID: 07_Nov_2022 20_29.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 11/07/2022 20:29

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 76611 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 Houston Job No.: 860-35784-1

SDG No.:

Client Sample ID: Lab Sample ID: CCB 860-76611/49

Matrix: Water Lab File ID: 07_Nov_2022 23_15.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 11/07/2022 23:15

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 76611 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 Houston Job No.: 860-35784-1

SDG No.:

Client Sample ID: Lab Sample ID: CCB 860-76986/2

Matrix: Water Lab File ID: 09_Nov_2022 14_12.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 11/09/2022 14:12

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 76986 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 Houston Job No.: 860-35784-1

SDG No.:

Client Sample ID: Lab Sample ID: CCB 860-76986/9

Matrix: Water Lab File ID: 09_Nov_2022 17_57.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 11/09/2022 17:57

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 76986 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 Houston Job No.: 860-35784-1

SDG No.:

Client Sample ID: Lab Sample ID: CCB 860-76986/21

Matrix: Water Lab File ID: 09_Nov_2022 20_43.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 11/09/2022 20:43

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 76986 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 Houston Job No.: 860-35784-1

SDG No.:

Client Sample ID: Lab Sample ID: CCB 860-76986/33

Matrix: Water Lab File ID: 09_Nov_2022 23_30.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 11/09/2022 23:30

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 76986 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 Houston Job No.: 860-35784-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 860-76611/4

Matrix: Water Lab File ID: 07_Nov_2022 12_39.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 11/07/2022 12:39

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 76611 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	9.646		0.500	0.109

FORM I 300.0

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 860-76611/39

Matrix: Water Lab File ID: 07_Nov_2022 20_57.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 11/07/2022 20:57

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 76611 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	9.822		0.500	0.109

FORM I 300.0

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 860-76986/4

Matrix: Water Lab File ID: 09_Nov_2022 14_40.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 11/09/2022 14:40

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 76986 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	9.978		0.500	0.109

FORM I 300.0

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 860-76611/5

Matrix: Water Lab File ID: 07_Nov_2022 12_52.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 11/07/2022 12:52

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 76611 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	9.674		0.500	0.109

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 860-76611/40

Matrix: Water Lab File ID: 07_Nov_2022 21_11.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 11/07/2022 21:11

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 76611 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	9.802		0.500	0.109

FORM I 300.0

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 860-76986/5

Matrix: Water Lab File ID: 09_Nov_2022 14_54.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 11/09/2022 14:54

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 76986 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	9.954		0.500	0.109

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Client Sample ID: Lab Sample ID: LLCS 860-76611/7

Matrix: Water Lab File ID: 07_Nov_2022 13_20.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 11/07/2022 13:20

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 76611 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	0.5472		0.500	0.109

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Client Sample ID: Lab Sample ID: LLCS 860-76986/7

Matrix: Water Lab File ID: 09_Nov_2022 15_22.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 11/09/2022 15:22

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: AS-18 ID: 0.004(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 76986 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	0.5563		0.500	0.109

FORM I 300.0

HPLC/IC ANALYSIS RUN LOG

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Instrument ID: A166 Start Date: 10/29/2022 18:28

Analysis Batch Number: 75365 End Date: 10/30/2022 09:16

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
IC 860-75365/1		10/29/2022 18:28	1	29_Oct_2022 18_28.d	AS-18 0.004(mm)
IC 860-75365/2		10/29/2022 18:42	1	29_Oct_2022 18_42.d	AS-18 0.004(mm)
IC 860-75365/3		10/29/2022 18:56	1	29_Oct_2022 18_56.d	AS-18 0.004(mm)
IC 860-75365/4		10/29/2022 19:10	1	29_Oct_2022 19_10.d	AS-18 0.004(mm)
IC 860-75365/5		10/29/2022 19:24	1	29_Oct_2022 19_24.d	AS-18 0.004(mm)
IC 860-75365/6		10/29/2022 19:38	1	29_Oct_2022 19_38.d	AS-18 0.004(mm)
IC 860-75365/7		10/29/2022 19:52	1	29_Oct_2022 19_52.d	AS-18 0.004(mm)
IC 860-75365/8		10/29/2022 20:06	1	29_Oct_2022 20_06.d	AS-18 0.004(mm)
IC 860-75365/9		10/29/2022 20:19	1	29_Oct_2022 20_19.d	AS-18 0.004(mm)
IC 860-75365/10		10/29/2022 20:33	1	29_Oct_2022 20_33.d	AS-18 0.004(mm)
CCVRT 860-75365/11		10/29/2022 21:15	1		AS-18 0.004(mm)
CCB 860-75365/12		10/29/2022 21:29	1		AS-18 0.004(mm)
ZZZZZ		10/29/2022 21:43	1		AS-18 0.004(mm)
ZZZZZ		10/29/2022 21:56	1		AS-18 0.004(mm)
ZZZZZ		10/29/2022 22:10	1		AS-18 0.004(mm)
CCV 860-75365/23		10/29/2022 23:20	1		AS-18 0.004(mm)
CCB 860-75365/24		10/29/2022 23:33	1		AS-18 0.004(mm)
ZZZZZ		10/30/2022 00:29	1		AS-18 0.004(mm)
ZZZZZ		10/30/2022 00:43	1		AS-18 0.004(mm)
ZZZZZ		10/30/2022 00:57	1		AS-18 0.004(mm)
ZZZZZ		10/30/2022 01:10	1		AS-18 0.004(mm)
ZZZZZ		10/30/2022 01:24	1		AS-18 0.004(mm)
ZZZZZ		10/30/2022 01:38	1		AS-18 0.004(mm)
ZZZZZ		10/30/2022 01:52	1		AS-18 0.004(mm)
CCV 860-75365/35		10/30/2022 02:06	1		AS-18 0.004(mm)
CCB 860-75365/36		10/30/2022 02:20	1		AS-18 0.004(mm)
ZZZZZ		10/30/2022 02:34	1		AS-18 0.004(mm)
ZZZZZ		10/30/2022 02:48	1		AS-18 0.004(mm)
ZZZZZ		10/30/2022 03:15	1		AS-18 0.004(mm)
ZZZZZ		10/30/2022 03:29	1		AS-18 0.004(mm)
ZZZZZ		10/30/2022 03:43	1		AS-18 0.004(mm)
CCV 860-75365/43		10/30/2022 03:57	1		AS-18 0.004(mm)
CCB 860-75365/44		10/30/2022 04:11	1		AS-18 0.004(mm)
ZZZZZ		10/30/2022 04:25	1		AS-18 0.004(mm)
ZZZZZ		10/30/2022 04:39	1		AS-18 0.004(mm)
ZZZZZ		10/30/2022 04:52	1		AS-18 0.004(mm)
ZZZZZ		10/30/2022 05:06	1		AS-18 0.004(mm)
ZZZZZ		10/30/2022 05:20	1		AS-18 0.004(mm)
ZZZZZ		10/30/2022 05:34	1		AS-18 0.004(mm)
ZZZZZ		10/30/2022 05:48	1		AS-18 0.004(mm)
ZZZZZ		10/30/2022 06:02	1		AS-18 0.004(mm)

300.0

HPLC/IC ANALYSIS RUN LOG

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Instrument ID: A166 Start Date: 10/29/2022 18:28

Analysis Batch Number: 75365 End Date: 10/30/2022 09:16

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		10/30/2022 06:16	1		AS-18 0.004(mm)
ZZZZZ		10/30/2022 06:29	1		AS-18 0.004(mm)
CCV 860-75365/55		10/30/2022 06:43	1		AS-18 0.004(mm)
CCB 860-75365/56		10/30/2022 06:57	1		AS-18 0.004(mm)
ZZZZZ		10/30/2022 07:11	1		AS-18 0.004(mm)
ZZZZZ		10/30/2022 07:25	1		AS-18 0.004(mm)
ZZZZZ		10/30/2022 07:39	1		AS-18 0.004(mm)
ZZZZZ		10/30/2022 07:53	1		AS-18 0.004(mm)
ZZZZZ		10/30/2022 08:06	1		AS-18 0.004(mm)
ZZZZZ		10/30/2022 08:20	1		AS-18 0.004(mm)
ZZZZZ		10/30/2022 08:34	1		AS-18 0.004(mm)
ZZZZZ		10/30/2022 08:48	1		AS-18 0.004(mm)
CCV 860-75365/65		10/30/2022 09:02	1		AS-18 0.004(mm)
CCB 860-75365/66		10/30/2022 09:16	1		AS-18 0.004(mm)

HPLC/IC ANALYSIS RUN LOG

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Instrument ID: A166 Start Date: 11/07/2022 11:57

Analysis Batch Number: 76611 End Date: 11/08/2022 02:43

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVRT 860-76611/1		11/07/2022 11:57	1	07_Nov_2022 11_57.d	AS-18 0.004(mm)
CCB 860-76611/2		11/07/2022 12:11	1	07_Nov_2022 12_11.d	AS-18 0.004(mm)
MB 860-76611/3		11/07/2022 12:25	1	07_Nov_2022 12_25.d	AS-18 0.004(mm)
LCS 860-76611/4		11/07/2022 12:39	1	07_Nov_2022 12_39.d	AS-18 0.004(mm)
LCSD 860-76611/5		11/07/2022 12:52	1	07_Nov_2022 12_52.d	AS-18 0.004(mm)
LLCS 860-76611/7		11/07/2022 13:20	1	07_Nov_2022 13_20.d	AS-18 0.004(mm)
ZZZZZ		11/07/2022 13:43	1		AS-18 0.004(mm)
ZZZZZ		11/07/2022 13:57	1		AS-18 0.004(mm)
ZZZZZ		11/07/2022 14:11	1		AS-18 0.004(mm)
ZZZZZ		11/07/2022 14:25	1		AS-18 0.004(mm)
ZZZZZ		11/07/2022 14:39	1		AS-18 0.004(mm)
CCV 860-76611/13		11/07/2022 14:53	1	07_Nov_2022 14_53.d	AS-18 0.004(mm)
CCB 860-76611/14		11/07/2022 15:07	1	07_Nov_2022 15_07.d	AS-18 0.004(mm)
ZZZZZ		11/07/2022 15:20	1		AS-18 0.004(mm)
ZZZZZ		11/07/2022 15:34	1		AS-18 0.004(mm)
ZZZZZ		11/07/2022 15:48	1		AS-18 0.004(mm)
ZZZZZ		11/07/2022 16:02	1		AS-18 0.004(mm)
ZZZZZ		11/07/2022 16:16	1		AS-18 0.004(mm)
ZZZZZ		11/07/2022 16:34	1		AS-18 0.004(mm)
ZZZZZ		11/07/2022 16:47	1		AS-18 0.004(mm)
ZZZZZ		11/07/2022 17:01	1		AS-18 0.004(mm)
ZZZZZ		11/07/2022 17:15	1		AS-18 0.004(mm)
ZZZZZ		11/07/2022 17:29	1		AS-18 0.004(mm)
CCV 860-76611/25		11/07/2022 17:43	1	07_Nov_2022 17_43.d	AS-18 0.004(mm)
CCB 860-76611/26		11/07/2022 17:57	1	07_Nov_2022 17_57.d	AS-18 0.004(mm)
ZZZZZ		11/07/2022 18:11	1		AS-18 0.004(mm)
ZZZZZ		11/07/2022 18:25	1		AS-18 0.004(mm)
ZZZZZ		11/07/2022 18:38	1		AS-18 0.004(mm)
ZZZZZ		11/07/2022 18:52	1		AS-18 0.004(mm)
ZZZZZ		11/07/2022 19:06	1		AS-18 0.004(mm)
ZZZZZ		11/07/2022 19:20	1		AS-18 0.004(mm)
ZZZZZ		11/07/2022 19:34	1		AS-18 0.004(mm)
ZZZZZ		11/07/2022 19:48	1		AS-18 0.004(mm)
860-35784-9	Artesia-MW38-10252022	11/07/2022 20:01	1	07_Nov_2022 20_01.d	AS-18 0.004(mm)
CCV 860-76611/36		11/07/2022 20:15	1	07_Nov_2022 20_15.d	AS-18 0.004(mm)
CCB 860-76611/37		11/07/2022 20:29	1	07_Nov_2022 20_29.d	AS-18 0.004(mm)
MB 860-76611/38		11/07/2022 20:43	1	07_Nov_2022 20_43.d	AS-18 0.004(mm)
LCS 860-76611/39		11/07/2022 20:57	1	07_Nov_2022 20_57.d	AS-18 0.004(mm)

300.0

HPLC/IC ANALYSIS RUN LOG

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Instrument ID: A166 Start Date: 11/07/2022 11:57

Analysis Batch Number: 76611 End Date: 11/08/2022 02:43

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
LCSD 860-76611/40		11/07/2022 21:11	1	07_Nov_2022 21_11.d	AS-18 0.004(mm)
860-35784-10	Artesia-MW17C-10252022	11/07/2022 21:25	1	07_Nov_2022 21_25.d	AS-18 0.004(mm)
860-35784-11	Artesia-MW36-10252022	11/07/2022 21:38	1	07_Nov_2022 21_38.d	AS-18 0.004(mm)
860-35784-21	Artesia-MW11-10262022	11/07/2022 21:52	1	07_Nov_2022 21_52.d	AS-18 0.004(mm)
860-35784-24	Artesia-MW37-10262022	11/07/2022 22:06	1	07_Nov_2022 22_06.d	AS-18 0.004(mm)
860-35784-23	Artesia-MW12-10262022	11/07/2022 22:20	1	07_Nov_2022 22_20.d	AS-18 0.004(mm)
ZZZZZ		11/07/2022 22:34	1		AS-18 0.004(mm)
ZZZZZ		11/07/2022 22:48	1		AS-18 0.004(mm)
CCV 860-76611/48		11/07/2022 23:02	1	07_Nov_2022 23_02.d	AS-18 0.004(mm)
CCB 860-76611/49		11/07/2022 23:15	1	07_Nov_2022 23_15.d	AS-18 0.004(mm)
ZZZZZ		11/07/2022 23:29	1		AS-18 0.004(mm)
ZZZZZ		11/07/2022 23:43	1		AS-18 0.004(mm)
ZZZZZ		11/07/2022 23:57	1		AS-18 0.004(mm)
ZZZZZ		11/08/2022 00:11	1		AS-18 0.004(mm)
ZZZZZ		11/08/2022 00:25	1		AS-18 0.004(mm)
ZZZZZ		11/08/2022 00:39	1		AS-18 0.004(mm)
ZZZZZ		11/08/2022 00:52	1		AS-18 0.004(mm)
ZZZZZ		11/08/2022 01:06	1		AS-18 0.004(mm)
ZZZZZ		11/08/2022 01:20	1		AS-18 0.004(mm)
ZZZZZ		11/08/2022 01:34	1		AS-18 0.004(mm)
CCV 860-76611/60		11/08/2022 01:48	1		AS-18 0.004(mm)
CCB 860-76611/61		11/08/2022 02:02	1		AS-18 0.004(mm)
ZZZZZ		11/08/2022 02:16	250		AS-18 0.004(mm)
CCV 860-76611/63		11/08/2022 02:29	1		AS-18 0.004(mm)
CCB 860-76611/64		11/08/2022 02:43	1		AS-18 0.004(mm)

300.0

HPLC/IC ANALYSIS RUN LOG

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Instrument ID: A166 Start Date: 11/07/2022 11:57

Analysis Batch Number: 76612 End Date: 11/08/2022 02:43

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVRT 860-76612/1		11/07/2022 11:57	1		AS-18 0.004(mm)
CCB 860-76612/2		11/07/2022 12:11	1		AS-18 0.004(mm)
ZZZZZ		11/07/2022 12:25	1		AS-18 0.004(mm)
ZZZZZ		11/07/2022 12:39	1		AS-18 0.004(mm)
ZZZZZ		11/07/2022 12:52	1		AS-18 0.004(mm)
ZZZZZ		11/07/2022 13:06	1		AS-18 0.004(mm)
CCV 860-76612/13		11/07/2022 14:53	1		AS-18 0.004(mm)
CCB 860-76612/14		11/07/2022 15:07	1		AS-18 0.004(mm)
ZZZZZ		11/07/2022 15:48	1		AS-18 0.004(mm)
ZZZZZ		11/07/2022 16:47	1		AS-18 0.004(mm)
ZZZZZ		11/07/2022 17:01	1		AS-18 0.004(mm)
ZZZZZ		11/07/2022 17:15	1		AS-18 0.004(mm)
ZZZZZ		11/07/2022 17:29	1		AS-18 0.004(mm)
CCV 860-76612/25		11/07/2022 17:43	1		AS-18 0.004(mm)
CCB 860-76612/26		11/07/2022 17:57	1		AS-18 0.004(mm)
ZZZZZ		11/07/2022 18:11	1		AS-18 0.004(mm)
ZZZZZ		11/07/2022 18:25	1		AS-18 0.004(mm)
CCV 860-76612/36		11/07/2022 20:15	1		AS-18 0.004(mm)
CCB 860-76612/37		11/07/2022 20:29	1		AS-18 0.004(mm)
ZZZZZ		11/07/2022 20:43	1		AS-18 0.004(mm)
ZZZZZ		11/07/2022 20:57	1		AS-18 0.004(mm)
ZZZZZ		11/07/2022 21:11	1		AS-18 0.004(mm)
860-35784-10	Artesia-MW17C-10252022	11/07/2022 21:25	1	07_Nov_2022 21_25.d	AS-18 0.004(mm)
CCV 860-76612/48		11/07/2022 23:02	1		AS-18 0.004(mm)
CCB 860-76612/49		11/07/2022 23:15	1		AS-18 0.004(mm)
ZZZZZ		11/07/2022 23:29	1		AS-18 0.004(mm)
ZZZZZ		11/07/2022 23:43	1		AS-18 0.004(mm)
ZZZZZ		11/07/2022 23:57	1		AS-18 0.004(mm)
ZZZZZ		11/08/2022 00:11	1		AS-18 0.004(mm)
ZZZZZ		11/08/2022 00:25	1		AS-18 0.004(mm)
ZZZZZ		11/08/2022 00:39	1		AS-18 0.004(mm)
CCV 860-76612/60		11/08/2022 01:48	1		AS-18 0.004(mm)
CCB 860-76612/61		11/08/2022 02:02	1		AS-18 0.004(mm)
CCV 860-76612/63		11/08/2022 02:29	1		AS-18 0.004(mm)
CCB 860-76612/64		11/08/2022 02:43	1		AS-18 0.004(mm)

300.0

HPLC/IC ANALYSIS RUN LOG

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Instrument ID: A166 Start Date: 11/09/2022 13:58

Analysis Batch Number: 76986 End Date: 11/10/2022 02:02

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVRT 860-76986/1		11/09/2022 13:58	1	09_Nov_2022 13_58.d	AS-18 0.004(mm)
CCB 860-76986/2		11/09/2022 14:12	1	09_Nov_2022 14_12.d	AS-18 0.004(mm)
MB 860-76986/3		11/09/2022 14:26	1	09_Nov_2022 14_26.d	AS-18 0.004(mm)
LCS 860-76986/4		11/09/2022 14:40	1	09_Nov_2022 14_40.d	AS-18 0.004(mm)
LCSD 860-76986/5		11/09/2022 14:54	1	09_Nov_2022 14_54.d	AS-18 0.004(mm)
LLCS 860-76986/7		11/09/2022 15:22	1	09_Nov_2022 15_22.d	AS-18 0.004(mm)
CCV 860-76986/8		11/09/2022 17:43	1	09_Nov_2022 17_43.d	AS-18 0.004(mm)
CCB 860-76986/9		11/09/2022 17:57	1	09_Nov_2022 17_57.d	AS-18 0.004(mm)
ZZZZZ		11/09/2022 18:11	10		AS-18 0.004(mm)
ZZZZZ		11/09/2022 18:25	10		AS-18 0.004(mm)
860-35784-9	Artesia-MW38-10252022	11/09/2022 18:39	10	09_Nov_2022 18_39.d	AS-18 0.004(mm)
860-35784-10	Artesia-MW17C-10252022	11/09/2022 18:52	10	09_Nov_2022 18_52.d	AS-18 0.004(mm)
860-35784-11	Artesia-MW36-10252022	11/09/2022 19:06	10	09_Nov_2022 19_06.d	AS-18 0.004(mm)
860-35784-21	Artesia-MW11-10262022	11/09/2022 19:20	10	09_Nov_2022 19_20.d	AS-18 0.004(mm)
860-35784-24	Artesia-MW37-10262022	11/09/2022 19:34	10	09_Nov_2022 19_34.d	AS-18 0.004(mm)
860-35784-23	Artesia-MW12-10262022	11/09/2022 19:48	10	09_Nov_2022 19_48.d	AS-18 0.004(mm)
ZZZZZ		11/09/2022 20:02	10		AS-18 0.004(mm)
ZZZZZ		11/09/2022 20:16	10		AS-18 0.004(mm)
CCV 860-76986/20		11/09/2022 20:29	1	09_Nov_2022 20_29.d	AS-18 0.004(mm)
CCB 860-76986/21		11/09/2022 20:43	1	09_Nov_2022 20_43.d	AS-18 0.004(mm)
ZZZZZ		11/09/2022 20:57	1		AS-18 0.004(mm)
ZZZZZ		11/09/2022 21:11	1		AS-18 0.004(mm)
ZZZZZ		11/09/2022 21:25	1		AS-18 0.004(mm)
ZZZZZ		11/09/2022 21:39	1		AS-18 0.004(mm)
ZZZZZ		11/09/2022 21:53	10		AS-18 0.004(mm)
ZZZZZ		11/09/2022 22:06	1		AS-18 0.004(mm)
ZZZZZ		11/09/2022 22:20	10		AS-18 0.004(mm)
ZZZZZ		11/09/2022 22:34	1		AS-18 0.004(mm)
ZZZZZ		11/09/2022 22:48	10		AS-18 0.004(mm)
ZZZZZ		11/09/2022 23:02	10		AS-18 0.004(mm)
CCV 860-76986/32		11/09/2022 23:16	1	09_Nov_2022 23_16.d	AS-18 0.004(mm)
CCB 860-76986/33		11/09/2022 23:30	1	09_Nov_2022 23_30.d	AS-18 0.004(mm)
ZZZZZ		11/09/2022 23:44	1		AS-18 0.004(mm)
ZZZZZ		11/09/2022 23:57	1		AS-18 0.004(mm)
ZZZZZ		11/10/2022 00:11	10		AS-18 0.004(mm)
ZZZZZ		11/10/2022 00:25	100		AS-18 0.004(mm)
ZZZZZ		11/10/2022 00:39	100		AS-18 0.004(mm)

300.0

HPLC/IC ANALYSIS RUN LOG

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Instrument ID: A166 Start Date: 11/09/2022 13:58

Analysis Batch Number: 76986 End Date: 11/10/2022 02:02

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		11/10/2022 00:53	1		AS-18 0.004(mm)
ZZZZZ		11/10/2022 01:07	1		AS-18 0.004(mm)
ZZZZZ		11/10/2022 01:20	1		AS-18 0.004(mm)
ZZZZZ		11/10/2022 01:34	10		AS-18 0.004(mm)
CCV 860-76986/43		11/10/2022 01:48	1		AS-18 0.004(mm)
CCB 860-76986/44		11/10/2022 02:02	1		AS-18 0.004(mm)

300.0

HPLC/IC BATCH WORKSHEET

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Batch Number: 75365 Batch Start Date: 10/29/22 18:28 Batch Analyst: Burns, Ranada

Batch Method: 300.0 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	WC-IC-P1 00002	WC-IC-P2 00004			
IC 860-75365/1		300.0		0 mL	0.01 mL	0.01 mL			
IC 860-75365/2		300.0		0 mL	0.02 mL	0.02 mL			
IC 860-75365/3		300.0		0 mL	0.05 mL	0.05 mL			
IC 860-75365/4		300.0		0 mL	0.1 mL	0.1 mL			
IC 860-75365/5		300.0		0 mL	0.5 mL	0.5 mL			
IC 860-75365/6		300.0		0 mL	1 mL	1 mL			
IC 860-75365/7		300.0		0 mL	2 mL	2 mL			
IC 860-75365/8		300.0		0 mL		0.5 mL			
IC 860-75365/9		300.0		0 mL		1.25 mL			
IC 860-75365/10		300.0		0 mL		2.5 mL			

Batch Notes	
Filter ID	0.2 um DA-23-100026 LOT# 280630325
Pipette/Syringe/Dispenser ID	WC63WC65WC50/LOT 2007246 PART 7944-06
Eluent 1 ID	600744

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.

HPLC/IC BATCH WORKSHEET

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Batch Number: 76611 Batch Start Date: 11/07/22 11:57 Batch Analyst: Prommek, Warangkhana

Batch Method: 300.0 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	WC-IC-P1 00002	WC-IC-P2 00004	WC-IC-S1 00004	WC-IC-S2 00009
CCVRT 860-76611/1		300.0		0 mL	0 mL			0.5 mL	1 mL
CCB 860-76611/2		300.0		0 mL					
MB 860-76611/3		300.0		0 mL					
LCS 860-76611/4		300.0		0 mL		0.5 mL	1 mL		
LCSD 860-76611/5		300.0		0 mL		0.5 mL	1 mL		
LLCS 860-76611/7		300.0		0 mL		0.05 mL	0.05 mL		
CCV 860-76611/13		300.0		0 mL				0.5 mL	1 mL
CCB 860-76611/14		300.0		0 mL					
CCV 860-76611/25		300.0		0 mL				0.5 mL	1 mL
CCB 860-76611/26		300.0		0 mL					
860-35784-A-9	Artesia-MW38-10252022	300.0	T	0 mL					
CCV 860-76611/36		300.0		0 mL				0.5 mL	1 mL
CCB 860-76611/37		300.0		0 mL					
MB 860-76611/38		300.0		0 mL					
LCS 860-76611/39		300.0		0 mL		0.5 mL	1 mL		
LCSD 860-76611/40		300.0		0 mL		0.5 mL	1 mL		
860-35784-A-10	Artesia-MW17C-10252022	300.0	T	0 mL					
860-35784-A-11	Artesia-MW36-10252022	300.0	T	0 mL					
860-35784-A-21	Artesia-MW11-10262022	300.0	T	0 mL					
860-35784-A-24	Artesia-MW37-10262022	300.0	T	0 mL					
860-35784-A-23	Artesia-MW12-10262022	300.0	T	0 mL					
CCV 860-76611/48		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 Houston Job No.: 860-35784-1

SDG No.:

Batch Number: 76611 Batch Start Date: 11/07/22 11:57 Batch Analyst: Prommek, Warangkhana

Batch Method: 300.0 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	WC-IC-P1 00002	WC-IC-P2 00004	WC-IC-S1 00004	WC-IC-S2 00009
CCB 860-76611/49		300.0		0 mL					

Batch Notes	
Filter ID	0.2 um DA-23-100026 LOT# 280630325
Pipette/Syringe/Dispenser ID	WC63WC65WC50
Eluent 1 ID	600744
Batch Comment	Syringes LOT 2007246 PART 7944-06

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 Houston Job No.: 860-35784-1

SDG No.:

Batch Number: 76612 Batch Start Date: 11/07/22 11:57 Batch Analyst: Prommek, Warangkhana

Batch Method: 300.0 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount					
860-35784-A-10	Artesia-MW17C-10 252022	300.0	T	0 mL					

Batch Notes	
Filter ID	0.2 um DA-23-100026 LOT# 280630325
Pipette/Syringe/Dispenser ID	WC63WC65WC50
Eluent 1 ID	600744
Batch Comment	Syringes LOT 2007246 PART 7944-06

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 Houston Job No.: 860-35784-1

SDG No.:

Batch Number: 76986 Batch Start Date: 11/09/22 13:58 Batch Analyst: Suporn, Arisa 1

Batch Method: 300.0 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	WC-IC-P1 00002	WC-IC-P2 00004	WC-IC-S1 00004	WC-IC-S2 00009
CCVRT 860-76986/1		300.0		0 mL	0 mL			0.5 mL	1 mL
CCB 860-76986/2		300.0		0 mL					
MB 860-76986/3		300.0		0 mL					
LCS 860-76986/4		300.0		0 mL		0.5 mL	1 mL		
LCSD 860-76986/5		300.0		0 mL		0.5 mL	1 mL		
LLCS 860-76986/7		300.0		0 mL		0.05 mL	0.05 mL		
CCV 860-76986/8		300.0		0 mL				0.5 mL	1 mL
CCB 860-76986/9		300.0		0 mL					
860-35784-A-9	Artesia-MW38-102 52022	300.0	T	0 mL					
860-35784-A-10	Artesia-MW17C-10 252022	300.0	T	0 mL					
860-35784-A-11	Artesia-MW36-102 52022	300.0	T	0 mL					
860-35784-A-21	Artesia-MW11-102 62022	300.0	T	0 mL					
860-35784-A-24	Artesia-MW37-102 62022	300.0	T	0 mL					
860-35784-A-23	Artesia-MW12-102 62022	300.0	T	0 mL					
CCV 860-76986/20		300.0		0 mL				0.5 mL	1 mL
CCB 860-76986/21		300.0		0 mL					
CCV 860-76986/32		300.0		0 mL				0.5 mL	1 mL
CCB 860-76986/33		300.0		0 mL					

Batch Notes	
Filter ID	0.2 um DA-23-100026 LOT# 280630325
Pipette/Syringe/Dispenser ID	PIPETTE WC63WC65WC50 / Syringes LOT 2007246 PART 7944-06
Eluent 1 ID	600744

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 Houston Job No.: 860-35784-1

SDG No.:

Batch Number: 76986 Batch Start Date: 11/09/22 13:58 Batch Analyst: Suporn, Arisa 1

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.

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: Eurofins Houston Job Number: 860-35784-1

SDG No.:

Project: Dowell - Artesia

Client Sample ID	Lab Sample ID
Artesia-MW38-10252022	860-35784-9
Artesia-MW17C-10252022	860-35784-10
Artesia-MW36-10252022	860-35784-11
Artesia-MW11-10262022	860-35784-21
Artesia-MW12-10262022	860-35784-23
Artesia-MW37-10262022	860-35784-24

Comments:

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: Artesia-MW38-10252022 Lab Sample ID: 860-35784-9

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG ID.:

Matrix: Water Date Sampled: 10/25/2022 12:10

Reporting Basis: WET Date Received: 10/27/2022 11:12

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon	26.4	1.00	0.500	mg/L			1	SM 5310C

Released to Imaging: 3/4/2024 2:02:33 PM

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: Artesia-MW17C-10252022 Lab Sample ID: 860-35784-10

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG ID.:

Matrix: Water Date Sampled: 10/25/2022 15:00

Reporting Basis: WET Date Received: 10/27/2022 11:12

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon	0.597	1.00	0.500	mg/L	J		1	SM 5310C

Released to Imaging: 3/4/2024 2:02:33 PM

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: Artesia-MW36-10252022 Lab Sample ID: 860-35784-11

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG ID.:

Matrix: Water Date Sampled: 10/25/2022 18:00

Reporting Basis: WET Date Received: 10/27/2022 11:12

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon	6.88	1.00	0.500	mg/L			1	SM 5310C

Released to Imaging: 3/4/2024 2:02:33 PM

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: Artesia-MW11-10262022 Lab Sample ID: 860-35784-21

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG ID.:

Matrix: Water Date Sampled: 10/26/2022 12:55

Reporting Basis: WET Date Received: 10/27/2022 11:12

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon	0.783	1.00	0.500	mg/L	J		1	SM 5310C

Released to Imaging: 3/4/2024 2:02:33 PM

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: Artesia-MW12-10262022 Lab Sample ID: 860-35784-23

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG ID.:

Matrix: Water Date Sampled: 10/26/2022 09:30

Reporting Basis: WET Date Received: 10/27/2022 11:12

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon	2.02	1.00	0.500	mg/L			1	SM 5310C

Released to Imaging: 3/4/2024 2:02:33 PM

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: Artesia-MW37-10262022 Lab Sample ID: 860-35784-24

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG ID.:

Matrix: Water Date Sampled: 10/26/2022 11:20

Reporting Basis: WET Date Received: 10/27/2022 11:12

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon	152	50.0	25.0	mg/L			50	SM 5310C

Released to Imaging: 3/4/2024 2:02:33 PM

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Analyst: YGG Batch Start Date: 11/07/2022

Reporting Units: mg/L Analytical Batch No.: 76619

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
1	CCV	13:44	Total Organic Carbon	10.87	10.0	109	90-110		WC-TOC-ICV_00107
2	CCB	13:59	Total Organic Carbon	0.500				U	
9	CCV	15:44	Total Organic Carbon	10.10	10.0	101	90-110		WC-TOC-ICV_00107
10	CCB	15:59	Total Organic Carbon	0.500				U	
12	CCV	16:29	Total Organic Carbon	10.27	10.0	103	90-110		WC-TOC-ICV_00107
13	CCB	16:44	Total Organic Carbon	0.500				U	
18	CCV	17:59	Total Organic Carbon	10.29	10.0	103	90-110		WC-TOC-ICV_00107
19	CCB	18:14	Total Organic Carbon	0.500				U	

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM II-IN

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Analyst: YGG Batch Start Date: 11/04/2022

Reporting Units: mg/L Analytical Batch No.: 76621

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
1	ICV	18:55	Total Organic Carbon	10.50	10.0	105	90-110		WC-TOC-ICV_00107
2	CCB	19:10	Total Organic Carbon	0.500				U	
13	CCV	21:55	Total Organic Carbon	10.62	10.0	106	90-110		WC-TOC-ICV_00107
14	CCB	22:10	Total Organic Carbon	0.500				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 Houston Job No.: 860-35784-1

SDG No.:

Method	Lab Sample ID	Analyte	Result	Qual	Units	RL	Dil
Batch ID: 76621 Date: 11/04/2022 19:25							
SM 5310C	MB 860-76621/3	Total Organic Carbon	0.500	U	mg/L	1.00	1

FORM III-IN

7A-IN
LAB CONTROL SAMPLE
GENERAL CHEMISTRY

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 76621 Date: 11/04/2022 19:55											
						LCS Source: WC-TOC-LCS_00122					
SM 5310C	LCS 860-76621/5	Total Organic Carbon	5.055		mg/L	5.00	101	90-110	1	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA-IN

7A-IN
LAB CONTROL SAMPLE DUPLICATE
GENERAL CHEMISTRY

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 76621	Date: 11/04/2022 20:10										
						LCSD Source: WC-TOC-LCS_00122					
SM 5310C	LCSD 860-76621/6	Total Organic Carbon	4.981		mg/L	5.00	100	90-110	1	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA-IN

7A-IN
LOW LEVEL CONTROL SAMPLE
GENERAL CHEMISTRY

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 76621 Date: 11/04/2022 19:40											
						LCS Source: WC-TOC-P_00012					
SM 5310C	LLCS 860-76621/4	Total Organic Carbon	0.9424	J	mg/L	1.00	94	50-150			

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 Houston Job Number: 860-35784-1

SDG Number:

Matrix: Water Instrument ID: A345

Method: SM 5310C MDL Date: 08/21/2019 16:03

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Total Organic Carbon		1	0.5

FORM IX - IN

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins Houston Job Number: 860-35784-1

SDG Number:

Matrix: Water Instrument ID: A345

Method: SM 5310C XMDL Date: 08/21/2019 16:03

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Total Organic Carbon		1	0.5

FORM IX - IN

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Instrument ID: A345 Analysis Method: SM 5310C

Start Date: 11/04/2022 18:55 End Date: 11/05/2022 00:54

Lab Sample Id	D/F	Type	Time	Analytes																								
				TOC																								
ICV 860-76621/1	1		18:55	X																								
CCB 860-76621/2	1		19:10	X																								
MB 860-76621/3	1	T	19:25	X																								
LLCS 860-76621/4	1	T	19:40	X																								
LCS 860-76621/5	1	T	19:55	X																								
LCSD 860-76621/6	1	T	20:10	X																								
ZZZZZZ			20:24																									
860-35784-10	1	T	20:39	X																								
860-35784-11	1	T	20:55	X																								
860-35784-9	1	T	21:09	X																								
ZZZZZZ			21:25																									
ZZZZZZ			21:40																									
CCV 860-76621/13	1		21:55	X																								
CCB 860-76621/14	1		22:10	X																								
ZZZZZZ			22:25																									
ZZZZZZ			22:40																									
ZZZZZZ			22:55																									
ZZZZZZ			23:09																									
ZZZZZZ			23:25																									
ZZZZZZ			23:39																									
ZZZZZZ			23:54																									
ZZZZZZ			00:09																									
ZZZZZZ			00:24																									
ZZZZZZ			00:39																									
CCV 860-76621/25			00:54																									

Prep Types:
T = Total/NA

FORM XIII-IN

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Instrument ID: A345 Analysis Method: SM 5310C

Start Date: 11/07/2022 13:44 End Date: 11/07/2022 18:14

Lab Sample Id	D/F	Type	Time	Analytes																								
				TOC																								
CCV 860-76619/1	1		13:44	X																								
CCB 860-76619/2	1		13:59	X																								
ZZZZZZ			14:14																									
860-35784-21	1	T	14:29	X																								
860-35784-23	1	T	14:44	X																								
ZZZZZZ			14:59																									
ZZZZZZ			15:14																									
ZZZZZZ			15:29																									
CCV 860-76619/9	1		15:44	X																								
CCB 860-76619/10	1		15:59	X																								
ZZZZZZ			16:14																									
CCV 860-76619/12	1		16:29	X																								
CCB 860-76619/13	1		16:44	X																								
ZZZZZZ			16:59																									
ZZZZZZ			17:14																									
ZZZZZZ			17:29																									
860-35784-24	50	T	17:44	X																								
CCV 860-76619/18	1		17:59	X																								
CCB 860-76619/19	1		18:14	X																								

Prep Types:
T = Total/NA

FORM XIII-IN

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Batch Number: 76619 Batch Start Date: 11/07/22 13:44 Batch Analyst: Gonzalez, Yudith G

Batch Method: SM 5310C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	WC-TOC-ICV 00107			
CCV 860-76619/1		SM 5310C		40 mL	40 mL	40 mL			
CCB 860-76619/2		SM 5310C		40 mL	40 mL				
860-35784-E-21	Artesia-MW11-102 62022	SM 5310C	T	40 mL	40 mL				
860-35784-E-23	Artesia-MW12-102 62022	SM 5310C	T	40 mL	40 mL				
CCV 860-76619/9		SM 5310C		40 mL	40 mL	40 mL			
CCB 860-76619/10		SM 5310C		40 mL	40 mL				
CCV 860-76619/12		SM 5310C		40 mL	40 mL	40 mL			
CCB 860-76619/13		SM 5310C		40 mL	40 mL				
860-35784-E-24 ^50	Artesia-MW37-102 62022	SM 5310C	T	40 mL	40 mL				
CCV 860-76619/18		SM 5310C		40 mL	40 mL	40 mL			
CCB 860-76619/19		SM 5310C		40 mL	40 mL				

Batch Notes	
Phosphoric Acid ID	789337
Sodium Persulfate ID	797629
Pipette/Syringe/Dispenser ID	wc61wc25wc43
Batch Comment	pH strips 10BDH2301

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 BATCH WORKSHEET

Lab Name: Eurofins Houston Job No.: 860-35784-1

SDG No.:

Batch Number: 76621 Batch Start Date: 11/04/22 18:55 Batch Analyst: Gonzalez, Yudith G

Batch Method: SM 5310C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	WC-TOC-ICV 00107	WC-TOC-LCS 00122	WC-TOC-P 00012	
ICV 860-76621/1		SM 5310C		40 mL	40 mL	40 mL			
CCB 860-76621/2		SM 5310C		40 mL	40 mL				
MB 860-76621/3		SM 5310C		40 mL	40 mL				
LLCS 860-76621/4		SM 5310C		40 mL	40 mL			0.04 mL	
LCS 860-76621/5		SM 5310C		40 mL	40 mL		40 mL		
LCSD 860-76621/6		SM 5310C		40 mL	40 mL		40 mL		
860-35784-E-10	Artesia-MW17C-10 252022	SM 5310C	T	40 mL	40 mL				
860-35784-E-11	Artesia-MW36-102 52022	SM 5310C	T	40 mL	40 mL				
860-35784-E-9	Artesia-MW38-102 52022	SM 5310C	T	40 mL	40 mL				
CCV 860-76621/13		SM 5310C		40 mL	40 mL	40 mL			
CCB 860-76621/14		SM 5310C		40 mL	40 mL				

Batch Notes	
Phosphoric Acid ID	789337
Sodium Persulfate ID	797629
Pipette/Syringe/Dispenser ID	wc61wc43wc25
Batch Comment	pH strips 10BDH2301

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: 3/4/2024 2:02:33 PM

Page 1126 of 1131

Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

7913-0390-1230
7913-0390-1220

860-35784 Chain of Custody

Testing

Client Information	Sampler: M. Booth	Lab PM: McDaniel, Bethany A	Carrier:	
Client Contact: Aleeca Forsberg	Phone: 262-227-2781	E-Mail: Bethany.McDaniel@et.eurofinsus.com	State o	
Company: Jacobs Engineering Group, Inc.	PWSID:			Job #:
Address: 3721 Rutledge Rd NE Suite B-1	Due Date Requested:			
City: Albuquerque	TAT Requested (days): STD			
State, Zip: NM, 87109	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 148021462			
Email: aleeca.forsberg@jacobs.com	WO #: D3542603.C.CS.TPE.AR.22-05-02			
Project Name: Dowell Artesia	Project #: 86000977			
Site:	SSOW#:			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Preservation Code	8260D (MOD) Volatile Organic Compound Custom L	8260D (MOD) 8260 PCE and 1,1-DCE	300_ORGFM_28D Sulfate	5310C Total Organic Carbon (TOC)	Special Instructions/Note:
Artesia-TB01-10252022	10/25/22	0800	G	Water	N N	X				
Artesia-Inlet-10252022		0850		Water		Y				
Artesia-MID-10252022		0855		Water		Y				
Artesia-Outlet-10252022		0900		Water		Y				
Artesia-MW40-10252022		1700		Water	M N		X			Temp: 2.6 IR ID:HOU-343
Artesia-MD40-10252022		1705		Water	N N		X			C/F +0.3 Corrected Temp: 2.9
Artesia-MW39-10252022		1730		Water	N N		X			Temp: 2.2 IR ID:HOU-343
Artesia-MW35-10252022		1745		Water	N N		Y			C/F +0.3 Corrected Temp: 2.5
Artesia-MW38-10252022		1210		Water	N N	X		X	X	
Artesia-MW-17C-10252022		1500		Water	N N	X		X	Y	
Artesia-MW36-10252022		1800		Water	N Y	X		X	X	MS/MSD on VOA

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, Y Trizma, Z other (specify)
Other: H3PO4

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: Fedex		
Relinquished by:	Date/Time: 10/26/22 1330	Company: Jacobs	Received by:	Date/Time: 10/27/22 11:12	Company: Eurofins
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

Page 497 of 501

Received by OCD: 3/30/2023 11:30:39 AM

Released to Imaging: 3/4/2024 2:02:33 PM

Page 1127 of 1131

Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins Environment Testing America

Client Information	Sampler:	Lab PM: McDaniel, Bethany A	Carrier Tracking No(s):	COC No: 860-13636-4794.2
Client Contact: Aleeca Forsberg	Phone:	E-Mail: Bethany.McDaniel@et.eurofinsus.com	State of Origin:	Page: Page 2 of 4/5
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 #: D3542603.C.CS.TPE.AR.22-05-02			
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, Y Trizma, Z other (specify)
Other: H_3PO_4

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)	8260D (MOD) Volatile Organic Compound Custom L	8260D (MOD) 8260 PCE and 1,1-DCE	300_ORGFM_28D Sulfate	5310C Total Organic Carbon (TOC)	Total Number of containers	Special Instructions/Note:
			Preservation Code:									
Artesia-TW02-10262022	10/26/22	0736	G	Water	N	N	Y					
Artesia-MW38-10262022	10/26/22	0745	G	Water	N	N	X					
Artesia-MW29-10262022	10/26/22	0830	G	Water	N	N	X					
Artesia-MW28-10262022	10/26/22	0854	G	Water	N	N	X					
Artesia-MW34-10262022	10/26/22	0915	G	Water	N	N	X					
Artesia-MW31-10262022	10/26/22	0941	G	Water	N	N	X					
Artesia MW22-10262022	10/26/22	1000	G	Water	N	N	X					
Artesia-MW25-10262022	10/26/22	1110	G	Water	N	N	X					
Artesia-MW32-10262022	10/26/22	1130	G	Water	N	N	X					
Artesia-MW11-10262022	10/26/22	1255	G	Water	N	N	Y		Y	Y		
Artesia-MD11-10262022	10/26/22	1300	G	Water	N	N	Y					

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:	Company	Received by:	Date/Time:	Company
	[signature]	10/26/22 1330	Jacobs	[signature]	10/27/22 11:12	Eurofins
	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

Page 498 of 501

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Page 1128 of 1131

Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler:	Lab PM: McDaniel, Bethany A	Carrier Tracking No(s):	COC No: 860-13636-4794.3
Client Contact: Aleeca Forsberg	Phone:	E-Mail: Bethany.McDaniel@et.eurofinsus.com	State of Origin:	Page: Page 3 of 13
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 #: D3542603.C.CS.TPE.AR.22-05-02			
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, Y Trizma, Z other (specify)
Other H_3PO_4

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)	8260D (MOD) Volatile Organic Compound Custom L	8260D (MOD) 8260 PCE and 1,1-DCE	300_ORGFM_28D Sulfate	5310C Total Organic Carbon (TOC)	Total Number of containers	Special Instructions/Note:
			Preservation Code:									
Artesia-MW1L-10262022	10/26/22	0930	G	Water	N	N	Y		Y	Y		
Artesia-MW3-10262022	10/26/22	1120	G	Water	N	N	Y		Y	Y		
				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:	Company	Received by:	Date/Time:	Company
1		10/26/22 1330	Jacobs		10/27/22 11:12	Eurofins
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	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: 01/16/2019

Page 499 of 501
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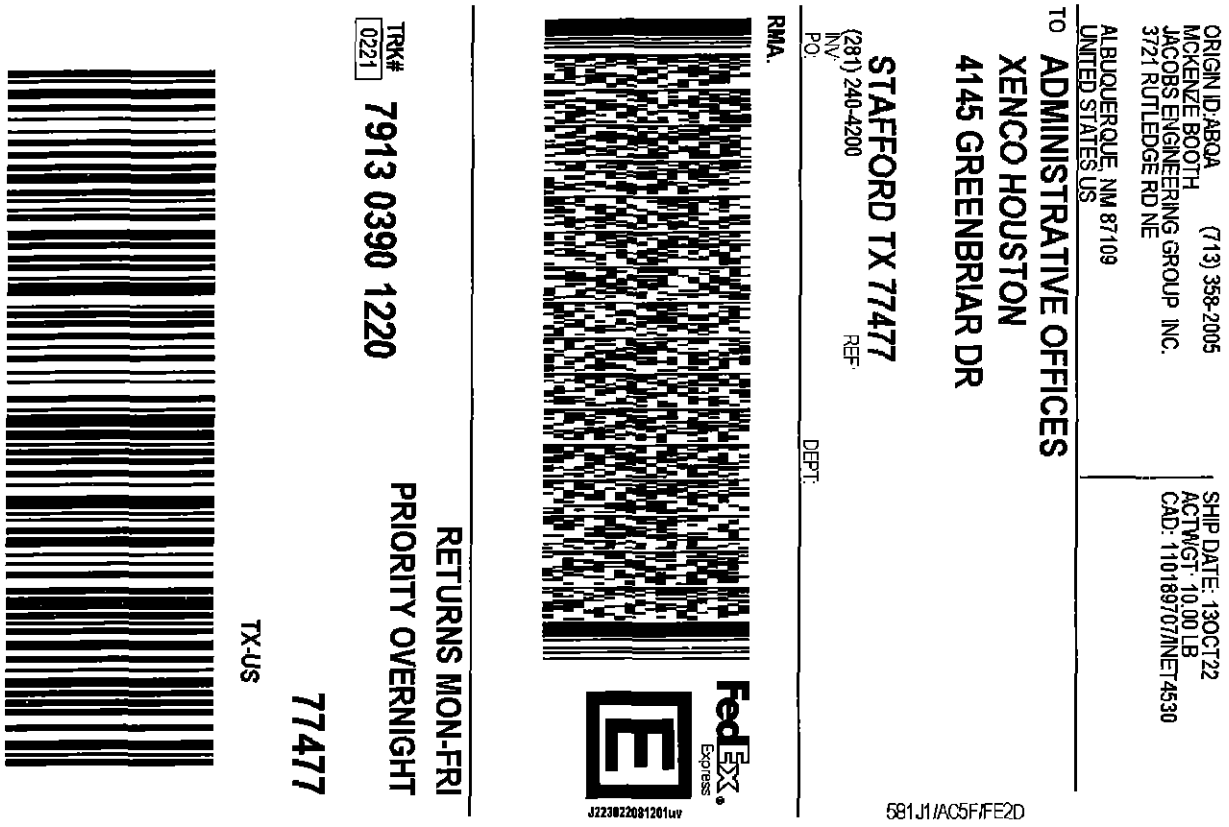

1 Select the 'Print' button to print 1 copy of each label.
2 The Return Shipment instructions which provide your recipient with information on the returns process, will be printed with the label(s)
3 After printing select your next step by clicking one of the displayed buttons.

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: 860-35784-1

Login Number: 35784 **List Source: Eurofins Houston**
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	2.5, 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.	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 202311

CONDITIONS

Operator: Schlumberger Technology Corporation 121 Industrial Blvd Sugar Land, TX 77478	OGRID: 330624
	Action Number: 202311
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Review of the 2022 Annual Groundwater Monitoring Report for Former Dowell Schlumberger Facility: Content Satisfactory 1. Continue to operate the pump & treat system as regularly scheduled. 2. Continue to conduct semi-annual groundwater monitoring as scheduled in April and October for 2023 and 2024. 3. Conduct performance monitoring as prescribed in 2023 Annual Groundwater Monitoring Report, part 5.2.1 4. Submit the 2023 Annual Groundwater Monitoring Report by April 1, 2024.	3/4/2024