Kelly Sperbeck
Remediation Manager
Schlumberger Technology Corporation
701 W 8th Avenue, Suite 600
Anchorage, AK 99501
Tel: (907) 223-0379

July 7, 2025

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

Re: Proposed Rebound Evaluation of the Groundwater Extraction, Treatment, and Reinjection System, Former Dowell Schlumberger Facility, Artesia, New Mexico

Dear Mr. Bratcher,

As discussed in the 2024 Annual Groundwater Monitoring Report,[1] Schlumberger Technology Corporation (STC) and The Dow Chemical Company (Dow) recommended shutting down the groundwater extraction, treatment, and reinjection (GETR) system if the analytical results of 1,1-dichloroethene (1,1-DCE) from the April 2025 event at MW-35, MW-39, and MW-40 were less than the New Mexico Water Quality Control Commission (NMWQCC) standard of 0.005 milligram per liter (mg/L). For reference, the October 2024 1,1-DCE plume map from the annual report is shown in Figure 1 (Attachment 1).

The semiannual sampling event was conducted on April 22, 2025, and the results are presented in Table 1. The 1,1-DCE concentrations at monitoring wells MW-39 and MW-40 did not exceed the NMWQCC standard in April 2025. Although monitoring well MW-35 marginally exceeds the NMWQCC standard, STC and Dow are requesting the shutdown of the GETR system for the following reasons:

- **The 1,1-DCE concentration at MW-35 is consistently decreasing.** As shown in the concentrations over time graph for MW-35 (Attachment 1), the 1,1-DCE concentration has steadily decreased from 0.0386 mg/L in 2018 to 0.0076 mg/L in 2025. The tetrachloroethene (PCE) concentration has also steadily decreased over this timeframe. These decreases have occurred despite GETR system run times that have ranged from 50 to 90 percent. GETR system shutdowns have been primarily due to ongoing electrical system issues and extraction pump operational issues as documented in the 2023 and 2024 Annual Groundwater Monitoring Reports.[2]
- **Concentrations have decreased to less than NMWQCC standards at the onsite boundary.** As shown in Figure 1 (Attachment 1), the 1,1-DCE concentrations at MW-28 and MW-29, the two farthest downgradient onsite monitoring wells, have been less than the NMWQCC standard since 2020 and 2022, respectively. Furthermore, as shown in the concentrations over time

[1] CH2M HILL Engineers, Inc. (CH2M). 2025. *2024 Annual Groundwater Monitoring Report Former Dowell Schlumberger Facility Artesia, New Mexico 507 East Richey Avenue Artesia, Eddy County, New Mexico*. March.
[2] CH2M HILL Engineers, Inc. (CH2M). 2024a. *2023 Annual Groundwater Monitoring Report Former Dowell Schlumberger Facility Artesia, New Mexico 507 East Richey Avenue Artesia, Eddy County, New Mexico*. March.
CH2M HILL Engineers, Inc. (CH2M). 2024b. *Stage I and II Abatement Plan Amendment, Proposed Modifications to the Groundwater Monitoring Program, Former Dowell Schlumberger Facility, Artesia, New Mexico*. September 26.

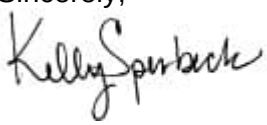
graphs (Attachment 1), the 1,1-DCE and PCE concentrations in the farthest downgradient onsite wells have been steadily decreasing since 2014 and 2018, respectively.

- **The 1,1-DCE plume is not expanding.** The 1,1-DCE concentration at the farthest downgradient monitoring well (MW-40) remains less than the laboratory limit of detection (0.0007 mg/L) (Attachment 1), and the 1,1-DCE concentration at the next closest monitoring well (MW-39) decreased slightly between October 2024 and April 2025 with only one extraction well operating (EW-04).
- **GETR system influent concentrations are less than NMWQCC standards.** Site-specific analyte concentrations have been less than NMWQCC standards since April 2023.

STC requests to conduct a rebound study to evaluate whether the GETR system is required to ultimately meet objectives in the Stage I and Stage II Abatement Plan[3] and the Abatement Plan Addendum (as summarized in the 2019 status update meeting notes[4]) before upgrades are potentially implemented. With concurrence from the New Mexico Oil Conservation Division, STC would shut down the GETR system and continue the annual monitoring program recommended in the September 26, 2024, letter,[5] which requested modification of the groundwater monitoring program with sampling planned for April 2026 and April 2027. If the 1,1-DCE concentrations at MW-35 and MW-39 increase 50 percent over two consecutive annual monitoring events or 1,1-DCE is detected at MW-40, the GETR system will resume operation. Otherwise, it will remain off, and annual monitoring will continue. In either case, once the 1,1-DCE NMWQCC standard is achieved at the three monitoring wells, 2 years of quarterly compliance monitoring will begin. In addition, STC is requesting a response from the New Mexico Oil Conservation Division on the annual monitoring program recommended in the September 26, 2024, letter[5] by August 29, 2025.

Please call me at (907) 223-0379 with any questions or concerns. I can also be reached by email at ksperbeck@slb.com. I look forward to our continued work together.

Sincerely,



Kelly Sperbeck
Remediation Manager

Enclosures:

- Table 1. Summary of Analytical Data from Downgradient Wells – October 2024 to April 2025
- Attachment 1. Figures
  - Figure 1. Concentration Map for 1,1-DCE – 2024 through 2025
  - Figure 2. MW-28 Concentrations over Time in Groundwater - 1,1-DCE – 2013 to 2025
  - Figure 3. MW-29 Concentrations over Time in Groundwater - 1,1-DCE – 2013 to 2025
  - Figure 4. MW-35 Concentrations over Time in Groundwater - 1,1-DCE – 2017 to 2025
  - Figure 5. MW-39 Concentrations over Time in Groundwater - 1,1-DCE – 2021 to 2025
  - Figure 6. MW-40 Concentrations over Time in Groundwater - 1,1-DCE – 2021 to 2025
- Attachment 2. April 2025 Laboratory Report

[3] CH2M HILL Engineers, Inc. (CH2M). 2017. *Stage I and Stage II Abatement Plan, Former Dowell Schlumberger Facility, 507 East Richey Avenue, Artesia, Eddy County, New Mexico*. Discharge Permit GW-114. October 6.

[4] CH2M HILL Engineers, Inc. (CH2M). 2019. *Meeting Summary*. Dowell Schlumberger Artesia, New Mexico Site Status Update Meeting. July 9.

[5] CH2M HILL Engineers, Inc. (CH2M). 2024b. *Stage I and II Abatement Plan Amendment, Proposed Modifications to the Groundwater Monitoring Program, Former Dowell Schlumberger Facility, Artesia, New Mexico*. September 2

c: Meredith Harris/Dow
Monica Schneider/CH2M HILL Engineers, Inc.
Anne Nea/CH2M HILL Engineers, Inc.
Aleeca Forsberg/CH2M HILL Engineers, Inc.

Table

Table 1. Summary of Analytical Data from Downgradient Wells – October 2024 to April 2025

Former Dowell Schlumberger Facility, Artesia, New Mexico

Monitoring Well	1,1-DCE NMWQCC Standard	October 2024 (mg/L)	April 2025 (mg/L)
MW-35	0.005	**0.0085**	**0.0076**
MW-39	0.005	**0.0059**	**0.0054**[a]
MW-40	0.005	<0.0007	<0.0007

Notes:

[a] When compared to the standard at the same number of significant figures, the result does not exceed the NMWQCC standard.

Bolded = detection

Shaded = exceedance of NMWQCC standard

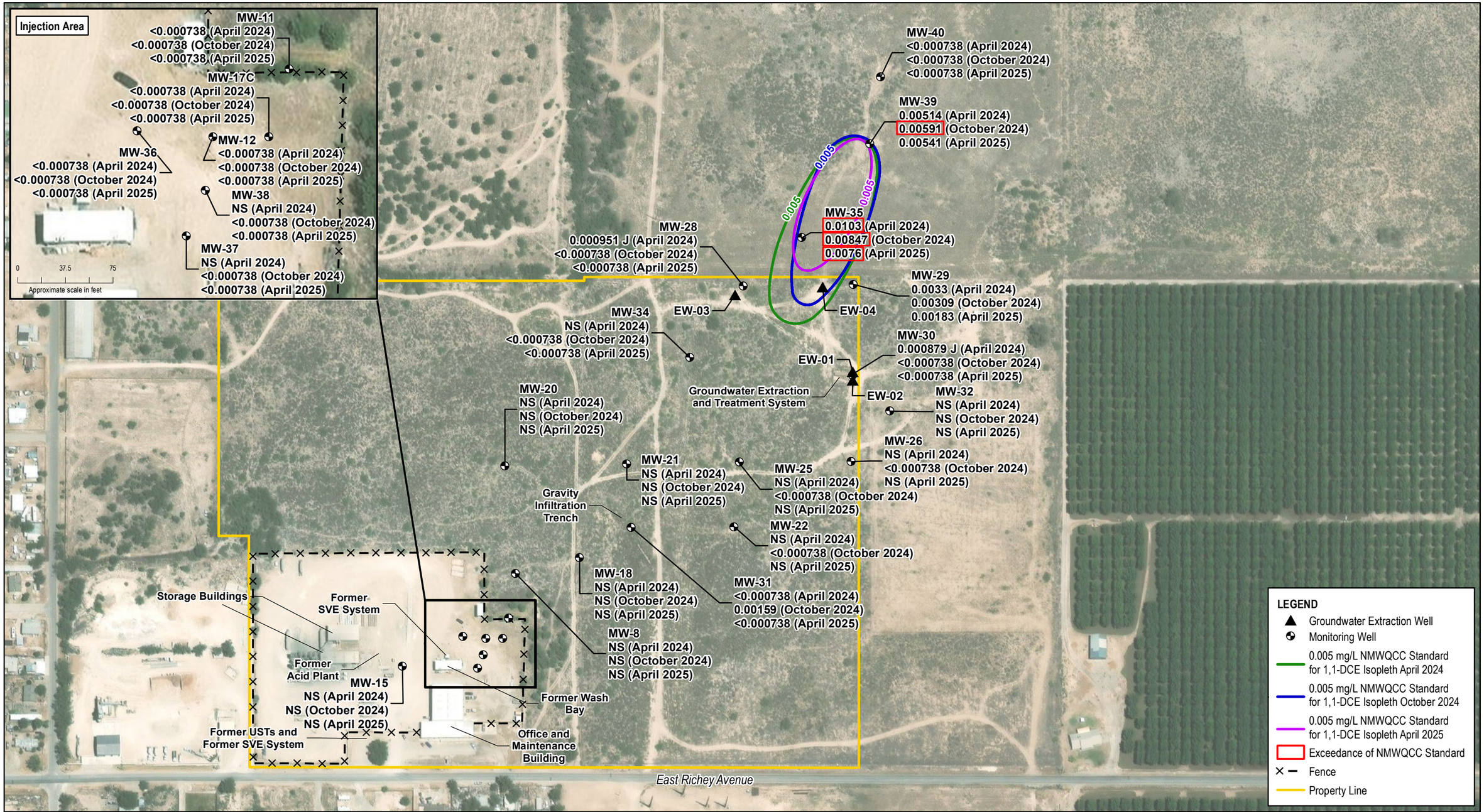
The laboratory report for the April 2025 data is provided in Attachment 2.

1,1-DCE = 1,1-dichloroethene

mg/L = milligram(s) per liter

NMWQCC = New Mexico Water Quality Control Commission

Attachment 1
Figures



Notes:
< = analyte not detected at concentration above detection limit shown
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.

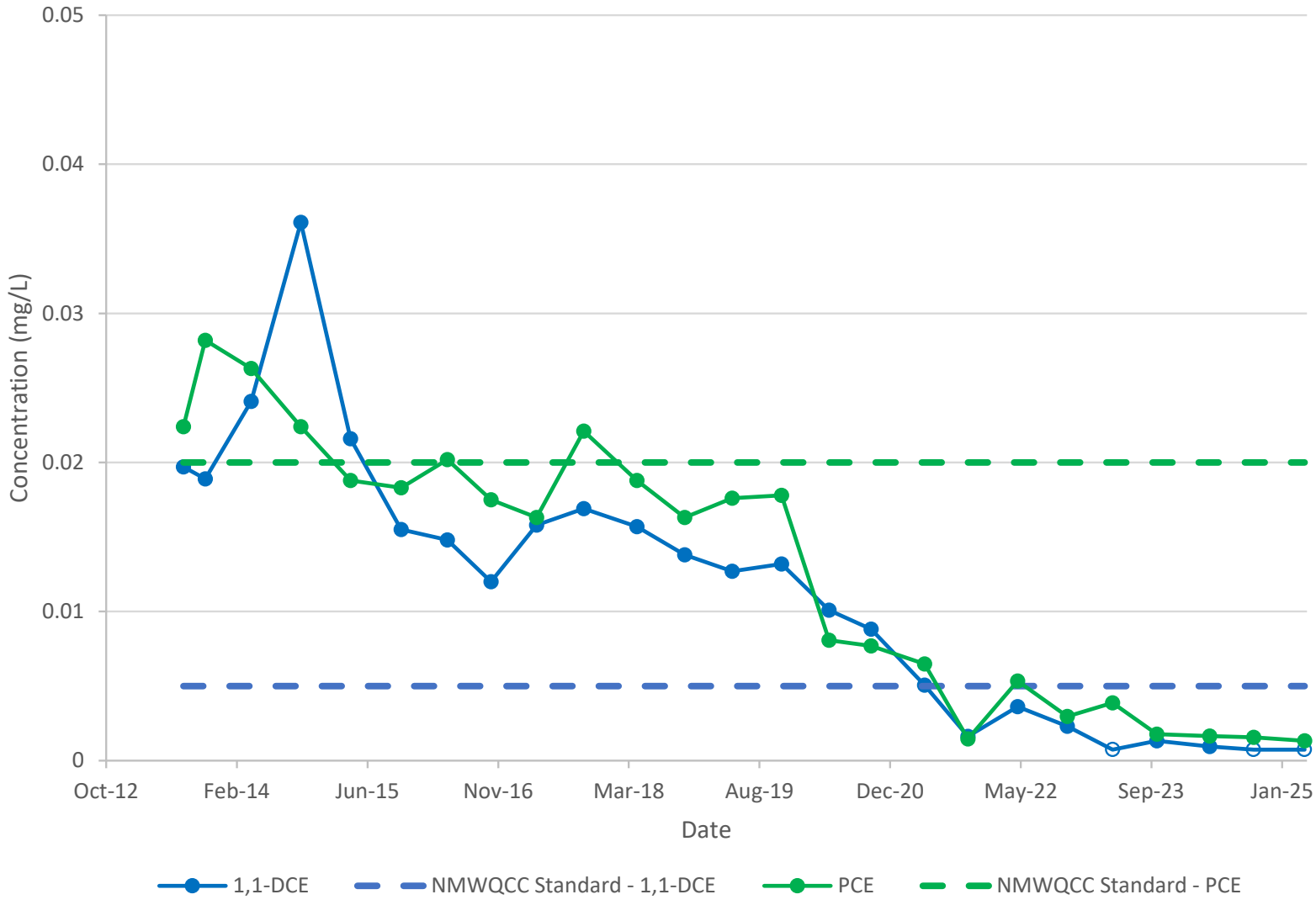
Acronyms:
1,1-DCE = 1,1-dichloroethene
mg/L= milligrams per liter
NMWQCC = New Mexico Water Quality Control Commission
NS = not sampled
SVE = soil vapor extraction
UST = underground storage tank

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

Figure 1.
Concentration Map for 1,1-DCE – 2024 through 2025
Former Dowell Schlumberger Facility
Artesia, New Mexico

CH2M HILL Engineers, Inc.

\\DC1VS01\GISPROJ\D\DOWELL\ARTESIA\MAPFILES\2025\FIG1_ISOCON_DCE_2025.MXD AESPEJO 6/9/2025



Notes:

1,1-DCE = 1,1-Dicholoroethene

mg/L = milligram(s) per Liter

NMWQCC = New Mexico Water Quality Control Commission

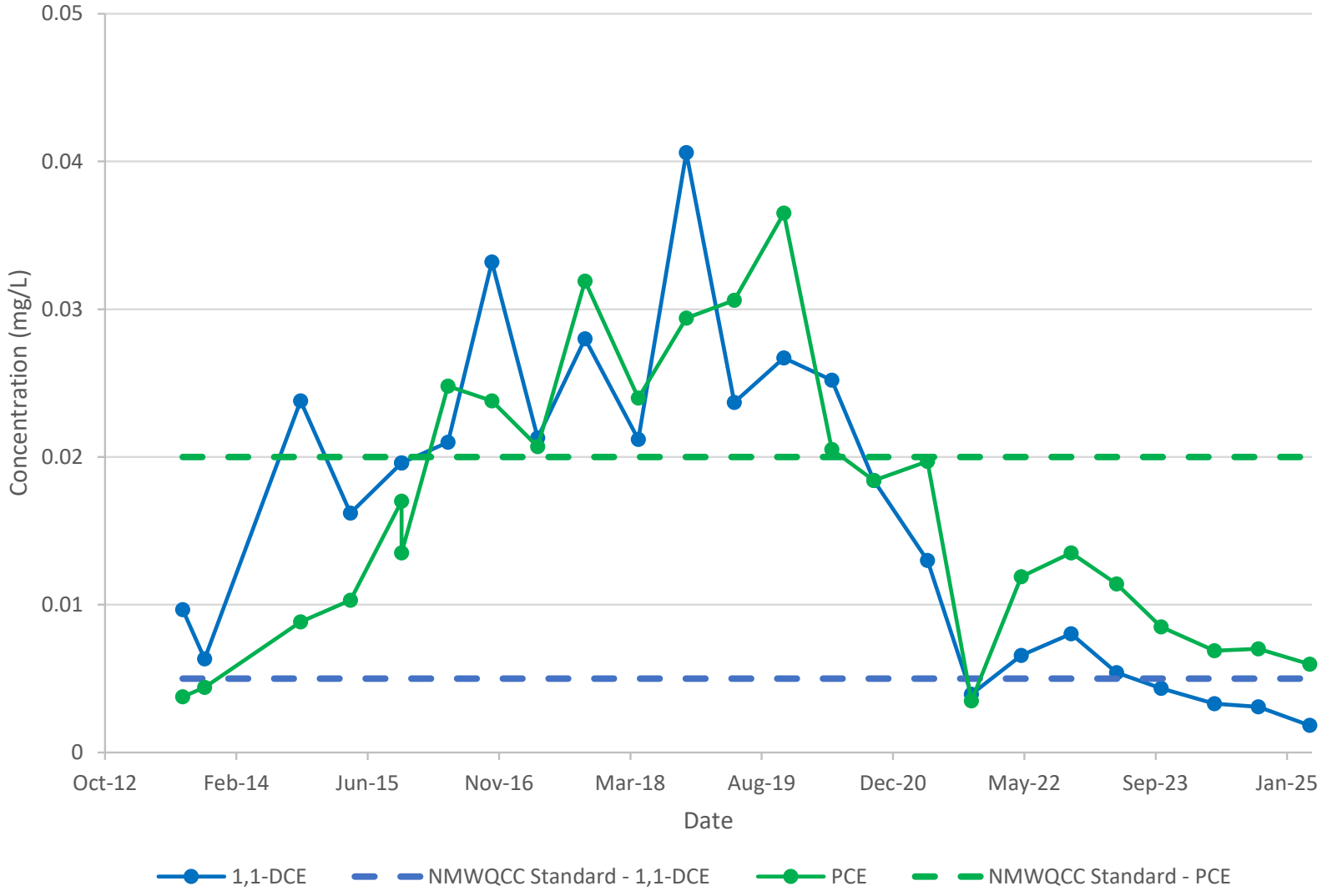
PCE = tetrachloroethene

Concentration values less than the method detection limit are shown as an open circle.

When compared to the standard at the same number of significant figures, the result does not exceed the NMWQCC standard.

Figure 2.
MW-28 Concentrations over Time in Groundwater - 1,1-DCE – 2013 to 2025
Former Dowell Schlumberger Facility
Artesia, New Mexico

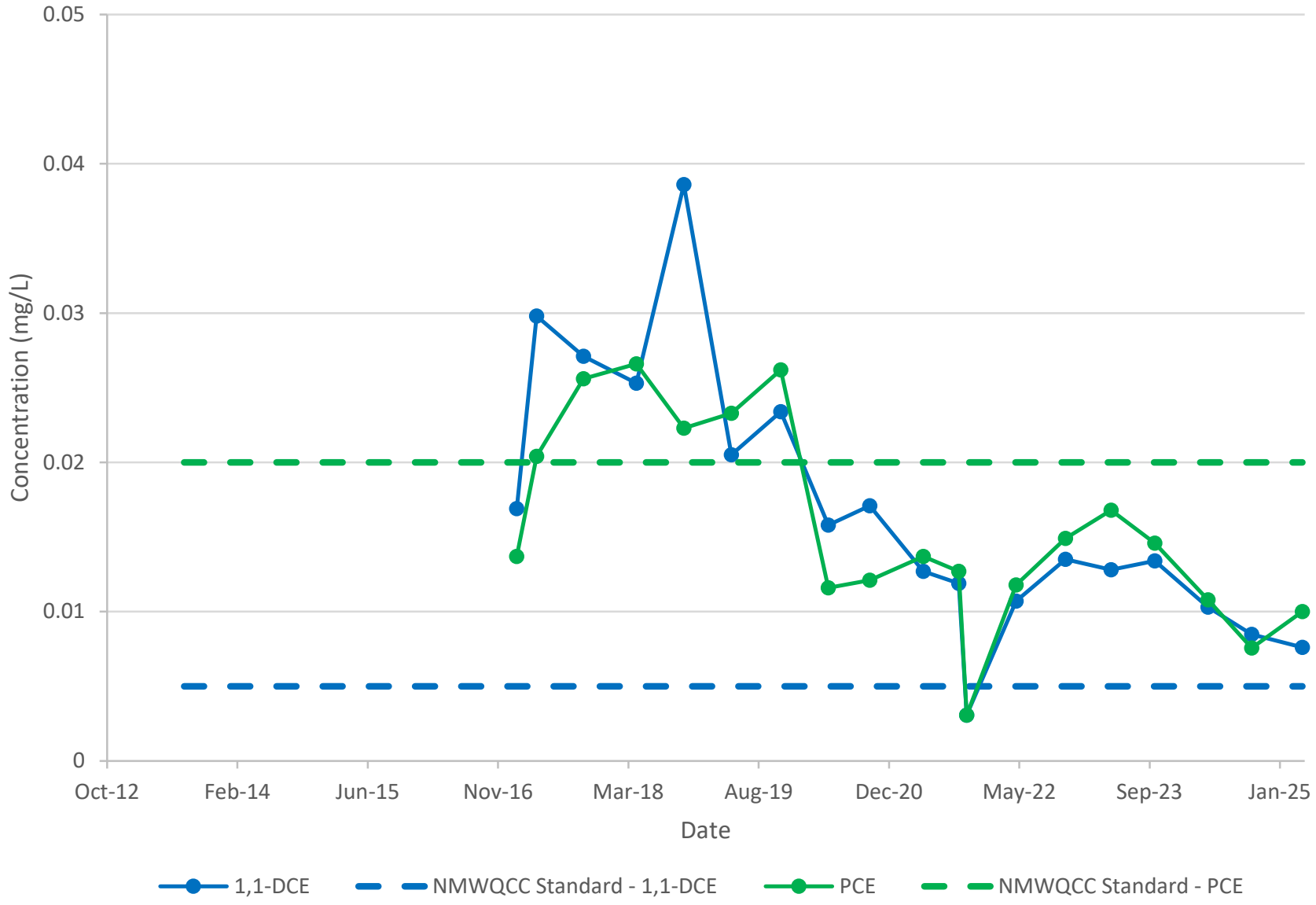
CH2M HILL Engineers, Inc.



Notes:
1,1-DCE = 1,1-Dicholoroethene
mg/L = milligram(s) per Liter
NMWQCC = New Mexico Water Quality Control Commission
PCE = tetrachloroethene
When compared to the standard at the same number of significant figures, the result does not exceed the NMWQCC standard.

Figure 3.
MW-29 Concentrations over Time in Groundwater - 1,1-DCE – 2013 to 2025
Former Dowell Schlumberger Facility
Artesia, New Mexico

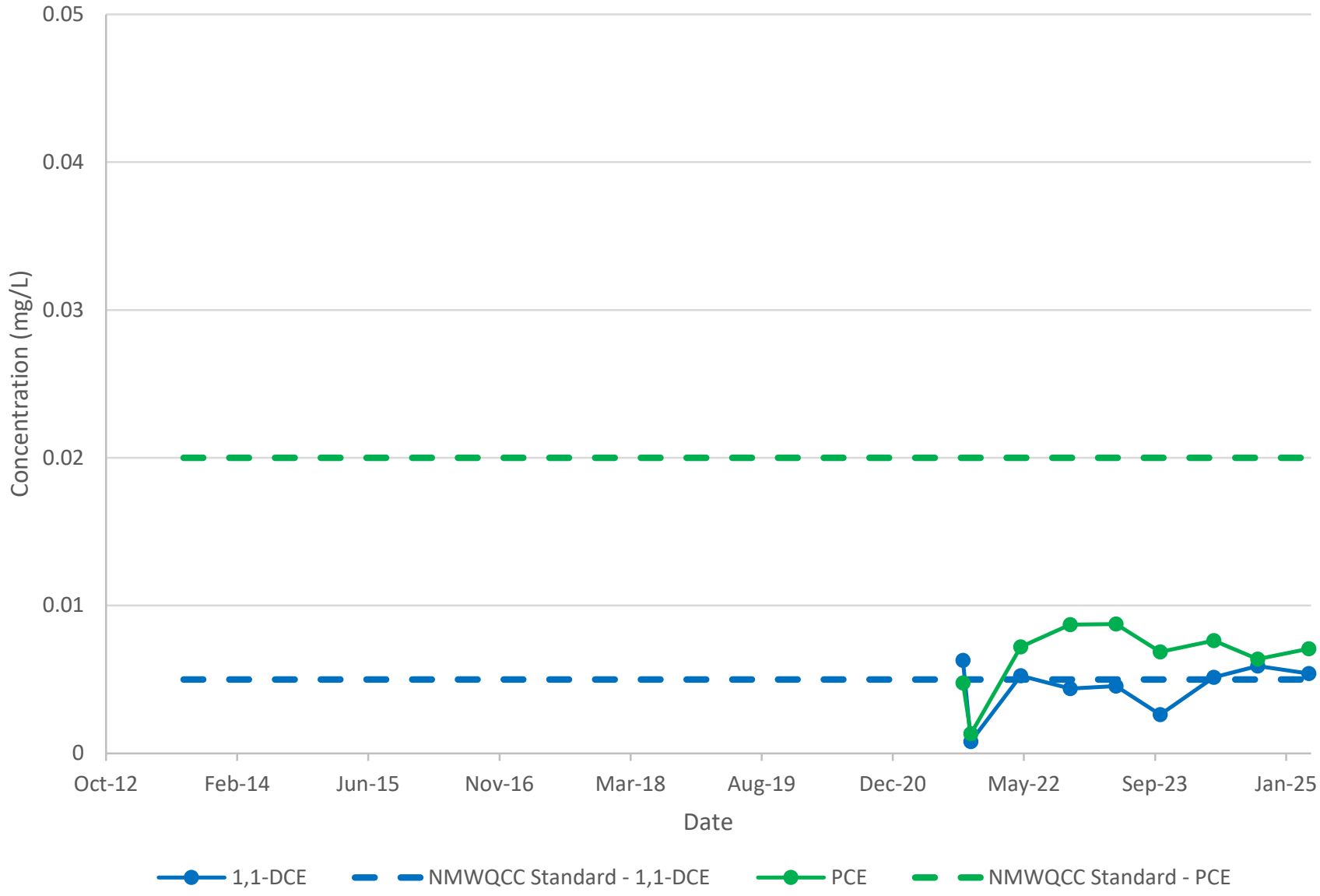
CH2M HILL Engineers, Inc.



Notes:
1,1-DCE = 1,1-Dicholoroethene
mg/L = milligram(s) per Liter
NMWQCC = New Mexico Water Quality Control Commission
PCE = tetrachloroethene

Figure 4.
MW-35 Concentrations over Time in Groundwater - 1,1-DCE – 2017 to 2025
Former Dowell Schlumberger Facility
Artesia, New Mexico

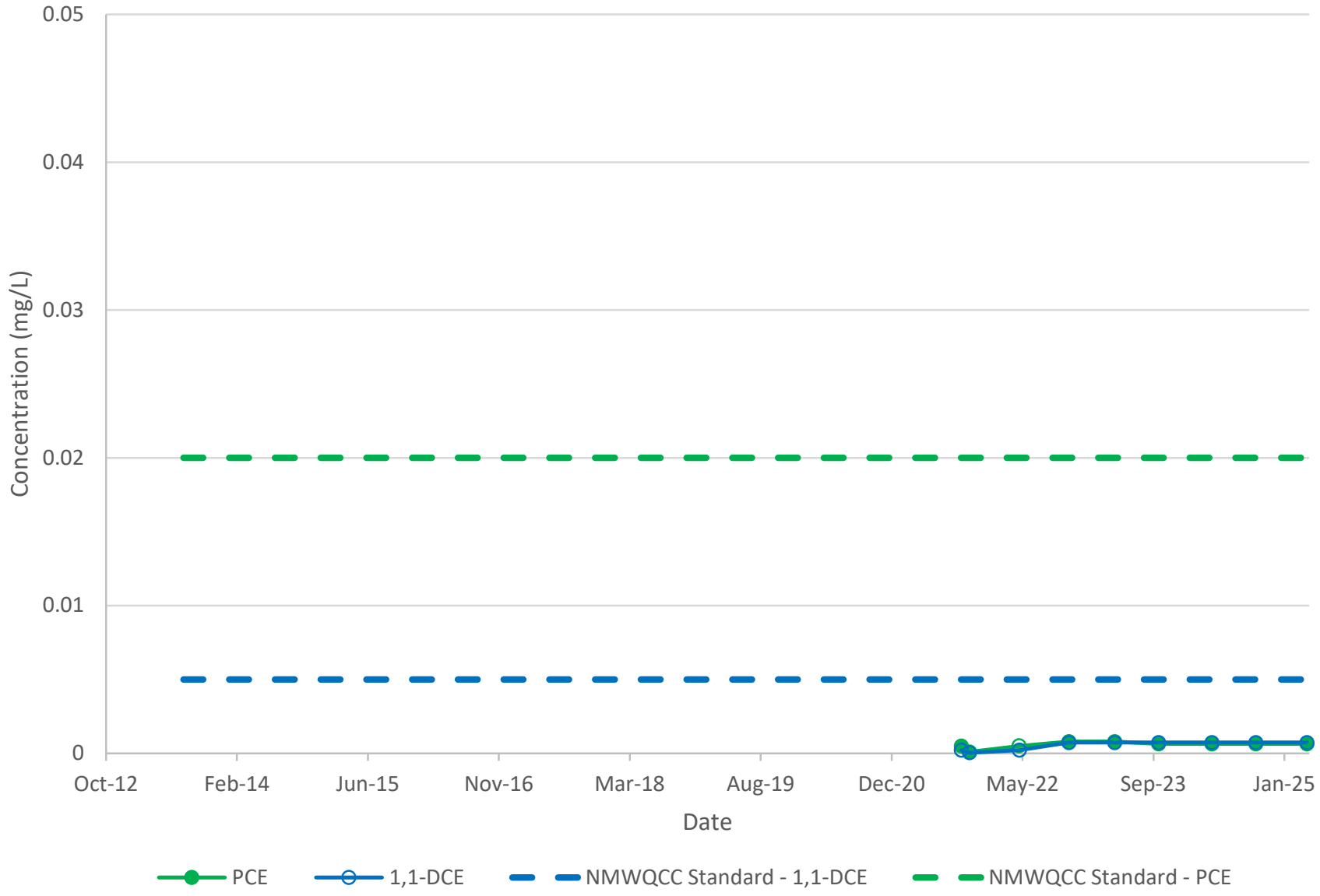
CH2M HILL Engineers, Inc.



Notes:
1,1-DCE = 1,1-Dicholoroethene
mg/L = milligram(s) per Liter
NMWQCC = New Mexico Water Quality Control Commission
PCE = tetrachloroethene
When compared to the standard at the same number of significant figures, the result does not exceed the NMWQCC standard.

Figure 5.
MW-39 Concentrations over Time in Groundwater - 1,1-DCE – 2021 to 2025
Former Dowell Schlumberger Facility
Artesia, New Mexico

CH2M HILL Engineers, Inc.



Notes:
1,1-DCE = 1,1-Dicholoroethene
mg/L = milligram(s) per Liter
NMWQCC = New Mexico Water Quality Control Commission
PCE = tetrachloroethene
Concentration values less than the method detection limit are shown as an open circle.

Figure 6.
MW-40 Concentrations over Time in Groundwater - 1,1-DCE – 2021 to 2025
Former Dowell Schlumberger Facility
Artesia, New Mexico

CH2M HILL Engineers, Inc.

Attachment 2
April 2025 Laboratory Report

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 05/05/2025

JOB DESCRIPTION

Dowell - Artesia 2025 Groundwater Monitoring

JOB NUMBER

860-99120-1

Eurofins Houston
4145 Greenbriar Dr
Stafford TX 77477

See page two for job notes and contact information.

Eurofins Houston

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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.

Authorization

Generated
05/05/2025

Authorized for release by
Bethany McDaniel, Senior Project Manager
Bethany.McDaniel@et.eurofinsus.com
Designee for
Bethany A McDaniel, Senior Project Manager
Bethany.McDaniel@et.eurofinsus.com
713 358-2005

Table of Contents

Table of Contents

Definitions/Glossary

Client: Jacobs Engineering Group, Inc.
Job ID: 860-99120-1
Project/Site: Dowell - Artesia 2025 Groundwater Monitoring

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
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
860-99120-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 4/24/2025 9:17 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 2.2°C and 2.5°C.

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

HPLC/IC
Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 860-231600 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 300_ORGFM_28D: The following samples were diluted to bring the concentration of target analytes within the calibration range: Artesia-MW17C-0425 (860-99120-1), Artesia-MW38-0425 (860-99120-2), Artesia-MW12-0425 (860-99120-4), Artesia-MW36-0425 (860-99120-6) and Artesia-MW11-0425 (860-99120-7). Elevated reporting limits (RLs) are provided.

Method 300_ORGFM_28D: Due to the high concentration of Sulfate, the matrix spike / matrix spike duplicate (MS/MSD) for analytical batch 860-231600 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

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.
Job ID: 860-99120-1
Project/Site: Dowell - Artesia 2025 Groundwater Monitoring

Client Sample ID: Artesia-MW17C-0425 — Lab Sample ID: 860-99120-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	2480		5.00	2.00	mg/L	10		300.0	Total/NA
Total Organic Carbon	0.616	J	1.00	0.500	mg/L	1		SM 5310C	Total/NA

Client Sample ID: Artesia-MW38-0425 — Lab Sample ID: 860-99120-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.0262		0.00100	0.000635	mg/L	1		8260D	Total/NA
Benzene	0.00132		0.00100	0.000460	mg/L	1		8260D	Total/NA
Sulfate	2350		5.00	2.00	mg/L	10		300.0	Total/NA
Total Organic Carbon	5.36		1.00	0.500	mg/L	1		SM 5310C	Total/NA

Client Sample ID: Artesia-MW37-0425 — Lab Sample ID: 860-99120-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.00240		0.00100	0.000635	mg/L	1		8260D	Total/NA
Benzene	0.00662		0.00100	0.000460	mg/L	1		8260D	Total/NA
Naphthalene	0.0315		0.0100	0.00135	mg/L	1		8260D	Total/NA
Tetrachloroethene	0.00134		0.00100	0.000655	mg/L	1		8260D	Total/NA
Sulfate	70.9		0.500	0.200	mg/L	1		300.0	Total/NA
Total Organic Carbon	10.4		1.00	0.500	mg/L	1		SM 5310C	Total/NA

Client Sample ID: Artesia-MW12-0425 — Lab Sample ID: 860-99120-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.00863		0.00100	0.000635	mg/L	1		8260D	Total/NA
Sulfate	2740		5.00	2.00	mg/L	10		300.0	Total/NA
Total Organic Carbon	4.65		1.00	0.500	mg/L	1		SM 5310C	Total/NA

Client Sample ID: Artesia-MD12-0425 — Lab Sample ID: 860-99120-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.00849		0.00100	0.000635	mg/L	1		8260D	Total/NA

Client Sample ID: Artesia-MW36-0425 — Lab Sample ID: 860-99120-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.00462		0.00100	0.000635	mg/L	1		8260D	Total/NA
Benzene	0.00104		0.00100	0.000460	mg/L	1		8260D	Total/NA
Sulfate	2130		5.00	2.00	mg/L	10		300.0	Total/NA
Total Organic Carbon	6.15		1.00	0.500	mg/L	1		SM 5310C	Total/NA

Client Sample ID: Artesia-MW11-0425 — Lab Sample ID: 860-99120-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	2990		5.00	2.00	mg/L	10		300.0	Total/NA
Total Organic Carbon	2.50		1.00	0.500	mg/L	1		SM 5310C	Total/NA

Client Sample ID: Artesia-TB02-0425 — Lab Sample ID: 860-99120-8

No Detections.

Client Sample ID: Artesia-MW31-0425 — Lab Sample ID: 860-99120-9

No Detections.

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Jacobs Engineering Group, Inc. Job ID: 860-99120-1
Project/Site: Dowell - Artesia 2025 Groundwater Monitoring

Client Sample ID: Artesia-MW28-0425 Lab Sample ID: 860-99120-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.00133		0.00100	0.000655	mg/L	1		8260D	Total/NA

Client Sample ID: Artesia-MW29-0425 Lab Sample ID: 860-99120-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.00183		0.00100	0.000738	mg/L	1		8260D	Total/NA
Tetrachloroethene	0.00597		0.00100	0.000655	mg/L	1		8260D	Total/NA

Client Sample ID: Artesia-MW35-0425 Lab Sample ID: 860-99120-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.00760		0.00100	0.000738	mg/L	1		8260D	Total/NA
Tetrachloroethene	0.0100		0.00100	0.000655	mg/L	1		8260D	Total/NA

Client Sample ID: Artesia-MD35-0425 Lab Sample ID: 860-99120-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.00745		0.00100	0.000738	mg/L	1		8260D	Total/NA
Tetrachloroethene	0.00857		0.00100	0.000655	mg/L	1		8260D	Total/NA

Client Sample ID: Artesia-MW39-0425 Lab Sample ID: 860-99120-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.00541		0.00100	0.000738	mg/L	1		8260D	Total/NA
Tetrachloroethene	0.00709		0.00100	0.000655	mg/L	1		8260D	Total/NA

Client Sample ID: Artesia-MW40-0425 Lab Sample ID: 860-99120-15

No Detections.

Client Sample ID: Artesia-MW30-0425 Lab Sample ID: 860-99120-16

No Detections.

Client Sample ID: Artesia-Inlet-0425 Lab Sample ID: 860-99120-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.00401		0.00100	0.000738	mg/L	1		8260D	Total/NA
Tetrachloroethene	0.00471		0.00100	0.000655	mg/L	1		8260D	Total/NA

Client Sample ID: Artesia-Mid-0425 Lab Sample ID: 860-99120-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.00151		0.00100	0.000738	mg/L	1		8260D	Total/NA

Client Sample ID: Artesia-Outlet-0425 Lab Sample ID: 860-99120-19

No Detections.

Client Sample ID: Artesia-TB01-0425 Lab Sample ID: 860-99120-20

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Jacobs Engineering Group, Inc.
Job ID: 860-99120-1
Project/Site: Dowell - Artesia 2025 Groundwater Monitoring

Client Sample ID: Artesia-MW17C-0425
Lab Sample ID: 860-99120-1
Date Collected: 04/22/25 16:30
Matrix: Water
Date Received: 04/24/25 09:17

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			05/02/25 22:16	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			05/02/25 22:16	1
Benzene	0.000460	U	0.00100	0.000460	mg/L			05/02/25 22:16	1
Naphthalene	0.00135	U	0.0100	0.00135	mg/L			05/02/25 22:16	1
Tetrachloroethene	0.000655	U	0.00100	0.000655	mg/L			05/02/25 22:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*63 - 144*		*05/02/25 22:16*	*1*
4-Bromofluorobenzene (Surr)	*97*		*74 - 124*		*05/02/25 22:16*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 131*		*05/02/25 22:16*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*05/02/25 22:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**2480**		5.00	2.00	mg/L			04/26/25 00:33	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SM 5310C)	**0.616**	**J**	1.00	0.500	mg/L			04/29/25 12:10	1

Client Sample ID: Artesia-MW38-0425
Lab Sample ID: 860-99120-2
Date Collected: 04/22/25 15:20
Matrix: Water
Date Received: 04/24/25 09:17

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**0.0262**		0.00100	0.000635	mg/L			05/02/25 22:37	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			05/02/25 22:37	1
Benzene	**0.00132**		0.00100	0.000460	mg/L			05/02/25 22:37	1
Naphthalene	0.00135	U	0.0100	0.00135	mg/L			05/02/25 22:37	1
Tetrachloroethene	0.000655	U	0.00100	0.000655	mg/L			05/02/25 22:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*63 - 144*		*05/02/25 22:37*	*1*
4-Bromofluorobenzene (Surr)	*95*		*74 - 124*		*05/02/25 22:37*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 131*		*05/02/25 22:37*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*05/02/25 22:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**2350**		5.00	2.00	mg/L			04/26/25 01:14	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SM 5310C)	**5.36**		1.00	0.500	mg/L			04/29/25 12:25	1

Client Sample Results

Client: Jacobs Engineering Group, Inc.
Job ID: 860-99120-1
Project/Site: Dowell - Artesia 2025 Groundwater Monitoring

Client Sample ID: Artesia-MW37-0425
Lab Sample ID: 860-99120-3
Date Collected: 04/22/25 13:25
Matrix: Water
Date Received: 04/24/25 09:17

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**0.00240**		0.00100	0.000635	mg/L			05/02/25 22:57	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			05/02/25 22:57	1
Benzene	**0.00662**		0.00100	0.000460	mg/L			05/02/25 22:57	1
Naphthalene	**0.0315**		0.0100	0.00135	mg/L			05/02/25 22:57	1
Tetrachloroethene	**0.00134**		0.00100	0.000655	mg/L			05/02/25 22:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*63 - 144*		*05/02/25 22:57*	*1*
4-Bromofluorobenzene (Surr)	*96*		*74 - 124*		*05/02/25 22:57*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 131*		*05/02/25 22:57*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*05/02/25 22:57*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**70.9**		0.500	0.200	mg/L			04/26/25 01:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SM 5310C)	**10.4**		1.00	0.500	mg/L			04/29/25 12:40	1

Client Sample ID: Artesia-MW12-0425
Lab Sample ID: 860-99120-4
Date Collected: 04/22/25 11:10
Matrix: Water
Date Received: 04/24/25 09:17

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**0.00863**		0.00100	0.000635	mg/L			05/02/25 23:18	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			05/02/25 23:18	1
Benzene	0.000460	U	0.00100	0.000460	mg/L			05/02/25 23:18	1
Naphthalene	0.00135	U	0.0100	0.00135	mg/L			05/02/25 23:18	1
Tetrachloroethene	0.000655	U	0.00100	0.000655	mg/L			05/02/25 23:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*63 - 144*		*05/02/25 23:18*	*1*
4-Bromofluorobenzene (Surr)	*97*		*74 - 124*		*05/02/25 23:18*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 131*		*05/02/25 23:18*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*05/02/25 23:18*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**2740**		5.00	2.00	mg/L			04/26/25 02:14	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SM 5310C)	**4.65**		1.00	0.500	mg/L			04/29/25 12:55	1

Client Sample Results

Client: Jacobs Engineering Group, Inc.
Job ID: 860-99120-1
Project/Site: Dowell - Artesia 2025 Groundwater Monitoring

Client Sample ID: Artesia-MD12-0425
Lab Sample ID: 860-99120-5
Date Collected: 04/22/25 11:10
Matrix: Water
Date Received: 04/24/25 09:17

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**0.00849**		0.00100	0.000635	mg/L			05/02/25 23:38	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			05/02/25 23:38	1
Benzene	0.000460	U	0.00100	0.000460	mg/L			05/02/25 23:38	1
Naphthalene	0.00135	U	0.0100	0.00135	mg/L			05/02/25 23:38	1
Tetrachloroethene	0.000655	U	0.00100	0.000655	mg/L			05/02/25 23:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*63 - 144*		*05/02/25 23:38*	*1*
4-Bromofluorobenzene (Surr)	*98*		*74 - 124*		*05/02/25 23:38*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 131*		*05/02/25 23:38*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*05/02/25 23:38*	*1*

Client Sample ID: Artesia-MW36-0425
Lab Sample ID: 860-99120-6
Date Collected: 04/22/25 12:30
Matrix: Water
Date Received: 04/24/25 09:17

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**0.00462**		0.00100	0.000635	mg/L			05/02/25 23:59	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			05/02/25 23:59	1
Benzene	**0.00104**		0.00100	0.000460	mg/L			05/02/25 23:59	1
Naphthalene	0.00135	U	0.0100	0.00135	mg/L			05/02/25 23:59	1
Tetrachloroethene	0.000655	U	0.00100	0.000655	mg/L			05/02/25 23:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*63 - 144*		*05/02/25 23:59*	*1*
4-Bromofluorobenzene (Surr)	*97*		*74 - 124*		*05/02/25 23:59*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 131*		*05/02/25 23:59*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*05/02/25 23:59*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**2130**		5.00	2.00	mg/L			04/26/25 02:34	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SM 5310C)	**6.15**		1.00	0.500	mg/L			04/29/25 13:09	1

Client Sample ID: Artesia-MW11-0425
Lab Sample ID: 860-99120-7
Date Collected: 04/22/25 14:00
Matrix: Water
Date Received: 04/24/25 09:17

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			05/02/25 00:30	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			05/02/25 00:30	1
Benzene	0.000460	U	0.00100	0.000460	mg/L			05/02/25 00:30	1
Naphthalene	0.00135	U	0.0100	0.00135	mg/L			05/02/25 00:30	1
Tetrachloroethene	0.000655	U	0.00100	0.000655	mg/L			05/02/25 00:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*131*		*63 - 144*		*05/02/25 00:30*	*1*

Client Sample Results

Client: Jacobs Engineering Group, Inc.
Job ID: 860-99120-1
Project/Site: Dowell - Artesia 2025 Groundwater Monitoring

Client Sample ID: Artesia-MW11-0425
Lab Sample ID: 860-99120-7
Date Collected: 04/22/25 14:00
Matrix: Water
Date Received: 04/24/25 09:17

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		74 - 124		05/02/25 00:30	1
Dibromofluoromethane (Surr)	110		75 - 131		05/02/25 00:30	1
Toluene-d8 (Surr)	95		80 - 120		05/02/25 00:30	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**2990**		5.00	2.00	mg/L			04/26/25 03:15	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SM 5310C)	**2.50**		1.00	0.500	mg/L			04/29/25 13:24	1

Client Sample ID: Artesia-TB02-0425
Lab Sample ID: 860-99120-8
Date Collected: 04/22/25 12:30
Matrix: Water
Date Received: 04/24/25 09:17

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			05/03/25 00:19	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			05/03/25 00:19	1
Benzene	0.000460	U	0.00100	0.000460	mg/L			05/03/25 00:19	1
Naphthalene	0.00135	U	0.0100	0.00135	mg/L			05/03/25 00:19	1
Tetrachloroethene	0.000655	U	0.00100	0.000655	mg/L			05/03/25 00:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		63 - 144		05/03/25 00:19	1
4-Bromofluorobenzene (Surr)	95		74 - 124		05/03/25 00:19	1
Dibromofluoromethane (Surr)	96		75 - 131		05/03/25 00:19	1
Toluene-d8 (Surr)	96		80 - 120		05/03/25 00:19	1

Client Sample ID: Artesia-MW31-0425
Lab Sample ID: 860-99120-9
Date Collected: 04/22/25 15:30
Matrix: Water
Date Received: 04/24/25 09:17

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			05/03/25 00:40	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			05/03/25 00:40	1
Benzene	0.000460	U	0.00100	0.000460	mg/L			05/03/25 00:40	1
Naphthalene	0.00135	U	0.0100	0.00135	mg/L			05/03/25 00:40	1
Tetrachloroethene	0.000655	U	0.00100	0.000655	mg/L			05/03/25 00:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		63 - 144		05/03/25 00:40	1
4-Bromofluorobenzene (Surr)	97		74 - 124		05/03/25 00:40	1
Dibromofluoromethane (Surr)	97		75 - 131		05/03/25 00:40	1
Toluene-d8 (Surr)	98		80 - 120		05/03/25 00:40	1

Client Sample Results

Client: Jacobs Engineering Group, Inc.
Job ID: 860-99120-1
Project/Site: Dowell - Artesia 2025 Groundwater Monitoring

Client Sample ID: Artesia-MW28-0425
Lab Sample ID: 860-99120-10
Date Collected: 04/22/25 15:05
Matrix: Water
Date Received: 04/24/25 09:17

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			05/03/25 01:00	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			05/03/25 01:00	1
Benzene	0.000460	U	0.00100	0.000460	mg/L			05/03/25 01:00	1
Naphthalene	0.00135	U	0.0100	0.00135	mg/L			05/03/25 01:00	1
Tetrachloroethene	**0.00133**		0.00100	0.000655	mg/L			05/03/25 01:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*63 - 144*		*05/03/25 01:00*	*1*
4-Bromofluorobenzene (Surr)	*96*		*74 - 124*		*05/03/25 01:00*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 131*		*05/03/25 01:00*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*05/03/25 01:00*	*1*

Client Sample ID: Artesia-MW29-0425
Lab Sample ID: 860-99120-11
Date Collected: 04/22/25 14:45
Matrix: Water
Date Received: 04/24/25 09:17

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			05/03/25 01:21	1
1,1-Dichloroethene	**0.00183**		0.00100	0.000738	mg/L			05/03/25 01:21	1
Benzene	0.000460	U	0.00100	0.000460	mg/L			05/03/25 01:21	1
Naphthalene	0.00135	U	0.0100	0.00135	mg/L			05/03/25 01:21	1
Tetrachloroethene	**0.00597**		0.00100	0.000655	mg/L			05/03/25 01:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*63 - 144*		*05/03/25 01:21*	*1*
4-Bromofluorobenzene (Surr)	*95*		*74 - 124*		*05/03/25 01:21*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 131*		*05/03/25 01:21*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*05/03/25 01:21*	*1*

Client Sample ID: Artesia-MW35-0425
Lab Sample ID: 860-99120-12
Date Collected: 04/22/25 13:50
Matrix: Water
Date Received: 04/24/25 09:17

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	**0.00760**		0.00100	0.000738	mg/L			05/03/25 01:42	1
Tetrachloroethene	**0.0100**		0.00100	0.000655	mg/L			05/03/25 01:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*63 - 144*		*05/03/25 01:42*	*1*
4-Bromofluorobenzene (Surr)	*98*		*74 - 124*		*05/03/25 01:42*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 131*		*05/03/25 01:42*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*05/03/25 01:42*	*1*

Client Sample ID: Artesia-MD35-0425
Lab Sample ID: 860-99120-13
Date Collected: 04/22/25 13:50
Matrix: Water
Date Received: 04/24/25 09:17

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	**0.00745**		0.00100	0.000738	mg/L			05/03/25 02:02	1

Client Sample Results

Client: Jacobs Engineering Group, Inc.
Job ID: 860-99120-1
Project/Site: Dowell - Artesia 2025 Groundwater Monitoring

Client Sample ID: Artesia-MD35-0425
Lab Sample ID: 860-99120-13
Date Collected: 04/22/25 13:50
Matrix: Water
Date Received: 04/24/25 09:17

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.00857		0.00100	0.000655	mg/L			05/03/25 02:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*63 - 144*		*05/03/25 02:02*	*1*
4-Bromofluorobenzene (Surr)	*96*		*74 - 124*		*05/03/25 02:02*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 131*		*05/03/25 02:02*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*05/03/25 02:02*	*1*

Client Sample ID: Artesia-MW39-0425
Lab Sample ID: 860-99120-14
Date Collected: 04/22/25 13:25
Matrix: Water
Date Received: 04/24/25 09:17

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.00541		0.00100	0.000738	mg/L			05/03/25 02:23	1
Tetrachloroethene	0.00709		0.00100	0.000655	mg/L			05/03/25 02:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*63 - 144*		*05/03/25 02:23*	*1*
4-Bromofluorobenzene (Surr)	*96*		*74 - 124*		*05/03/25 02:23*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 131*		*05/03/25 02:23*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*05/03/25 02:23*	*1*

Client Sample ID: Artesia-MW40-0425
Lab Sample ID: 860-99120-15
Date Collected: 04/22/25 12:55
Matrix: Water
Date Received: 04/24/25 09:17

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			05/03/25 02:43	1
Tetrachloroethene	0.000655	U	0.00100	0.000655	mg/L			05/03/25 02:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*63 - 144*		*05/03/25 02:43*	*1*
4-Bromofluorobenzene (Surr)	*96*		*74 - 124*		*05/03/25 02:43*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 131*		*05/03/25 02:43*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*05/03/25 02:43*	*1*

Client Sample ID: Artesia-MW30-0425
Lab Sample ID: 860-99120-16
Date Collected: 04/22/25 12:30
Matrix: Water
Date Received: 04/24/25 09:17

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			05/03/25 03:04	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			05/03/25 03:04	1
Benzene	0.000460	U	0.00100	0.000460	mg/L			05/03/25 03:04	1
Naphthalene	0.00135	U	0.0100	0.00135	mg/L			05/03/25 03:04	1
Tetrachloroethene	0.000655	U	0.00100	0.000655	mg/L			05/03/25 03:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*63 - 144*		*05/03/25 03:04*	*1*

Client Sample Results

Client: Jacobs Engineering Group, Inc.
Job ID: 860-99120-1
Project/Site: Dowell - Artesia 2025 Groundwater Monitoring

Client Sample ID: Artesia-MW30-0425
Lab Sample ID: 860-99120-16
Date Collected: 04/22/25 12:30
Matrix: Water
Date Received: 04/24/25 09:17

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*97*		*74 - 124*		*05/03/25 03:04*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 131*		*05/03/25 03:04*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*05/03/25 03:04*	*1*

Client Sample ID: Artesia-Inlet-0425
Lab Sample ID: 860-99120-17
Date Collected: 04/22/25 14:15
Matrix: Water
Date Received: 04/24/25 09:17

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			05/03/25 03:24	1
1,1-Dichloroethene	**0.00401**		0.00100	0.000738	mg/L			05/03/25 03:24	1
Benzene	0.000460	U	0.00100	0.000460	mg/L			05/03/25 03:24	1
Naphthalene	0.00135	U	0.0100	0.00135	mg/L			05/03/25 03:24	1
Tetrachloroethene	**0.00471**		0.00100	0.000655	mg/L			05/03/25 03:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*91*		*63 - 144*		*05/03/25 03:24*	*1*
4-Bromofluorobenzene (Surr)	*95*		*74 - 124*		*05/03/25 03:24*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 131*		*05/03/25 03:24*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*05/03/25 03:24*	*1*

Client Sample ID: Artesia-Mid-0425
Lab Sample ID: 860-99120-18
Date Collected: 04/22/25 14:20
Matrix: Water
Date Received: 04/24/25 09:17

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			05/03/25 03:45	1
1,1-Dichloroethene	**0.00151**		0.00100	0.000738	mg/L			05/03/25 03:45	1
Benzene	0.000460	U	0.00100	0.000460	mg/L			05/03/25 03:45	1
Naphthalene	0.00135	U	0.0100	0.00135	mg/L			05/03/25 03:45	1
Tetrachloroethene	0.000655	U	0.00100	0.000655	mg/L			05/03/25 03:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*93*		*63 - 144*		*05/03/25 03:45*	*1*
4-Bromofluorobenzene (Surr)	*101*		*74 - 124*		*05/03/25 03:45*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 131*		*05/03/25 03:45*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*05/03/25 03:45*	*1*

Client Sample ID: Artesia-Outlet-0425
Lab Sample ID: 860-99120-19
Date Collected: 04/22/25 14:25
Matrix: Water
Date Received: 04/24/25 09:17

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			05/03/25 04:05	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			05/03/25 04:05	1
Benzene	0.000460	U	0.00100	0.000460	mg/L			05/03/25 04:05	1
Naphthalene	0.00135	U	0.0100	0.00135	mg/L			05/03/25 04:05	1
Tetrachloroethene	0.000655	U	0.00100	0.000655	mg/L			05/03/25 04:05	1

Client Sample Results

Client: Jacobs Engineering Group, Inc.
Job ID: 860-99120-1
Project/Site: Dowell - Artesia 2025 Groundwater Monitoring

Client Sample ID: Artesia-Outlet-0425
Lab Sample ID: 860-99120-19

Date Collected: 04/22/25 14:25
Matrix: Water
Date Received: 04/24/25 09:17

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*63 - 144*		*05/03/25 04:05*	*1*
4-Bromofluorobenzene (Surr)	*97*		*74 - 124*		*05/03/25 04:05*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 131*		*05/03/25 04:05*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*05/03/25 04:05*	*1*

Client Sample ID: Artesia-TB01-0425
Lab Sample ID: 860-99120-20

Date Collected: 04/22/25 12:30
Matrix: Water
Date Received: 04/24/25 09:17

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			05/02/25 21:56	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			05/02/25 21:56	1
Benzene	0.000460	U	0.00100	0.000460	mg/L			05/02/25 21:56	1
Naphthalene	0.00135	U	0.0100	0.00135	mg/L			05/02/25 21:56	1
Tetrachloroethene	0.000655	U	0.00100	0.000655	mg/L			05/02/25 21:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*63 - 144*		*05/02/25 21:56*	*1*
4-Bromofluorobenzene (Surr)	*96*		*74 - 124*		*05/02/25 21:56*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 131*		*05/02/25 21:56*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*05/02/25 21:56*	*1*

Default Detection Limits

Client: Jacobs Engineering Group, Inc.
Job ID: 860-99120-1
Project/Site: Dowell - Artesia 2025 Groundwater Monitoring

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

Analyte	RL	MDL
1,1-Dichloroethane	0.00100 mg/L	0.000635 mg/L
1,1-Dichloroethene	0.00100 mg/L	0.000738 mg/L
Benzene	0.00100 mg/L	0.000460 mg/L
Naphthalene	0.0100 mg/L	0.00135 mg/L
Tetrachloroethene	0.00100 mg/L	0.000655 mg/L

Method: 300.0 - Anions, Ion Chromatography

Analyte	RL	MDL
Sulfate	0.500 mg/L	0.200 mg/L

General Chemistry

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

Surrogate Summary

Client: Jacobs Engineering Group, Inc.
Job ID: 860-99120-1
Project/Site: Dowell - Artesia 2025 Groundwater Monitoring

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)	(80-120)
860-99120-1	Artesia-MW17C-0425	93	97	96	97
860-99120-2	Artesia-MW38-0425	93	95	98	96
860-99120-2 MS	Artesia-MW38-0425	94	96	102	98
860-99120-3	Artesia-MW37-0425	94	96	99	98
860-99120-4	Artesia-MW12-0425	93	97	98	98
860-99120-5	Artesia-MD12-0425	92	98	98	97
860-99120-6	Artesia-MW36-0425	94	97	97	99
860-99120-7	Artesia-MW11-0425	131	99	110	95
860-99120-7 MS	Artesia-MW11-0425	91	108	91	97
860-99120-7 MSD	Artesia-MW11-0425	86	105	79	97
860-99120-8	Artesia-TB02-0425	93	95	96	96
860-99120-9	Artesia-MW31-0425	93	97	97	98
860-99120-10	Artesia-MW28-0425	90	96	98	96
860-99120-11	Artesia-MW29-0425	93	95	99	96
860-99120-12	Artesia-MW35-0425	93	98	99	97
860-99120-13	Artesia-MD35-0425	91	96	100	96
860-99120-14	Artesia-MW39-0425	93	96	99	96
860-99120-15	Artesia-MW40-0425	93	96	100	96
860-99120-16	Artesia-MW30-0425	93	97	99	96
860-99120-17	Artesia-Inlet-0425	91	95	99	97
860-99120-18	Artesia-Mid-0425	93	101	98	101
860-99120-19	Artesia-Outlet-0425	93	97	97	97
860-99120-20	Artesia-TB01-0425	92	96	98	97
LCS 860-233009/3	Lab Control Sample	103	103	102	100
LCS 860-233238/3	Lab Control Sample	107	99	103	97
LCSD 860-233009/4	Lab Control Sample Dup	92	105	99	101
LCSD 860-233238/4	Lab Control Sample Dup	110	99	101	98
MB 860-233009/10	Method Blank	132	100	111	96
MB 860-233238/9	Method Blank	93	98	98	97

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.
Job ID: 860-99120-1
Project/Site: Dowell - Artesia 2025 Groundwater Monitoring

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

Lab Sample ID: MB 860-233009/10
Matrix: Water
Analysis Batch: 233009

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			05/02/25 00:10	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			05/02/25 00:10	1
Benzene	0.000460	U	0.00100	0.000460	mg/L			05/02/25 00:10	1
Naphthalene	0.00135	U	0.0100	0.00135	mg/L			05/02/25 00:10	1
Tetrachloroethene	0.000655	U	0.00100	0.000655	mg/L			05/02/25 00:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*132*		*63 - 144*		*05/02/25 00:10*	*1*
4-Bromofluorobenzene (Surr)	*100*		*74 - 124*		*05/02/25 00:10*	*1*
Dibromofluoromethane (Surr)	*111*		*75 - 131*		*05/02/25 00:10*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*05/02/25 00:10*	*1*

Lab Sample ID: LCS 860-233009/3
Matrix: Water
Analysis Batch: 233009

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	0.05005		mg/L		100	71 - 130		
1,1-Dichloroethene			0.0500	0.05337		mg/L		107	50 - 150		
Benzene			0.0500	0.04890		mg/L		98	75 - 125		
Naphthalene			0.0500	0.05353		mg/L		107	70 - 130		
Tetrachloroethene			0.0500	0.05065		mg/L		101	71 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*63 - 144*
4-Bromofluorobenzene (Surr)	*103*		*74 - 124*
Dibromofluoromethane (Surr)	*102*		*75 - 131*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: LCSD 860-233009/4
Matrix: Water
Analysis Batch: 233009

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	0.05044		mg/L		101	71 - 130	1	25
1,1-Dichloroethene			0.0500	0.05285		mg/L		106	50 - 150	1	25
Benzene			0.0500	0.05053		mg/L		101	75 - 125	3	25
Naphthalene			0.0500	0.05616		mg/L		112	70 - 130	5	25
Tetrachloroethene			0.0500	0.05288		mg/L		106	71 - 125	4	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*92*		*63 - 144*
4-Bromofluorobenzene (Surr)	*105*		*74 - 124*
Dibromofluoromethane (Surr)	*99*		*75 - 131*
Toluene-d8 (Surr)	*101*		*80 - 120*

QC Sample Results

Client: Jacobs Engineering Group, Inc.
Job ID: 860-99120-1
Project/Site: Dowell - Artesia 2025 Groundwater Monitoring

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

Lab Sample ID: 860-99120-7 MS
Matrix: Water
Analysis Batch: 233009

Client Sample ID: Artesia-MW11-0425
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	0.04629		mg/L		93	72 - 125
1,1-Dichloroethene	0.000738	U	0.0500	0.04885		mg/L		98	59 - 172
Benzene	0.000460	U	0.0500	0.05056		mg/L		101	66 - 142
Naphthalene	0.00135	U	0.0500	0.05711		mg/L		114	70 - 130
Tetrachloroethene	0.000655	U	0.0500	0.04745		mg/L		95	71 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*91*		*63 - 144*
4-Bromofluorobenzene (Surr)	*108*		*74 - 124*
Dibromofluoromethane (Surr)	*91*		*75 - 131*
Toluene-d8 (Surr)	*97*		*80 - 120*

Lab Sample ID: 860-99120-7 MSD
Matrix: Water
Analysis Batch: 233009

Client Sample ID: Artesia-MW11-0425
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	0.000635	U	0.0500	0.04325		mg/L		86	72 - 125	7	25
1,1-Dichloroethene	0.000738	U	0.0500	0.04669		mg/L		93	59 - 172	5	25
Benzene	0.000460	U	0.0500	0.05064		mg/L		101	66 - 142	0	25
Naphthalene	0.00135	U	0.0500	0.05457		mg/L		109	70 - 130	5	25
Tetrachloroethene	0.000655	U	0.0500	0.04978		mg/L		100	71 - 125	5	25

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*86*		*63 - 144*
4-Bromofluorobenzene (Surr)	*105*		*74 - 124*
Dibromofluoromethane (Surr)	*79*		*75 - 131*
Toluene-d8 (Surr)	*97*		*80 - 120*

Lab Sample ID: MB 860-233238/9
Matrix: Water
Analysis Batch: 233238

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			05/02/25 21:35	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			05/02/25 21:35	1
Benzene	0.000460	U	0.00100	0.000460	mg/L			05/02/25 21:35	1
Naphthalene	0.00135	U	0.0100	0.00135	mg/L			05/02/25 21:35	1
Tetrachloroethene	0.000655	U	0.00100	0.000655	mg/L			05/02/25 21:35	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*63 - 144*		*05/02/25 21:35*	*1*
4-Bromofluorobenzene (Surr)	*98*		*74 - 124*		*05/02/25 21:35*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 131*		*05/02/25 21:35*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*05/02/25 21:35*	*1*

QC Sample Results

Client: Jacobs Engineering Group, Inc.
Job ID: 860-99120-1
Project/Site: Dowell - Artesia 2025 Groundwater Monitoring

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

Lab Sample ID: LCS 860-233238/3
Matrix: Water
Analysis Batch: 233238

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	0.04625		mg/L		92	71 - 130		
1,1-Dichloroethene			0.0500	0.04556		mg/L		91	50 - 150		
Benzene			0.0500	0.04573		mg/L		91	75 - 125		
Naphthalene			0.0500	0.04410		mg/L		88	70 - 130		
Tetrachloroethene			0.0500	0.04596		mg/L		92	71 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*107*		*63 - 144*
4-Bromofluorobenzene (Surr)	*99*		*74 - 124*
Dibromofluoromethane (Surr)	*103*		*75 - 131*
Toluene-d8 (Surr)	*97*		*80 - 120*

Lab Sample ID: LCSD 860-233238/4
Matrix: Water
Analysis Batch: 233238

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	0.04727		mg/L		95	71 - 130	2	25
1,1-Dichloroethene			0.0500	0.04584		mg/L		92	50 - 150	1	25
Benzene			0.0500	0.04715		mg/L		94	75 - 125	3	25
Naphthalene			0.0500	0.04449		mg/L		89	70 - 130	1	25
Tetrachloroethene			0.0500	0.04569		mg/L		91	71 - 125	1	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*110*		*63 - 144*
4-Bromofluorobenzene (Surr)	*99*		*74 - 124*
Dibromofluoromethane (Surr)	*101*		*75 - 131*
Toluene-d8 (Surr)	*98*		*80 - 120*

Lab Sample ID: 860-99120-2 MS
Matrix: Water
Analysis Batch: 233238

Client Sample ID: Artesia-MW38-0425
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1-Dichloroethane	0.0262		0.0500	0.07764		mg/L		103	72 - 125		
1,1-Dichloroethene	0.000738	U	0.0500	0.04942		mg/L		99	59 - 172		
Benzene	0.00132		0.0500	0.05002		mg/L		97	66 - 142		
Naphthalene	0.00135	U	0.0500	0.05247		mg/L		105	70 - 130		
Tetrachloroethene	0.000655	U	0.0500	0.05030		mg/L		101	71 - 125		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*94*		*63 - 144*
4-Bromofluorobenzene (Surr)	*96*		*74 - 124*
Dibromofluoromethane (Surr)	*102*		*75 - 131*
Toluene-d8 (Surr)	*98*		*80 - 120*

QC Sample Results

Client: Jacobs Engineering Group, Inc.
Job ID: 860-99120-1
Project/Site: Dowell - Artesia 2025 Groundwater Monitoring

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-231600/3
Matrix: Water
Analysis Batch: 231600

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	0.200	U	0.500	0.200	mg/L			04/25/25 10:58	1

Lab Sample ID: MB 860-231600/49
Matrix: Water
Analysis Batch: 231600

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	0.200	U	0.500	0.200	mg/L			04/25/25 19:11	1

Lab Sample ID: LCS 860-231600/50
Matrix: Water
Analysis Batch: 231600

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	10.0	10.34		mg/L		103	90 - 110

Lab Sample ID: LCSD 860-231600/51
Matrix: Water
Analysis Batch: 231600

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	10.0	10.54		mg/L		105	90 - 110	2	20

Lab Sample ID: LLCS 860-231600/7
Matrix: Water
Analysis Batch: 231600

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	0.2902	J	mg/L		58	50 - 150

Method: SM 5310C - TOC

Lab Sample ID: MB 860-232476/5
Matrix: Water
Analysis Batch: 232476

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			04/29/25 09:10	1

Lab Sample ID: LCS 860-232476/6
Matrix: Water
Analysis Batch: 232476

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	5.087		mg/L		102	90 - 110

QC Sample Results

Client: Jacobs Engineering Group, Inc.
Job ID: 860-99120-1
Project/Site: Dowell - Artesia 2025 Groundwater Monitoring

Method: SM 5310C - TOC (Continued)

Lab Sample ID: LCSD 860-232476/7
Matrix: Water
Analysis Batch: 232476

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	5.082		mg/L		102	90 - 110	0	15

Lab Sample ID: LLCS 860-232476/8
Matrix: Water
Analysis Batch: 232476

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	1.199		mg/L		120	50 - 150		

QC Association Summary

Client: Jacobs Engineering Group, Inc.
Job ID: 860-99120-1
Project/Site: Dowell - Artesia 2025 Groundwater Monitoring

GC/MS VOA

Analysis Batch: 233009

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-99120-7	Artesia-MW11-0425	Total/NA	Water	8260D	
MB 860-233009/10	Method Blank	Total/NA	Water	8260D	
LCS 860-233009/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 860-233009/4	Lab Control Sample Dup	Total/NA	Water	8260D	
860-99120-7 MS	Artesia-MW11-0425	Total/NA	Water	8260D	
860-99120-7 MSD	Artesia-MW11-0425	Total/NA	Water	8260D	

Analysis Batch: 233238

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-99120-1	Artesia-MW17C-0425	Total/NA	Water	8260D	
860-99120-2	Artesia-MW38-0425	Total/NA	Water	8260D	
860-99120-3	Artesia-MW37-0425	Total/NA	Water	8260D	
860-99120-4	Artesia-MW12-0425	Total/NA	Water	8260D	
860-99120-5	Artesia-MD12-0425	Total/NA	Water	8260D	
860-99120-6	Artesia-MW36-0425	Total/NA	Water	8260D	
860-99120-8	Artesia-TB02-0425	Total/NA	Water	8260D	
860-99120-9	Artesia-MW31-0425	Total/NA	Water	8260D	
860-99120-10	Artesia-MW28-0425	Total/NA	Water	8260D	
860-99120-11	Artesia-MW29-0425	Total/NA	Water	8260D	
860-99120-12	Artesia-MW35-0425	Total/NA	Water	8260D	
860-99120-13	Artesia-MD35-0425	Total/NA	Water	8260D	
860-99120-14	Artesia-MW39-0425	Total/NA	Water	8260D	
860-99120-15	Artesia-MW40-0425	Total/NA	Water	8260D	
860-99120-16	Artesia-MW30-0425	Total/NA	Water	8260D	
860-99120-17	Artesia-Inlet-0425	Total/NA	Water	8260D	
860-99120-18	Artesia-Mid-0425	Total/NA	Water	8260D	
860-99120-19	Artesia-Outlet-0425	Total/NA	Water	8260D	
860-99120-20	Artesia-TB01-0425	Total/NA	Water	8260D	
MB 860-233238/9	Method Blank	Total/NA	Water	8260D	
LCS 860-233238/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 860-233238/4	Lab Control Sample Dup	Total/NA	Water	8260D	
860-99120-2 MS	Artesia-MW38-0425	Total/NA	Water	8260D	

HPLC/IC

Analysis Batch: 231600

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-99120-1	Artesia-MW17C-0425	Total/NA	Water	300.0	
860-99120-2	Artesia-MW38-0425	Total/NA	Water	300.0	
860-99120-3	Artesia-MW37-0425	Total/NA	Water	300.0	
860-99120-4	Artesia-MW12-0425	Total/NA	Water	300.0	
860-99120-6	Artesia-MW36-0425	Total/NA	Water	300.0	
860-99120-7	Artesia-MW11-0425	Total/NA	Water	300.0	
MB 860-231600/3	Method Blank	Total/NA	Water	300.0	
MB 860-231600/49	Method Blank	Total/NA	Water	300.0	
LCS 860-231600/50	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-231600/51	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-231600/7	Lab Control Sample	Total/NA	Water	300.0	

QC Association Summary

Client: Jacobs Engineering Group, Inc.
Job ID: 860-99120-1
Project/Site: Dowell - Artesia 2025 Groundwater Monitoring

General Chemistry

Analysis Batch: 232476

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-99120-1	Artesia-MW17C-0425	Total/NA	Water	SM 5310C	
860-99120-2	Artesia-MW38-0425	Total/NA	Water	SM 5310C	
860-99120-3	Artesia-MW37-0425	Total/NA	Water	SM 5310C	
860-99120-4	Artesia-MW12-0425	Total/NA	Water	SM 5310C	
860-99120-6	Artesia-MW36-0425	Total/NA	Water	SM 5310C	
860-99120-7	Artesia-MW11-0425	Total/NA	Water	SM 5310C	
MB 860-232476/5	Method Blank	Total/NA	Water	SM 5310C	
LCS 860-232476/6	Lab Control Sample	Total/NA	Water	SM 5310C	
LCSD 860-232476/7	Lab Control Sample Dup	Total/NA	Water	SM 5310C	
LLCS 860-232476/8	Lab Control Sample	Total/NA	Water	SM 5310C	

Lab Chronicle

Client: Jacobs Engineering Group, Inc.
Job ID: 860-99120-1
Project/Site: Dowell - Artesia 2025 Groundwater Monitoring

Client Sample ID: Artesia-MW17C-0425
Lab Sample ID: 860-99120-1
Date Collected: 04/22/25 16:30
Matrix: Water
Date Received: 04/24/25 09:17

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	233238	NA	EET HOU	05/02/25 22:16
Total/NA	Analysis	300.0		10	231600	WP	EET HOU	04/26/25 00:33
Total/NA	Analysis	SM 5310C		1	232476	PSC	EET HOU	04/29/25 12:10

Client Sample ID: Artesia-MW38-0425
Lab Sample ID: 860-99120-2
Date Collected: 04/22/25 15:20
Matrix: Water
Date Received: 04/24/25 09:17

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	233238	NA	EET HOU	05/02/25 22:37
Total/NA	Analysis	300.0		10	231600	WP	EET HOU	04/26/25 01:14
Total/NA	Analysis	SM 5310C		1	232476	PSC	EET HOU	04/29/25 12:25

Client Sample ID: Artesia-MW37-0425
Lab Sample ID: 860-99120-3
Date Collected: 04/22/25 13:25
Matrix: Water
Date Received: 04/24/25 09:17

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	233238	NA	EET HOU	05/02/25 22:57
Total/NA	Analysis	300.0		1	231600	WP	EET HOU	04/26/25 01:44
Total/NA	Analysis	SM 5310C		1	232476	PSC	EET HOU	04/29/25 12:40

Client Sample ID: Artesia-MW12-0425
Lab Sample ID: 860-99120-4
Date Collected: 04/22/25 11:10
Matrix: Water
Date Received: 04/24/25 09:17

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	233238	NA	EET HOU	05/02/25 23:18
Total/NA	Analysis	300.0		10	231600	WP	EET HOU	04/26/25 02:14
Total/NA	Analysis	SM 5310C		1	232476	PSC	EET HOU	04/29/25 12:55

Client Sample ID: Artesia-MD12-0425
Lab Sample ID: 860-99120-5
Date Collected: 04/22/25 11:10
Matrix: Water
Date Received: 04/24/25 09:17

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	233238	NA	EET HOU	05/02/25 23:38

Client Sample ID: Artesia-MW36-0425
Lab Sample ID: 860-99120-6
Date Collected: 04/22/25 12:30
Matrix: Water
Date Received: 04/24/25 09:17

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	233238	NA	EET HOU	05/02/25 23:59
Total/NA	Analysis	300.0		10	231600	WP	EET HOU	04/26/25 02:34

Lab Chronicle

Client: Jacobs Engineering Group, Inc.
Job ID: 860-99120-1
Project/Site: Dowell - Artesia 2025 Groundwater Monitoring

Client Sample ID: Artesia-MW36-0425
Lab Sample ID: 860-99120-6
Date Collected: 04/22/25 12:30
Matrix: Water
Date Received: 04/24/25 09:17

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	SM 5310C		1	232476	PSC	EET HOU	04/29/25 13:09

Client Sample ID: Artesia-MW11-0425
Lab Sample ID: 860-99120-7
Date Collected: 04/22/25 14:00
Matrix: Water
Date Received: 04/24/25 09:17

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	233009	A1S	EET HOU	05/02/25 00:30
Total/NA	Analysis	300.0		10	231600	WP	EET HOU	04/26/25 03:15
Total/NA	Analysis	SM 5310C		1	232476	PSC	EET HOU	04/29/25 13:24

Client Sample ID: Artesia-TB02-0425
Lab Sample ID: 860-99120-8
Date Collected: 04/22/25 12:30
Matrix: Water
Date Received: 04/24/25 09:17

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	233238	NA	EET HOU	05/03/25 00:19

Client Sample ID: Artesia-MW31-0425
Lab Sample ID: 860-99120-9
Date Collected: 04/22/25 15:30
Matrix: Water
Date Received: 04/24/25 09:17

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	233238	NA	EET HOU	05/03/25 00:40

Client Sample ID: Artesia-MW28-0425
Lab Sample ID: 860-99120-10
Date Collected: 04/22/25 15:05
Matrix: Water
Date Received: 04/24/25 09:17

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	233238	NA	EET HOU	05/03/25 01:00

Client Sample ID: Artesia-MW29-0425
Lab Sample ID: 860-99120-11
Date Collected: 04/22/25 14:45
Matrix: Water
Date Received: 04/24/25 09:17

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	233238	NA	EET HOU	05/03/25 01:21

Client Sample ID: Artesia-MW35-0425
Lab Sample ID: 860-99120-12
Date Collected: 04/22/25 13:50
Matrix: Water
Date Received: 04/24/25 09:17

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	233238	NA	EET HOU	05/03/25 01:42

Lab Chronicle

Client: Jacobs Engineering Group, Inc.
Job ID: 860-99120-1
Project/Site: Dowell - Artesia 2025 Groundwater Monitoring

Client Sample ID: Artesia-MD35-0425
Lab Sample ID: 860-99120-13
Date Collected: 04/22/25 13:50
Matrix: Water
Date Received: 04/24/25 09:17

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	233238	NA	EET HOU	05/03/25 02:02

Client Sample ID: Artesia-MW39-0425
Lab Sample ID: 860-99120-14
Date Collected: 04/22/25 13:25
Matrix: Water
Date Received: 04/24/25 09:17

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	233238	NA	EET HOU	05/03/25 02:23

Client Sample ID: Artesia-MW40-0425
Lab Sample ID: 860-99120-15
Date Collected: 04/22/25 12:55
Matrix: Water
Date Received: 04/24/25 09:17

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	233238	NA	EET HOU	05/03/25 02:43

Client Sample ID: Artesia-MW30-0425
Lab Sample ID: 860-99120-16
Date Collected: 04/22/25 12:30
Matrix: Water
Date Received: 04/24/25 09:17

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	233238	NA	EET HOU	05/03/25 03:04

Client Sample ID: Artesia-Inlet-0425
Lab Sample ID: 860-99120-17
Date Collected: 04/22/25 14:15
Matrix: Water
Date Received: 04/24/25 09:17

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	233238	NA	EET HOU	05/03/25 03:24

Client Sample ID: Artesia-Mid-0425
Lab Sample ID: 860-99120-18
Date Collected: 04/22/25 14:20
Matrix: Water
Date Received: 04/24/25 09:17

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	233238	NA	EET HOU	05/03/25 03:45

Client Sample ID: Artesia-Outlet-0425
Lab Sample ID: 860-99120-19
Date Collected: 04/22/25 14:25
Matrix: Water
Date Received: 04/24/25 09:17

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	233238	NA	EET HOU	05/03/25 04:05

Lab Chronicle

Client: Jacobs Engineering Group, Inc.
Job ID: 860-99120-1
Project/Site: Dowell - Artesia 2025 Groundwater Monitoring

Client Sample ID: Artesia-TB01-0425
Lab Sample ID: 860-99120-20

Date Collected: 04/22/25 12:30
Matrix: Water

Date Received: 04/24/25 09:17

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	233238	NA	EET HOU	05/02/25 21:56

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: 860-99120-1
Project/Site: Dowell - Artesia 2025 Groundwater Monitoring

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	08-04-25
Florida	NELAP	E871002	06-30-25
Louisiana (All)	NELAP	03054	12-20-25
Oklahoma	NELAP	1306	08-31-25
Texas	NELAP	T104704215	07-01-26
Texas	TCEQ Water Supply	T104704215	12-28-25
USDA	US Federal Programs	525-23-79-79507	03-20-26

Method Summary

Client: Jacobs Engineering Group, Inc.
Job ID: 860-99120-1
Project/Site: Dowell - Artesia 2025 Groundwater Monitoring

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET HOU
300.0	Anions, Ion Chromatography	EPA	EET HOU
SM 5310C	TOC	SM	EET HOU
5030C	Purge and Trap	SW846	EET HOU

Protocol References:

EPA = US Environmental Protection Agency

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.

Job ID: 860-99120-1

Project/Site: Dowell - Artesia 2025 Groundwater Monitoring

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
860-99120-1	Artesia-MW17C-0425	Water	04/22/25 16:30	04/24/25 09:17
860-99120-2	Artesia-MW38-0425	Water	04/22/25 15:20	04/24/25 09:17
860-99120-3	Artesia-MW37-0425	Water	04/22/25 13:25	04/24/25 09:17
860-99120-4	Artesia-MW12-0425	Water	04/22/25 11:10	04/24/25 09:17
860-99120-5	Artesia-MD12-0425	Water	04/22/25 11:10	04/24/25 09:17
860-99120-6	Artesia-MW36-0425	Water	04/22/25 12:30	04/24/25 09:17
860-99120-7	Artesia-MW11-0425	Water	04/22/25 14:00	04/24/25 09:17
860-99120-8	Artesia-TB02-0425	Water	04/22/25 12:30	04/24/25 09:17
860-99120-9	Artesia-MW31-0425	Water	04/22/25 15:30	04/24/25 09:17
860-99120-10	Artesia-MW28-0425	Water	04/22/25 15:05	04/24/25 09:17
860-99120-11	Artesia-MW29-0425	Water	04/22/25 14:45	04/24/25 09:17
860-99120-12	Artesia-MW35-0425	Water	04/22/25 13:50	04/24/25 09:17
860-99120-13	Artesia-MD35-0425	Water	04/22/25 13:50	04/24/25 09:17
860-99120-14	Artesia-MW39-0425	Water	04/22/25 13:25	04/24/25 09:17
860-99120-15	Artesia-MW40-0425	Water	04/22/25 12:55	04/24/25 09:17
860-99120-16	Artesia-MW30-0425	Water	04/22/25 12:30	04/24/25 09:17
860-99120-17	Artesia-Inlet-0425	Water	04/22/25 14:15	04/24/25 09:17
860-99120-18	Artesia-Mid-0425	Water	04/22/25 14:20	04/24/25 09:17
860-99120-19	Artesia-Outlet-0425	Water	04/22/25 14:25	04/24/25 09:17
860-99120-20	Artesia-TB01-0425	Water	04/22/25 12:30	04/24/25 09:17

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Instrument ID: A325 Analysis Batch Number: 231384

Lab Sample ID: IC 860-231384/2 Client Sample ID:

Date Analyzed: 04/24/25 17:22 Lab File ID: A042425005.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Dichlorodifluoromethane	1.11	Peak assignment corrected	PVD5	04/24/25 20:20
Vinyl chloride	1.33	Peak assignment corrected	PVD5	04/24/25 20:20
1,3-Butadiene	1.36	Peak assignment corrected	PVD5	04/24/25 20:20
Ethylene oxide	1.56	Baseline	PVD5	04/24/25 20:21
Bromomethane	1.58	Baseline	PVD5	04/24/25 20:21
Chloroethane	1.67	Peak assignment corrected	PVD5	04/24/25 20:21
Dichlorofluoromethane	1.84	Peak assignment corrected	PVD5	04/24/25 20:21
Isopropyl alcohol	2.15	Baseline	PVD5	04/24/25 20:21
Acrolein	2.26	Baseline	PVD5	04/24/25 20:21
1,1-Dichloroethene	2.33	Peak assignment corrected	PVD5	04/24/25 20:21
1,1,2-Trichloro-1,2,2-trifluoroethane	2.35	Peak assignment corrected	PVD5	04/24/25 20:21
Iodomethane (Methyl Iodide)	2.46	Peak assignment corrected	PVD5	04/24/25 20:21
Carbon disulfide	2.50	Peak assignment corrected	PVD5	04/24/25 20:21
Methyl acetate	2.71	Peak assignment corrected	PVD5	04/24/25 20:21
tert-Butyl alcohol	2.93	Peak assignment corrected	PVD5	04/24/25 20:21
Acrylonitrile	3.01	Baseline	PVD5	04/24/25 20:21
1,1-Dichloroethane	3.37	Peak assignment corrected	PVD5	04/24/25 20:22
Isopropyl ether	3.46	Peak assignment corrected	PVD5	04/24/25 20:22
2,2-Dichloropropane	3.86	Peak assignment corrected	PVD5	04/24/25 20:22
2-Butanone	3.92	Peak assignment corrected	PVD5	04/24/25 20:22
Ethyl acetate	3.97	Baseline	PVD5	04/24/25 20:22
Bromochloromethane	4.07	Peak assignment corrected	PVD5	04/24/25 20:22
Tetrahydrofuran	4.13	Peak assignment corrected	PVD5	04/24/25 20:22
Carbon tetrachloride	4.41	Peak assignment corrected	PVD5	04/24/25 20:22
1,1-Dichloropropene	4.42	Peak assignment corrected	PVD5	04/24/25 20:22
Isobutanol	4.59	Peak assignment corrected	PVD5	04/24/25 20:22
Isopropyl acetate	4.71	Peak assignment corrected	PVD5	04/24/25 20:22
Methylcyclohexane	5.27	Baseline	PVD5	04/24/25 20:23
Ethyl acrylate	5.30	Baseline	PVD5	04/24/25 20:23

8260D

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Instrument ID: A325 Analysis Batch Number: 231384

Lab Sample ID: IC 860-231384/2 Client Sample ID:

Date Analyzed: 04/24/25 17:22 Lab File ID: A042425005.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,2-Dichloropropane	5.34	Peak assignment corrected	PVD5	04/24/25 20:23
Dibromomethane	5.44	Peak assignment corrected	PVD5	04/24/25 20:23
Bromodichloromethane	5.58	Peak assignment corrected	PVD5	04/24/25 20:23
2-Nitropropane	5.79	Peak assignment corrected	PVD5	04/24/25 20:23
2-Chloroethyl vinyl ether	5.85	Peak assignment corrected	PVD5	04/24/25 20:23
Epichlorohydrin	5.90	Peak assignment corrected	PVD5	04/24/25 20:23
cis-1,3-Dichloropropene	5.96	Peak assignment corrected	PVD5	04/24/25 20:23
trans-1,3-Dichloropropene	6.45	Peak assignment corrected	PVD5	04/24/25 20:23
Ethyl methacrylate	6.54	Peak assignment corrected	PVD5	04/24/25 20:23
1,3-Dichloropropane	6.75	Peak assignment corrected	PVD5	04/24/25 20:23
2-Hexanone	6.84	Peak assignment corrected	PVD5	04/24/25 20:23
Dibromochloromethane	6.95	Peak assignment corrected	PVD5	04/24/25 20:23
n-Butyl acetate	6.96	Baseline	PVD5	04/24/25 20:23
1,2-Dibromoethane	7.05	Peak assignment corrected	PVD5	04/24/25 20:23
1-Chlorohexane	7.47	Peak assignment corrected	PVD5	04/24/25 20:24
o-Xylene	8.07	Peak assignment corrected	PVD5	04/24/25 20:24
cis-1,4-Dichloro-2-butene	8.49	Baseline	PVD5	04/24/25 20:24
1,1,2,2-Tetrachloroethane	8.71	Peak assignment corrected	PVD5	04/24/25 20:24
1,2,3-Trichloropropane	8.75	Peak assignment corrected	PVD5	04/24/25 20:24
trans-1,4-Dichloro-2-butene	8.77	Baseline	PVD5	04/24/25 20:24
2-Chlorotoluene	8.88	Peak assignment corrected	PVD5	04/24/25 20:24
1,4-Dichlorobenzene	9.68	Peak assignment corrected	PVD5	04/24/25 20:24
Benzyl chloride	9.82	Peak assignment corrected	PVD5	04/24/25 20:24
1,2,4-Trichlorobenzene	11.61	Peak assignment corrected	PVD5	04/24/25 20:24
Hexachlorobutadiene	11.78	Peak assignment corrected	PVD5	04/24/25 20:24
Naphthalene	11.85	Peak assignment corrected	PVD5	04/24/25 20:24
1,2,3-Trichlorobenzene	12.08	Peak assignment corrected	PVD5	04/24/25 20:24
2-Methylnaphthalene	12.96	Peak assignment corrected	PVD5	04/24/25 20:24
1-Methylnaphthalene	13.14	Peak assignment corrected	PVD5	04/24/25 20:25

8260D

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Instrument ID: A325 Analysis Batch Number: 231384

Lab Sample ID: IC 860-231384/3 Client Sample ID:

Date Analyzed: 04/24/25 17:42 Lab File ID: A042425006.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Dichlorodifluoromethane	1.11	Peak assignment corrected	PVD5	04/24/25 20:25
Vinyl chloride	1.33	Baseline	PVD5	04/24/25 20:25
Bromomethane	1.57	Baseline	PVD5	04/24/25 20:25
Dichlorofluoromethane	1.85	Baseline	PVD5	04/24/25 20:25
Diethyl ether	2.15	Baseline	PVD5	04/24/25 20:26
Isopropyl alcohol	2.15	Baseline	PVD5	04/24/25 20:25
1,1,2-Trichloro-1,2,2-trifluoroethane	2.35	Peak assignment corrected	PVD5	04/24/25 20:26
Allyl Chloride (3-Chloropropene)	2.66	Peak assignment corrected	PVD5	04/24/25 20:26
Isopropyl acetate	4.71	Peak assignment corrected	PVD5	04/24/25 20:26
Methylcyclohexane	5.27	Baseline	PVD5	04/24/25 20:26
Ethyl acrylate	5.29	Peak assignment corrected	PVD5	04/24/25 20:26
1,4-Dioxane (P-Dioxane)	5.47	Baseline	PVD5	04/24/25 20:26
o-Xylene	8.07	Peak assignment corrected	PVD5	04/24/25 20:26
1,4-Dichlorobenzene	9.68	Peak assignment corrected	PVD5	04/24/25 20:27

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Instrument ID: A325 Analysis Batch Number: 231384

Lab Sample ID: IC 860-231384/4 Client Sample ID:

Date Analyzed: 04/24/25 18:03 Lab File ID: A042425007.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Vinyl chloride	1.33	Baseline	PVD5	04/24/25 20:27
1,3-Butadiene	1.36	Baseline	PVD5	04/24/25 20:27
Bromomethane	1.57	Baseline	PVD5	04/24/25 20:27
Chloroethane	1.67	Baseline	PVD5	04/24/25 20:27
Dichlorofluoromethane	1.85	Baseline	PVD5	04/24/25 20:28
Trichlorofluoromethane	1.88	Baseline	PVD5	04/24/25 20:28
Isopropyl alcohol	2.15	Peak assignment corrected	PVD5	04/24/25 20:27
1,1,2-Trichloro-1,2,2-trifluoroethane	2.35	Peak assignment corrected	PVD5	04/24/25 20:28
Allyl Chloride (3-Chloropropene)	2.66	Peak assignment corrected	PVD5	04/24/25 20:28
2,2-Dichloropropane	3.86	Peak assignment corrected	PVD5	04/24/25 20:28
Isopropyl acetate	4.71	Peak assignment corrected	PVD5	04/24/25 20:28
Methylcyclohexane	5.27	Baseline	PVD5	04/24/25 20:28
Ethyl acrylate	5.29	Baseline	PVD5	04/24/25 20:29
1,4-Dichlorobenzene	9.68	Peak assignment corrected	PVD5	04/24/25 20:29

Lab Sample ID: IC 860-231384/5 Client Sample ID:

Date Analyzed: 04/24/25 18:23 Lab File ID: A042425008.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Isopropyl alcohol	2.15	Peak assignment corrected	PVD5	04/24/25 20:29
1,1,2-Trichloro-1,2,2-trifluoroethane	2.34	Peak assignment corrected	PVD5	04/24/25 20:29
Allyl Chloride (3-Chloropropene)	2.66	Peak assignment corrected	PVD5	04/24/25 20:29
Isopropyl acetate	4.71	Peak assignment corrected	PVD5	04/24/25 20:30
Methylcyclohexane	5.26	Baseline	PVD5	04/24/25 20:30
Ethyl acrylate	5.29	Baseline	PVD5	04/24/25 20:30
o-Xylene	8.07	Peak assignment corrected	PVD5	04/24/25 20:30

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Instrument ID: A325 Analysis Batch Number: 231384

Lab Sample ID: ICIS 860-231384/6 Client Sample ID:

Date Analyzed: 04/24/25 18:44 Lab File ID: A042425009.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	2.34	Peak assignment corrected	PVD5	04/24/25 20:18
Allyl Chloride (3-Chloropropene)	2.66	Peak assignment corrected	PVD5	04/24/25 20:17
2,2-Dichloropropane	3.86	Peak assignment corrected	PVD5	04/24/25 20:17
Isopropyl acetate	4.71	Peak assignment corrected	PVD5	04/24/25 20:18
Methylcyclohexane	5.26	Baseline	PVD5	04/24/25 20:17
Ethyl acrylate	5.29	Baseline	PVD5	04/24/25 20:19
o-Xylene	8.07	Peak assignment corrected	PVD5	04/24/25 20:18

Lab Sample ID: IC 860-231384/7 Client Sample ID:

Date Analyzed: 04/24/25 19:04 Lab File ID: A042425010.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Isopropyl alcohol	2.15	Peak assignment corrected	PVD5	04/24/25 20:31
1,1,2-Trichloro-1,2,2-trifluoroethane	2.34	Peak assignment corrected	PVD5	04/24/25 20:31
Allyl Chloride (3-Chloropropene)	2.66	Peak assignment corrected	PVD5	04/24/25 20:31
2,2-Dichloropropane	3.86	Peak assignment corrected	PVD5	04/24/25 20:31
Isopropyl acetate	4.71	Peak assignment corrected	PVD5	04/24/25 20:31
Methylcyclohexane	5.26	Baseline	PVD5	04/24/25 20:31
Ethyl acrylate	5.29	Baseline	PVD5	04/24/25 20:32
o-Xylene	8.07	Peak assignment corrected	PVD5	04/24/25 20:32

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Instrument ID: A325 Analysis Batch Number: 231384

Lab Sample ID: IC 860-231384/8 Client Sample ID:

Date Analyzed: 04/24/25 19:24 Lab File ID: A042425011.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Isopropyl alcohol	2.15	Peak assignment corrected	PVD5	04/24/25 20:33
1,1,2-Trichloro-1,2,2-trifluoroethane	2.34	Peak assignment corrected	PVD5	04/24/25 20:33
Acetonitrile	2.66	Peak assignment corrected	PVD5	04/24/25 20:34
tert-Butyl alcohol	2.95	Baseline	PVD5	04/24/25 20:34
2,2-Dichloropropane	3.86	Peak assignment corrected	PVD5	04/24/25 20:34
Isopropyl acetate	4.71	Peak assignment corrected	PVD5	04/24/25 20:34
Methylcyclohexane	5.26	Baseline	PVD5	04/24/25 20:35
Ethyl acrylate	5.29	Baseline	PVD5	04/24/25 20:35
o-Xylene	8.07	Peak assignment corrected	PVD5	04/24/25 20:35

Lab Sample ID: IC 860-231384/9 Client Sample ID:

Date Analyzed: 04/24/25 19:45 Lab File ID: A042425012.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Isopropyl alcohol	2.15	Peak assignment corrected	PVD5	04/24/25 20:35
1,1,2-Trichloro-1,2,2-trifluoroethane	2.34	Peak assignment corrected	PVD5	04/24/25 20:35
Acetonitrile	2.66	Peak assignment corrected	PVD5	04/24/25 20:35
tert-Butyl alcohol	3.00	Baseline	PVD5	04/24/25 20:37
2,2-Dichloropropane	3.86	Peak assignment corrected	PVD5	04/24/25 20:35
Isopropyl acetate	4.71	Peak assignment corrected	PVD5	04/24/25 20:36
Methylcyclohexane	5.27	Baseline	PVD5	04/24/25 20:36
Ethyl acrylate	5.29	Baseline	PVD5	04/24/25 20:36
o-Xylene	8.07	Peak assignment corrected	PVD5	04/24/25 20:36

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Instrument ID: A325 Analysis Batch Number: 231384

Lab Sample ID: IC 860-231384/10 Client Sample ID:

Date Analyzed: 04/24/25 20:05 Lab File ID: A042425013.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	2.33	Peak assignment corrected	PVD5	04/24/25 20:37
Acetonitrile	2.67	Peak assignment corrected	PVD5	04/24/25 20:37
tert-Butyl alcohol	3.03	Baseline	PVD5	04/24/25 20:38
Pentafluorobenzene	4.33	Peak assignment corrected	PVD5	04/24/25 20:37
Isobutanol	4.64	Baseline	PVD5	04/24/25 20:39
2,2,4-Trimethylpentane	4.66	Peak assignment corrected	PVD5	04/24/25 20:39
Isopropyl acetate	4.71	Peak assignment corrected	PVD5	04/24/25 20:39
Methylcyclohexane	5.27	Baseline	PVD5	04/24/25 20:39
Ethyl acrylate	5.29	Baseline	PVD5	04/24/25 20:39
o-Xylene	8.07	Peak assignment corrected	PVD5	04/24/25 20:39
1,4-Dichlorobenzene-d4	9.66	Peak assignment corrected	PVD5	04/24/25 20:37

Lab Sample ID: ICV 860-231384/12 Client Sample ID:

Date Analyzed: 04/24/25 21:07 Lab File ID: A042425016.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	2.34	Peak assignment corrected	BSY7	04/25/25 09:48
Acetonitrile	2.66	Peak assignment corrected	BSY7	04/25/25 09:49
2,2-Dichloropropane	3.86	Peak assignment corrected	BSY7	04/25/25 09:54
Methylcyclohexane	5.26	Incomplete Integration	BSY7	04/25/25 09:55
Ethyl acrylate	5.29	Peak assignment corrected	BSY7	04/25/25 09:55
o-Xylene	8.07	Peak assignment corrected	BSY7	04/25/25 09:55

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Instrument ID: A325 Analysis Batch Number: 233238

Lab Sample ID: CCVIS 860-233238/2 Client Sample ID:

Date Analyzed: 05/02/25 18:51 Lab File ID: A05022534.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Isopropyl alcohol	2.15	Peak assignment corrected	T4VD	05/03/25 06:17
1,1,2-Trichloro-1,2,2-trifluoroethane	2.34	Peak assignment corrected	T4VD	05/03/25 06:17
Allyl Chloride (3-Chloropropene)	2.66	Peak assignment corrected	T4VD	05/03/25 06:17
2,2-Dichloropropane	3.86	Peak assignment corrected	T4VD	05/03/25 06:17
Methylcyclohexane	5.27	Baseline	Y6WY	05/03/25 07:27
Ethyl acrylate	5.29	Peak assignment corrected	T4VD	05/03/25 06:17
o-Xylene	8.07	Peak assignment corrected	T4VD	05/03/25 06:17

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Instrument ID: A45 Analysis Batch Number: 232019

Lab Sample ID: IC 860-232019/2 Client Sample ID:

Date Analyzed: 04/28/25 16:48 Lab File ID: A042825014.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Dichlorodifluoromethane	1.04	Peak assignment corrected	Y6WY	04/28/25 17:54
Chloroethane	1.49	Peak assignment corrected	Y6WY	04/28/25 17:55
Trichlorofluoromethane	1.66	Peak assignment corrected	Y6WY	04/28/25 17:55
1,1-Dichloroethene	2.03	Baseline	Y6WY	04/28/25 17:55
1,1,2-Trichloro-1,2,2-trifluoroethane	2.05	Baseline	Y6WY	04/28/25 17:55
Acetone	2.07	Baseline	Y6WY	04/28/25 17:55
Carbon disulfide	2.19	Peak assignment corrected	BSY7	04/29/25 13:04
Isopropyl alcohol	2.19	Peak assignment corrected	BSY7	04/29/25 13:05
Acetonitrile	2.29	Peak assignment corrected	BSY7	04/29/25 13:05
Allyl Chloride (3-Chloropropene)	2.31	Incomplete Integration	BSY7	04/29/25 13:05
Methyl acetate	2.33	Peak assignment corrected	BSY7	04/29/25 13:05
trans-1,2-Dichloroethene	2.62	Peak assignment corrected	BSY7	04/29/25 13:06
1,1-Dichloroethane	2.93	Peak assignment corrected	BSY7	04/29/25 13:06
Isopropyl ether	3.01	Peak assignment corrected	BSY7	04/29/25 13:06
2,2-Dichloropropane	3.36	Incomplete Integration	BSY7	04/29/25 13:06
2-Butanone	3.40	Incomplete Integration	BSY7	04/29/25 13:06
Ethyl acetate	3.45	Peak assignment corrected	BSY7	04/29/25 13:07
Bromochloromethane	3.54	Incomplete Integration	BSY7	04/29/25 13:07
Tetrahydrofuran	3.59	Incomplete Integration	BSY7	04/29/25 14:50
1,1,1-Trichloroethane	3.73	Peak assignment corrected	BSY7	04/29/25 13:07
n-Butanol	4.09	Peak assignment corrected	BSY7	04/29/25 13:07
Trichloroethene	4.51	Incomplete Integration	BSY7	04/29/25 13:08
Dibromomethane	4.74	Incomplete Integration	BSY7	04/29/25 13:08
1,4-Dioxane (P-Dioxane)	4.76	Incomplete Integration	BSY7	04/29/25 13:08
Bromodichloromethane	4.85	Peak assignment corrected	BSY7	04/29/25 13:08
Epichlorohydrin	5.16	Peak assignment corrected	BSY7	04/29/25 13:08
cis-1,3-Dichloropropene	5.21	Peak assignment corrected	BSY7	04/29/25 13:08
trans-1,3-Dichloropropene	5.64	Peak assignment corrected	BSY7	04/29/25 13:08
Dibromochloromethane	6.05	Peak assignment corrected	BSY7	04/29/25 13:09

8260D

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Instrument ID: A45 Analysis Batch Number: 232019

Lab Sample ID: IC 860-232019/2 Client Sample ID:

Date Analyzed: 04/28/25 16:48 Lab File ID: A042825014.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,2-Dibromoethane	6.14	Peak assignment corrected	BSY7	04/29/25 13:09
1-Chlorohexane	6.49	Incomplete Integration	BSY7	04/29/25 13:09
Styrene	7.04	Peak assignment corrected	BSY7	04/29/25 13:09
1,1,2,2-Tetrachloroethane	7.54	Peak assignment corrected	BSY7	04/29/25 13:09
2-Chlorotoluene	7.71	Peak assignment corrected	BSY7	04/29/25 13:10
1,4-Dichlorobenzene	8.38	Peak assignment corrected	BSY7	04/29/25 13:11
1,2-Dibromo-3-Chloropropane	9.31	Peak assignment corrected	BSY7	04/29/25 13:11
2-Hexanone		Peak assignment corrected	BSY7	04/29/25 13:09

Lab Sample ID: IC 860-232019/3 Client Sample ID:

Date Analyzed: 04/28/25 17:08 Lab File ID: A042825015.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Carbon disulfide	2.20	Incomplete Integration	BSY7	04/29/25 13:12
Isopropyl alcohol	2.20	Peak assignment corrected	Y6WY	04/28/25 17:29
Acetonitrile	2.29	Incomplete Integration	BSY7	04/29/25 13:12
Allyl Chloride (3-Chloropropene)	2.32	Incomplete Integration	BSY7	04/29/25 13:12
Methylene Chloride	2.40	Baseline	Y6WY	04/28/25 17:30
1,1-Dichloroethane	2.93	Peak assignment corrected	Y6WY	04/28/25 17:29
Tetrahydrofuran	3.59	Incomplete Integration	BSY7	04/29/25 14:49
Dibromofluoromethane (Surr)	3.72	Baseline	Y6WY	04/28/25 17:51
1,1,1-Trichloroethane	3.73	Peak assignment corrected	Y6WY	04/28/25 17:29
Cyclohexane	3.78	Peak assignment corrected	Y6WY	04/28/25 17:29
1,2-Dichloroethane-d4 (Surr)	3.97	Baseline	Y6WY	04/29/25 08:22
n-Butanol	4.09	Peak assignment corrected	Y6WY	04/28/25 17:29
trans-1,4-Dichloro-2-butene	7.59	Peak assignment corrected	Y6WY	04/28/25 17:30

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Instrument ID: A45 Analysis Batch Number: 232019

Lab Sample ID: IC 860-232019/4 Client Sample ID:

Date Analyzed: 04/28/25 17:29 Lab File ID: A042825016.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acrolein	1.96	Incomplete Integration	BSY7	04/29/25 13:15
1,1-Dichloroethene	2.03	Incomplete Integration	BSY7	04/29/25 13:16
Acetone	2.07	Incomplete Integration	BSY7	04/29/25 13:16
Carbon disulfide	2.19	Incomplete Integration	BSY7	04/29/25 13:16
Isopropyl alcohol	2.19	Peak assignment corrected	BSY7	04/29/25 13:16
Acetonitrile	2.27	Incomplete Integration	BSY7	04/29/25 13:17
Allyl Chloride (3-Chloropropene)	2.30	Incomplete Integration	BSY7	04/29/25 13:17
trans-1,2-Dichloroethene	2.61	Incomplete Integration	BSY7	04/29/25 13:17
Tetrahydrofuran	3.58	Peak assignment corrected	BSY7	04/29/25 14:48
1,1,1-Trichloroethane	3.73	Peak assignment corrected	BSY7	04/29/25 13:18

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Instrument ID: A45 Analysis Batch Number: 232019

Lab Sample ID: IC 860-232019/5 Client Sample ID:

Date Analyzed: 04/28/25 17:49 Lab File ID: A042825017.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Ethylene oxide	1.41	Incomplete Integration	BSY7	04/29/25 13:59
Chloroethane	1.49	Incomplete Integration	BSY7	04/29/25 13:59
Dichlorofluoromethane	1.62	Incomplete Integration	BSY7	04/29/25 14:00
Trichlorofluoromethane	1.66	Incomplete Integration	BSY7	04/29/25 14:07
Acrolein	1.95	Incomplete Integration	BSY7	04/29/25 14:07
1,1,2-Trichloro-1,2,2-trifluoroethane	2.04	Incomplete Integration	BSY7	04/29/25 14:08
1,1-Dichloroethene	2.04	Incomplete Integration	BSY7	04/29/25 14:08
Acetone	2.08	Incomplete Integration	BSY7	04/29/25 14:09
Iodomethane (Methyl Iodide)	2.14	Incomplete Integration	BSY7	04/29/25 14:09
Carbon disulfide	2.19	Incomplete Integration	BSY7	04/29/25 14:10
Acetonitrile	2.28	Peak assignment corrected	Y6WY	04/28/25 18:16
Allyl Chloride (3-Chloropropene)	2.30	Incomplete Integration	BSY7	04/29/25 14:11
trans-1,2-Dichloroethene	2.61	Incomplete Integration	BSY7	04/29/25 14:12
2,2-Dichloropropane	3.36	Peak assignment corrected	Y6WY	04/28/25 18:16
Tetrahydrofuran	3.58	Peak assignment corrected	BSY7	04/29/25 14:48
1,2-Dichloroethane-d4 (Surr)	3.96	Baseline	Y6WY	04/29/25 08:23
n-Butanol	4.09	Peak assignment corrected	Y6WY	04/28/25 18:16

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Instrument ID: A45 Analysis Batch Number: 232019

Lab Sample ID: ICIS 860-232019/6 Client Sample ID:

Date Analyzed: 04/28/25 18:10 Lab File ID: A042825018.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Propene	1.02	Baseline	Y6WY	04/28/25 18:29
Vinyl chloride	1.22	Baseline	Y6WY	04/28/25 18:29
Ethylene oxide	1.40	Baseline	Y6WY	04/28/25 18:29
Chloroethane	1.49	Baseline	Y6WY	04/28/25 18:29
Dichlorofluoromethane	1.62	Baseline	Y6WY	04/28/25 18:29
Diethyl ether	1.87	Incomplete Integration	BSY7	04/29/25 12:55
Acrolein	1.95	Baseline	Y6WY	04/28/25 18:30
1,1-Dichloroethene	2.03	Incomplete Integration	BSY7	04/29/25 12:56
1,1,2-Trichloro-1,2,2-trifluoroethane	2.04	Incomplete Integration	BSY7	04/29/25 12:57
Acetone	2.07	Baseline	Y6WY	04/28/25 18:30
Carbon disulfide	2.18	Baseline	Y6WY	04/28/25 18:30
Allyl Chloride (3-Chloropropene)	2.31	Incomplete Integration	BSY7	04/29/25 14:35
Methyl acetate	2.33	Baseline	Y6WY	04/28/25 18:31
2,2-Dichloropropane	3.36	Peak assignment corrected	Y6WY	04/28/25 18:31
2-Butanone	3.38	Incomplete Integration	BSY7	04/29/25 14:39
Tetrahydrofuran	3.58	Peak assignment corrected	BSY7	04/29/25 14:48
Dibromofluoromethane (Surr)	3.72	Baseline	Y6WY	04/29/25 08:29
Cyclohexane	3.78	Incomplete Integration	BSY7	04/29/25 13:02
1,2-Dichloroethane-d4 (Surr)	3.96	Baseline	Y6WY	04/28/25 18:29
n-Butanol	4.08	Peak assignment corrected	BSY7	04/29/25 12:59
1,4-Dioxane (P-Dioxane)	4.75	Peak assignment corrected	BSY7	04/29/25 13:00

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Instrument ID: A45 Analysis Batch Number: 232019

Lab Sample ID: IC 860-232019/7 Client Sample ID:

Date Analyzed: 04/28/25 18:30 Lab File ID: A042825019.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Propene	1.02	Peak assignment corrected	Y6WY	04/29/25 10:36
Vinyl chloride	1.22	Incomplete Integration	BSY7	04/29/25 14:16
Ethylene oxide	1.41	Incomplete Integration	BSY7	04/29/25 14:17
Acrolein	1.95	Incomplete Integration	BSY7	04/29/25 14:18
1,1-Dichloroethene	2.03	Incomplete Integration	BSY7	04/29/25 14:18
1,1,2-Trichloro-1,2,2-trifluoroethane	2.04	Incomplete Integration	BSY7	04/29/25 14:18
Carbon disulfide	2.19	Incomplete Integration	BSY7	04/29/25 14:20
Allyl Chloride (3-Chloropropene)	2.30	Incomplete Integration	BSY7	04/29/25 14:20
Methyl acetate	2.33	Incomplete Integration	BSY7	04/29/25 14:20
trans-1,2-Dichloroethene	2.61	Incomplete Integration	BSY7	04/29/25 14:21
Tetrahydrofuran	3.58	Peak assignment corrected	BSY7	04/29/25 14:51
Cyclohexane	3.77	Peak assignment corrected	BSY7	04/29/25 14:21
1,2-Dichloroethane-d4 (Surr)	3.96	Baseline	Y6WY	04/29/25 08:24
n-Butanol	4.08	Peak assignment corrected	BSY7	04/29/25 14:21

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Instrument ID: A45 Analysis Batch Number: 232019

Lab Sample ID: IC 860-232019/8 Client Sample ID:

Date Analyzed: 04/28/25 18:51 Lab File ID: A042825020.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Dichlorodifluoromethane	1.04	Incomplete Integration	BSY7	04/29/25 14:23
Ethylene oxide	1.41	Incomplete Integration	BSY7	04/29/25 14:23
Diethyl ether	1.87	Incomplete Integration	BSY7	04/29/25 14:24
Acrolein	1.95	Incomplete Integration	BSY7	04/29/25 14:24
1,1-Dichloroethene	2.03	Incomplete Integration	BSY7	04/29/25 14:24
1,1,2-Trichloro-1,2,2-trifluoroethane	2.05	Incomplete Integration	BSY7	04/29/25 14:24
Acetone	2.07	Incomplete Integration	BSY7	04/29/25 14:25
Carbon disulfide	2.19	Incomplete Integration	BSY7	04/29/25 14:34
Allyl Chloride (3-Chloropropene)	2.31	Incomplete Integration	BSY7	04/29/25 14:36
1,2-Dichloroethane-d4 (Surr)	3.96	Baseline	Y6WY	04/29/25 08:24
n-Butanol	4.08	Peak assignment corrected	BSY7	04/29/25 14:25

Lab Sample ID: IC 860-232019/9 Client Sample ID:

Date Analyzed: 04/28/25 19:11 Lab File ID: A042825021.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Ethylene oxide	1.41	Incomplete Integration	BSY7	04/29/25 14:26
Diethyl ether	1.87	Incomplete Integration	BSY7	04/29/25 14:27
Acrolein	1.95	Incomplete Integration	BSY7	04/29/25 14:27
1,1-Dichloroethene	2.03	Incomplete Integration	BSY7	04/29/25 14:27
Allyl Chloride (3-Chloropropene)	2.30	Incomplete Integration	BSY7	04/29/25 14:37
Methyl acetate	2.34	Incomplete Integration	BSY7	04/29/25 14:27
Dibromofluoromethane (Surr)	3.72	Baseline	Y6WY	04/29/25 08:29
1,2-Dichloroethane-d4 (Surr)	3.96	Baseline	Y6WY	04/29/25 08:25
n-Butanol	4.08	Peak assignment corrected	BSY7	04/29/25 14:28

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Instrument ID: A45 Analysis Batch Number: 232019

Lab Sample ID: IC 860-232019/10 Client Sample ID:

Date Analyzed: 04/28/25 19:32 Lab File ID: A042825022.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Ethylene oxide	1.40	Incomplete Integration	BSY7	04/29/25 14:29
Diethyl ether	1.87	Incomplete Integration	BSY7	04/29/25 14:29
Acrolein	1.95	Incomplete Integration	BSY7	04/29/25 14:30
1,1-Dichloroethene	2.03	Incomplete Integration	BSY7	04/29/25 14:30
1,1,2-Trichloro-1,2,2-trifluoroethane	2.04	Incomplete Integration	BSY7	04/29/25 14:30
Acetonitrile	2.28	Peak assignment corrected	BSY7	04/29/25 14:30
Allyl Chloride (3-Chloropropene)	2.30	Incomplete Integration	BSY7	04/29/25 14:37
Pentafluorobenzene	3.76	Peak assignment corrected	BSY7	04/29/25 14:29
Cyclohexane	3.78	Peak assignment corrected	BSY7	04/29/25 14:31
1,2-Dichloroethane-d4 (Surr)	3.96	Baseline	Y6WY	04/29/25 08:25
n-Butanol	4.09	Peak assignment corrected	BSY7	04/29/25 14:31

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Instrument ID: A45 Analysis Batch Number: 232019

Lab Sample ID: ICV 860-232019/13 Client Sample ID:

Date Analyzed: 04/28/25 20:33 Lab File ID: A042825025.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Ethylene oxide	1.41	Baseline	Y6WY	04/30/25 12:11
Chloroethane	1.49	Incomplete Integration	BSY7	04/29/25 15:06
Diethyl ether	1.87	Incomplete Integration	BSY7	04/29/25 15:06
1,1-Dichloroethene	2.03	Incomplete Integration	BSY7	04/29/25 15:06
1,1,2-Trichloro-1,2,2-trifluoroethane	2.05	Incomplete Integration	BSY7	04/29/25 15:07
Acetone	2.07	Incomplete Integration	BSY7	04/29/25 15:07
Carbon disulfide	2.19	Incomplete Integration	BSY7	04/29/25 15:07
Isopropyl alcohol	2.19	Peak assignment corrected	BSY7	04/29/25 15:07
Acetonitrile	2.28	Peak assignment corrected	BSY7	04/29/25 15:07
Allyl Chloride (3-Chloropropene)	2.31	Incomplete Integration	BSY7	04/29/25 15:08
Methyl acetate	2.34	Incomplete Integration	BSY7	04/29/25 15:08
tert-Butyl alcohol	2.51	Incomplete Integration	BSY7	04/29/25 15:08
n-Butanol	4.09	Peak assignment corrected	BSY7	04/29/25 15:08

8260D

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Instrument ID: A45 Analysis Batch Number: 233009

Lab Sample ID: CCVIS 860-233009/2 Client Sample ID:

Date Analyzed: 05/01/25 20:44 Lab File ID: A05012535.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Ethylene oxide	1.41	Incomplete Integration	BSY7	05/02/25 15:06
Dichlorofluoromethane	1.62	Incomplete Integration	BSY7	05/02/25 15:06
Diethyl ether	1.87	Incomplete Integration	BSY7	05/02/25 14:57
Acrolein	1.96	Incomplete Integration	BSY7	05/02/25 14:57
1,1-Dichloroethene	2.03	Incomplete Integration	BSY7	05/02/25 14:57
1,1,2-Trichloro-1,2,2-trifluoroethane	2.05	Incomplete Integration	BSY7	05/02/25 14:57
Acetone	2.08	Incomplete Integration	BSY7	05/02/25 14:57
Carbon disulfide	2.19	Incomplete Integration	BSY7	05/02/25 14:58
Allyl Chloride (3-Chloropropene)	2.31	Incomplete Integration	BSY7	05/02/25 14:58
Methyl acetate	2.33	Incomplete Integration	BSY7	05/02/25 14:58
trans-1,2-Dichloroethene	2.61	Incomplete Integration	BSY7	05/02/25 14:59
cis-1,2-Dichloroethene	3.36	Peak assignment corrected	BSY7	05/02/25 14:59
Isobutanol	3.97	Peak assignment corrected	BSY7	05/02/25 15:12
n-Butanol	4.08	Peak assignment corrected	BSY7	05/02/25 15:12

Lab Sample ID: LCS 860-233009/3 Client Sample ID:

Date Analyzed: 05/01/25 21:46 Lab File ID: A05012538.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1-Dichloroethene	2.03	Incomplete Integration	BSY7	05/02/25 15:01

Lab Sample ID: LCSD 860-233009/4 Client Sample ID:

Date Analyzed: 05/01/25 22:06 Lab File ID: A05012539.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1-Dichloroethene	2.03	Incomplete Integration	BSY7	05/02/25 15:09

8260D

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Instrument ID: A45 Analysis Batch Number: 233009

Lab Sample ID: 860-99120-7 MS Client Sample ID: Artesia-MW11-0425 MS

Date Analyzed: 05/01/25 22:27 Lab File ID: A05012540.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1-Dichloroethene	2.03	Incomplete Integration	BSY7	05/02/25 15:15

Lab Sample ID: 860-99120-7 MSD Client Sample ID: Artesia-MW11-0425 MSD

Date Analyzed: 05/01/25 22:47 Lab File ID: A05012541.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1-Dichloroethene	2.03	Incomplete Integration	BSY7	05/02/25 15:19

8260D

HPLC/IC MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Instrument ID: A263 Analysis Batch Number: 230205

Lab Sample ID: IC 860-230205/2 Client Sample ID:

Date Analyzed: 04/18/25 16:41 Lab File ID: 18_Apr_2025 16_41.d GC Column: AS-18 ID: 0.004(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloride	3.32	Baseline Smoothing	J5ME	04/21/25 10:05
Sulfate	4.72	Baseline Smoothing	J5ME	04/21/25 10:05
Bromide	5.32	Baseline Smoothing	J5ME	04/21/25 10:05

Lab Sample ID: IC 860-230205/3 Client Sample ID:

Date Analyzed: 04/18/25 16:51 Lab File ID: 18_Apr_2025 16_51.d GC Column: AS-18 ID: 0.004(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Fluoride	2.42	Baseline Smoothing	J5ME	04/21/25 10:05
Chloride	3.32	Baseline Smoothing	J5ME	04/21/25 10:05
Sulfate	4.72	Baseline Smoothing	J5ME	04/21/25 10:05
Bromide	5.32	Baseline Smoothing	J5ME	04/21/25 10:05

Lab Sample ID: IC 860-230205/4 Client Sample ID:

Date Analyzed: 04/18/25 17:01 Lab File ID: 18_Apr_2025 17_01.d GC Column: AS-18 ID: 0.004(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Fluoride	2.43	Baseline Smoothing	J5ME	04/21/25 10:08
Chloride	3.33	Baseline Smoothing	J5ME	04/21/25 10:08
Sulfate	4.73	Baseline Smoothing	J5ME	04/21/25 10:08
Bromide	5.32	Baseline Smoothing	J5ME	04/21/25 10:08

300.0

HPLC/IC MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Instrument ID: A263 Analysis Batch Number: 230205

Lab Sample ID: IC 860-230205/9 Client Sample ID:

Date Analyzed: 04/18/25 17:52 Lab File ID: 18_Apr_2025 17_52.d GC Column: AS-18 ID: 0.004(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Sulfate	4.43	Baseline Smoothing	J5ME	04/21/25 09:53
Bromide	4.92	Baseline Smoothing	J5ME	04/21/25 09:54

Lab Sample ID: IC 860-230205/10 Client Sample ID:

Date Analyzed: 04/18/25 18:02 Lab File ID: 18_Apr_2025 18_02.d GC Column: AS-18 ID: 0.004(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Sulfate	4.25	Baseline Smoothing	J5ME	04/21/25 09:52
Bromide	4.68	Baseline Smoothing	J5ME	04/21/25 09:55

300.0

HPLC/IC MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Instrument ID: A263 Analysis Batch Number: 231600

Lab Sample ID: LLCS 860-231600/7 Client Sample ID:

Date Analyzed: 04/25/25 11:38 Lab File ID: 25_Apr_2025 11_38.d GC Column: AS-18 ID: 0.004(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Sulfate	4.72	Baseline Smoothing	J5ME	04/25/25 16:03

Lab Sample ID: 860-99120-2 Client Sample ID: Artesia-MW38-0425

Date Analyzed: 04/26/25 01:14 Lab File ID: 26_Apr_2025 01_14.d GC Column: AS-18 ID: 0.004(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Sulfate	4.51	Baseline Smoothing	U9FA	04/28/25 09:17

Lab Sample ID: CCB 860-231600/95 Client Sample ID:

Date Analyzed: 04/26/25 02:55 Lab File ID: 26_Apr_2025 02_55.d GC Column: AS-18 ID: 0.004(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Sulfate		Invalid Compound ID	U9FA	04/28/25 09:18

Lab Sample ID: CCB 860-231600/99 Client Sample ID:

Date Analyzed: 04/26/25 03:35 Lab File ID: 26_Apr_2025 03_35.d GC Column: AS-18 ID: 0.004(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Sulfate		Invalid Compound ID	U9FA	04/28/25 09:19

300.0

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
VM8260GASSTD_00170	05/30/25	04/21/25	Methanol, Lot 240286	10 mL	VMGasX_00004	200 uL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Dichlorofluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.VMGasX_00004	08/31/25		Restek, Lot A0188946		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Dichlorofluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
VM8260GASSTD_00171	05/30/25	04/22/25	Methanol, Lot 240286	10 mL	VMGasX_00004	200 uL	Bromomethane	50 ug/mL
							Butadiene	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Dichlorofluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.VMGasX_00004	08/31/25		Restek, Lot A0188946		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Butadiene	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Dichlorofluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
VM8260ISSS50_00036							1,2-Dichloroethene, Total	
							1,3-Dichloropropene, Total	
							1,4-Dichloro-2-butene, Total	
							Tentatively Identified Compound	
							Trihalomethanes, Total	
							Xylenes, Total	
					VMISX_00007	250 uL	1,4-Dichlorobenzene-d4	50 ug/mL
							1,4-Difluorobenzene	50 ug/mL
							Chlorobenzene-d5	50 ug/mL
							Pentafluorobenzene	50 ug/mL
					VMSSX_00007	250 uL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene (Surr)	50 ug/mL
							BFB	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.VMISX_00007	04/30/27		Agilent, Lot 0006840621		(Purchased Reagent)		1,4-Dichlorobenzene-d4	20000 ug/mL
							1,4-Difluorobenzene	20000 ug/mL
							Chlorobenzene-d5	20000 ug/mL
							Pentafluorobenzene	20000 ug/mL
.VMSSX_00007	03/31/27		Agilent, Lot 0006837288		(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	20000 ug/mL
							4-Bromofluorobenzene (Surr)	20000 ug/mL
							BFB	20000 ug/mL
							Dibromofluoromethane (Surr)	20000 ug/mL
							Toluene-d8 (Surr)	20000 ug/mL
VM8260LCS_00085	06/19/25	04/22/25	Methanol, Lot 231906	10 mL	VMMegaMixX2s_00004	200 uL	1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							Benzene	50 ug/mL
							Naphthalene	50 ug/mL
							Tetrachloroethene	50 ug/mL
.VMMegaMixX2s_00004	08/31/25		Restek, Lot A0195252		(Purchased Reagent)		1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							Benzene	2500 ug/mL
							Naphthalene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
VM8260STD_00200	04/30/25	04/21/25	Methanol, Lot 240286	10 mL	VM12MNapX_00010	500 uL	1-Methylnaphthalene	50 ug/mL
							2-Methylnaphthalene	50 ug/mL
					VM2CEVE_X_00006	200 uL	2-Chloroethyl vinyl ether	50 ug/mL
					VM4EthylTX_00012	500 uL	4-Ethyltoluene	50 ug/mL
					VMAcroleinX_00006	125 uL	Acrolein	250 ug/mL
					VMcis14D2B_00007	500 uL	cis-1,4-Dichloro-2-butene	50 ug/mL
					VMCyclohexX_00012	1000 uL	Cyclohexanone	2500 ug/mL
					VMDicycloX_00011	500 uL	Dicyclopentadiene	50 ug/mL
					VMEpiHyWS_00004	200 uL	Epichlorohydrin	500.409 ug/mL
					VMEthyOxideX_00005	100 uL	Ethylene oxide	500 ug/mL
					VMKetonesX_00005	200 uL	2-Butanone (MEK)	250 ug/mL
							2-Hexanone	250 ug/mL
							4-Methyl-2-pentanone (MIBK)	250 ug/mL
							Acetone	250 ug/mL
					VML2/S6X_00007	200 uL	1-Chlorohexane	50 ug/mL
							2-Chloro-1,3-butadiene	50 ug/mL
							2-Nitropropane	100 ug/mL
							Benzyl chloride	50 ug/mL
							Isooctane	50 ug/mL
							Isopropyl alcohol	500 ug/mL
							Methacrylonitrile	500 ug/mL
							n-Butanol	1240 ug/mL
					VML2/S7X_00009	200 uL	Ethyl acetate	100 ug/mL
							Ethyl acrylate	50 ug/mL
							Methyl methacrylate	100 ug/mL
					VMMegaMixX_00004	200 uL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							2-Methyl-2-propanol	500 ug/mL
							3-Chloro-1-propene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromomethane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethyl ether	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isopropylbenzene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	100 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Tetrahydrofuran	100 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
					VMPolarAddX_00006	200 uL	Acetonitrile	500 ug/mL
							Isopropyl ether	50 ug/mL
							Propionitrile	500 ug/mL
							Tert-amyl methyl ether	50 ug/mL
							Tert-butyl ethyl ether	50 ug/mL
					VMPropeneX_00005	500 uL	Propene	50 ug/mL
					VMVinylAX_00009	500 uL	Vinyl acetate	250 ug/mL
.VM12MNapX_00010	01/24/32		AccuStandard, Lot 222011480		(Purchased Reagent)		1-Methylnaphthalene	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
.VM2CEVE_X_00006	02/28/27		Restek, Lot A0208368		(Purchased Reagent)		2-Chloroethyl vinyl ether	2500 ug/mL
.VM4EthylTX_00012	08/25/27		Absolute Standards, Lot 082522		(Purchased Reagent)		4-Ethyltoluene	1000 ug/mL
.VMAcroleinX_00006	09/30/25		Restek, Lot A0209476		(Purchased Reagent)		Acrolein	20000 ug/mL
.VMcis14D2B_00007	05/03/26		Absolute, Lot 050323		(Purchased Reagent)		cis-1,4-Dichloro-2-butene	1000 ug/mL
.VMCyclohexX_00012	04/30/26		Restek, Lot A0197009		(Purchased Reagent)		Cyclohexanone	25000 ug/mL
.VMDicycloX_00011	08/25/27		Absolute Standards, Lot 082522		(Purchased Reagent)		Dicyclopentadiene	1000 ug/mL
.VMEpiHyWS_00004	10/31/25	03/17/25	Methanol, Lot 60049	10 mL	VMEpichydS_00002	211.5 uL	Epichlorohydrin	25020.5 mg/L
..VMEpichydS_00002	10/31/25		Sigma-Aldrich, Lot BCCJ6472		(Purchased Reagent)		Epichlorohydrin	1.183 g/mL
.VMEthyOxideX_00005	08/31/26		Sigma-Aldrich, Lot LRAD6017		(Purchased Reagent)		Ethylene oxide	50 mg/mL
.VMKetonesX_00005	04/30/27		Restek, Lot A0210935		(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
.VML2/S6X_00007	04/30/25		Restek, Lot A0203604		(Purchased Reagent)		1-Chlorohexane	2500 ug/mL
							2-Chloro-1,3-butadiene	2500 ug/mL
							2-Nitropropane	5000 ug/mL
							Benzyl chloride	2500 ug/mL
							Isooctane	2500 ug/mL
							Isopropyl alcohol	25000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methacrylonitrile	25000 ug/mL
							n-Butanol	62000 ug/mL
.VML2/S7X_00009	01/31/26		Restek, Lot A0213624		(Purchased Reagent)		Ethyl acetate	5000 ug/mL
							Ethyl acrylate	2500 ug/mL
							Methyl methacrylate	5000 ug/mL
.VMMegaMixX_00004	04/30/26		Restek, Lot A0203458		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2500 ug/mL
							1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,1-Dichloropropene	2500 ug/mL
							1,2,3-Trichlorobenzene	2500 ug/mL
							1,2,3-Trichloropropane	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							1,3,5-Trimethylbenzene	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,3-Dichloropropane	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							1,4-Dioxane	50000 ug/mL
							2,2-Dichloropropane	2500 ug/mL
							2-Chlorotoluene	2500 ug/mL
							2-Methyl-2-propanol	25000 ug/mL
							3-Chloro-1-propene	2500 ug/mL
							4-Chlorotoluene	2500 ug/mL
							4-Isopropyltoluene	2500 ug/mL
							Acrylonitrile	25000 ug/mL
							Benzene	2500 ug/mL
							Bromobenzene	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chlorobromomethane	2500 ug/mL
							Chlorodibromomethane	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dibromomethane	2500 ug/mL
							Dichlorobromomethane	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Ethyl ether	2500 ug/mL
							Ethyl methacrylate	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Ethylene Dibromide	2500 ug/mL
							Hexachlorobutadiene	2500 ug/mL
							Hexane	2500 ug/mL
							Iodomethane	2500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							n-Butylbenzene	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							Naphthalene	2500 ug/mL
							o-Xylene	2500 ug/mL
							sec-Butylbenzene	2500 ug/mL
							Styrene	2500 ug/mL
							tert-Butylbenzene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Tetrahydrofuran	5000 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							trans-1,4-Dichloro-2-butene	2500 ug/mL
							Trichloroethene	2500 ug/mL
.VMPolarAddX_00006	04/30/26		Restek, Lot A0210249		(Purchased Reagent)		Acetonitrile	25000 ug/mL
							Isopropyl ether	2500 ug/mL
							Propionitrile	25000 ug/mL
							Tert-amyl methyl ether	2500 ug/mL
							Tert-butyl ethyl ether	2500 ug/mL
.VMPropeneX_00005	02/28/26		SPEX, Lot NSI240207450		(Purchased Reagent)		Propene	1000 ug/mL
.VMVinylAX_00009	09/30/25		Restek, Lot A0209567		(Purchased Reagent)		Vinyl acetate	5000 ug/mL
VM8260STD_00201	07/30/25	04/22/25	Methanol, Lot 240286	10 mL	VM12MNapX_00010	500 uL	1-Methylnaphthalene	50 ug/mL
							2-Methylnaphthalene	50 ug/mL
					VM2CEVE_X_00006	200 uL	2-Chloroethyl vinyl ether	50 ug/mL
					VM4EthylTX_00012	500 uL	4-Ethyltoluene	50 ug/mL
					VMAcroleinX_00006	125 uL	Acrolein	250 ug/mL
					VMcis14D2B_00007	500 uL	cis-1,4-Dichloro-2-butene	50 ug/mL
					VMCyclohexX_00012	1000 uL	Cyclohexanone	2500 ug/mL
					VMDicycloX_00011	500 uL	Dicyclopentadiene	50 ug/mL
					VMEpiHyWS_00004	200 uL	Epichlorohydrin	500.409 ug/mL
					VMEthyOxideX_00005	100 uL	Ethylene oxide	500 ug/mL
					VMKetonesX_00005	200 uL	2-Butanone (MEK)	250 ug/mL
							2-Hexanone	250 ug/mL
							4-Methyl-2-pentanone (MIBK)	250 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acetone	250 ug/mL
					VML2/S6X2s_00006	200 uL	1-Chlorohexane	50 ug/mL
							2-Chloro-1,3-butadiene	50 ug/mL
							2-Nitropropane	100 ug/mL
							Benzyl chloride	50 ug/mL
							Isooctane	50 ug/mL
							Isopropyl alcohol	500 ug/mL
							Methacrylonitrile	500 ug/mL
							n-Butanol	1260 ug/mL
					VML2/S7X_00009	200 uL	Ethyl acetate	100 ug/mL
							Ethyl acrylate	50 ug/mL
							Methyl methacrylate	100 ug/mL
							n-Butyl acetate	50 ug/mL
					VMMegaMixX_00004	200 uL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							2-Methyl-2-propanol	500 ug/mL
							3-Chloro-1-propene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromomethane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethyl ether	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutyl alcohol	1240 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	100 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Tetrahydrofuran	100 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
					VMPolarAddX_00006	200 uL	Acetonitrile	500 ug/mL
							Isopropyl ether	50 ug/mL
							Propionitrile	500 ug/mL
							Tert-amyl methyl ether	50 ug/mL
							Tert-butyl ethyl ether	50 ug/mL
					VMPropeneX_00005	500 uL	Propene	50 ug/mL
					VMVinylAX_00009	500 uL	Vinyl acetate	250 ug/mL
.VM12MNapX_00010	01/24/32	AccuStandard, Lot 222011480			(Purchased Reagent)		1-Methylnaphthalene	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
.VM2CEVE_X_00006	02/28/27	Restek, Lot A0208368			(Purchased Reagent)		2-Chloroethyl vinyl ether	2500 ug/mL
.VM4EthylTX_00012	08/25/27	Absolute Standards, Lot 082522			(Purchased Reagent)		4-Ethyltoluene	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.VMAcroleinX_00006	09/30/25		Restek, Lot A0209476		(Purchased Reagent)		Acrolein	20000 ug/mL
.VMcis14D2B_00007	05/03/26		Absolute, Lot 050323		(Purchased Reagent)		cis-1,4-Dichloro-2-butene	1000 ug/mL
.VMCyclohexX_00012	04/30/26		Restek, Lot A0197009		(Purchased Reagent)		Cyclohexanone	25000 ug/mL
.VMDicycloX_00011	08/25/27		Absolute Standards, Lot 082522		(Purchased Reagent)		Dicyclopentadiene	1000 ug/mL
.VMEpiHyWS_00004	10/31/25	03/17/25	Methanol, Lot 60049	10 mL	VMEpichydS_00002	211.5 uL	Epichlorohydrin	25020.5 mg/L
..VMEpichydS_00002	10/31/25		Sigma-Aldrich, Lot BCCJ6472		(Purchased Reagent)		Epichlorohydrin	1.183 g/mL
.VMEthyOxideX_00005	08/31/26		Sigma-Aldrich, Lot LRAD6017		(Purchased Reagent)		Ethylene oxide	50 mg/mL
.VMKetonesX_00005	04/30/27		Restek, Lot A0210935		(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
.VML2/S6X2s_00006	11/30/25		Restek, Lot A0211488		(Purchased Reagent)		1-Chlorohexane	2500 ug/mL
							2-Chloro-1,3-butadiene	2500 ug/mL
							2-Nitropropane	5000 ug/mL
							Benzyl chloride	2500 ug/mL
							Isooctane	2500 ug/mL
							Isopropyl alcohol	25000 ug/mL
							Methacrylonitrile	25000 ug/mL
							n-Butanol	63000 ug/mL
.VML2/S7X_00009	01/31/26		Restek, Lot A0213624		(Purchased Reagent)		Ethyl acetate	5000 ug/mL
							Ethyl acrylate	2500 ug/mL
							Methyl methacrylate	5000 ug/mL
							n-Butyl acetate	2500 ug/mL
.VMMegaMixX_00004	04/30/26		Restek, Lot A0203458		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2500 ug/mL
							1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,1-Dichloropropene	2500 ug/mL
							1,2,3-Trichlorobenzene	2500 ug/mL
							1,2,3-Trichloropropane	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							1,3,5-Trimethylbenzene	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,3-Dichloropropane	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							1,4-Dioxane	50000 ug/mL
							2,2-Dichloropropane	2500 ug/mL
							2-Chlorotoluene	2500 ug/mL
							2-Methyl-2-propanol	25000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							3-Chloro-1-propene	2500 ug/mL
							4-Chlorotoluene	2500 ug/mL
							4-Isopropyltoluene	2500 ug/mL
							Acrylonitrile	25000 ug/mL
							Benzene	2500 ug/mL
							Bromobenzene	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chlorobromomethane	2500 ug/mL
							Chlorodibromomethane	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dibromomethane	2500 ug/mL
							Dichlorobromomethane	2500 ug/mL
							Ethyl ether	2500 ug/mL
							Ethyl methacrylate	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Ethylene Dibromide	2500 ug/mL
							Hexachlorobutadiene	2500 ug/mL
							Hexane	2500 ug/mL
							Iodomethane	2500 ug/mL
							Isobutyl alcohol	62000 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							n-Butylbenzene	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							Naphthalene	2500 ug/mL
							o-Xylene	2500 ug/mL
							sec-Butylbenzene	2500 ug/mL
							Styrene	2500 ug/mL
							tert-Butylbenzene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Tetrahydrofuran	5000 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							trans-1,4-Dichloro-2-butene	2500 ug/mL
							Trichloroethene	2500 ug/mL
.VMPolarAddX_00006	04/30/26		Restek, Lot A0210249		(Purchased Reagent)		Acetonitrile	25000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Isopropyl ether	2500 ug/mL
							Propionitrile	25000 ug/mL
							Tert-amyl methyl ether	2500 ug/mL
							Tert-butyl ethyl ether	2500 ug/mL
.VMPropeneX_00005	02/28/26	SPEX, Lot NSI240207450			(Purchased Reagent)		Propene	1000 ug/mL
.VMVinylAX_00009	09/30/25	Restek, Lot A0209567			(Purchased Reagent)		Vinyl acetate	5000 ug/mL
VM8260STD_00203	07/30/25	04/28/25	Methanol, Lot 240286	10 mL	VMMegaMixX_00004	200 uL	1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							Benzene	50 ug/mL
							Naphthalene	50 ug/mL
							Tetrachloroethene	50 ug/mL
.VMMegaMixX_00004	04/30/26	Restek, Lot A0203458			(Purchased Reagent)		1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							Benzene	2500 ug/mL
							Naphthalene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
VMIsoProAceSw_00005	06/05/25	03/05/25	Methanol, Lot 224453	5 mL	VMIsoProAce_00001	250 uL	Isopropyl acetate	50 ug/mL
.VMIsoProAce_00001	12/07/26	Absolute, Lot 120721			(Purchased Reagent)		Isopropyl acetate	1000 ug/mL
WC-IC-P2_00009	07/30/25	CPIInternational, Lot 1404797			(Purchased Reagent)		Bromide	1000 ug/mL
							Chloride	1000 ug/mL
							Fluoride	1000 ug/mL
							Sulfate	1000 ug/mL
WC-IC-P2_00011	04/30/26	CPI, Lot 1505025			(Purchased Reagent)		Sulfate	1000 ug/mL
WC-TOC-P_00024	03/27/26	Inorganic Ventures, Lot V2-C748477			(Purchased Reagent)		Total Organic Carbon	1000 ug/mL

Method 8260D

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

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Houston Job No.: 860-99120-1

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-MW17C-0425	860-99120-1	96	93	97	97
Artesia-MW38-0425	860-99120-2	98	93	96	95
Artesia-MW37-0425	860-99120-3	99	94	98	96
Artesia-MW12-0425	860-99120-4	98	93	98	97
Artesia-MD12-0425	860-99120-5	98	92	97	98
Artesia-MW36-0425	860-99120-6	97	94	99	97
Artesia-MW11-0425	860-99120-7	110	131	95	99
Artesia-TB02-0425	860-99120-8	96	93	96	95
Artesia-MW31-0425	860-99120-9	97	93	98	97
Artesia-MW28-0425	860-99120-10	98	90	96	96
Artesia-MW29-0425	860-99120-11	99	93	96	95
Artesia-MW35-0425	860-99120-12	99	93	97	98
Artesia-MD35-0425	860-99120-13	100	91	96	96
Artesia-MW39-0425	860-99120-14	99	93	96	96
Artesia-MW40-0425	860-99120-15	100	93	96	96
Artesia-MW30-0425	860-99120-16	99	93	96	97
Artesia-Inlet-0425	860-99120-17	99	91	97	95
Artesia-Mid-0425	860-99120-18	98	93	101	101
Artesia-Outlet-0425	860-99120-19	97	93	97	97
Artesia-TB01-0425	860-99120-20	98	92	97	96
	MB 860-233009/10	111	132	96	100
	MB 860-233238/9	98	93	97	98
	LCS 860-233009/3	102	103	100	103
	LCS 860-233238/3	103	107	97	99
	LCSD 860-233009/4	99	92	101	105
	LCSD 860-233238/4	101	110	98	99
Artesia-MW38-0425 MS	860-99120-2 MS	102	94	98	96
Artesia-MW11-0425 MS	860-99120-7 MS	91	91	97	108
Artesia-MW11-0425 MSD	860-99120-7 MSD	79	86	97	105

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	75-131
DCA = 1,2-Dichloroethane-d4 (Surr)	63-144
TOL = Toluene-d8 (Surr)	80-120
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.: 860-99120-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A05012538.D

Lab ID: LCS 860-233009/3 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethane	0.0500	0.05005	100	71-130	
1,1-Dichloroethene	0.0500	0.05337	107	50-150	
Benzene	0.0500	0.04890	98	75-125	
Naphthalene	0.0500	0.05353	107	70-130	
Tetrachloroethene	0.0500	0.05065	101	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.: 860-99120-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A05022536.D

Lab ID: LCS 860-233238/3 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethane	0.0500	0.04625	92	71-130	
1,1-Dichloroethene	0.0500	0.04556	91	50-150	
Benzene	0.0500	0.04573	91	75-125	
Naphthalene	0.0500	0.04410	88	70-130	
Tetrachloroethene	0.0500	0.04596	92	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.: 860-99120-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A05012539.D

Lab ID: LCSD 860-233009/4 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	0.05044	101	1	25	71-130	
1,1-Dichloroethene	0.0500	0.05285	106	1	25	50-150	
Benzene	0.0500	0.05053	101	3	25	75-125	
Naphthalene	0.0500	0.05616	112	5	25	70-130	
Tetrachloroethene	0.0500	0.05288	106	4	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.: 860-99120-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A05022537.D

Lab ID: LCSD 860-233238/4 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	0.04727	95	2	25	71-130	
1,1-Dichloroethene	0.0500	0.04584	92	1	25	50-150	
Benzene	0.0500	0.04715	94	3	25	75-125	
Naphthalene	0.0500	0.04449	89	1	25	70-130	
Tetrachloroethene	0.0500	0.04569	91	1	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.: 860-99120-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A05022538.D

Lab ID: 860-99120-2 MS Client ID: Artesia-MW38-0425 MS

COMPOUND	SPIKE ADDED (mg/L)	SAMPLE CONCENTRATION (mg/L)	MS CONCENTRATION (mg/L)	MS % REC	QC LIMITS REC	#
1,1-Dichloroethane	0.0500	0.0262	0.07764	103	72-125	
1,1-Dichloroethene	0.0500	0.000738 U	0.04942	99	59-172	
Benzene	0.0500	0.00132	0.05002	97	66-142	
Naphthalene	0.0500	0.00135 U	0.05247	105	70-130	
Tetrachloroethene	0.0500	0.000655 U	0.05030	101	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.: 860-99120-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A05012540.D

Lab ID: 860-99120-7 MS Client ID: Artesia-MW11-0425 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	0.04629	93	72-125	
1,1-Dichloroethene	0.0500	0.000738 U	0.04885	98	59-172	
Benzene	0.0500	0.000460 U	0.05056	101	66-142	
Naphthalene	0.0500	0.00135 U	0.05711	114	70-130	
Tetrachloroethene	0.0500	0.000655 U	0.04745	95	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.: 860-99120-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A05012541.D

Lab ID: 860-99120-7 MSD Client ID: Artesia-MW11-0425 MSD

COMPOUND	SPIKE ADDED (mg/L)	MSD CONCENTRATION (mg/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1-Dichloroethane	0.0500	0.04325	86	7	25	72-125	
1,1-Dichloroethene	0.0500	0.04669	93	5	25	59-172	
Benzene	0.0500	0.05064	101	0	25	66-142	
Naphthalene	0.0500	0.05457	109	5	25	70-130	
Tetrachloroethene	0.0500	0.04978	100	5	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.: 860-99120-1

SDG No.:

Lab File ID: A05012545.D Lab Sample ID: MB 860-233009/10

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: A45 Date Analyzed: 05/02/2025 00:10

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 860-233009/3	A05012538.D	05/01/2025 21:46
	LCSD 860-233009/4	A05012539.D	05/01/2025 22:06
Artesia-MW11-0425 MS	860-99120-7 MS	A05012540.D	05/01/2025 22:27
Artesia-MW11-0425 MSD	860-99120-7 MSD	A05012541.D	05/01/2025 22:47
Artesia-MW11-0425	860-99120-7	A05012546.D	05/02/2025 00:30

FORM IV 8260D

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Lab File ID: A05022542.D Lab Sample ID: MB 860-233238/9

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: A325 Date Analyzed: 05/02/2025 21:35

GC Column: DB-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 860-233238/3	A05022536.D	05/02/2025 19:32
	LCSD 860-233238/4	A05022537.D	05/02/2025 19:53
Artesia-MW38-0425 MS	860-99120-2 MS	A05022538.D	05/02/2025 20:13
Artesia-TB01-0425	860-99120-20	A05022543.D	05/02/2025 21:56
Artesia-MW17C-0425	860-99120-1	A05022544.D	05/02/2025 22:16
Artesia-MW38-0425	860-99120-2	A05022545.D	05/02/2025 22:37
Artesia-MW37-0425	860-99120-3	A05022546.D	05/02/2025 22:57
Artesia-MW12-0425	860-99120-4	A05022547.D	05/02/2025 23:18
Artesia-MD12-0425	860-99120-5	A05022548.D	05/02/2025 23:38
Artesia-MW36-0425	860-99120-6	A05022549.D	05/02/2025 23:59
Artesia-TB02-0425	860-99120-8	A05022550.D	05/03/2025 00:19
Artesia-MW31-0425	860-99120-9	A05022551.D	05/03/2025 00:40
Artesia-MW28-0425	860-99120-10	A05022552.D	05/03/2025 01:00
Artesia-MW29-0425	860-99120-11	A05022553.D	05/03/2025 01:21
Artesia-MW35-0425	860-99120-12	A05022554.D	05/03/2025 01:42
Artesia-MD35-0425	860-99120-13	A05022555.D	05/03/2025 02:02
Artesia-MW39-0425	860-99120-14	A05022556.D	05/03/2025 02:23
Artesia-MW40-0425	860-99120-15	A05022557.D	05/03/2025 02:43
Artesia-MW30-0425	860-99120-16	A05022558.D	05/03/2025 03:04
Artesia-Inlet-0425	860-99120-17	A05022559.D	05/03/2025 03:24
Artesia-Mid-0425	860-99120-18	A05022560.D	05/03/2025 03:45
Artesia-Outlet-0425	860-99120-19	A05022561.D	05/03/2025 04:05

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Lab File ID: A042425004.D BFB Injection Date: 04/24/2025

Instrument ID: A325 BFB Injection Time: 17:01

Analysis Batch No.: 231384

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	19.4	
75	30.0 - 60.0 % of mass 95	47.1	
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	0.4	(0.5) 1
174	Greater than 50% of mass 95	88.7	
175	5.0 - 9.0 % of mass 174	6.6	(7.4) 1
176	95.0 - 101.0 % of mass 174	86.6	(97.7) 1
177	5.0 - 9.0 % of mass 176	5.6	(6.4) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 860-231384/2	A042425005.D	04/24/2025	17:22
	IC 860-231384/3	A042425006.D	04/24/2025	17:42
	IC 860-231384/4	A042425007.D	04/24/2025	18:03
	IC 860-231384/5	A042425008.D	04/24/2025	18:23
	ICIS 860-231384/6	A042425009.D	04/24/2025	18:44
	IC 860-231384/7	A042425010.D	04/24/2025	19:04
	IC 860-231384/8	A042425011.D	04/24/2025	19:24
	IC 860-231384/9	A042425012.D	04/24/2025	19:45
	IC 860-231384/10	A042425013.D	04/24/2025	20:05
	ICV 860-231384/12	A042425016.D	04/24/2025	21:07

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Lab File ID: A05022532.D BFB Injection Date: 05/02/2025

Instrument ID: A325 BFB Injection Time: 18:10

Analysis Batch No.: 233238

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	46.1	
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	0.7	(0.8) 1
174	Greater than 50% of mass 95	95.7	
175	5.0 - 9.0 % of mass 174	7.0	(7.3) 1
176	95.0 - 101.0 % of mass 174	91.7	(95.8) 1
177	5.0 - 9.0 % of mass 176	6.0	(6.5) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 860-233238/2	A05022534.D	05/02/2025	18:51
	LCS 860-233238/3	A05022536.D	05/02/2025	19:32
	LCSD 860-233238/4	A05022537.D	05/02/2025	19:53
Artesia-MW38-0425 MS	860-99120-2 MS	A05022538.D	05/02/2025	20:13
	MB 860-233238/9	A05022542.D	05/02/2025	21:35
Artesia-TB01-0425	860-99120-20	A05022543.D	05/02/2025	21:56
Artesia-MW17C-0425	860-99120-1	A05022544.D	05/02/2025	22:16
Artesia-MW38-0425	860-99120-2	A05022545.D	05/02/2025	22:37
Artesia-MW37-0425	860-99120-3	A05022546.D	05/02/2025	22:57
Artesia-MW12-0425	860-99120-4	A05022547.D	05/02/2025	23:18
Artesia-MD12-0425	860-99120-5	A05022548.D	05/02/2025	23:38
Artesia-MW36-0425	860-99120-6	A05022549.D	05/02/2025	23:59
Artesia-TB02-0425	860-99120-8	A05022550.D	05/03/2025	0:19
Artesia-MW31-0425	860-99120-9	A05022551.D	05/03/2025	0:40
Artesia-MW28-0425	860-99120-10	A05022552.D	05/03/2025	1:00
Artesia-MW29-0425	860-99120-11	A05022553.D	05/03/2025	1:21
Artesia-MW35-0425	860-99120-12	A05022554.D	05/03/2025	1:42
Artesia-MD35-0425	860-99120-13	A05022555.D	05/03/2025	2:02
Artesia-MW39-0425	860-99120-14	A05022556.D	05/03/2025	2:23
Artesia-MW40-0425	860-99120-15	A05022557.D	05/03/2025	2:43
Artesia-MW30-0425	860-99120-16	A05022558.D	05/03/2025	3:04
Artesia-Inlet-0425	860-99120-17	A05022559.D	05/03/2025	3:24
Artesia-Mid-0425	860-99120-18	A05022560.D	05/03/2025	3:45
Artesia-Outlet-0425	860-99120-19	A05022561.D	05/03/2025	4:05

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Lab File ID: A042825012.D BFB Injection Date: 04/28/2025

Instrument ID: A45 BFB Injection Time: 16:03

Analysis Batch No.: 232019

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	26.4	
75	30.0 - 60.0 % of mass 95	56.6	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.6	
173	Less than 2.0 % of mass 174	0.3	(0.4) 1
174	Greater than 50% of mass 95	77.6	
175	5.0 - 9.0 % of mass 174	5.8	(7.4) 1
176	95.0 - 101.0 % of mass 174	74.4	(95.9) 1
177	5.0 - 9.0 % of mass 176	4.7	(6.3) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 860-232019/2	A042825014.D	04/28/2025	16:48
	IC 860-232019/3	A042825015.D	04/28/2025	17:08
	IC 860-232019/4	A042825016.D	04/28/2025	17:29
	IC 860-232019/5	A042825017.D	04/28/2025	17:49
	ICIS 860-232019/6	A042825018.D	04/28/2025	18:10
	IC 860-232019/7	A042825019.D	04/28/2025	18:30
	IC 860-232019/8	A042825020.D	04/28/2025	18:51
	IC 860-232019/9	A042825021.D	04/28/2025	19:11
	IC 860-232019/10	A042825022.D	04/28/2025	19:32
	ICV 860-232019/13	A042825025.D	04/28/2025	20:33

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Lab File ID: A05012534.D BFB Injection Date: 05/01/2025

Instrument ID: A45 BFB Injection Time: 20:24

Analysis Batch No.: 233009

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	25.7	
75	30.0 - 60.0 % of mass 95	58.3	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.8	
173	Less than 2.0 % of mass 174	0.5	(0.7) 1
174	Greater than 50% of mass 95	76.3	
175	5.0 - 9.0 % of mass 174	6.0	(7.9) 1
176	95.0 - 101.0 % of mass 174	73.4	(96.2) 1
177	5.0 - 9.0 % of mass 176	4.4	(6.0) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 860-233009/2	A05012535.D	05/01/2025	20:44
	LCS 860-233009/3	A05012538.D	05/01/2025	21:46
	LCSD 860-233009/4	A05012539.D	05/01/2025	22:06
Artesia-MW11-0425 MS	860-99120-7 MS	A05012540.D	05/01/2025	22:27
Artesia-MW11-0425 MSD	860-99120-7 MSD	A05012541.D	05/01/2025	22:47
	MB 860-233009/10	A05012545.D	05/02/2025	0:10
Artesia-MW11-0425	860-99120-7	A05012546.D	05/02/2025	0:30

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Sample No.: ICIS 860-231384/6 Date Analyzed: 04/24/2025 18:44

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): A042425009.D Heated Purge: (Y/N) N

Calibration ID: 9501

		PFB		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		237055	4.33	342495	4.93	316915	7.47
UPPER LIMIT		474110	4.83	684990	5.43	633830	7.97
LOWER LIMIT		118528	3.83	171248	4.43	158458	6.97
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 860-231384/12		246459	4.33	362793	4.93	336013	7.47
CCVIS 860-233238/2		203970	4.33	292520	4.93	283370	7.47

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
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Sample No.: ICIS 860-231384/6 Date Analyzed: 04/24/2025 18:44

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): A042425009.D Heated Purge: (Y/N) N

Calibration ID: 9501

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		188749	9.66				
UPPER LIMIT		377498	10.16				
LOWER LIMIT		94375	9.16				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 860-231384/12		200468	9.66				
CCVIS 860-233238/2		173600	9.66				

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
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Sample No.: CCVIS 860-233238/2 Date Analyzed: 05/02/2025 18:51

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): A05022534.D Heated Purge: (Y/N) N

Calibration ID: 9501

		PFB		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		203970	4.33	292520	4.93	283370	7.47
UPPER LIMIT		407940	4.83	585040	5.43	566740	7.97
LOWER LIMIT		101985	3.83	146260	4.43	141685	6.97
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 860-233238/3		200234	4.33	290916	4.94	279400	7.47
LCSD 860-233238/4		208318	4.33	298255	4.93	285231	7.47
860-99120-2 MS	Artesia-MW38-0425 MS	204774	4.33	302659	4.93	287786	7.47
MB 860-233238/9		191483	4.33	279509	4.94	254395	7.47
860-99120-20	Artesia-TB01-0425	188759	4.33	276758	4.94	250747	7.47
860-99120-1	Artesia-MW17C-0425	193292	4.33	279094	4.94	256584	7.47
860-99120-2	Artesia-MW38-0425	193629	4.33	283457	4.94	262512	7.47
860-99120-3	Artesia-MW37-0425	197020	4.33	286581	4.93	258039	7.47
860-99120-4	Artesia-MW12-0425	187341	4.33	274861	4.94	246293	7.47
860-99120-5	Artesia-MD12-0425	183059	4.33	268566	4.94	243319	7.47
860-99120-6	Artesia-MW36-0425	194188	4.33	280485	4.94	253903	7.47
860-99120-8	Artesia-TB02-0425	190062	4.33	276369	4.94	252964	7.47
860-99120-9	Artesia-MW31-0425	188609	4.33	274147	4.94	248568	7.47
860-99120-10	Artesia-MW28-0425	186557	4.33	275780	4.93	250926	7.47
860-99120-11	Artesia-MW29-0425	188144	4.33	277149	4.94	253840	7.47
860-99120-12	Artesia-MW35-0425	185581	4.33	271128	4.94	246430	7.47
860-99120-13	Artesia-MD35-0425	188989	4.33	286778	4.94	262323	7.47
860-99120-14	Artesia-MW39-0425	184128	4.33	271279	4.94	252435	7.47
860-99120-15	Artesia-MW40-0425	183739	4.33	271607	4.94	250102	7.47
860-99120-16	Artesia-MW30-0425	190249	4.33	281727	4.94	259835	7.47
860-99120-17	Artesia-Inlet-0425	192695	4.33	284208	4.94	259002	7.47
860-99120-18	Artesia-Mid-0425	186003	4.33	272363	4.94	238882	7.47
860-99120-19	Artesia-Outlet-0425	182862	4.33	268748	4.94	245461	7.47

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
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Sample No.: CCVIS 860-233238/2 Date Analyzed: 05/02/2025 18:51

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): A05022534.D Heated Purge: (Y/N) N

Calibration ID: 9501

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		173600	9.66				
UPPER LIMIT		347200	10.16				
LOWER LIMIT		86800	9.16				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 860-233238/3		171736	9.66				
LCSD 860-233238/4		176544	9.66				
860-99120-2 MS	Artesia-MW38-0425 MS	177691	9.66				
MB 860-233238/9		137182	9.66				
860-99120-20	Artesia-TB01-0425	143314	9.66				
860-99120-1	Artesia-MW17C-0425	140992	9.66				
860-99120-2	Artesia-MW38-0425	149287	9.66				
860-99120-3	Artesia-MW37-0425	143060	9.66				
860-99120-4	Artesia-MW12-0425	134192	9.66				
860-99120-5	Artesia-MD12-0425	133503	9.66				
860-99120-6	Artesia-MW36-0425	138248	9.66				
860-99120-8	Artesia-TB02-0425	142335	9.66				
860-99120-9	Artesia-MW31-0425	136307	9.66				
860-99120-10	Artesia-MW28-0425	138517	9.66				
860-99120-11	Artesia-MW29-0425	144229	9.66				
860-99120-12	Artesia-MW35-0425	139640	9.66				
860-99120-13	Artesia-MD35-0425	147324	9.66				
860-99120-14	Artesia-MW39-0425	143215	9.66				
860-99120-15	Artesia-MW40-0425	137418	9.66				
860-99120-16	Artesia-MW30-0425	144241	9.66				
860-99120-17	Artesia-Inlet-0425	145466	9.66				
860-99120-18	Artesia-Mid-0425	122460	9.66				
860-99120-19	Artesia-Outlet-0425	138211	9.66				

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
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Sample No.: ICIS 860-232019/6 Date Analyzed: 04/28/2025 18:10

Instrument ID: A45 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): A042825018.D Heated Purge: (Y/N) N

Calibration ID: 9508

		PFB		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		251382	3.76	318612	4.30	314098	6.49
UPPER LIMIT		502764	4.26	637224	4.80	628196	6.99
LOWER LIMIT		125691	3.26	159306	3.80	157049	5.99
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCVIS 860-233009/2		212798	3.77	248459	4.30	275898	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
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Sample No.: ICIS 860-232019/6 Date Analyzed: 04/28/2025 18:10

Instrument ID: A45 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): A042825018.D Heated Purge: (Y/N) N

Calibration ID: 9508

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		152891	8.35				
UPPER LIMIT		305782	8.85				
LOWER LIMIT		76446	7.85				
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCVIS 860-233009/2		131341	8.35				

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
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Sample No.: CCVIS 860-233009/2 Date Analyzed: 05/01/2025 20:44

Instrument ID: A45 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): A05012535.D Heated Purge: (Y/N) N

Calibration ID: 9508

		PFB		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		212798	3.77	248459	4.30	275898	6.49
UPPER LIMIT		425596	4.27	496918	4.80	551796	6.99
LOWER LIMIT		106399	3.27	124230	3.80	137949	5.99
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 860-233009/3		243184	3.77	302142	4.30	291278	6.49
LCSD 860-233009/4		267365	3.77	324497	4.30	310038	6.49
860-99120-7 MS	Artesia-MW11-0425 MS	223268	3.77	263422	4.30	297680	6.49
860-99120-7 MSD	Artesia-MW11-0425 MSD	223439	3.77	258079	4.30	292793	6.49
MB 860-233009/10		192980	3.77	209730	4.30	231146	6.49
860-99120-7	Artesia-MW11-0425	163872	3.77	178320	4.30	204751	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
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Sample No.: CCVIS 860-233009/2 Date Analyzed: 05/01/2025 20:44

Instrument ID: A45 GC Column: DB-624 ID: 0.25(mm)

Lab File ID (Standard): A05012535.D Heated Purge: (Y/N) N

Calibration ID: 9508

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		131341	8.35				
UPPER LIMIT		262682	8.85				
LOWER LIMIT		65671	7.85				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 860-233009/3		132000	8.35				
LCSD 860-233009/4		141294	8.35				
860-99120-7 MS	Artesia-MW11-0425 MS	137012	8.35				
860-99120-7 MSD	Artesia-MW11-0425 MSD	136379	8.35				
MB 860-233009/10		97540	8.35				
860-99120-7	Artesia-MW11-0425	89614	8.35				

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 I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Client Sample ID: Artesia-MW17C-0425 Lab Sample ID: 860-99120-1

Matrix: Water Lab File ID: A05022544.D

Analysis Method: 8260D Date Collected: 04/22/2025 16:30

Sample wt/vol: 5(mL) Date Analyzed: 05/02/2025 22:16

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.: 233238 Units: mg/L

Preparation Batch No.: Instrument ID: A325

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	0.000460	U	0.00100	0.000460
91-20-3	Naphthalene	0.00135	U	0.0100	0.00135
127-18-4	Tetrachloroethene	0.000655	U	0.00100	0.000655

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		63-144
460-00-4	4-Bromofluorobenzene (Surr)	97		74-124
1868-53-7	Dibromofluoromethane (Surr)	96		75-131
2037-26-5	Toluene-d8 (Surr)	97		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Client Sample ID: Artesia-MW38-0425 Lab Sample ID: 860-99120-2

Matrix: Water Lab File ID: A05022545.D

Analysis Method: 8260D Date Collected: 04/22/2025 15:20

Sample wt/vol: 5(mL) Date Analyzed: 05/02/2025 22:37

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.: 233238 Units: mg/L

Preparation Batch No.: Instrument ID: A325

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.0262		0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.000738	U	0.00100	0.000738
71-43-2	Benzene	0.00132		0.00100	0.000460
91-20-3	Naphthalene	0.00135	U	0.0100	0.00135
127-18-4	Tetrachloroethene	0.000655	U	0.00100	0.000655

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		63-144
460-00-4	4-Bromofluorobenzene (Surr)	95		74-124
1868-53-7	Dibromofluoromethane (Surr)	98		75-131
2037-26-5	Toluene-d8 (Surr)	96		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Client Sample ID: Artesia-MW37-0425 Lab Sample ID: 860-99120-3

Matrix: Water Lab File ID: A05022546.D

Analysis Method: 8260D Date Collected: 04/22/2025 13:25

Sample wt/vol: 5(mL) Date Analyzed: 05/02/2025 22:57

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: 2.0

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 233238 Units: mg/L

Preparation Batch No.: Instrument ID: A325

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.00240		0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.000738	U	0.00100	0.000738
71-43-2	Benzene	0.00662		0.00100	0.000460
91-20-3	Naphthalene	0.0315		0.0100	0.00135
127-18-4	Tetrachloroethene	0.00134		0.00100	0.000655

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		63-144
460-00-4	4-Bromofluorobenzene (Surr)	96		74-124
1868-53-7	Dibromofluoromethane (Surr)	99		75-131
2037-26-5	Toluene-d8 (Surr)	98		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Client Sample ID: Artesia-MW12-0425 Lab Sample ID: 860-99120-4

Matrix: Water Lab File ID: A05022547.D

Analysis Method: 8260D Date Collected: 04/22/2025 11:10

Sample wt/vol: 5(mL) Date Analyzed: 05/02/2025 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.: 233238 Units: mg/L

Preparation Batch No.: Instrument ID: A325

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.00863		0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.000738	U	0.00100	0.000738
71-43-2	Benzene	0.000460	U	0.00100	0.000460
91-20-3	Naphthalene	0.00135	U	0.0100	0.00135
127-18-4	Tetrachloroethene	0.000655	U	0.00100	0.000655

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		63-144
460-00-4	4-Bromofluorobenzene (Surr)	97		74-124
1868-53-7	Dibromofluoromethane (Surr)	98		75-131
2037-26-5	Toluene-d8 (Surr)	98		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Client Sample ID: Artesia-MD12-0425 Lab Sample ID: 860-99120-5

Matrix: Water Lab File ID: A05022548.D

Analysis Method: 8260D Date Collected: 04/22/2025 11:10

Sample wt/vol: 5(mL) Date Analyzed: 05/02/2025 23:38

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.: 233238 Units: mg/L

Preparation Batch No.: Instrument ID: A325

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.00849		0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.000738	U	0.00100	0.000738
71-43-2	Benzene	0.000460	U	0.00100	0.000460
91-20-3	Naphthalene	0.00135	U	0.0100	0.00135
127-18-4	Tetrachloroethene	0.000655	U	0.00100	0.000655

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		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		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Client Sample ID: Artesia-MW36-0425 Lab Sample ID: 860-99120-6

Matrix: Water Lab File ID: A05022549.D

Analysis Method: 8260D Date Collected: 04/22/2025 12:30

Sample wt/vol: 5(mL) Date Analyzed: 05/02/2025 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.: 233238 Units: mg/L

Preparation Batch No.: Instrument ID: A325

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.00462		0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.000738	U	0.00100	0.000738
71-43-2	Benzene	0.00104		0.00100	0.000460
91-20-3	Naphthalene	0.00135	U	0.0100	0.00135
127-18-4	Tetrachloroethene	0.000655	U	0.00100	0.000655

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		63-144
460-00-4	4-Bromofluorobenzene (Surr)	97		74-124
1868-53-7	Dibromofluoromethane (Surr)	97		75-131
2037-26-5	Toluene-d8 (Surr)	99		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Client Sample ID: Artesia-MW11-0425 Lab Sample ID: 860-99120-7

Matrix: Water Lab File ID: A05012546.D

Analysis Method: 8260D Date Collected: 04/22/2025 14:00

Sample wt/vol: 5(mL) Date Analyzed: 05/02/2025 00:30

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.: 233009 Units: mg/L

Preparation Batch No.: Instrument ID: A45

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	0.000460	U	0.00100	0.000460
91-20-3	Naphthalene	0.00135	U	0.0100	0.00135
127-18-4	Tetrachloroethene	0.000655	U	0.00100	0.000655

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	131		63-144
460-00-4	4-Bromofluorobenzene (Surr)	99		74-124
1868-53-7	Dibromofluoromethane (Surr)	110		75-131
2037-26-5	Toluene-d8 (Surr)	95		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Client Sample ID: Artesia-TB02-0425 Lab Sample ID: 860-99120-8

Matrix: Water Lab File ID: A05022550.D

Analysis Method: 8260D Date Collected: 04/22/2025 12:30

Sample wt/vol: 5(mL) Date Analyzed: 05/03/2025 00:19

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.: 233238 Units: mg/L

Preparation Batch No.: Instrument ID: A325

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	0.000460	U	0.00100	0.000460
91-20-3	Naphthalene	0.00135	U	0.0100	0.00135
127-18-4	Tetrachloroethene	0.000655	U	0.00100	0.000655

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		63-144
460-00-4	4-Bromofluorobenzene (Surr)	95		74-124
1868-53-7	Dibromofluoromethane (Surr)	96		75-131
2037-26-5	Toluene-d8 (Surr)	96		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Client Sample ID: Artesia-MW31-0425 Lab Sample ID: 860-99120-9

Matrix: Water Lab File ID: A05022551.D

Analysis Method: 8260D Date Collected: 04/22/2025 15:30

Sample wt/vol: 5(mL) Date Analyzed: 05/03/2025 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.: 233238 Units: mg/L

Preparation Batch No.: Instrument ID: A325

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	0.000460	U	0.00100	0.000460
91-20-3	Naphthalene	0.00135	U	0.0100	0.00135
127-18-4	Tetrachloroethene	0.000655	U	0.00100	0.000655

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		63-144
460-00-4	4-Bromofluorobenzene (Surr)	97		74-124
1868-53-7	Dibromofluoromethane (Surr)	97		75-131
2037-26-5	Toluene-d8 (Surr)	98		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Client Sample ID: Artesia-MW28-0425 Lab Sample ID: 860-99120-10

Matrix: Water Lab File ID: A05022552.D

Analysis Method: 8260D Date Collected: 04/22/2025 15:05

Sample wt/vol: 5(mL) Date Analyzed: 05/03/2025 01:00

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.: 233238 Units: mg/L

Preparation Batch No.: Instrument ID: A325

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	0.000460	U	0.00100	0.000460
91-20-3	Naphthalene	0.00135	U	0.0100	0.00135
127-18-4	Tetrachloroethene	0.00133		0.00100	0.000655

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		63-144
460-00-4	4-Bromofluorobenzene (Surr)	96		74-124
1868-53-7	Dibromofluoromethane (Surr)	98		75-131
2037-26-5	Toluene-d8 (Surr)	96		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Client Sample ID: Artesia-MW29-0425 Lab Sample ID: 860-99120-11

Matrix: Water Lab File ID: A05022553.D

Analysis Method: 8260D Date Collected: 04/22/2025 14:45

Sample wt/vol: 5(mL) Date Analyzed: 05/03/2025 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.: 233238 Units: mg/L

Preparation Batch No.: Instrument ID: A325

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	0.00183		0.00100	0.000738
71-43-2	Benzene	0.000460	U	0.00100	0.000460
91-20-3	Naphthalene	0.00135	U	0.0100	0.00135
127-18-4	Tetrachloroethene	0.00597		0.00100	0.000655

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		63-144
460-00-4	4-Bromofluorobenzene (Surr)	95		74-124
1868-53-7	Dibromofluoromethane (Surr)	99		75-131
2037-26-5	Toluene-d8 (Surr)	96		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Client Sample ID: Artesia-MW35-0425 Lab Sample ID: 860-99120-12

Matrix: Water Lab File ID: A05022554.D

Analysis Method: 8260D Date Collected: 04/22/2025 13:50

Sample wt/vol: 5(mL) Date Analyzed: 05/03/2025 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.: 233238 Units: mg/L

Preparation Batch No.: Instrument ID: A325

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.00760		0.00100	0.000738
127-18-4	Tetrachloroethene	0.0100		0.00100	0.000655

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		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)	97		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Client Sample ID: Artesia-MD35-0425 Lab Sample ID: 860-99120-13

Matrix: Water Lab File ID: A05022555.D

Analysis Method: 8260D Date Collected: 04/22/2025 13:50

Sample wt/vol: 5(mL) Date Analyzed: 05/03/2025 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.: 233238 Units: mg/L

Preparation Batch No.: Instrument ID: A325

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.00745		0.00100	0.000738
127-18-4	Tetrachloroethene	0.00857		0.00100	0.000655

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		63-144
460-00-4	4-Bromofluorobenzene (Surr)	96		74-124
1868-53-7	Dibromofluoromethane (Surr)	100		75-131
2037-26-5	Toluene-d8 (Surr)	96		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Client Sample ID: Artesia-MW39-0425 Lab Sample ID: 860-99120-14

Matrix: Water Lab File ID: A05022556.D

Analysis Method: 8260D Date Collected: 04/22/2025 13:25

Sample wt/vol: 5(mL) Date Analyzed: 05/03/2025 02:23

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.: 233238 Units: mg/L

Preparation Batch No.: Instrument ID: A325

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.00541		0.00100	0.000738
127-18-4	Tetrachloroethene	0.00709		0.00100	0.000655

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		63-144
460-00-4	4-Bromofluorobenzene (Surr)	96		74-124
1868-53-7	Dibromofluoromethane (Surr)	99		75-131
2037-26-5	Toluene-d8 (Surr)	96		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Client Sample ID: Artesia-MW40-0425 Lab Sample ID: 860-99120-15

Matrix: Water Lab File ID: A05022557.D

Analysis Method: 8260D Date Collected: 04/22/2025 12:55

Sample wt/vol: 5(mL) Date Analyzed: 05/03/2025 02:43

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.: 233238 Units: mg/L

Preparation Batch No.: Instrument ID: A325

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	0.000655	U	0.00100	0.000655

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		63-144
460-00-4	4-Bromofluorobenzene (Surr)	96		74-124
1868-53-7	Dibromofluoromethane (Surr)	100		75-131
2037-26-5	Toluene-d8 (Surr)	96		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Client Sample ID: Artesia-MW30-0425 Lab Sample ID: 860-99120-16

Matrix: Water Lab File ID: A05022558.D

Analysis Method: 8260D Date Collected: 04/22/2025 12:30

Sample wt/vol: 5(mL) Date Analyzed: 05/03/2025 03:04

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.: 233238 Units: mg/L

Preparation Batch No.: Instrument ID: A325

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	0.000460	U	0.00100	0.000460
91-20-3	Naphthalene	0.00135	U	0.0100	0.00135
127-18-4	Tetrachloroethene	0.000655	U	0.00100	0.000655

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		63-144
460-00-4	4-Bromofluorobenzene (Surr)	97		74-124
1868-53-7	Dibromofluoromethane (Surr)	99		75-131
2037-26-5	Toluene-d8 (Surr)	96		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Client Sample ID: Artesia-Inlet-0425 Lab Sample ID: 860-99120-17

Matrix: Water Lab File ID: A05022559.D

Analysis Method: 8260D Date Collected: 04/22/2025 14:15

Sample wt/vol: 5(mL) Date Analyzed: 05/03/2025 03:24

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.: 233238 Units: mg/L

Preparation Batch No.: Instrument ID: A325

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	0.00401		0.00100	0.000738
71-43-2	Benzene	0.000460	U	0.00100	0.000460
91-20-3	Naphthalene	0.00135	U	0.0100	0.00135
127-18-4	Tetrachloroethene	0.00471		0.00100	0.000655

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		63-144
460-00-4	4-Bromofluorobenzene (Surr)	95		74-124
1868-53-7	Dibromofluoromethane (Surr)	99		75-131
2037-26-5	Toluene-d8 (Surr)	97		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Client Sample ID: Artesia-Mid-0425 Lab Sample ID: 860-99120-18

Matrix: Water Lab File ID: A05022560.D

Analysis Method: 8260D Date Collected: 04/22/2025 14:20

Sample wt/vol: 5(mL) Date Analyzed: 05/03/2025 03:45

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.: 233238 Units: mg/L

Preparation Batch No.: Instrument ID: A325

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	0.00151		0.00100	0.000738
71-43-2	Benzene	0.000460	U	0.00100	0.000460
91-20-3	Naphthalene	0.00135	U	0.0100	0.00135
127-18-4	Tetrachloroethene	0.000655	U	0.00100	0.000655

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		63-144
460-00-4	4-Bromofluorobenzene (Surr)	101		74-124
1868-53-7	Dibromofluoromethane (Surr)	98		75-131
2037-26-5	Toluene-d8 (Surr)	101		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Client Sample ID: Artesia-Outlet-0425 Lab Sample ID: 860-99120-19

Matrix: Water Lab File ID: A05022561.D

Analysis Method: 8260D Date Collected: 04/22/2025 14:25

Sample wt/vol: 5(mL) Date Analyzed: 05/03/2025 04:05

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.: 233238 Units: mg/L

Preparation Batch No.: Instrument ID: A325

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	0.000460	U	0.00100	0.000460
91-20-3	Naphthalene	0.00135	U	0.0100	0.00135
127-18-4	Tetrachloroethene	0.000655	U	0.00100	0.000655

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		63-144
460-00-4	4-Bromofluorobenzene (Surr)	97		74-124
1868-53-7	Dibromofluoromethane (Surr)	97		75-131
2037-26-5	Toluene-d8 (Surr)	97		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Client Sample ID: Artesia-TB01-0425 Lab Sample ID: 860-99120-20

Matrix: Water Lab File ID: A05022543.D

Analysis Method: 8260D Date Collected: 04/22/2025 12:30

Sample wt/vol: 5(mL) Date Analyzed: 05/02/2025 21:56

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.: 233238 Units: mg/L

Preparation Batch No.: Instrument ID: A325

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	0.000460	U	0.00100	0.000460
91-20-3	Naphthalene	0.00135	U	0.0100	0.00135
127-18-4	Tetrachloroethene	0.000655	U	0.00100	0.000655

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		63-144
460-00-4	4-Bromofluorobenzene (Surr)	96		74-124
1868-53-7	Dibromofluoromethane (Surr)	98		75-131
2037-26-5	Toluene-d8 (Surr)	97		80-120

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Houston Job No.: 860-99120-1 Analy Batch No.: 231384

SDG No.:

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/24/2025 17:22 Calibration End Date: 04/24/2025 20:05 Calibration ID: 9501

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-231384/2	A042425005.D
Level 2	IC 860-231384/3	A042425006.D
Level 3	IC 860-231384/4	A042425007.D
Level 4	IC 860-231384/5	A042425008.D
Level 5	ICIS 860-231384/6	A042425009.D
Level 6	IC 860-231384/7	A042425010.D
Level 7	IC 860-231384/8	A042425011.D
Level 8	IC 860-231384/9	A042425012.D
Level 9	IC 860-231384/10	A042425013.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Propene	+++++ 0.1185	0.2153 0.1142	0.1587 0.1171	0.1628 0.1048	0.1496	Qua	0.6027	0.1272	-0.000123			17.8			0.9940		0.9900
Dichlorodifluoromethane	0.1352 0.3135	0.3145 0.3218	0.3342 0.3192	0.3417 0.3031	0.3628	Lin1	-0.092	0.3194				13.1			0.9970		0.9950
Chloromethane	0.5555 0.6738	0.7636 0.6866	0.7123 0.7079	0.6900 0.7100	0.7258	Ave		0.6917				8.3		20.0			
Vinyl chloride	0.2399 0.4853	0.4897 0.5129	0.4941 0.5192	0.5017 0.5055	0.5266	Ave		0.4750				18.8		20.0			
1,3-Butadiene	0.1998 0.4468	0.4355 0.4644	0.4354 0.4335	0.4418 0.4228	0.4848	Lin1	-0.160	0.4432				8.8			0.9980		0.9950
Ethylene oxide	+++++ 0.0475	0.0868 0.0465	0.0642 0.0471	0.0777 0.0445	0.0598	Qua	3.6821	0.0475	-0.000002			41.2			0.9930		0.9900
Bromomethane	0.2036 0.2934	0.3231 0.3018	0.2981 0.3192	0.2913 0.3134	0.3118	Ave		0.2951				12.2		20.0			
Chloroethane	+++++ 0.2671	0.3018 0.2514	0.3151 0.2138	0.3102 0.2095	0.3316	Ave		0.2751				17.1		20.0			
Dichlorofluoromethane	0.6322 0.8732	0.9133 0.9026	0.9037 0.9192	0.8815 0.9018	0.9054	Ave		0.8703				10.4		20.0			
Trichlorofluoromethane	0.3498 0.6795	0.6547 0.7022	0.6630 0.6699	0.6953 0.6550	0.7050	Ave		0.6416				17.3		20.0			
Isopropyl alcohol	0.0283 0.0308	0.0317 0.0288	0.0291 0.0303	0.0307 0.0306	0.0303	Ave		0.0301				3.6		20.0			
Diethyl ether	0.2963 0.3941	0.4017 0.3925	0.3832 0.4115	0.4217 0.4079	0.4074	Ave		0.3907				9.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Houston Job No.: 860-99120-1 Analy Batch No.: 231384

SDG No.:

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/24/2025 17:22 Calibration End Date: 04/24/2025 20:05 Calibration ID: 9501

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Acrolein	0.0669 0.0532	0.0545 0.0531	0.0555 0.0588	0.0577 0.0530	0.0562	Ave		0.0565				7.8		20.0			
1,1-Dichloroethene	0.4831 0.7288	0.6813 0.7407	0.6712 0.7885	0.7985 0.7879	0.7638	Ave		0.7160				13.8		20.0			
1,1,2-Trichloro-1,2,2-trifluoroeth ane	0.1437 0.4023	0.3385 0.3983	0.3592 0.4118	0.4375 0.3992	0.4192	Lin1	-0.259	0.4079				5.0			0.9990		0.9950
Acetone	0.0469 0.0471	0.0476 0.0501	0.0471 0.0523	0.0490 0.0525	0.0501	Ave		0.0492				4.5		20.0			
Iodomethane (Methyl Iodide)	0.2322 0.2519	0.3708 0.2013	0.3687 +++++	0.3497 +++++	0.3004	Qua	-0.151	0.4055	-0.002026			2.8			1.0000		0.9900
Carbon disulfide	1.2123 1.3048	1.3145 1.2897	1.3405 1.3429	1.4846 1.3129	1.4075	Ave		1.3344				5.7		20.0			
Acetonitrile	0.1200 0.1236	0.1329 0.1289	0.1295 0.1317	0.1452 0.1258	0.1302	Ave		0.1298				5.5		20.0			
Allyl Chloride (3-Chloropropene)	1.2000 1.2355	1.3295 1.2892	1.2948 1.3174	1.4516 1.2575	1.3022	Ave		1.2975				5.5		20.0			
Methyl acetate	0.3386 0.4028	0.3828 0.4097	0.3718 0.4472	0.4216 0.4858	0.4116	Ave		0.4080				10.5		20.0			
Methylene Chloride	0.4848 0.5053	0.5087 0.5015	0.5016 0.5242	0.5528 0.5197	0.5268	Ave		0.5139				3.8		20.0			
tert-Butyl alcohol	0.0517 0.0598	0.0537 0.0582	0.0508 0.0621	0.0549 0.0635	0.0526	Ave		0.0564				8.3		20.0			
trans-1,2-Dichloroethene	0.3012 0.4843	0.4261 0.4818	0.4647 0.4923	0.5325 0.4969	0.5122	Ave		0.4658				14.7		20.0			
Acrylonitrile	0.2231 0.2126	0.2202 0.2102	0.2156 0.2196	0.2269 0.2170	0.2196	Ave		0.2183				2.3		20.0			
MTBE	1.1785 1.3859	1.4162 1.3594	1.3052 1.3735	1.5263 1.2974	1.4682	Ave		1.3679				7.4		20.0			
n-Hexane	0.6544 0.5303	0.6164 0.5401	0.5168 0.5794	0.5923 0.5469	0.5751	Ave		0.5724				7.7		20.0			
1,1-Dichloroethane	0.6648 0.9016	0.8352 0.8934	0.8832 0.9314	0.9998 0.9269	0.9491	Ave		0.8873				10.7		20.0			
Vinyl acetate	1.1621 1.0652	1.1547 0.9350	1.0048 0.9859	1.0383 0.8349	1.1425	Ave		1.0359				10.6		20.0			
Chloroprene	0.4829 0.7869	0.6383 0.7764	0.6549 0.7905	0.8047 0.7704	0.8235	Ave		0.7254				15.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Houston Job No.: 860-99120-1 Analy Batch No.: 231384

SDG No.:

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/24/2025 17:22 Calibration End Date: 04/24/2025 20:05 Calibration ID: 9501

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Isopropyl ether	1.3541 1.6343	1.5368 1.6160	1.5000 1.6847	1.6495 1.6515	1.7239	Ave		1.5945				7.1		20.0			
Ethyl tert-butyl ether	1.3791 1.6557	1.6003 1.6696	1.6069 1.7495	1.7829 1.7398	1.7188	Ave		1.6558				7.3		20.0			
2,2-Dichloropropane	0.5207 0.6412	0.6801 0.5728	0.6751 0.5113	0.7822 0.4641	0.7362	Ave		0.6204				17.6		20.0			
cis-1,2-Dichloroethene	0.7075 0.7765	0.7797 0.7701	0.7761 0.7853	0.8668 0.7730	0.8267	Ave		0.7846				5.5		20.0			
2-Butanone	0.2116 0.1643	0.1734 0.1671	0.1581 0.1736	0.1756 0.1716	0.1734	Ave		0.1743				8.6		20.0			
Ethyl acetate	0.8252 0.5683	0.5091 0.5755	0.4615 0.6125	0.5943 0.6080	0.5981	Ave		0.5947				16.8		20.0			
Propane Nitrile (Propionitrile)	0.0460 0.0766	0.0712 0.0784	0.0690 0.0822	0.0794 0.0822	0.0773	Ave		0.0736				15.3		20.0			
Bromochloromethane	0.2925 0.4768	0.4517 0.4694	0.4352 0.4840	0.4974 0.4785	0.4896	Ave		0.4528				13.9		20.0			
Methacrylonitrile	0.1956 0.2121	0.2144 0.2106	0.2090 0.2182	0.2319 0.2139	0.2233	Ave		0.2143				4.7		20.0			
Tetrahydrofuran	+++++ 0.1662	0.1503 0.1586	0.1193 0.1731	0.1739 +++++	0.1554	Ave		0.1567				11.9		20.0			
Chloroform	0.7364 0.9192	0.8850 0.8970	0.8758 0.9224	1.0134 0.9059	0.9733	Ave		0.9032				8.5		20.0			
1,1,1-Trichloroethane	0.4986 0.7865	0.7444 0.7632	0.7528 0.7524	0.8639 0.7085	0.8276	Ave		0.7442				13.9		20.0			
Cyclohexane	1.4904 0.5914	0.8007 0.5838	0.6799 0.5968	0.7020 0.5620	0.6415	Lin1	1.0231	0.5801				9.6			0.9980		0.9950
Carbon tetrachloride	0.7432 0.6447	0.6554 0.6299	0.5733 0.5937	0.7340 0.5598	0.7081	Ave		0.6491				10.4		20.0			
1,1-Dichloropropene	0.5492 0.6302	0.6331 0.6302	0.6174 0.6478	0.7042 0.6338	0.6775	Ave		0.6359				6.7		20.0			
Benzene	1.1161 1.2539	1.2493 1.2459	1.2263 1.2744	1.3779 1.2354	1.3375	Ave		1.2574				5.8		20.0			
Isobutanol	0.0152 0.0129	0.0115 0.0134	0.0114 0.0144	0.0128 +++++	0.0130	Ave		0.0131				10.0		20.0			
1,2-Dichloroethane	0.3798 0.5215	0.4737 0.5188	0.4785 0.5297	0.5603 0.5078	0.5536	Ave		0.5026				10.9		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Houston Job No.: 860-99120-1 Analy Batch No.: 231384

SDG No.:

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/24/2025 17:22 Calibration End Date: 04/24/2025 20:05 Calibration ID: 9501

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
2,2,4-Trimethylpentane	0.7843 0.8828	0.8685 0.8808	0.8469 0.9320	0.9592 0.8761	0.9488	Ave		0.8866				6.1		20.0			
Isopropyl acetate	0.7419 0.5880	0.5676 0.5951	0.5661 0.6703	0.6593 0.6918	0.6327	Ave		0.6347				9.6		20.0			
Tert-amyl methyl ether	0.8542 1.0008	1.0124 1.0046	0.9282 1.1419	1.0845 1.0773	1.0405	Ave		1.0161				8.5		20.0			
Trichloroethene	0.2412 0.3535	0.3258 0.3610	0.3388 0.3743	0.3869 0.3722	0.3700	Ave		0.3471				12.7		20.0			
n-Butanol	+++++ 0.0148	0.0119 0.0159	0.0136 0.0166	0.0153 0.0168	0.0152	Ave		0.0150				10.8		20.0			
Methylcyclohexane	0.8491 0.8985	0.9153 0.8995	0.8823 0.9471	0.9712 0.9166	0.9482	Ave		0.9142				4.1		20.0			
Ethyl acrylate	0.1544 0.2851	0.3145 0.3060	0.3261 0.3220	0.3973 0.3113	0.3052	Lin1	-0.074	0.3140				15.4			0.9950		0.9950
1,2-Dichloropropane	0.2526 0.3757	0.3531 0.3775	0.3529 0.3902	0.4017 0.3821	0.3846	Ave		0.3634				12.2		20.0			
Dibromomethane	0.1510 0.2343	0.2268 0.2316	0.2258 0.2400	0.2547 0.2325	0.2462	Ave		0.2270				13.2		20.0			
Methyl methacrylate	0.3416 0.2503	0.2727 0.2465	0.2492 0.2559	0.2716 0.2444	0.2629	Ave		0.2661				11.3		20.0			
1,4-Dioxane (P-Dioxane)	+++++ 0.0031	0.0019 0.0032	0.0021 0.0034	0.0029 0.0034	0.0031	Lin1	-0.206	0.0034				8.2			0.9980		0.9950
Bromodichloromethane	0.4177 0.4895	0.4697 0.4859	0.4627 0.4945	0.5229 0.4768	0.5164	Ave		0.4818				6.5		20.0			
2-Nitropropane	0.1623 0.1149	0.1236 0.1152	0.1158 0.1205	0.1123 0.1172	0.1191	Ave		0.1223				12.6		20.0			
2-Chloroethyl vinyl ether	0.0781 0.1955	0.1657 0.1964	0.1840 0.2036	0.2136 0.2049	0.2061	Lin1	-0.132	0.2036				4.4			0.9990		0.9950
Epichlorohydrin	0.0294 0.0297	0.0300 0.0311	0.0291 0.0313	0.0300 0.0301	0.0312	Ave		0.0302				2.6		20.0			
cis-1,3-Dichloropropene	0.3853 0.5378	0.5077 0.5323	0.5111 0.5492	0.5732 0.5376	0.5657	Ave		0.5222				10.7		20.0			
4-Methyl-2-pentanone	0.3341 0.3292	0.3096 0.3278	0.3020 0.3366	0.3431 0.3239	0.3444	Ave		0.3279				4.4		20.0			
Toluene	0.7816 0.8788	0.8424 0.8756	0.8272 0.9037	0.9399 0.8846	0.9299	Ave		0.8737				5.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Houston Job No.: 860-99120-1 Analy Batch No.: 231384

SDG No.:

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/24/2025 17:22 Calibration End Date: 04/24/2025 20:05 Calibration ID: 9501

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
trans-1,3-Dichloropropene	0.4431 0.5857	0.5622 0.5855	0.5442 0.5964	0.6235 0.5861	0.6109	Ave		0.5708				9.4		20.0			
Ethyl methacrylate	0.4318 0.4925	0.4880 0.4969	0.4837 0.5062	0.5248 0.4928	0.5176	Ave		0.4927				5.4		20.0			
1,1,2-Trichloroethane	0.2328 0.2994	0.2950 0.2992	0.2952 0.3071	0.3264 0.3013	0.3156	Ave		0.2969				8.8		20.0			
Tetrachloroethene	0.2786 0.3373	0.3278 0.3423	0.3239 0.3517	0.3631 0.3459	0.3596	Ave		0.3367				7.6		20.0			
1,3-Dichloropropane	0.4853 0.5557	0.5678 0.5530	0.5557 0.5646	0.6093 0.5525	0.5933	Ave		0.5597				6.1		20.0			
2-Hexanone	0.2787 0.2490	0.2500 0.2527	0.2435 0.2591	0.2627 0.2505	0.2593	Ave		0.2562				4.1		20.0			
Dibromochloromethane	0.3605 0.4376	0.4216 0.4401	0.4170 0.4533	0.4679 0.4479	0.4574	Ave		0.4337				7.4		20.0			
n-Butyl acetate	0.7536 0.6014	0.6579 0.5949	0.5715 0.6061	0.6272 0.5907	0.6273	Ave		0.6256				8.7		20.0			
1,2-Dibromoethane	0.3031 0.3761	0.3785 0.3828	0.3796 0.3911	0.4145 0.3838	0.4025	Ave		0.3791				8.2		20.0			
1-Chlorohexane	0.8465 0.3765	0.4628 0.3772	0.3967 0.3848	0.4204 0.3679	0.4027	Lin1	0.4762	0.3746				4.4			0.9990		0.9950
Chlorobenzene	0.9131 1.0381	0.9877 1.0540	0.9984 1.0800	1.1101 1.0726	1.0782	Ave		1.0369				5.9		20.0			
1,1,1,2-Tetrachloroethane	0.3085 0.3964	0.3759 0.3987	0.3805 0.4089	0.4214 0.4050	0.4118	Ave		0.3897				8.6		20.0			
Ethylbenzene	1.6202 1.6732	1.6770 1.6781	1.6597 1.6891	1.8504 1.6570	1.7763	Ave		1.6979				4.2		20.0			
m,p-Xylenes	1.2596 1.3354	1.3228 1.3476	1.3063 1.3780	1.4812 1.3318	1.4077	Ave		1.3523				4.7		20.0			
o-Xylene	1.2840 1.4087	1.3631 1.4227	1.3510 1.4549	1.5084 1.4254	1.4723	Ave		1.4101				4.9		20.0			
Styrene	0.8901 1.0889	0.9610 1.1095	0.9790 1.1372	1.1220 1.1217	1.1352	Ave		1.0605				8.7		20.0			
Bromoform	0.2494 0.3476	0.3125 0.3539	0.3181 0.3726	0.3620 0.3669	0.3572	Ave		0.3378				11.6		20.0			
Isopropylbenzene	1.5452 1.6995	1.5797 1.7077	1.5777 1.7416	1.8038 1.7063	1.7755	Ave		1.6819				5.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Houston Job No.: 860-99120-1 Analy Batch No.: 231384

SDG No.:

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/24/2025 17:22 Calibration End Date: 04/24/2025 20:05 Calibration ID: 9501

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
cis-1,4-Dichloro-2-butene	0.0560 0.1629	0.1364 0.1656	0.1462 0.1682	0.1678 0.1606	0.1672	Lin1	-0.113	0.1654				3.3			0.9990		0.9950
Cyclohexanone	0.0169 0.0175	0.0162 0.0182	0.0158 0.0189	0.0176 0.0187	0.0178	Ave		0.0175				6.0		20.0			
Bromobenzene	0.7204 0.8360	0.8339 0.8589	0.8561 0.8648	0.9214 0.8637	0.8893	Ave		0.8494				6.5		20.0			
1,1,2,2-Tetrachloroethane	0.8474 0.7867	0.8808 0.7891	0.8394 0.7948	0.8835 0.7695	0.8460	Ave		0.8264				5.1		20.0			
1,2,3-Trichloropropane	0.8800 0.9261	0.9469 0.9342	0.9824 0.9459	1.0417 0.9243	0.9945	Ave		0.9529				4.9		20.0			
trans-1,4-Dichloro-2-butene	0.0709 0.2495	0.2325 0.2689	0.2609 0.2655	0.2880 0.2566	0.2832	Lin1	-0.150	0.2651				8.6			0.9980		0.9950
N-Propylbenzene	3.3889 3.3238	3.5598 3.3858	3.5157 3.3664	3.8378 3.2875	3.6046	Ave		3.4745				5.0		20.0			
2-Chlorotoluene	2.2667 1.9915	1.9905 2.0044	1.9827 2.0334	2.1738 1.9962	2.1546	Ave		2.0660				5.1		20.0			
4-Ethyltoluene	2.5880 2.6802	2.7225 2.7270	2.7723 2.7283	3.0155 2.6954	2.9045	Ave		2.7593				4.6		20.0			
1,3,5-Trimethylbenzene	2.2879 2.4175	2.4710 2.4493	2.5033 2.4654	2.7257 2.4187	2.6290	Ave		2.4853				5.1		20.0			
4-Chlorotoluene	2.3676 2.3850	2.4701 2.4166	2.4836 2.4108	2.7344 2.3506	2.5959	Ave		2.4683				5.0		20.0			
tert-Butylbenzene	1.8193 1.9943	2.0660 2.0767	2.0736 2.1290	2.2539 2.1162	2.1537	Ave		2.0759				5.8		20.0			
1,2,4-Trimethylbenzene	2.3345 2.4715	2.4520 2.5052	2.4917 2.5374	2.7284 2.5022	2.6285	Ave		2.5168				4.4		20.0			
sec-Butylbenzene	2.7848 2.9366	2.9308 3.0065	2.9496 3.0426	3.2302 3.0051	3.1429	Ave		3.0032				4.3		20.0			
1,3-Dichlorobenzene	1.3356 1.4799	1.4964 1.5198	1.4856 1.5383	1.6295 1.5275	1.5659	Ave		1.5087				5.3		20.0			
p-Cymene (p-Isopropyltoluene)	2.3228 2.5705	2.4539 2.6372	2.4786 2.6915	2.7956 2.6495	2.7132	Ave		2.5903				5.7		20.0			
1,4-Dichlorobenzene	1.4062 1.5453	1.5351 1.5651	1.5437 1.5803	1.6745 1.5574	1.6522	Ave		1.5622				4.9		20.0			
Dicyclopentadiene	2.9918 3.0989	3.3886 3.1136	3.3015 3.0572	3.6174 2.9709	3.3943	Ave		3.2149				6.9		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Houston Job No.: 860-99120-1 Analy Batch No.: 231384

SDG No.:

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/24/2025 17:22 Calibration End Date: 04/24/2025 20:05 Calibration ID: 9501

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Benzyl chloride	1.3004 1.1502	1.1974 1.1540	1.1881 1.1652	1.2743 1.1452	1.2506	Ave		1.2028				4.8		20.0			
1,2-Dichlorobenzene	1.2547 1.4326	1.4209 1.4557	1.4305 1.4591	1.5726 1.4462	1.5356	Ave		1.4453				6.1		20.0			
n-Butylbenzene	2.2312 2.3187	2.2559 2.3596	2.2298 2.3647	2.5536 2.2828	2.4525	Ave		2.3388				4.6		20.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.1341	0.1195 0.1414	0.1285 0.1496	0.1415 0.1496	0.1423	Ave		0.1383				7.5		20.0			
1,2,4-Trichlorobenzene	0.7765 0.8773	0.8613 0.9420	0.9150 1.0174	0.9674 1.0311	0.9370	Ave		0.9250				8.6		20.0			
Hexachlorobutadiene	0.2989 0.4140	0.4369 0.4274	0.4289 0.4585	0.4686 0.4669	0.4565	Ave		0.4285				12.2		20.0			
Naphthalene	1.5704 1.7476	1.6332 1.8711	1.7160 1.9311	1.8353 1.9363	1.8445	Ave		1.7873				7.2		20.0			
1,2,3-Trichlorobenzene	0.6518 0.7282	0.7001 0.7796	0.7241 0.8229	0.7699 0.8290	0.7507	Ave		0.7507				7.6		20.0			
2-Methylnaphthalene	+++++ 0.4772	0.3426 0.5313	0.4010 0.5798	0.4270 +++++	0.4721	Ave		0.4616				17.3		20.0			
1-Methylnaphthalene	+++++ 0.3156	0.2195 0.3514	0.2757 0.3829	0.2939 +++++	0.3150	Ave		0.3077				17.1		20.0			
Dibromofluoromethane (Surr)	0.5003 0.5052	0.5087 0.4928	0.4945 0.4936	0.5076 0.4907	0.5025	Ave		0.4995				1.4		20.0			
1,2-Dichloroethane-d4 (Surr)	0.3766 0.3756	0.3870 0.3696	0.3916 0.3579	0.4102 0.3489	0.4304	Ave		0.3831				6.6		20.0			
Toluene-d8 (Surr)	1.3056 1.3124	1.3017 1.3151	1.3111 1.3075	1.2936 1.2974	1.3119	Ave		1.3063				0.6		20.0			
4-Bromofluorobenzene (Surr)	0.8920 0.8668	0.9051 0.8736	0.9038 0.8583	0.8856 0.8581	0.8733	Ave		0.8796				2.0		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI

GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA

RESPONSE AND CONCENTRATION

Lab Name: Eurofins Houston Job No.: 860-99120-1 Analy Batch No.: 231384

SDG No.:

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/24/2025 17:22 Calibration End Date: 04/24/2025 20:05 Calibration ID: 9501

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-231384/2	A042425005.D
Level 2	IC 860-231384/3	A042425006.D
Level 3	IC 860-231384/4	A042425007.D
Level 4	IC 860-231384/5	A042425008.D
Level 5	ICIS 860-231384/6	A042425009.D
Level 6	IC 860-231384/7	A042425010.D
Level 7	IC 860-231384/8	A042425011.D
Level 8	IC 860-231384/9	A042425012.D
Level 9	IC 860-231384/10	A042425013.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Propene	PFB	Qua	+++++ 43808	4940 57315	7496 86044	18837 104112	35472	+++++ 75.0	5.00 100	10.0 150	25.0 200	50.0
Dichlorodifluoromethane	PFB	Lin1	637 115839	7215 161486	15787 234548	39524 301070	85994	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
Chloromethane	PFB	Ave	2617 249008	17518 344482	33646 520134	79811 705240	172043	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
Vinyl chloride	PFB	Ave	1130 179355	11236 257365	23340 381467	58031 502157	124837	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
1,3-Butadiene	PFB	Lin1	941 165100	9992 233023	20567 318507	51104 419992	114915	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
Ethylene oxide	PFB	Qua	+++++ 175500	19903 233344	30331 345974	89854 441710	141673	+++++ 750	50.0 1000	100 1500	250 2000	500
Bromomethane	PFB	Ave	959 108432	7413 151436	14082 234571	33690 311350	73910	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
Chloroethane	PFB	Ave	+++++ 98713	6925 126134	14885 157121	35879 208057	78608	+++++ 75.0	5.00 100	10.0 150	25.0 200	50.0
Dichlorofluoromethane	PFB	Ave	2978 322678	20954 452886	42687 675413	101970 895814	214618	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
Trichlorofluoromethane	PFB	Ave	1648 251126	15020 352332	31318 492254	80421 650656	167117	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
Isopropyl alcohol	PFB	Ave	1335 113905	7271 144392	13768 222877	35543 303973	71887	10.0 750	50.0 1000	100 1500	250 2000	500
Diethyl ether	PFB	Ave	1396 145660	9217 196927	18099 302334	48774 405213	96570	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
Acrolein	PFB	Ave	1576 98252	6255 133099	13119 215866	33364 263137	66617	5.00 375	25.0 500	50.0 750	125 1000	250
1,1-Dichloroethene	PFB	Ave	2276 269318	15630 371623	31702 579373	92367 782608	181071	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Houston Job No.: 860-99120-1 Analy Batch No.: 231384

SDG No.:

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/24/2025 17:22 Calibration End Date: 04/24/2025 20:05 Calibration ID: 9501

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,1,2-Trichloro-1,2,2-trifluoroethane	PFB	Lin1	677 148659	7765 199859	16967 302600	50605 396580	99376	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
Acetone	PFB	Ave	1104 87074	5455 125586	11121 192056	28315 260974	59405	5.00 375	25.0 500	50.0 750	125 1000	250
Iodomethane (Methyl Iodide)	PFB	Qua	1094 93078	8507 100997	17413 +++++	40446 +++++	71213	1.00 75.0	5.00 100	10.0 +++++	25.0 +++++	50.0
Carbon disulfide	PFB	Ave	5711 482189	30158 647121	63317 986761	171728 1304153	333654	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
Acetonitrile	PFB	Ave	5653 456587	30501 646869	61156 968009	167915 1249123	308692	10.0 750	50.0 1000	100 1500	250 2000	500
Allyl Chloride (3-Chloropropene)	PFB	Ave	5653 456587	30501 646869	61156 968009	167915 1249123	308692	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
Methyl acetate	PFB	Ave	3190 297724	17567 411172	35126 657202	97540 965208	195122	2.00 150	10.0 200	20.0 300	50.0 400	100
Methylene Chloride	PFB	Ave	2284 186734	11671 251617	23693 385155	63948 516253	124890	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
tert-Butyl alcohol	PFB	Ave	2437 221063	12330 292178	23997 456527	63485 630689	124655	10.0 750	50.0 1000	100 1500	250 2000	500
trans-1,2-Dichloroethene	PFB	Ave	1419 178968	9776 241724	21949 361745	61599 493547	121411	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
Acrylonitrile	PFB	Ave	10508 785725	50528 1054893	101815 1613727	262437 2155795	520678	10.0 750	50.0 1000	100 1500	250 2000	500
MTBE	PFB	Ave	5552 512179	32492 682072	61651 1009258	176555 1288738	348036	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
n-Hexane	PFB	Ave	3083 195982	14141 271020	24411 425737	68516 543202	136326	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
1,1-Dichloroethane	PFB	Ave	3132 333209	19161 448271	41717 684341	115652 920666	224993	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
Vinyl acetate	PFB	Ave	27372 1968302	132462 2345588	237306 3622107	600516 4146617	1354135	5.00 375	25.0 500	50.0 750	125 1000	250
Chloroprene	PFB	Ave	2275 290785	14644 389543	30932 580875	93084 765216	195217	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
Isopropyl ether	PFB	Ave	6379 603975	35257 810832	70851 1237850	190799 1640432	408651	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
Ethyl tert-butyl ether	PFB	Ave	6497 611861	36715 837738	75898 1285481	206230 1728145	407443	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
2,2-Dichloropropane	PFB	Ave	2453 236966	15604 287409	31886 375697	90476 460980	174529	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
cis-1,2-Dichloroethene	PFB	Ave	3333 286944	17888 386396	36659 577045	100263 767883	195973	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0

FORM VI

GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA

RESPONSE AND CONCENTRATION

Lab Name: Eurofins Houston Job No.: 860-99120-1 Analy Batch No.: 231384

SDG No.:

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/24/2025 17:22 Calibration End Date: 04/24/2025 20:05 Calibration ID: 9501

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
2-Butanone	PFB	Ave	4984 303517	19893 419323	37345 637717	101569 852172	205546	5.00 375	25.0 500	50.0 750	125 1000	250
Ethyl acetate	PFB	Ave	7775 420056	23360 577479	43596 900039	137477 1207815	283564	2.00 150	10.0 200	20.0 300	50.0 400	100
Propane Nitrile (Propionitrile)	PFB	Ave	2167 283106	16344 393581	32612 603796	91843 816601	183319	10.0 750	50.0 1000	100 1500	250 2000	500
Bromochloromethane	PFB	Ave	1378 176221	10362 235525	20555 355609	57533 475271	116066	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
Methacrylonitrile	PFB	Ave	9215 783804	49181 1056807	98709 1603427	268299 2124691	529279	10.0 750	50.0 1000	100 1500	250 2000	500
Tetrahydrofuran	PFB	Ave	+++++ 122856	6898 159186	11273 254414	40234 +++++	73677	+++++ 150	10.0 200	20.0 300	50.0 +++++	100
Chloroform	PFB	Ave	3469 339710	20304 450053	41366 677761	117220 899871	230729	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
1,1,1-Trichloroethane	PFB	Ave	2349 290637	17078 382940	35556 552841	99926 703752	196194	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
Cyclohexane	PFB	Lin1	7021 218571	18371 292932	32113 438524	81196 558241	152067	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
Carbon tetrachloride	PFB	Ave	3501 238245	15037 316076	27081 436232	84905 556077	167848	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
1,1-Dichloropropene	PFB	Ave	2587 232889	14525 316199	29163 475964	81462 629617	160606	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
Benzene	DFBZ	Ave	7803 672740	42446 906398	85291 1370319	235093 1827159	458088	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
Isobutanol	DFBZ	Ave	2642 172238	9699 241781	19636 384264	54294 +++++	110219	24.8 1860	124 2480	248 3720	620 +++++	1240
1,2-Dichloroethane	DFBZ	Ave	2655 279813	16096 377456	33284 569556	95590 751046	189595	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
2,2,4-Trimethylpentane	DFBZ	Ave	5483 473634	29510 640753	58902 1002133	163652 1295718	324968	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
Isopropyl acetate	PFB	Ave	3495 217290	13023 298584	26737 492529	76260 687173	149984	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
Tert-amyl methyl ether	DFBZ	Ave	5972 536968	34399 730823	64562 1227840	185030 1593425	356372	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
Trichloroethene	DFBZ	Ave	1686 189648	11069 262659	23564 402485	66016 550466	126707	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
n-Butanol	DCBd4	Ave	+++++ 112454	5049 159943	11794 253976	34789 349854	72274	+++++ 1890	126 2520	252 3780	630 5040	1260
Methylcyclohexane	DFBZ	Ave	5936 482079	31098 654359	61370 1018389	165703 1355655	324760	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
Ethyl acrylate	DCBd4	Lin1	531	5301	11196	35767	57600	1.00	5.00	10.0	25.0	50.0

FORM VI

GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA

RESPONSE AND CONCENTRATION

Lab Name: Eurofins Houston Job No.: 860-99120-1 Analy Batch No.: 231384

SDG No.:

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/24/2025 17:22 Calibration End Date: 04/24/2025 20:05 Calibration ID: 9501

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			85721	122032	195562	256715		75.0	100	150	200	
1,2-Dichloropropane	DFBZ	Ave	1766 201584	11997 274625	24545 419543	68542 565146	131728	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
Dibromomethane	DFBZ	Ave	1056 125724	7706 168492	15705 258105	43456 343893	84323	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
Methyl methacrylate	DFBZ	Ave	4777 268625	18528 358724	34659 550248	92674 722900	180087	2.00 150	10.0 200	20.0 300	50.0 400	100
1,4-Dioxane (P-Dioxane)	DFBZ	Lin1	+++++ 33105	1291 46316	2927 73801	9737 100989	21407	+++++ 1500	100 2000	200 3000	500 4000	1000
Bromodichloromethane	DFBZ	Ave	2920 262602	15960 353517	32184 531679	89215 705236	176879	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
2-Nitropropane	DFBZ	Ave	2270 123250	8400 167587	16102 259248	38334 346768	81609	2.00 150	10.0 200	20.0 300	50.0 400	100
2-Chloroethyl vinyl ether	DFBZ	Lin1	546 104866	5631 142877	12797 218930	36435 302987	70587	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
Epichlorohydrin	DFBZ	Ave	2058 159285	10190 226516	20286 336306	51215 444972	106894	10.0 751	50.0 1001	100 1501	250 2002	500
cis-1,3-Dichloropropene	DFBZ	Ave	2694 288520	17251 387218	35552 590548	97801 795174	193742	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
4-Methyl-2-pentanone	DFBZ	Ave	11678 883117	52596 1192552	105013 1809590	292712 2395597	589811	5.00 375	25.0 500	50.0 750	125 1000	250
Toluene	CBNZd5	Ave	4889 437006	25971 585832	51740 902506	146910 1209491	294700	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
trans-1,3-Dichloropropene	CBNZd5	Ave	2772 291289	17333 391748	34034 595607	97453 801334	193599	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
Ethyl methacrylate	CBNZd5	Ave	2701 244922	15045 332467	30251 505556	82028 673776	164032	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
1,1,2-Trichloroethane	CBNZd5	Ave	1456 148903	9096 200211	18464 306647	51013 412001	100010	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
Tetrachloroethene	CBNZd5	Ave	1743 167739	10105 229014	20256 351196	56757 472885	113952	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
1,3-Dichloropropane	CBNZd5	Ave	3036 276346	17505 369995	34757 563868	95235 755427	188019	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
2-Hexanone	CBNZd5	Ave	8717 619111	38541 845532	76146 1293569	205324 1712748	410872	5.00 375	25.0 500	50.0 750	125 1000	250

FORM VI

GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA

RESPONSE AND CONCENTRATION

Lab Name: Eurofins Houston Job No.: 860-99120-1 Analy Batch No.: 231384

SDG No.:

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/24/2025 17:22 Calibration End Date: 04/24/2025 20:05 Calibration ID: 9501

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Dibromochloromethane	CBNZd5	Ave	2255 217599	12998 294433	26081 452657	73137 612445	144954	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
n-Butyl acetate	CBNZd5	Ave	4714 299094	20284 398057	35745 605307	98032 807708	198788	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
1,2-Dibromoethane	CBNZd5	Ave	1896 187036	11671 256123	23744 390538	64795 524796	127570	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
1-Chlorohexane	CBNZd5	Lin1	5295 187244	14269 252393	24810 384247	65716 502966	127609	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
Chlorobenzene	CBNZd5	Ave	5712 516221	30451 705222	62444 1078509	173506 1466533	341698	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
1,1,1,2-Tetrachloroethane	CBNZd5	Ave	1930 197118	11589 266767	23800 408391	65867 553702	130518	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
Ethylbenzene	CBNZd5	Ave	10135 832094	51703 1122775	103808 1686847	289224 2265619	562938	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
m,p-Xylenes	CBNZd5	Ave	7879 664110	40782 901653	81700 1376148	231511 1821033	446126	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
o-Xylene	CBNZd5	Ave	8032 700543	42026 951912	84501 1452950	235769 1948967	466584	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
Styrene	CBNZd5	Ave	5568 541525	29629 742368	61232 1135639	175366 1533697	359751	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
Bromoform	CBNZd5	Ave	1560 172882	9636 236804	19897 372058	56585 501630	113193	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
Isopropylbenzene	CBNZd5	Ave	9666 845174	48703 1142602	98680 1739300	281937 2333002	562670	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
cis-1,4-Dichloro-2-butene	CBNZd5	Lin1	350 81032	4206 110820	9141 167966	26227 219603	52975	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
Cyclohexanone	CBNZd5	Ave	5285 435196	25044 609934	49565 944819	137893 1279466	282716	50.0 3750	250 5000	500 7500	1250 10000	2500
Bromobenzene	DCBd4	Ave	2478	14057	29391	82938	167847	1.00	5.00	10.0	25.0	50.0

FORM VI

GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA

RESPONSE AND CONCENTRATION

Lab Name: Eurofins Houston Job No.: 860-99120-1 Analy Batch No.: 231384

SDG No.:

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/24/2025 17:22 Calibration End Date: 04/24/2025 20:05 Calibration ID: 9501

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			251371	342553	525125	712149		75.0	100	150	200	
1,1,2,2-Tetrachloroethane	DCBd4	Ave	2915 236550	14848 314724	28817 482628	79532 634454	159681	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
1,2,3-Trichloropropane	DCBd4	Ave	3027 278456	15963 372554	33726 574423	93768 762115	187703	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
trans-1,4-Dichloro-2-butene	DCBd4	Lin1	244 75024	3920 107240	8955 161212	25923 211533	53458	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
N-Propylbenzene	DCBd4	Ave	11657 999434	60010 1350304	120694 2044244	345459 2710623	680360	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
2-Chlorotoluene	DCBd4	Ave	7797 598813	33555 799380	68067 1234798	195677 1645938	406684	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
4-Ethyltoluene	DCBd4	Ave	8902 805907	45896 1087567	95173 1656755	271442 2222427	548229	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
1,3,5-Trimethylbenzene	DCBd4	Ave	7870 726919	41656 976806	85938 1497131	245352 1994295	496214	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
4-Chlorotoluene	DCBd4	Ave	8144 717151	41640 963775	85260 1463949	246139 1938176	489981	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
tert-Butylbenzene	DCBd4	Ave	6258 599683	34829 828208	71186 1292799	202884 1744904	406501	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
1,2,4-Trimethylbenzene	DCBd4	Ave	8030 743173	41336 999104	85539 1540827	245593 2063135	496135	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
sec-Butylbenzene	DCBd4	Ave	9579 883006	49407 1199024	101260 1847617	290770 2477816	593224	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
1,3-Dichlorobenzene	DCBd4	Ave	4594 444987	25226 606130	51000 934145	146681 1259478	295560	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
p-Cymene (p-Isopropyltoluene)	DCBd4	Ave	7990 772941	41368 1051761	85089 1634387	251649 2184553	512122	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
1,4-Dichlorobenzene	DCBd4	Ave	4837 464649	25878 624170	52994 959652	150734 1284152	311857	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
Dicyclopentadiene	DCBd4	Ave	10291 931808	57124 1241728	113339 1856480	325619 2449570	640666	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
Benzyl chloride	DCBd4	Ave	4473 345848	20185 460244	40788 707535	114708 944239	236043	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
1,2-Dichlorobenzene	DCBd4	Ave	4316 430776	23954 580553	49107 886032	141556 1192398	289844	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
n-Butylbenzene	DCBd4	Ave	7675 697205	38030 941044	76548 1435965	229858 1882258	462899	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
1,2-Dibromo-3-Chloropropane	DCBd4	Ave	+++++ 40326	2015 56391	4413 90872	12740 123373	26865	+++++ 75.0	5.00 100	10.0 150	25.0 200	50.0
1,2,4-Trichlorobenzene	DCBd4	Ave	2671 263783	14519 375675	31411 617828	87085 850185	176866	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0

FORM VI

GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA

RESPONSE AND CONCENTRATION

Lab Name: Eurofins Houston Job No.: 860-99120-1 Analy Batch No.: 231384

SDG No.:

Instrument ID: A325 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/24/2025 17:22 Calibration End Date: 04/24/2025 20:05 Calibration ID: 9501

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Hexachlorobutadiene	DCBd4	Ave	1028 124490	7365 170459	14725 278420	42182 384965	86166	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
Naphthalene	DCBd4	Ave	5402 525502	27532 746239	58911 1172655	165207 1596504	348140	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
1,2,3-Trichlorobenzene	DCBd4	Ave	2242 218964	11802 310927	24857 499703	69306 683503	141700	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
2-Methylnaphthalene	DCBd4	Ave	+++++ 143490	5776 211872	13765 352060	38432 +++++	89106	+++++ 75.0	5.00 100	10.0 150	25.0 +++++	50.0
1-Methylnaphthalene	DCBd4	Ave	+++++ 94893	3701 140125	9466 232543	26452 +++++	59449	+++++ 75.0	5.00 100	10.0 150	25.0 +++++	50.0
Dibromofluoromethane (Surr)	PFB	Ave	117846 124458	116698 123625	116774 120903	117429 121848	119122	50.0 50.0	50.0 50.0	50.0 50.0	50.0 50.0	50.0
1,2-Dichloroethane-d4 (Surr)	DFBZ	Ave	131659 134352	131501 134438	136172 128277	139985 129007	147418	50.0 50.0	50.0 50.0	50.0 50.0	50.0 50.0	50.0
Toluene-d8 (Surr)	CBNZd5	Ave	408339 435100	401315 439970	409999 435247	404401 443485	415767	50.0 50.0	50.0 50.0	50.0 50.0	50.0 50.0	50.0
4-Bromofluorobenzene (Surr)	DCBd4	Ave	153406 173759	152575 174201	155128 173724	159441 176890	164839	50.0 50.0	50.0 50.0	50.0 50.0	50.0 50.0	50.0

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Qua = Quadratic ISTD

Calibration / Propene

Curve Type:	Quadratic
Weighting:	None
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

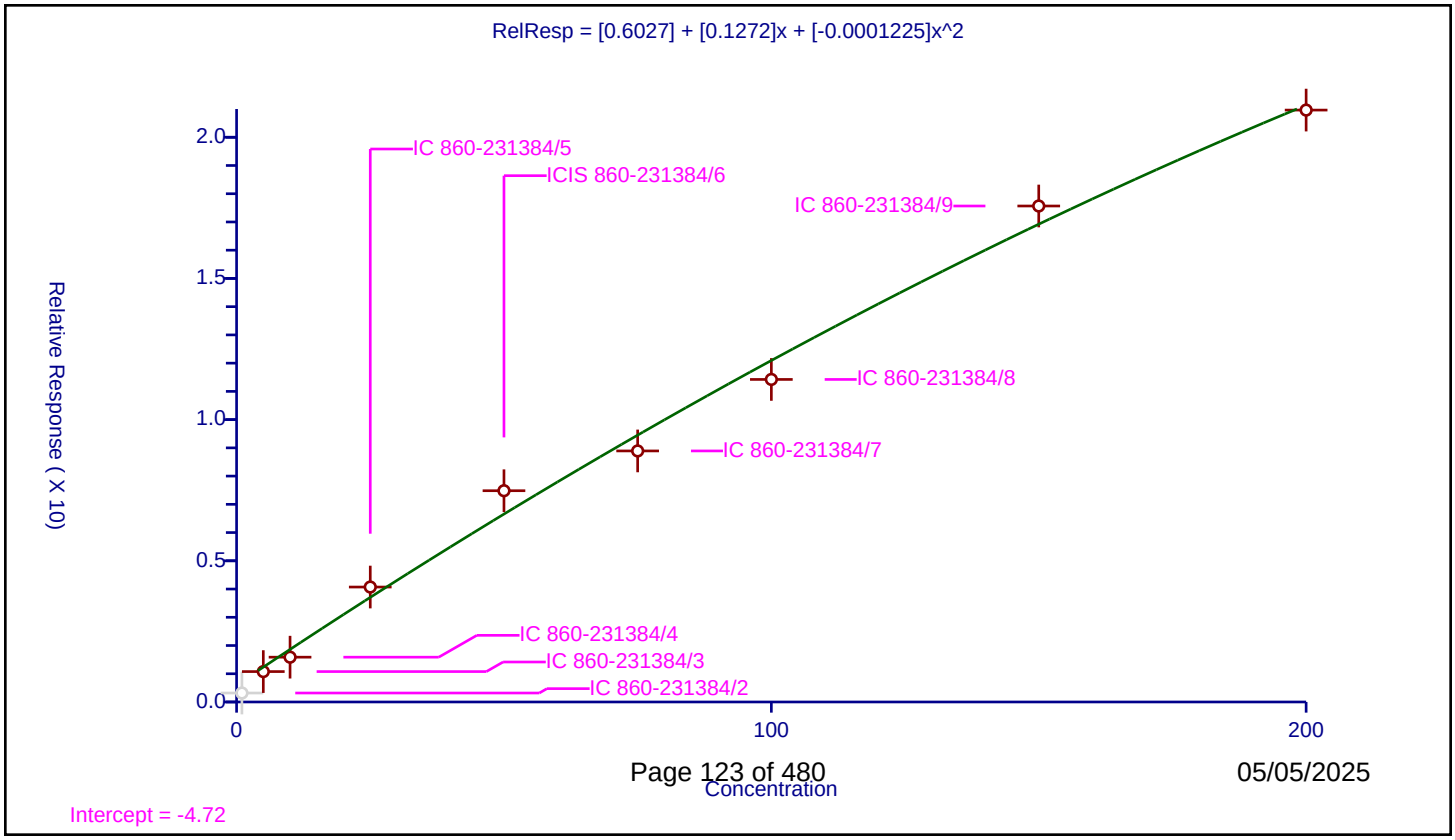
Curve Coefficients

Intercept:	0.6027
Slope:	0.1272
Second Order:	-0.0001225

Error Coefficients

Relative Standard Deviation:	17.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	0.317563	50.0	235544.0	0.317563	N
2	IC 860-231384/3	5.0	1.076605	50.0	229425.0	0.215321	Y
3	IC 860-231384/4	10.0	1.587006	50.0	236168.0	0.158701	Y
4	IC 860-231384/5	25.0	4.07121	50.0	231344.0	0.162848	Y
5	ICIS 860-231384/6	50.0	7.481808	50.0	237055.0	0.149636	Y
6	IC 860-231384/7	75.0	8.890693	50.0	246370.0	0.118543	Y
7	IC 860-231384/8	100.0	11.423019	50.0	250875.0	0.11423	Y
8	IC 860-231384/9	150.0	17.565234	50.0	244927.0	0.117102	Y
9	IC 860-231384/10	200.0	20.962345	50.0	248331.0	0.104812	Y



Calibration / Dichlorodifluoromethane

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

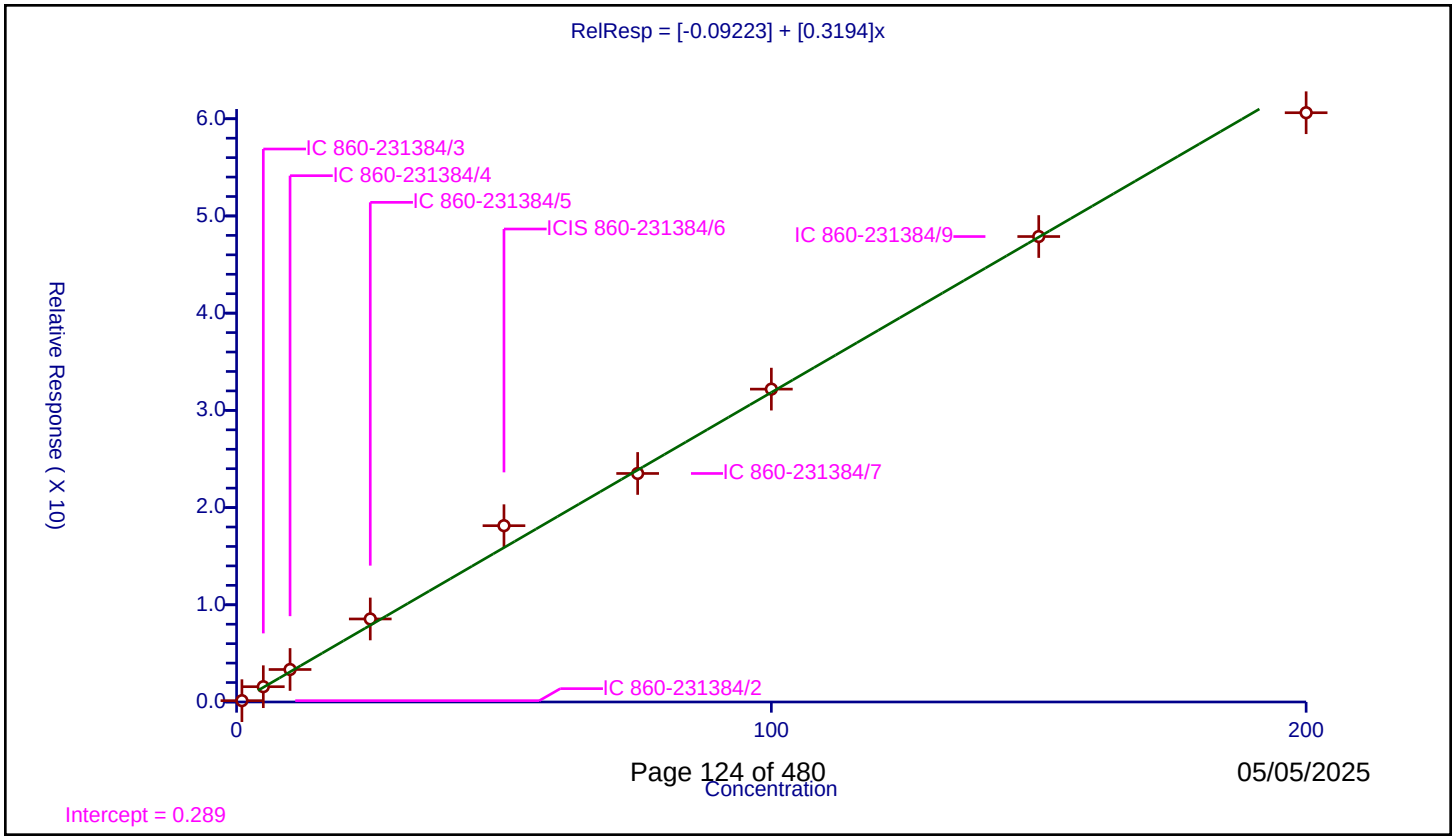
Curve Coefficients

Intercept:	-0.09223
Slope:	0.3194

Error Coefficients

Relative Standard Deviation:	13.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	0.135219	50.0	235544.0	0.135219	Y
2	IC 860-231384/3	5.0	1.572409	50.0	229425.0	0.314482	Y
3	IC 860-231384/4	10.0	3.342324	50.0	236168.0	0.334232	Y
4	IC 860-231384/5	25.0	8.542257	50.0	231344.0	0.34169	Y
5	ICIS 860-231384/6	50.0	18.137985	50.0	237055.0	0.36276	Y
6	IC 860-231384/7	75.0	23.509153	50.0	246370.0	0.313455	Y
7	IC 860-231384/8	100.0	32.184554	50.0	250875.0	0.321846	Y
8	IC 860-231384/9	150.0	47.881205	50.0	244927.0	0.319208	Y
9	IC 860-231384/10	200.0	60.61869	50.0	248331.0	0.303093	Y



Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

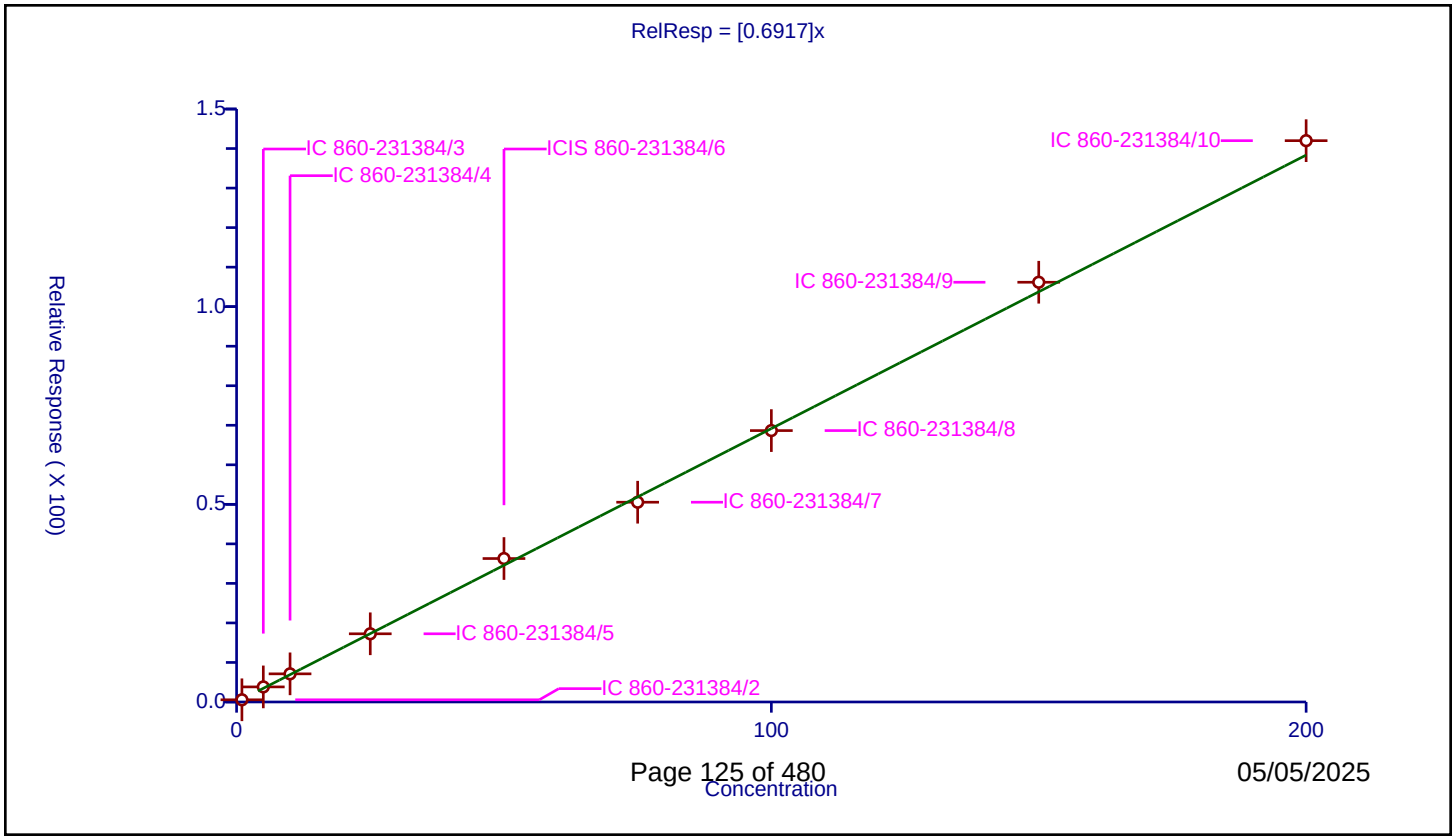
Curve Coefficients

Intercept:	0
Slope:	0.6917

Error Coefficients

Relative Standard Deviation:	8.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	0.555523	50.0	235544.0	0.555523	Y
2	IC 860-231384/3	5.0	3.817805	50.0	229425.0	0.763561	Y
3	IC 860-231384/4	10.0	7.123319	50.0	236168.0	0.712332	Y
4	IC 860-231384/5	25.0	17.249421	50.0	231344.0	0.689977	Y
5	ICIS 860-231384/6	50.0	36.28757	50.0	237055.0	0.725751	Y
6	IC 860-231384/7	75.0	50.535374	50.0	246370.0	0.673805	Y
7	IC 860-231384/8	100.0	68.656104	50.0	250875.0	0.686561	Y
8	IC 860-231384/9	150.0	106.181434	50.0	244927.0	0.707876	Y
9	IC 860-231384/10	200.0	141.995965	50.0	248331.0	0.70998	Y



Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

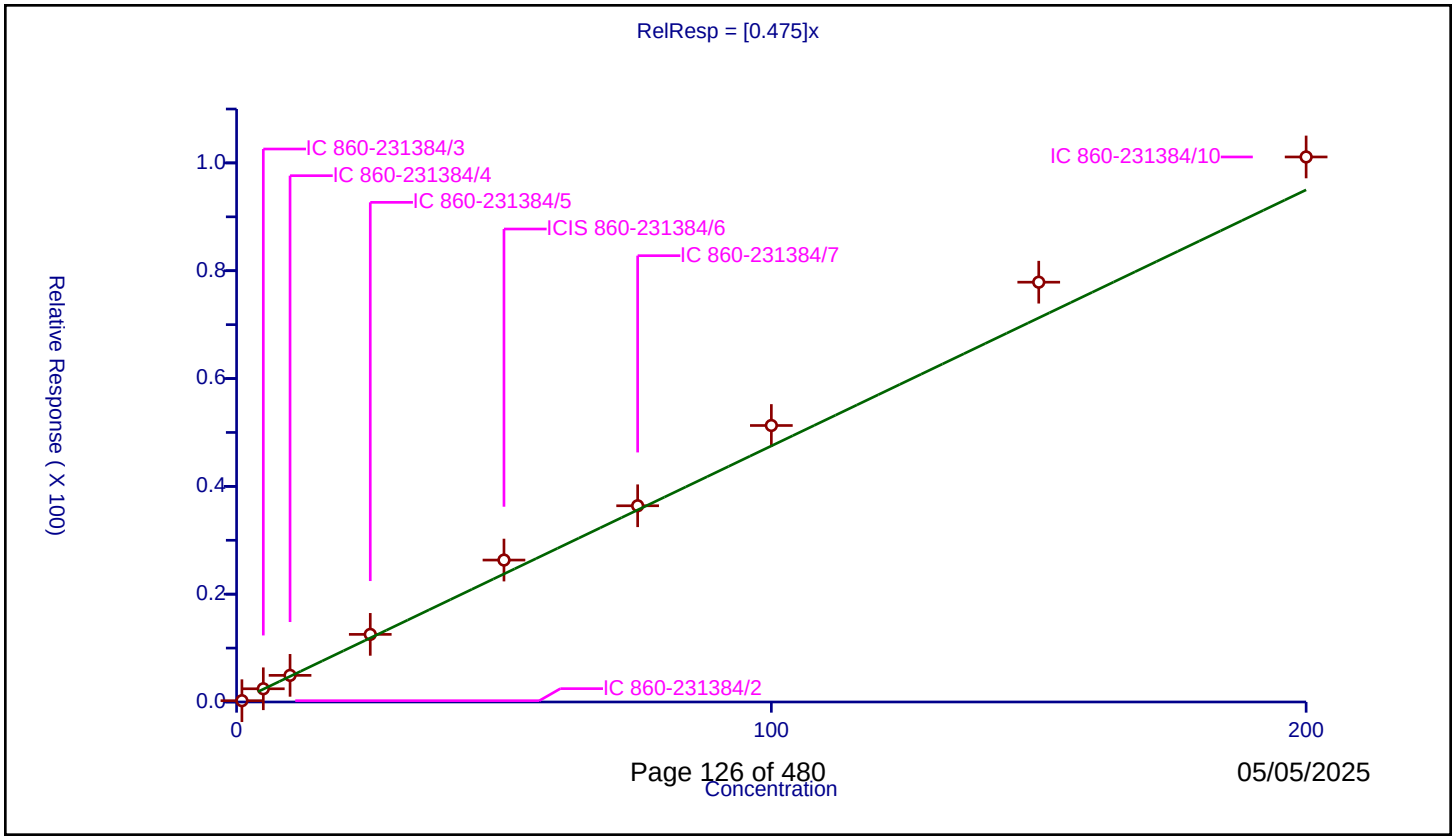
Curve Coefficients

Intercept:	0
Slope:	0.475

Error Coefficients

Relative Standard Deviation:	18.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	0.23987	50.0	235544.0	0.23987	Y
2	IC 860-231384/3	5.0	2.448731	50.0	229425.0	0.489746	Y
3	IC 860-231384/4	10.0	4.941398	50.0	236168.0	0.49414	Y
4	IC 860-231384/5	25.0	12.542145	50.0	231344.0	0.501686	Y
5	ICIS 860-231384/6	50.0	26.330809	50.0	237055.0	0.526616	Y
6	IC 860-231384/7	75.0	36.399521	50.0	246370.0	0.485327	Y
7	IC 860-231384/8	100.0	51.293473	50.0	250875.0	0.512935	Y
8	IC 860-231384/9	150.0	77.873611	50.0	244927.0	0.519157	Y
9	IC 860-231384/10	200.0	101.106386	50.0	248331.0	0.505532	Y



Calibration / Butadiene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

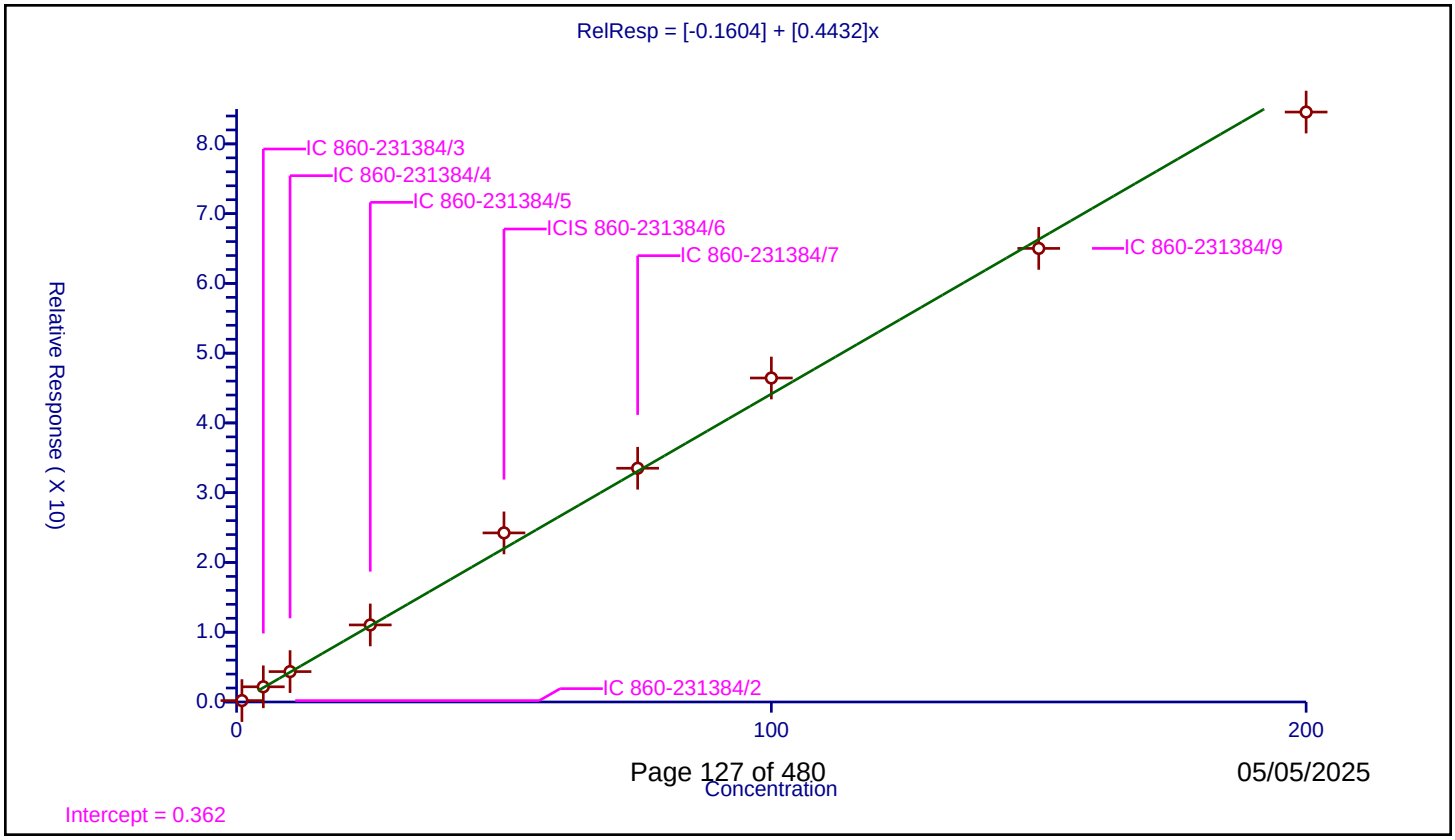
Curve Coefficients

Intercept:	-0.1604
Slope:	0.4432

Error Coefficients

Relative Standard Deviation:	8.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	0.19975	50.0	235544.0	0.19975	Y
2	IC 860-231384/3	5.0	2.177618	50.0	229425.0	0.435524	Y
3	IC 860-231384/4	10.0	4.354316	50.0	236168.0	0.435432	Y
4	IC 860-231384/5	25.0	11.045024	50.0	231344.0	0.441801	Y
5	ICIS 860-231384/6	50.0	24.238046	50.0	237055.0	0.484761	Y
6	IC 860-231384/7	75.0	33.506515	50.0	246370.0	0.446754	Y
7	IC 860-231384/8	100.0	46.442053	50.0	250875.0	0.464421	Y
8	IC 860-231384/9	150.0	65.020802	50.0	244927.0	0.433472	Y
9	IC 860-231384/10	200.0	84.562942	50.0	248331.0	0.422815	Y



Calibration / Ethylene oxide

Curve Type:	Quadratic
Weighting:	None
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

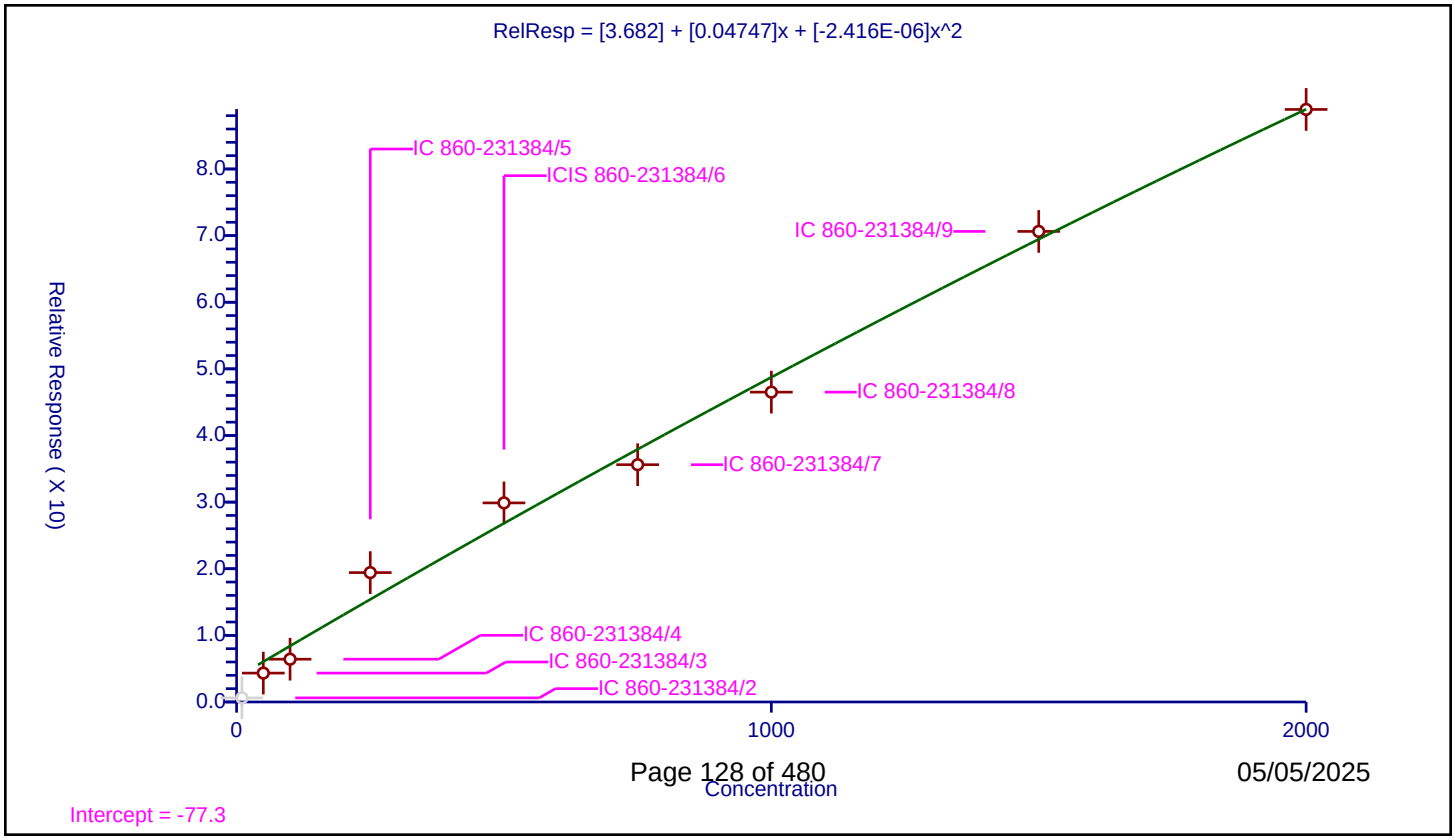
Curve Coefficients

Intercept:	3.682
Slope:	0.04747
Second Order:	-2.416E-06

Error Coefficients

Relative Standard Deviation:	41.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	10.0	0.619842	50.0	235544.0	0.061984	N
2	IC 860-231384/3	50.0	4.337583	50.0	229425.0	0.086752	Y
3	IC 860-231384/4	100.0	6.421488	50.0	236168.0	0.064215	Y
4	IC 860-231384/5	250.0	19.419998	50.0	231344.0	0.07768	Y
5	ICIS 860-231384/6	500.0	29.881884	50.0	237055.0	0.059764	Y
6	IC 860-231384/7	750.0	35.617161	50.0	246370.0	0.04749	Y
7	IC 860-231384/8	1000.0	46.506029	50.0	250875.0	0.046506	Y
8	IC 860-231384/9	1500.0	70.627983	50.0	244927.0	0.047085	Y
9	IC 860-231384/10	2000.0	88.935735	50.0	248331.0	0.044468	Y



Calibration / Bromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

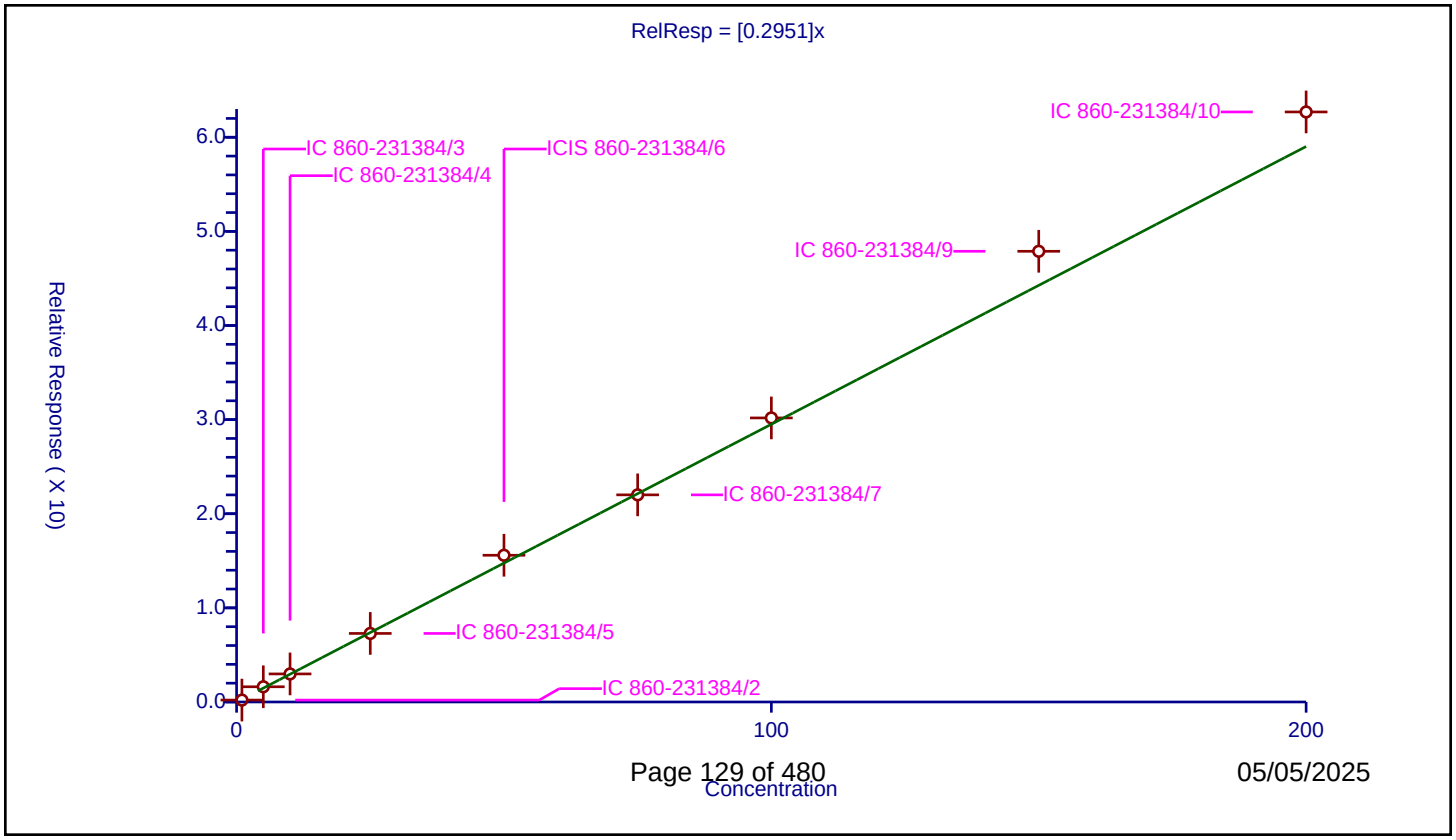
Curve Coefficients

Intercept:	0
Slope:	0.2951

Error Coefficients

Relative Standard Deviation:	12.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	0.203571	50.0	235544.0	0.203571	Y
2	IC 860-231384/3	5.0	1.615561	50.0	229425.0	0.323112	Y
3	IC 860-231384/4	10.0	2.981352	50.0	236168.0	0.298135	Y
4	IC 860-231384/5	25.0	7.281365	50.0	231344.0	0.291255	Y
5	ICIS 860-231384/6	50.0	15.589209	50.0	237055.0	0.311784	Y
6	IC 860-231384/7	75.0	22.005926	50.0	246370.0	0.293412	Y
7	IC 860-231384/8	100.0	30.181565	50.0	250875.0	0.301816	Y
8	IC 860-231384/9	150.0	47.885901	50.0	244927.0	0.319239	Y
9	IC 860-231384/10	200.0	62.688508	50.0	248331.0	0.313443	Y



Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

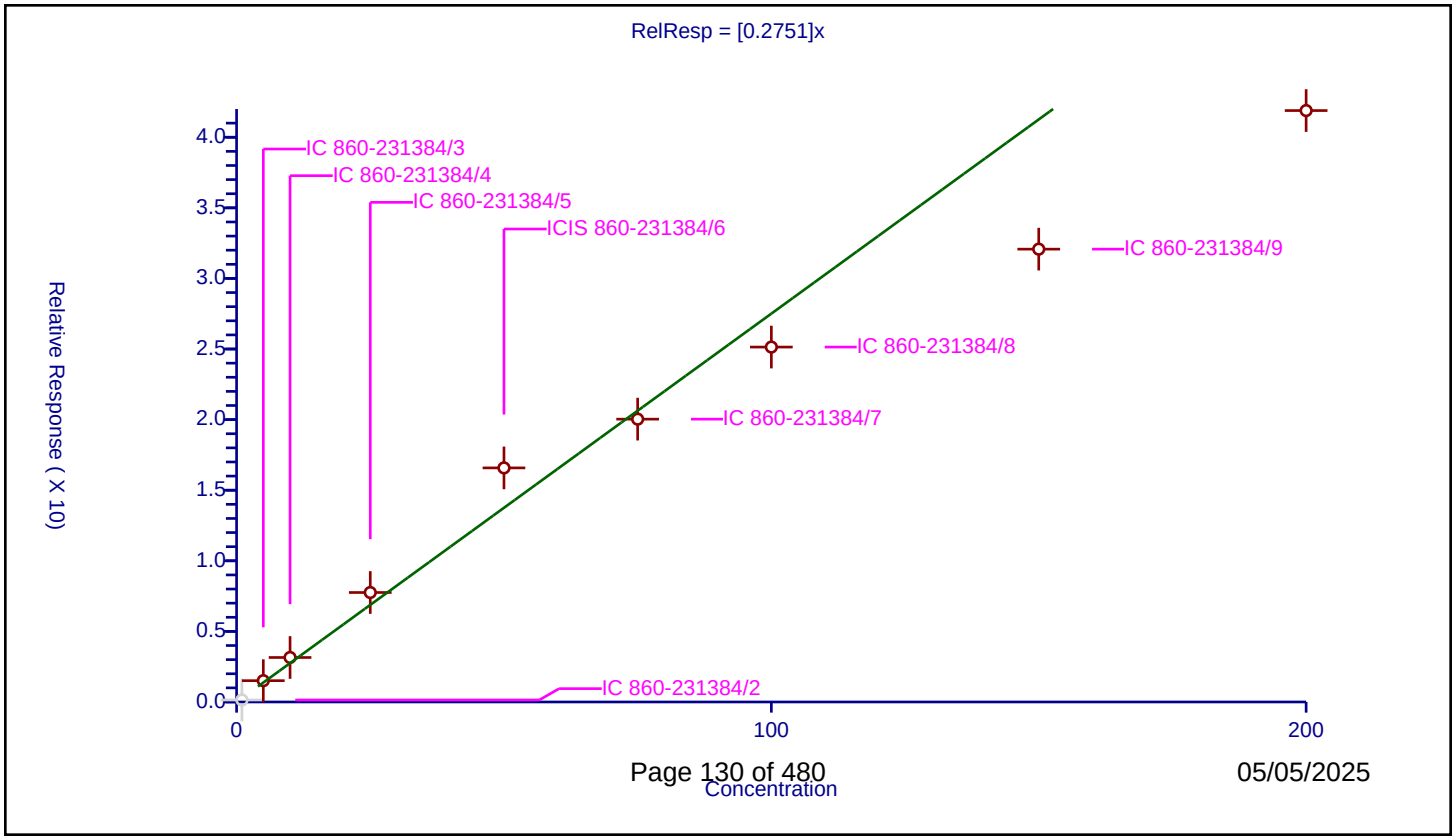
Curve Coefficients

Intercept:	0
Slope:	0.2751

Error Coefficients

Relative Standard Deviation:	17.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	0.143498	50.0	235544.0	0.143498	N
2	IC 860-231384/3	5.0	1.509208	50.0	229425.0	0.301842	Y
3	IC 860-231384/4	10.0	3.151358	50.0	236168.0	0.315136	Y
4	IC 860-231384/5	25.0	7.75447	50.0	231344.0	0.310179	Y
5	ICIS 860-231384/6	50.0	16.580119	50.0	237055.0	0.331602	Y
6	IC 860-231384/7	75.0	20.033486	50.0	246370.0	0.267113	Y
7	IC 860-231384/8	100.0	25.138814	50.0	250875.0	0.251388	Y
8	IC 860-231384/9	150.0	32.075067	50.0	244927.0	0.213834	Y
9	IC 860-231384/10	200.0	41.891065	50.0	248331.0	0.209455	Y



Calibration / Dichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

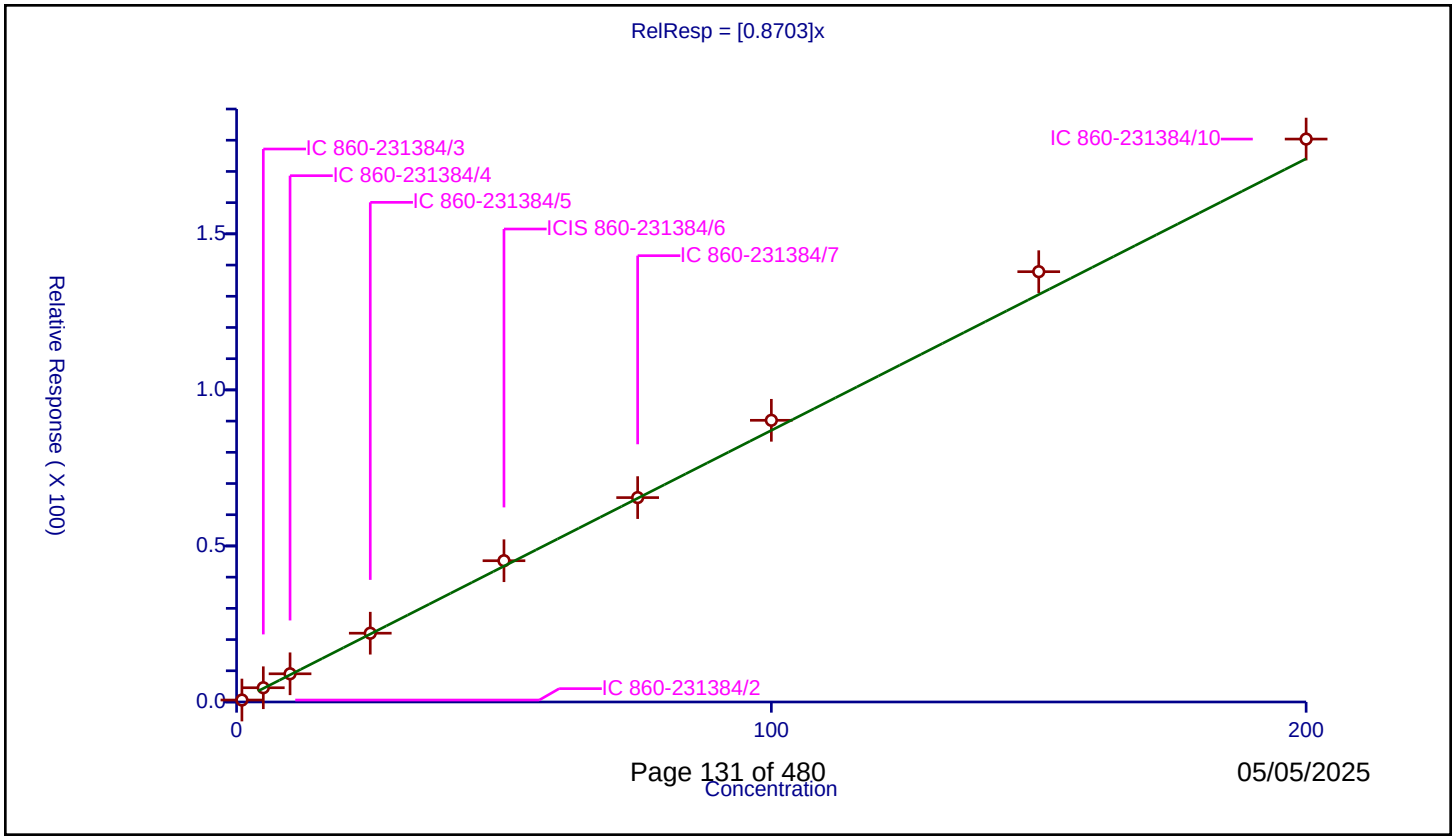
Curve Coefficients

Intercept:	0
Slope:	0.8703

Error Coefficients

Relative Standard Deviation:	10.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	0.632154	50.0	235544.0	0.632154	Y
2	IC 860-231384/3	5.0	4.566634	50.0	229425.0	0.913327	Y
3	IC 860-231384/4	10.0	9.037423	50.0	236168.0	0.903742	Y
4	IC 860-231384/5	25.0	22.038609	50.0	231344.0	0.881544	Y
5	ICIS 860-231384/6	50.0	45.267554	50.0	237055.0	0.905351	Y
6	IC 860-231384/7	75.0	65.486463	50.0	246370.0	0.873153	Y
7	IC 860-231384/8	100.0	90.261286	50.0	250875.0	0.902613	Y
8	IC 860-231384/9	150.0	137.880471	50.0	244927.0	0.919203	Y
9	IC 860-231384/10	200.0	180.36693	50.0	248331.0	0.901835	Y



Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

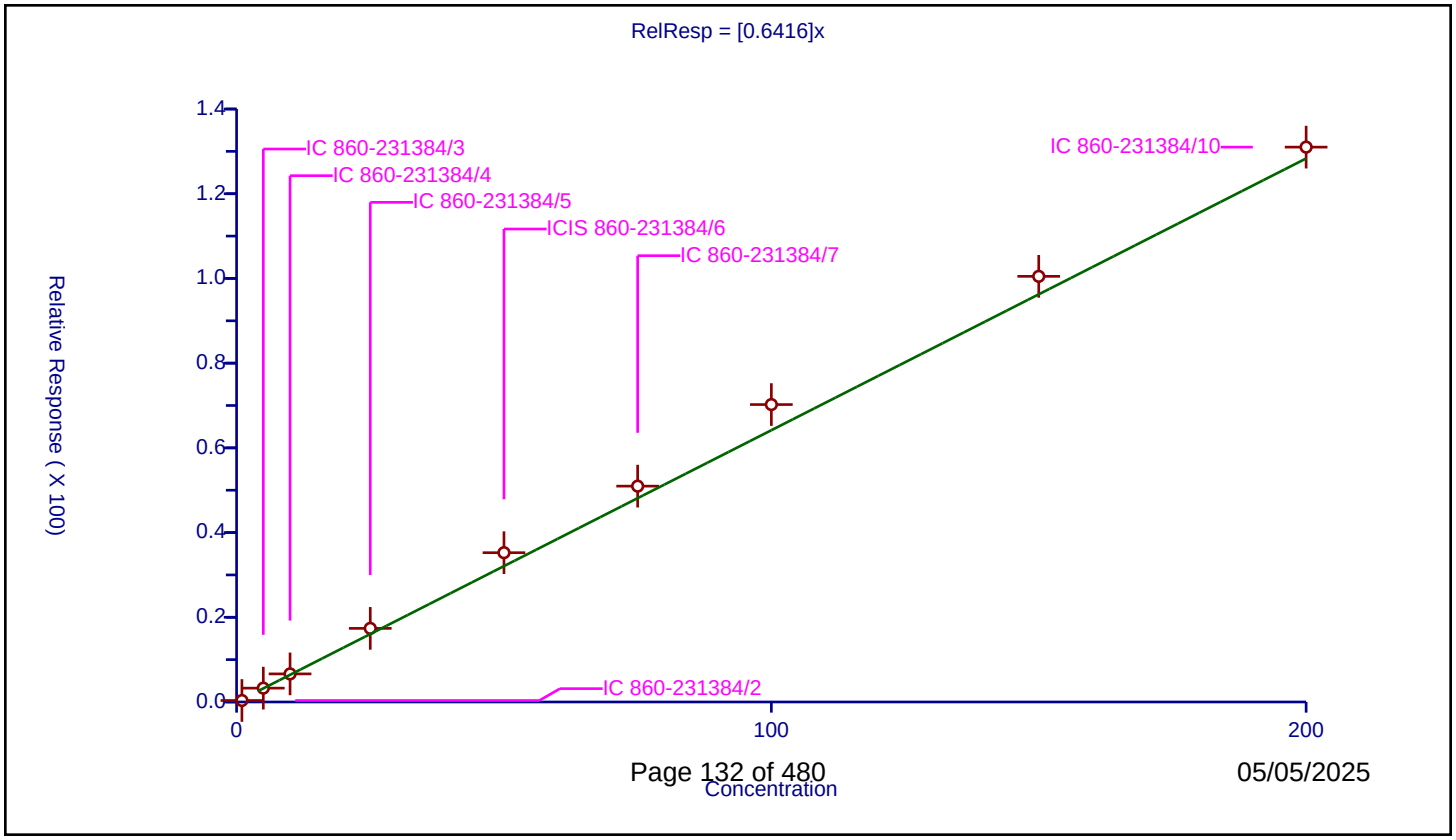
Curve Coefficients

Intercept:	0
Slope:	0.6416

Error Coefficients

Relative Standard Deviation:	17.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	0.349828	50.0	235544.0	0.349828	Y
2	IC 860-231384/3	5.0	3.273401	50.0	229425.0	0.65468	Y
3	IC 860-231384/4	10.0	6.63045	50.0	236168.0	0.663045	Y
4	IC 860-231384/5	25.0	17.381259	50.0	231344.0	0.69525	Y
5	ICIS 860-231384/6	50.0	35.248571	50.0	237055.0	0.704971	Y
6	IC 860-231384/7	75.0	50.965215	50.0	246370.0	0.679536	Y
7	IC 860-231384/8	100.0	70.220628	50.0	250875.0	0.702206	Y
8	IC 860-231384/9	150.0	100.489942	50.0	244927.0	0.669933	Y
9	IC 860-231384/10	200.0	131.005795	50.0	248331.0	0.655029	Y



Calibration / Ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

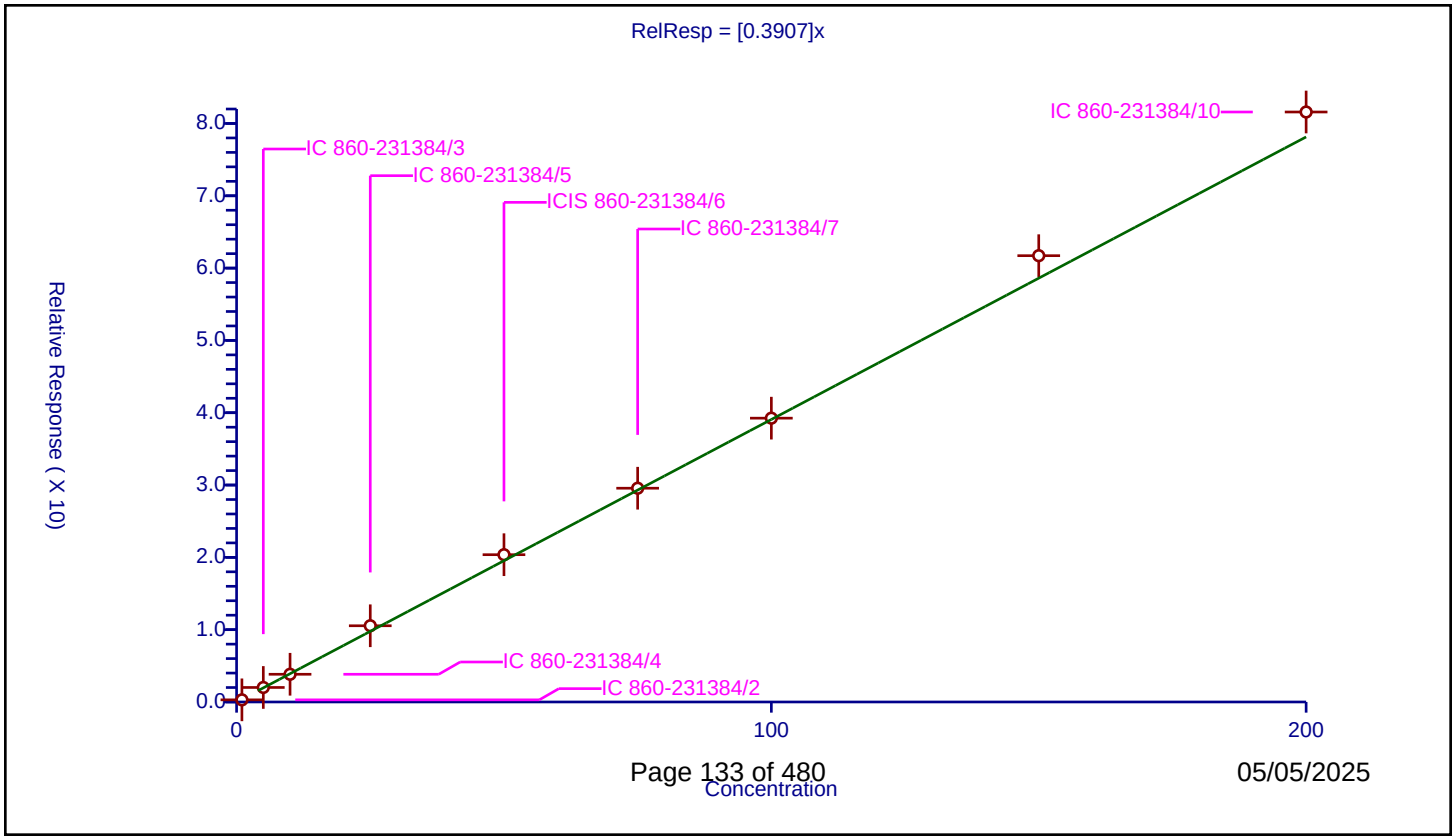
Curve Coefficients

Intercept:	0
Slope:	0.3907

Error Coefficients

Relative Standard Deviation:	9.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	0.296335	50.0	235544.0	0.296335	Y
2	IC 860-231384/3	5.0	2.008717	50.0	229425.0	0.401743	Y
3	IC 860-231384/4	10.0	3.831806	50.0	236168.0	0.383181	Y
4	IC 860-231384/5	25.0	10.541445	50.0	231344.0	0.421658	Y
5	ICIS 860-231384/6	50.0	20.368691	50.0	237055.0	0.407374	Y
6	IC 860-231384/7	75.0	29.561229	50.0	246370.0	0.39415	Y
7	IC 860-231384/8	100.0	39.248032	50.0	250875.0	0.39248	Y
8	IC 860-231384/9	150.0	61.719206	50.0	244927.0	0.411461	Y
9	IC 860-231384/10	200.0	81.587277	50.0	248331.0	0.407936	Y



Calibration / Isopropyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

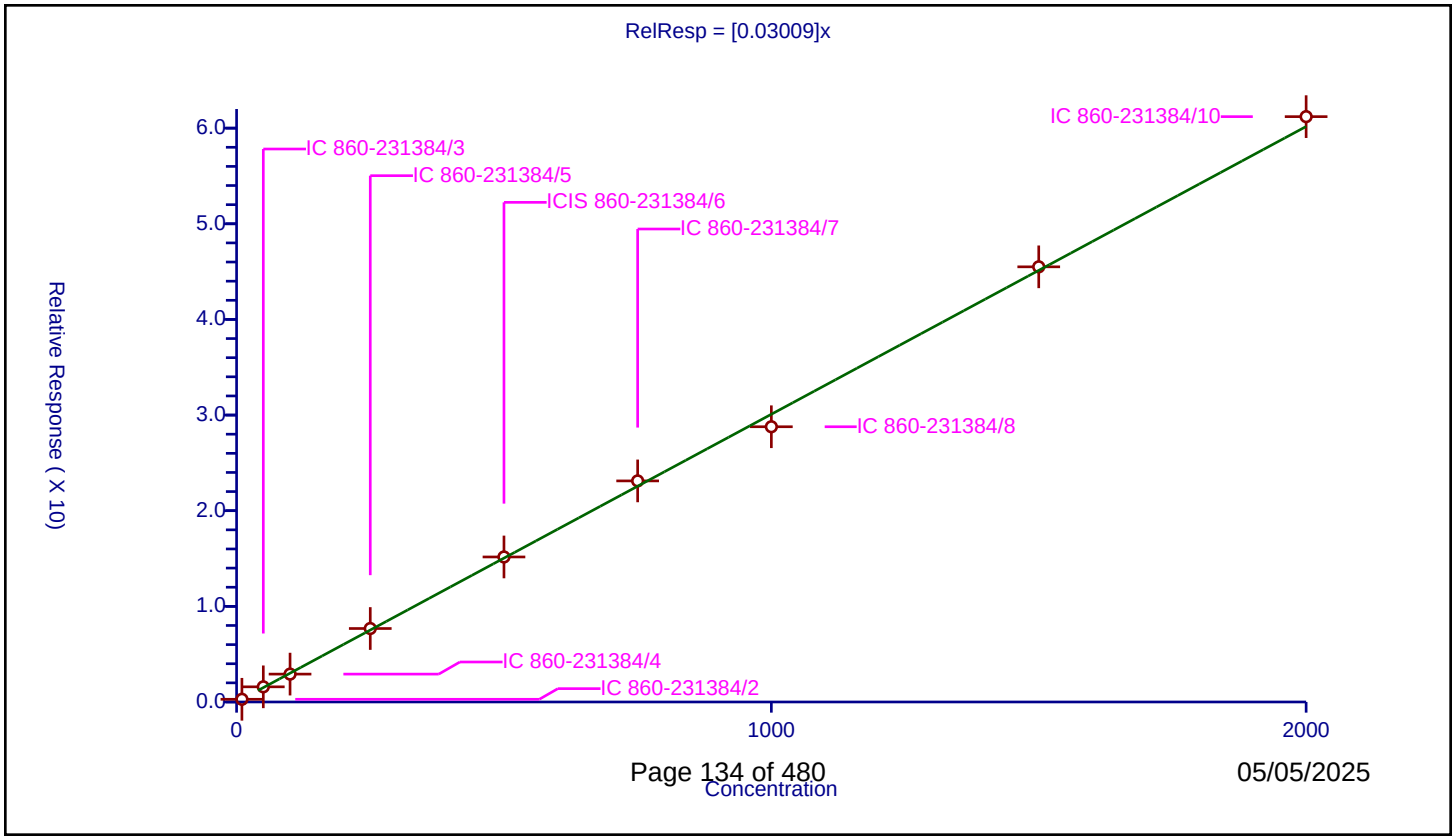
Curve Coefficients

Intercept:	0
Slope:	0.03009

Error Coefficients

Relative Standard Deviation:	3.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	10.0	0.283387	50.0	235544.0	0.028339	Y
2	IC 860-231384/3	50.0	1.584614	50.0	229425.0	0.031692	Y
3	IC 860-231384/4	100.0	2.914874	50.0	236168.0	0.029149	Y
4	IC 860-231384/5	250.0	7.68185	50.0	231344.0	0.030727	Y
5	ICIS 860-231384/6	500.0	15.162515	50.0	237055.0	0.030325	Y
6	IC 860-231384/7	750.0	23.116654	50.0	246370.0	0.030822	Y
7	IC 860-231384/8	1000.0	28.777678	50.0	250875.0	0.028778	Y
8	IC 860-231384/9	1500.0	45.498659	50.0	244927.0	0.030332	Y
9	IC 860-231384/10	2000.0	61.203193	50.0	248331.0	0.030602	Y



Calibration / Acrolein

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

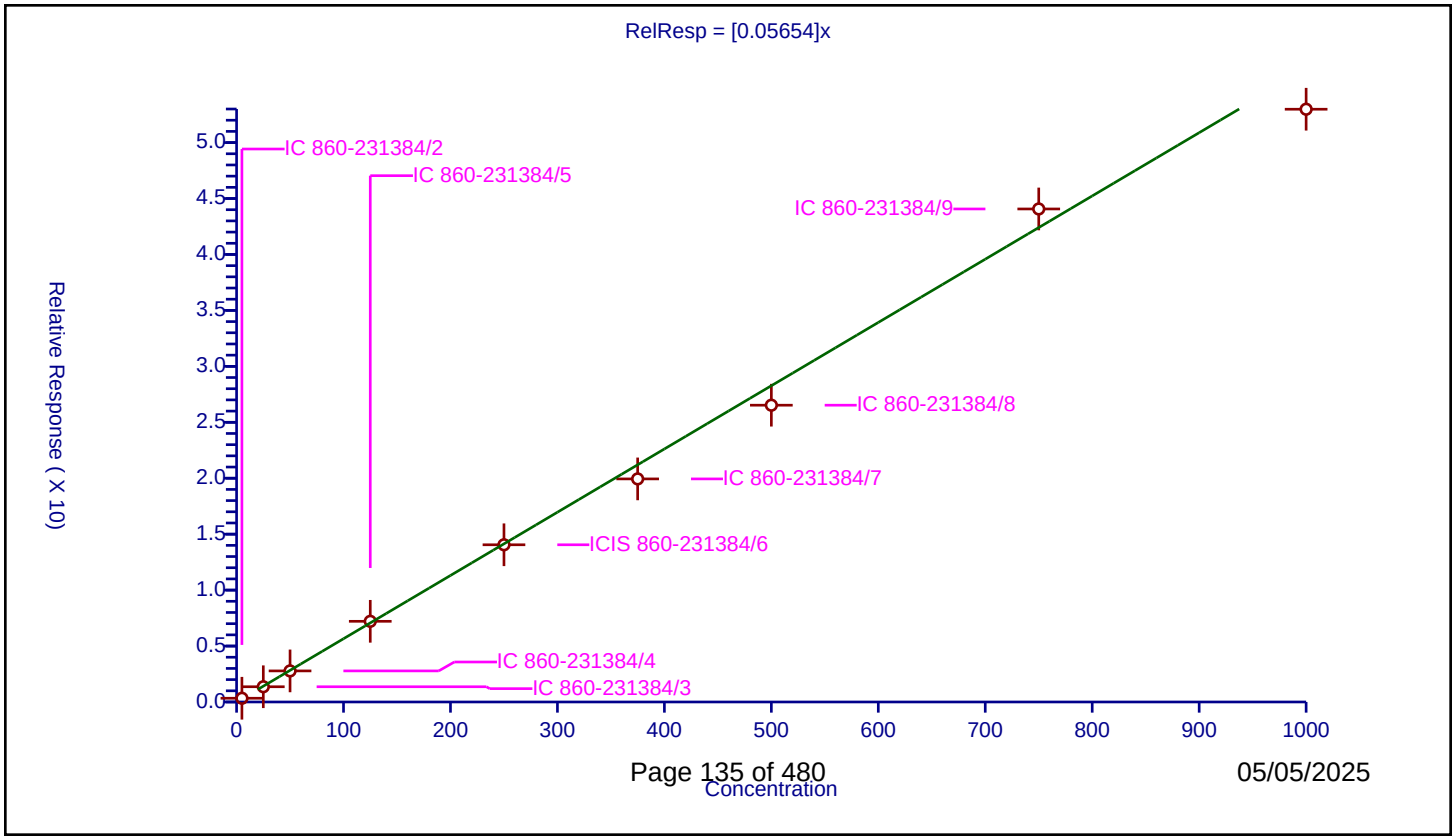
Curve Coefficients

Intercept:	0
Slope:	0.05654

Error Coefficients

Relative Standard Deviation:	7.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	5.0	0.334545	50.0	235544.0	0.066909	Y
2	IC 860-231384/3	25.0	1.363191	50.0	229425.0	0.054528	Y
3	IC 860-231384/4	50.0	2.777472	50.0	236168.0	0.055549	Y
4	IC 860-231384/5	125.0	7.210907	50.0	231344.0	0.057687	Y
5	ICIS 860-231384/6	250.0	14.050959	50.0	237055.0	0.056204	Y
6	IC 860-231384/7	375.0	19.939928	50.0	246370.0	0.053173	Y
7	IC 860-231384/8	500.0	26.526956	50.0	250875.0	0.053054	Y
8	IC 860-231384/9	750.0	44.067416	50.0	244927.0	0.058757	Y
9	IC 860-231384/10	1000.0	52.981102	50.0	248331.0	0.052981	Y



Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

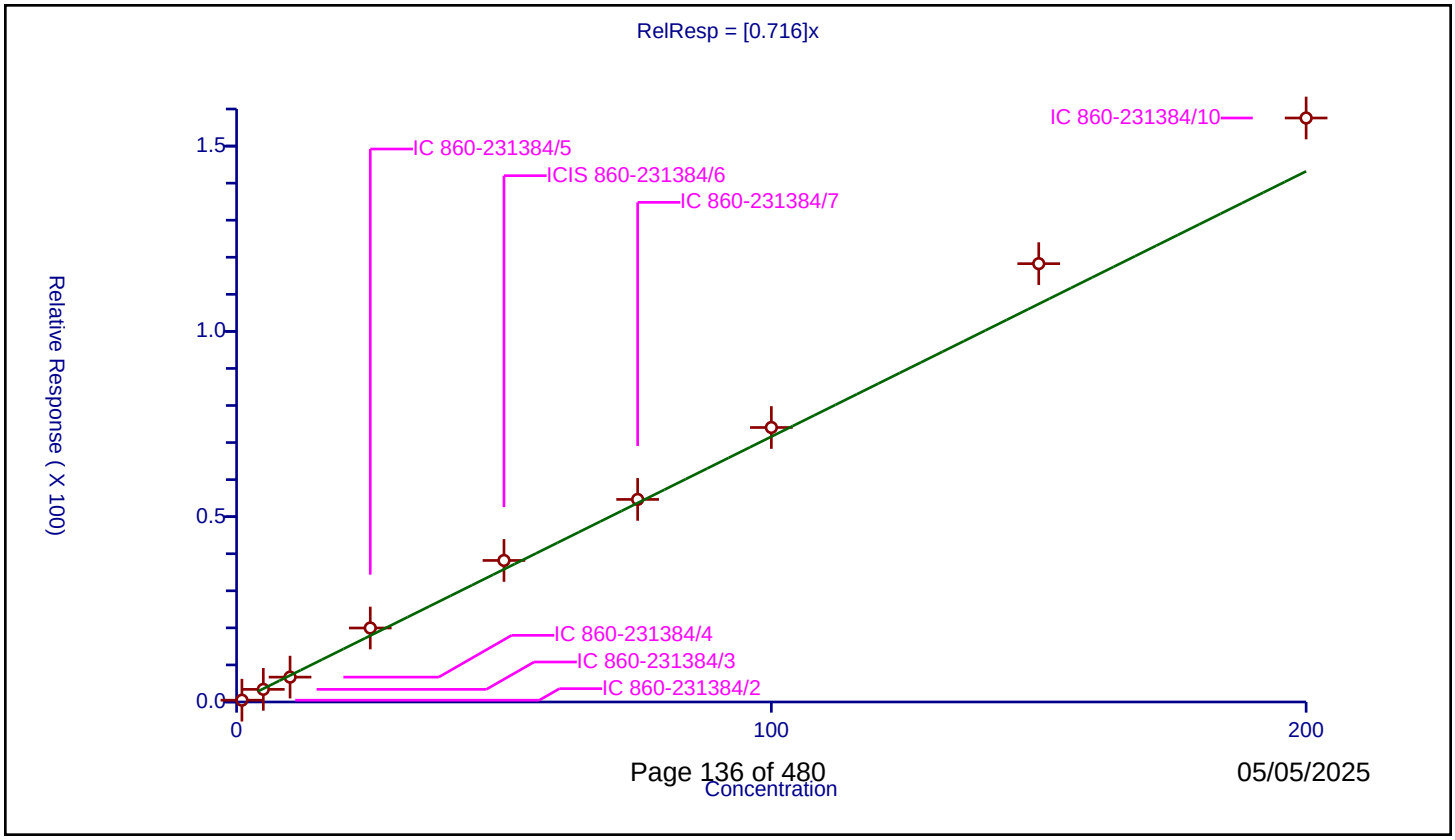
Curve Coefficients

Intercept:	0
Slope:	0.716

Error Coefficients

Relative Standard Deviation:	13.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	0.483137	50.0	235544.0	0.483137	Y
2	IC 860-231384/3	5.0	3.406342	50.0	229425.0	0.681268	Y
3	IC 860-231384/4	10.0	6.711748	50.0	236168.0	0.671175	Y
4	IC 860-231384/5	25.0	19.963129	50.0	231344.0	0.798525	Y
5	ICIS 860-231384/6	50.0	38.19177	50.0	237055.0	0.763835	Y
6	IC 860-231384/7	75.0	54.657223	50.0	246370.0	0.728763	Y
7	IC 860-231384/8	100.0	74.065371	50.0	250875.0	0.740654	Y
8	IC 860-231384/9	150.0	118.274629	50.0	244927.0	0.788498	Y
9	IC 860-231384/10	200.0	157.573561	50.0	248331.0	0.787868	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

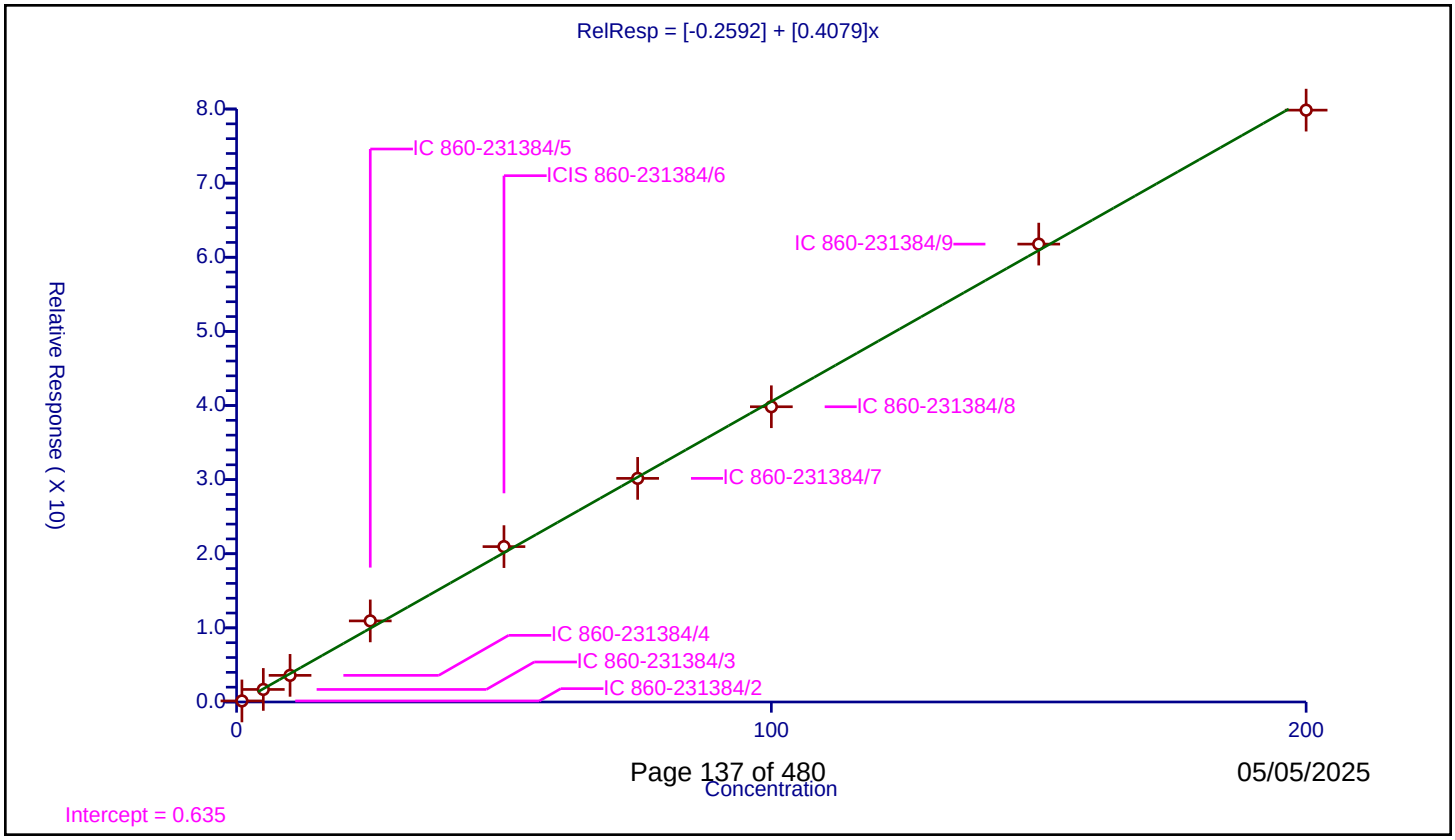
Curve Coefficients

Intercept:	-0.2592
Slope:	0.4079

Error Coefficients

Relative Standard Deviation:	5.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	0.14371	50.0	235544.0	0.14371	Y
2	IC 860-231384/3	5.0	1.692274	50.0	229425.0	0.338455	Y
3	IC 860-231384/4	10.0	3.592146	50.0	236168.0	0.359215	Y
4	IC 860-231384/5	25.0	10.937176	50.0	231344.0	0.437487	Y
5	ICIS 860-231384/6	50.0	20.960537	50.0	237055.0	0.419211	Y
6	IC 860-231384/7	75.0	30.169866	50.0	246370.0	0.402265	Y
7	IC 860-231384/8	100.0	39.832387	50.0	250875.0	0.398324	Y
8	IC 860-231384/9	150.0	61.773508	50.0	244927.0	0.411823	Y
9	IC 860-231384/10	200.0	79.849072	50.0	248331.0	0.399245	Y



Calibration / Acetone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

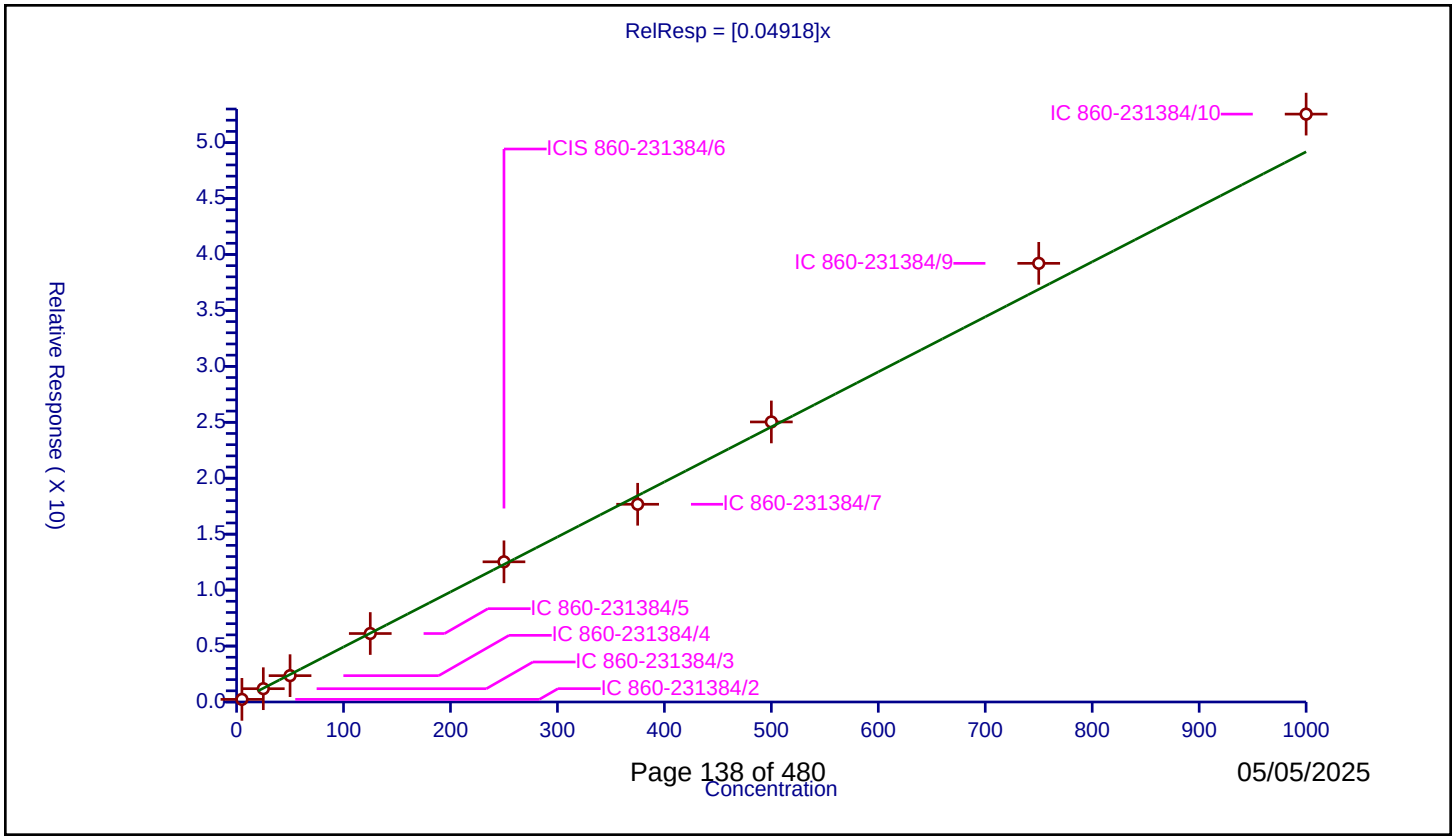
Curve Coefficients

Intercept:	0
Slope:	0.04918

Error Coefficients

Relative Standard Deviation:	4.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	5.0	0.234351	50.0	235544.0	0.04687	Y
2	IC 860-231384/3	25.0	1.188842	50.0	229425.0	0.047554	Y
3	IC 860-231384/4	50.0	2.354468	50.0	236168.0	0.047089	Y
4	IC 860-231384/5	125.0	6.119675	50.0	231344.0	0.048957	Y
5	ICIS 860-231384/6	250.0	12.529793	50.0	237055.0	0.050119	Y
6	IC 860-231384/7	375.0	17.671389	50.0	246370.0	0.047124	Y
7	IC 860-231384/8	500.0	25.029596	50.0	250875.0	0.050059	Y
8	IC 860-231384/9	750.0	39.206784	50.0	244927.0	0.052276	Y
9	IC 860-231384/10	1000.0	52.545594	50.0	248331.0	0.052546	Y



Calibration / Iodomethane

Curve Type:	Quadratic
Weighting:	None
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

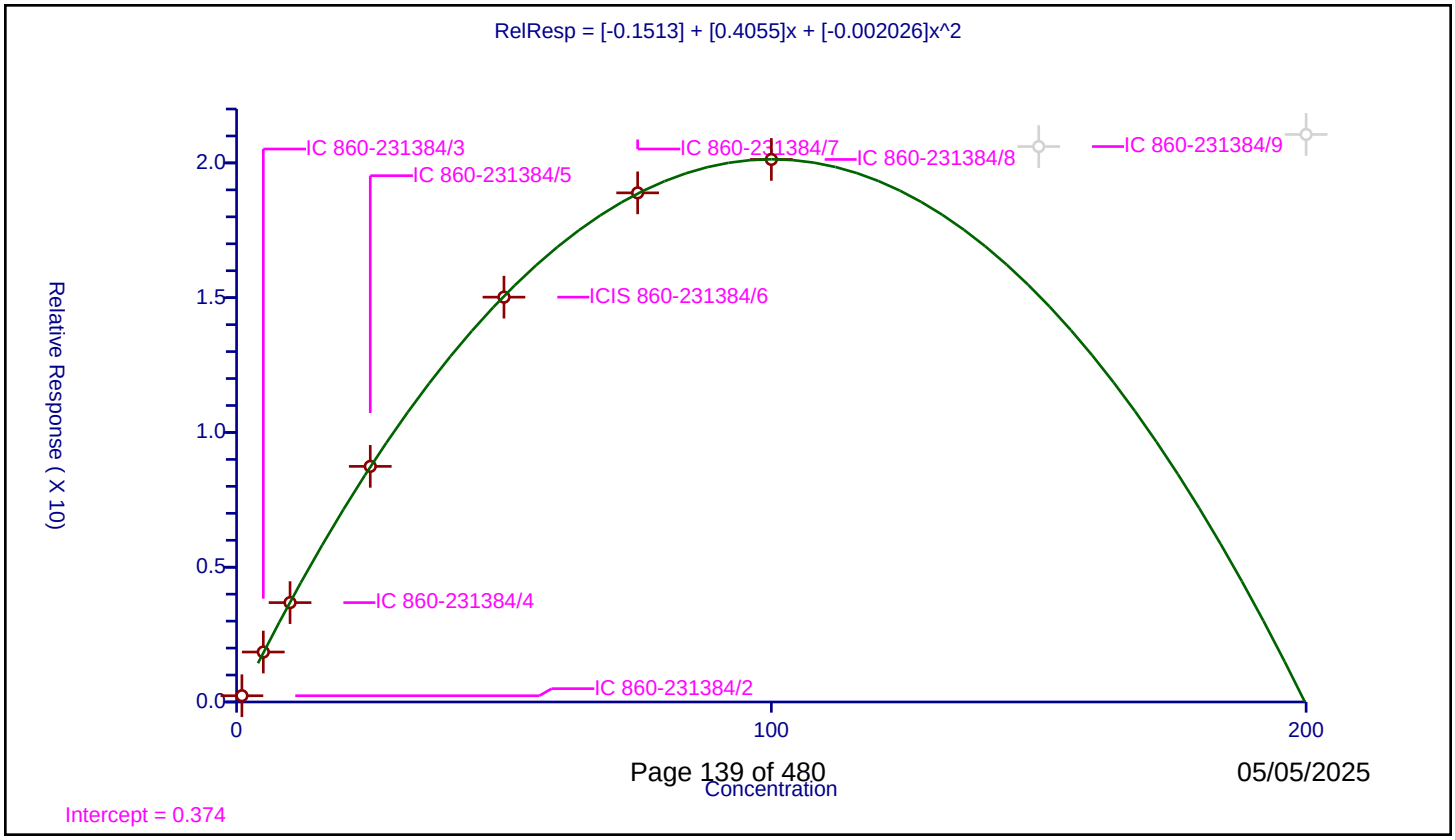
Curve Coefficients

Intercept:	-0.1513
Slope:	0.4055
Second Order:	-0.002026

Error Coefficients

Relative Standard Deviation:	2.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	0.232228	50.0	235544.0	0.232228	Y
2	IC 860-231384/3	5.0	1.853983	50.0	229425.0	0.370797	Y
3	IC 860-231384/4	10.0	3.686571	50.0	236168.0	0.368657	Y
4	IC 860-231384/5	25.0	8.741528	50.0	231344.0	0.349661	Y
5	ICIS 860-231384/6	50.0	15.020354	50.0	237055.0	0.300407	Y
6	IC 860-231384/7	75.0	18.889881	50.0	246370.0	0.251865	Y
7	IC 860-231384/8	100.0	20.128949	50.0	250875.0	0.201289	Y
8	IC 860-231384/9	150.0	20.608181	50.0	244927.0	0.137388	N
9	IC 860-231384/10	200.0	21.05597	50.0	248331.0	0.10528	N



Calibration / Carbon disulfide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

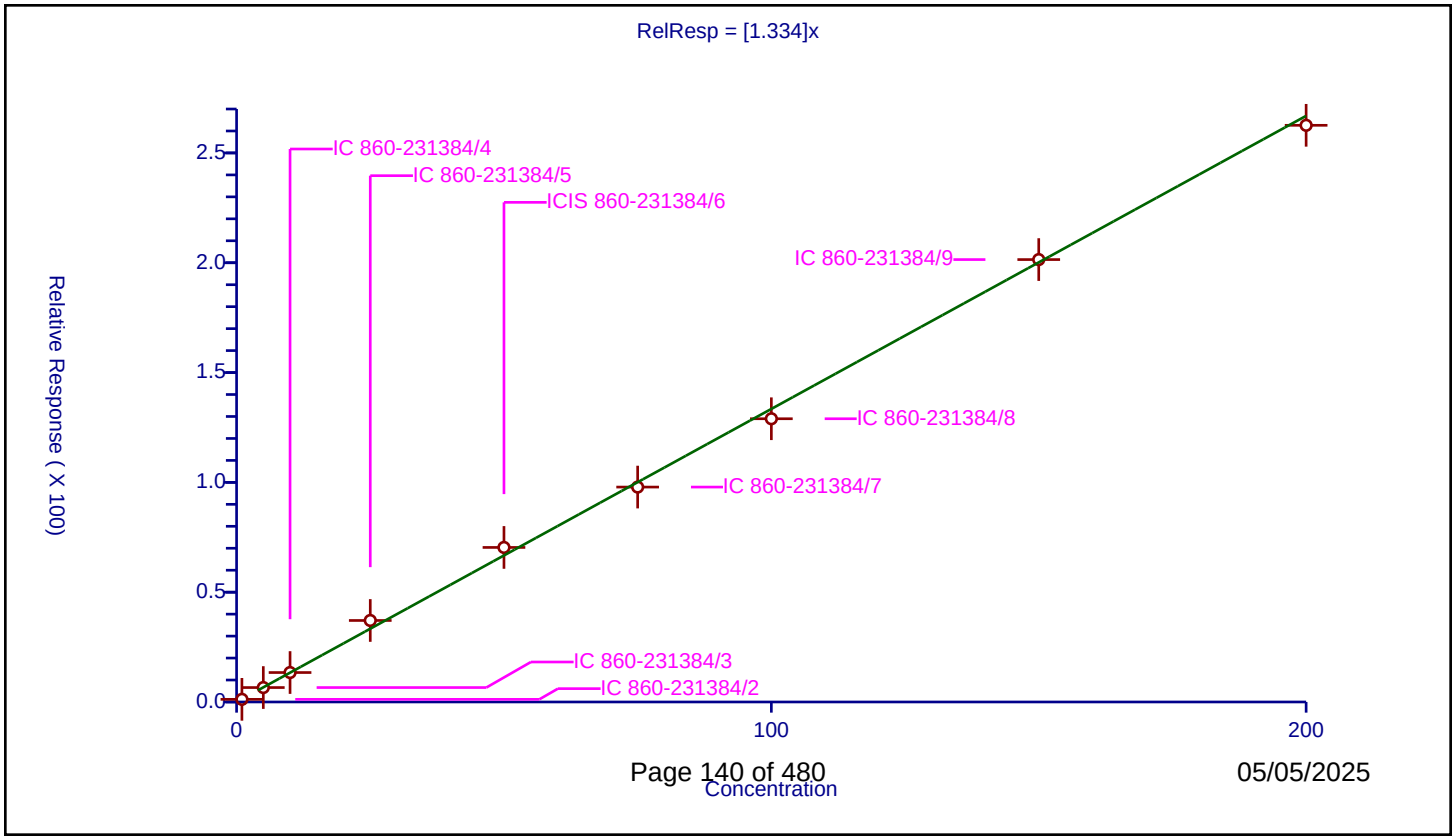
Curve Coefficients

Intercept:	0
Slope:	1.334

Error Coefficients

Relative Standard Deviation:	5.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	1.2123	50.0	235544.0	1.2123	Y
2	IC 860-231384/3	5.0	6.572518	50.0	229425.0	1.314504	Y
3	IC 860-231384/4	10.0	13.405076	50.0	236168.0	1.340508	Y
4	IC 860-231384/5	25.0	37.115292	50.0	231344.0	1.484612	Y
5	ICIS 860-231384/6	50.0	70.374808	50.0	237055.0	1.407496	Y
6	IC 860-231384/7	75.0	97.858708	50.0	246370.0	1.304783	Y
7	IC 860-231384/8	100.0	128.972795	50.0	250875.0	1.289728	Y
8	IC 860-231384/9	150.0	201.439817	50.0	244927.0	1.342932	Y
9	IC 860-231384/10	200.0	262.583608	50.0	248331.0	1.312918	Y



Calibration / 3-Chloro-1-propene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

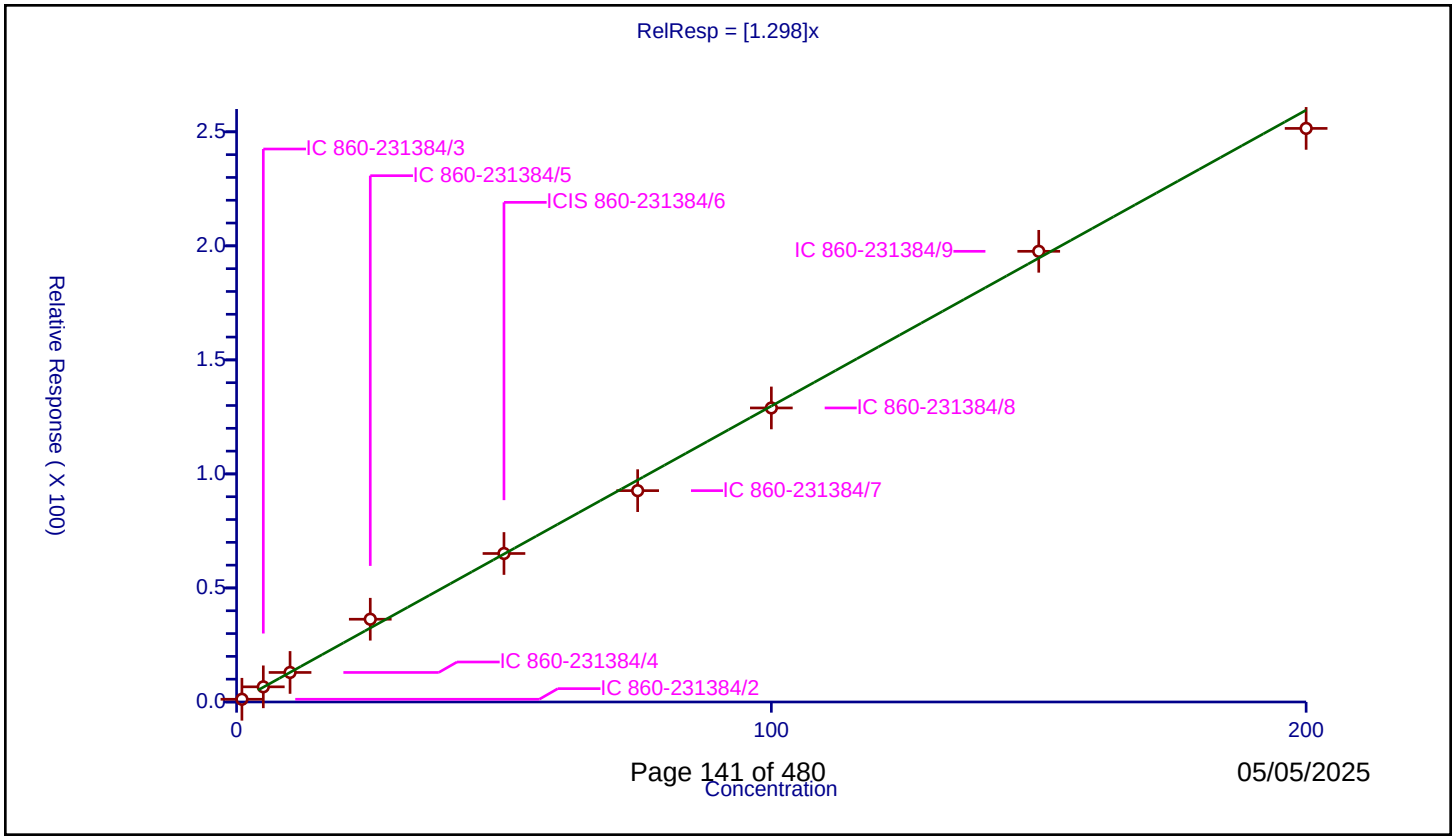
Curve Coefficients

Intercept:	0
Slope:	1.298

Error Coefficients

Relative Standard Deviation:	5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	1.199988	50.0	235544.0	1.199988	Y
2	IC 860-231384/3	5.0	6.64727	50.0	229425.0	1.329454	Y
3	IC 860-231384/4	10.0	12.947563	50.0	236168.0	1.294756	Y
4	IC 860-231384/5	25.0	36.291194	50.0	231344.0	1.451648	Y
5	ICIS 860-231384/6	50.0	65.109785	50.0	237055.0	1.302196	Y
6	IC 860-231384/7	75.0	92.662865	50.0	246370.0	1.235505	Y
7	IC 860-231384/8	100.0	128.922571	50.0	250875.0	1.289226	Y
8	IC 860-231384/9	150.0	197.611737	50.0	244927.0	1.317412	Y
9	IC 860-231384/10	200.0	251.503638	50.0	248331.0	1.257518	Y



Calibration / Acetonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

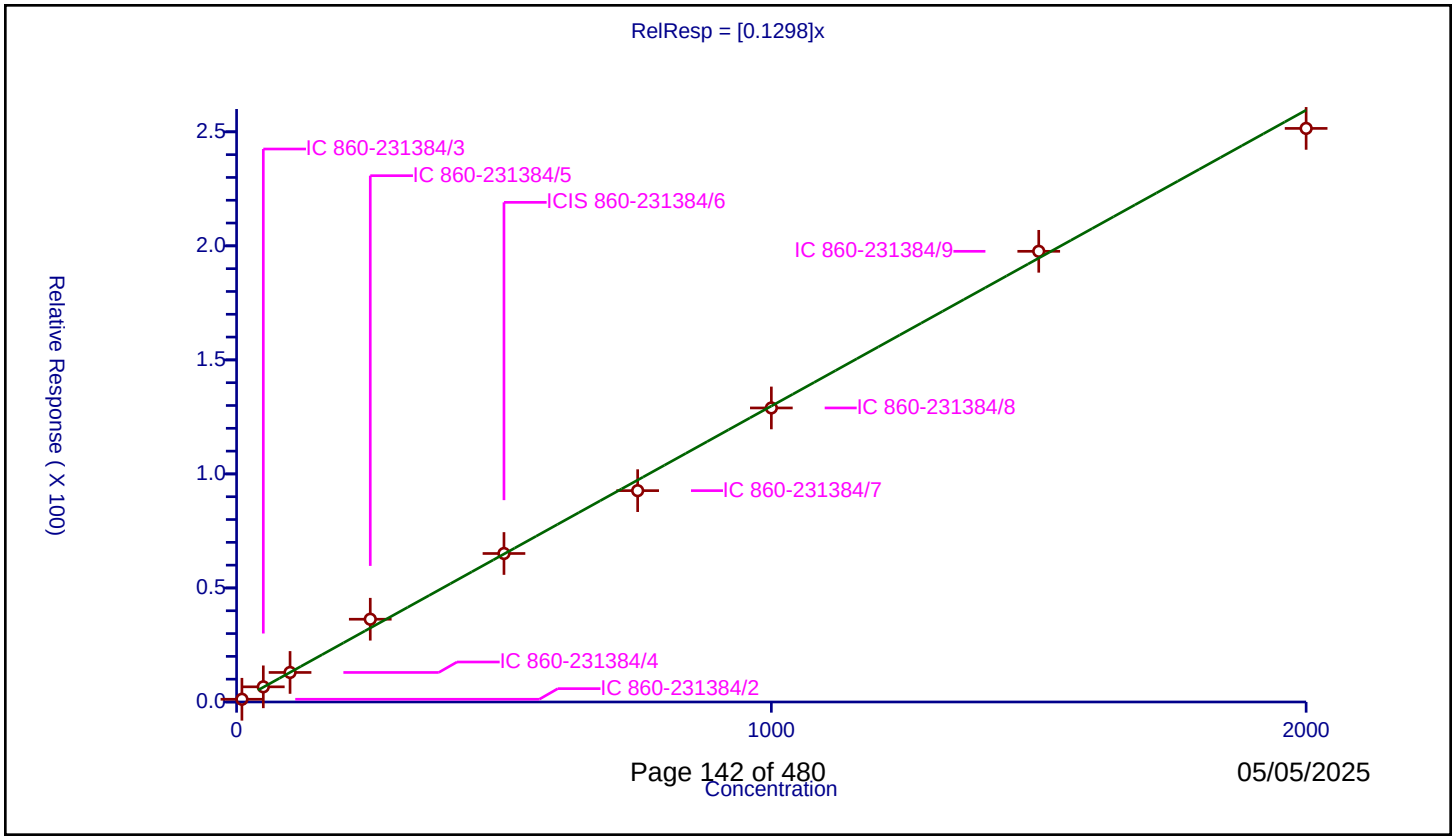
Curve Coefficients

Intercept:	0
Slope:	0.1298

Error Coefficients

Relative Standard Deviation:	5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	10.0	1.199988	50.0	235544.0	0.119999	Y
2	IC 860-231384/3	50.0	6.64727	50.0	229425.0	0.132945	Y
3	IC 860-231384/4	100.0	12.947563	50.0	236168.0	0.129476	Y
4	IC 860-231384/5	250.0	36.291194	50.0	231344.0	0.145165	Y
5	ICIS 860-231384/6	500.0	65.109785	50.0	237055.0	0.13022	Y
6	IC 860-231384/7	750.0	92.662865	50.0	246370.0	0.12355	Y
7	IC 860-231384/8	1000.0	128.922571	50.0	250875.0	0.128923	Y
8	IC 860-231384/9	1500.0	197.611737	50.0	244927.0	0.131741	Y
9	IC 860-231384/10	2000.0	251.503638	50.0	248331.0	0.125752	Y



Calibration / Methyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

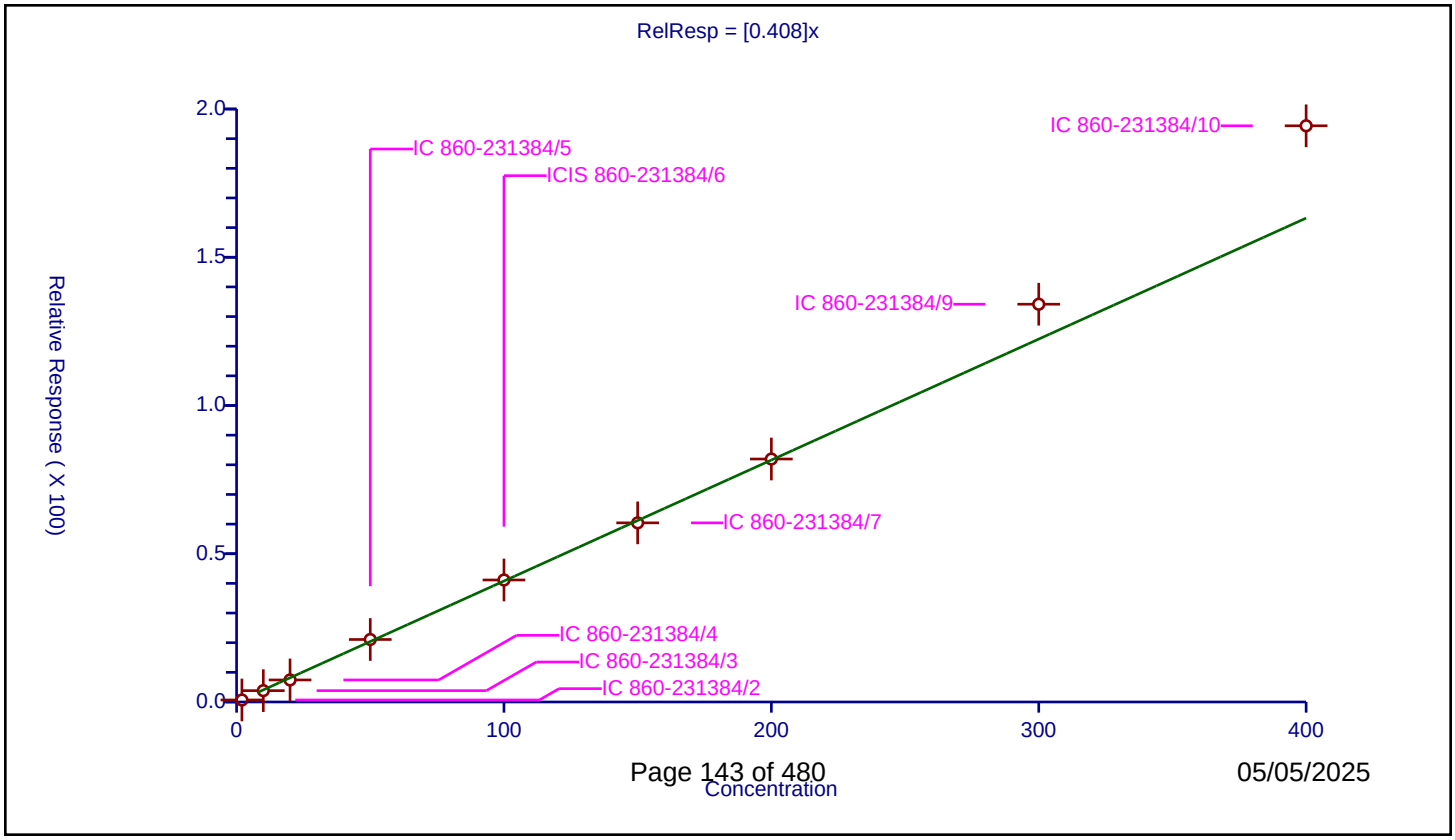
Curve Coefficients

Intercept:	0
Slope:	0.408

Error Coefficients

Relative Standard Deviation:	10.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	2.0	0.677156	50.0	235544.0	0.338578	Y
2	IC 860-231384/3	10.0	3.828484	50.0	229425.0	0.382848	Y
3	IC 860-231384/4	20.0	7.436655	50.0	236168.0	0.371833	Y
4	IC 860-231384/5	50.0	21.081161	50.0	231344.0	0.421623	Y
5	ICIS 860-231384/6	100.0	41.155428	50.0	237055.0	0.411554	Y
6	IC 860-231384/7	150.0	60.422129	50.0	246370.0	0.402814	Y
7	IC 860-231384/8	200.0	81.947583	50.0	250875.0	0.409738	Y
8	IC 860-231384/9	300.0	134.162832	50.0	244927.0	0.447209	Y
9	IC 860-231384/10	400.0	194.339007	50.0	248331.0	0.485848	Y



Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

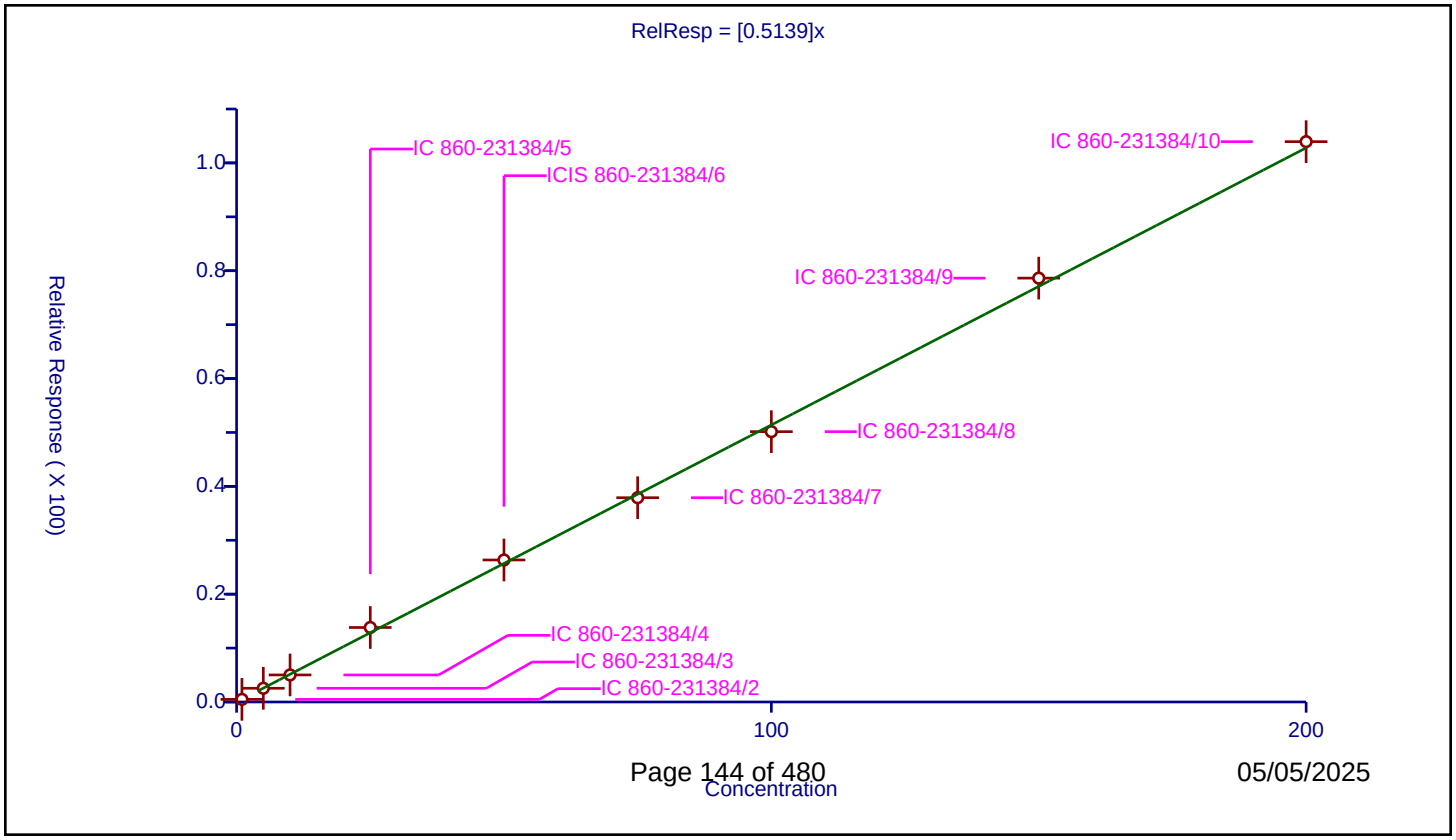
Curve Coefficients

Intercept:	0
Slope:	0.5139

Error Coefficients

Relative Standard Deviation:	3.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	0.484835	50.0	235544.0	0.484835	Y
2	IC 860-231384/3	5.0	2.543533	50.0	229425.0	0.508707	Y
3	IC 860-231384/4	10.0	5.016133	50.0	236168.0	0.501613	Y
4	IC 860-231384/5	25.0	13.820977	50.0	231344.0	0.552839	Y
5	ICIS 860-231384/6	50.0	26.341988	50.0	237055.0	0.52684	Y
6	IC 860-231384/7	75.0	37.897065	50.0	246370.0	0.505294	Y
7	IC 860-231384/8	100.0	50.147882	50.0	250875.0	0.501479	Y
8	IC 860-231384/9	150.0	78.626489	50.0	244927.0	0.524177	Y
9	IC 860-231384/10	200.0	103.944534	50.0	248331.0	0.519723	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

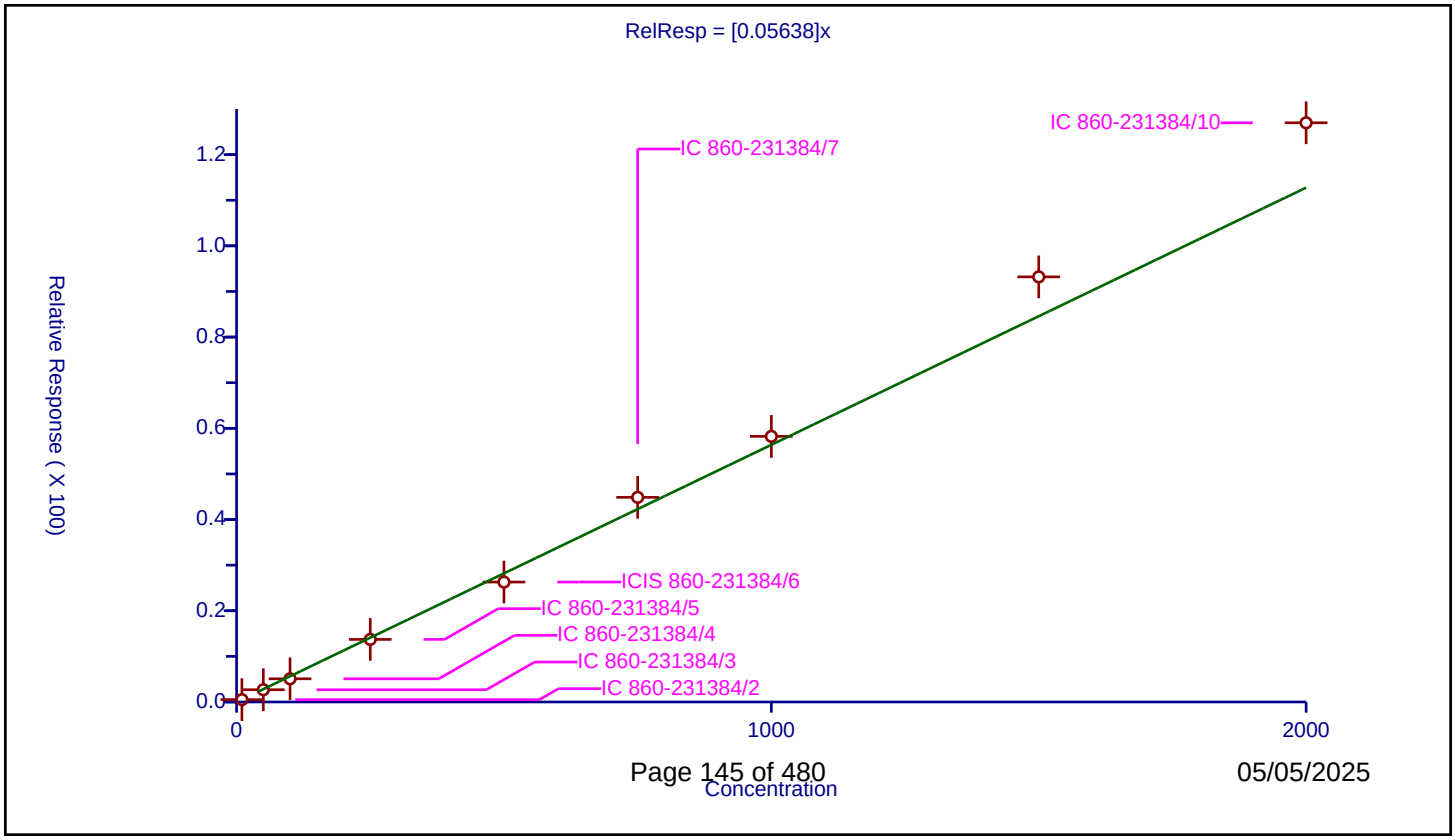
Curve Coefficients

Intercept:	0
Slope:	0.05638

Error Coefficients

Relative Standard Deviation:	8.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	10.0	0.517313	50.0	235544.0	0.051731	Y
2	IC 860-231384/3	50.0	2.687153	50.0	229425.0	0.053743	Y
3	IC 860-231384/4	100.0	5.080494	50.0	236168.0	0.050805	Y
4	IC 860-231384/5	250.0	13.720909	50.0	231344.0	0.054884	Y
5	ICIS 860-231384/6	500.0	26.292422	50.0	237055.0	0.052585	Y
6	IC 860-231384/7	750.0	44.864026	50.0	246370.0	0.059819	Y
7	IC 860-231384/8	1000.0	58.231789	50.0	250875.0	0.058232	Y
8	IC 860-231384/9	1500.0	93.196544	50.0	244927.0	0.062131	Y
9	IC 860-231384/10	2000.0	126.985556	50.0	248331.0	0.063493	Y



Calibration / Acrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

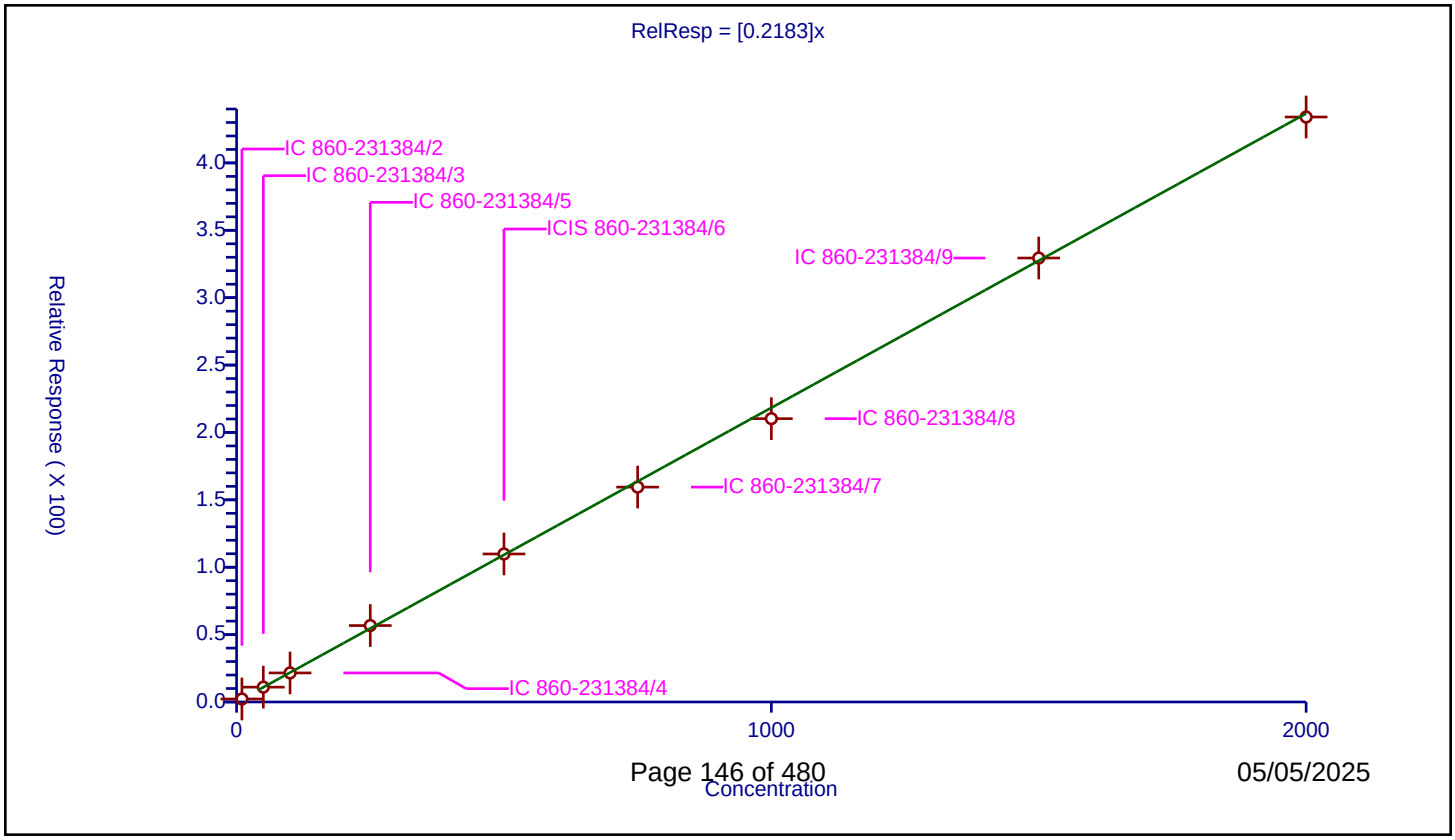
Curve Coefficients

Intercept:	0
Slope:	0.2183

Error Coefficients

Relative Standard Deviation:	2.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	10.0	2.230581	50.0	235544.0	0.223058	Y
2	IC 860-231384/3	50.0	11.011878	50.0	229425.0	0.220238	Y
3	IC 860-231384/4	100.0	21.55563	50.0	236168.0	0.215556	Y
4	IC 860-231384/5	250.0	56.720079	50.0	231344.0	0.22688	Y
5	ICIS 860-231384/6	500.0	109.822193	50.0	237055.0	0.219644	Y
6	IC 860-231384/7	750.0	159.460364	50.0	246370.0	0.212614	Y
7	IC 860-231384/8	1000.0	210.24275	50.0	250875.0	0.210243	Y
8	IC 860-231384/9	1500.0	329.430198	50.0	244927.0	0.21962	Y
9	IC 860-231384/10	2000.0	434.056763	50.0	248331.0	0.217028	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

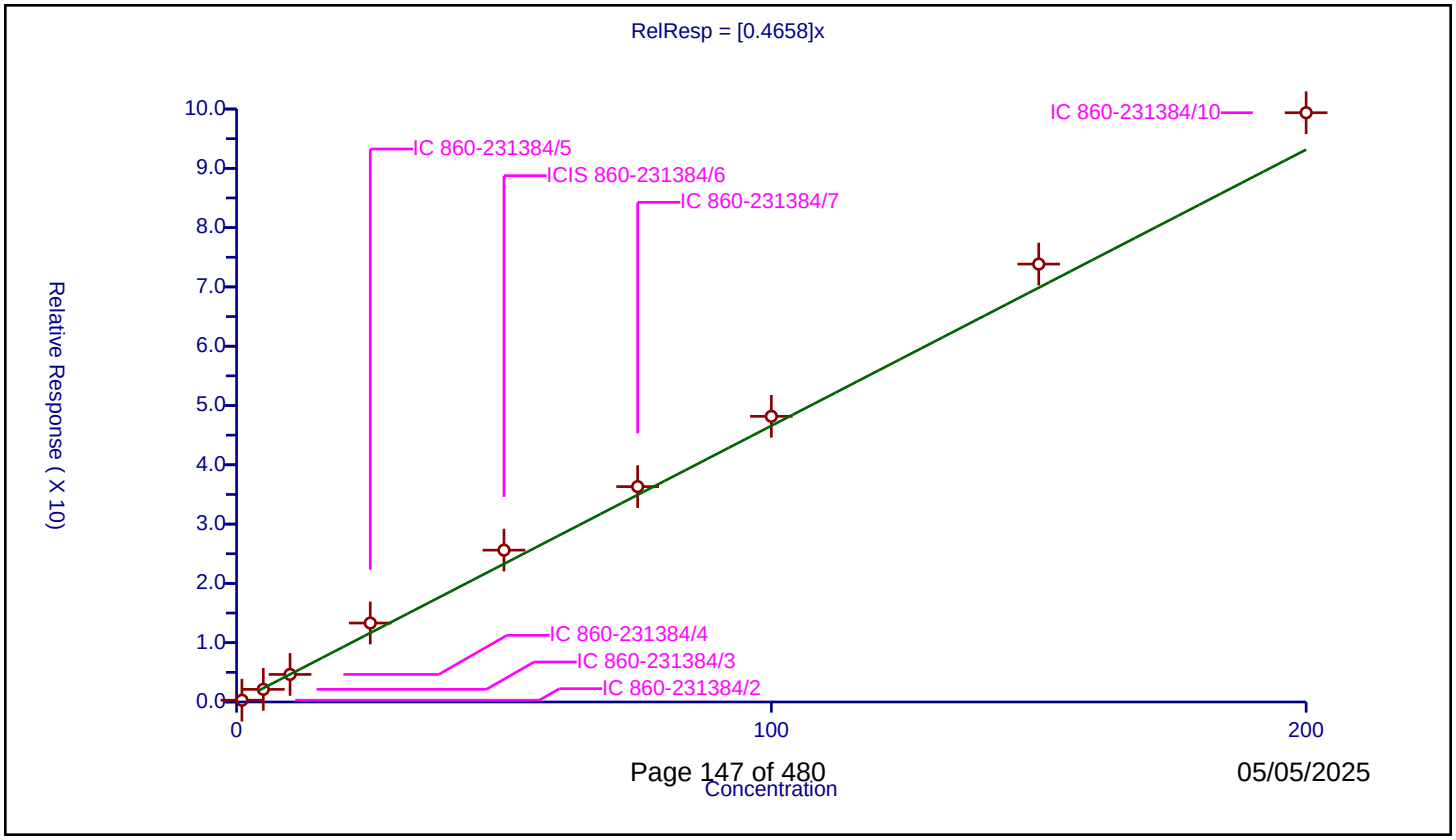
Curve Coefficients

Intercept:	0
Slope:	0.4658

Error Coefficients

Relative Standard Deviation:	14.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	0.301218	50.0	235544.0	0.301218	Y
2	IC 860-231384/3	5.0	2.130544	50.0	229425.0	0.426109	Y
3	IC 860-231384/4	10.0	4.646904	50.0	236168.0	0.46469	Y
4	IC 860-231384/5	25.0	13.313291	50.0	231344.0	0.532532	Y
5	ICIS 860-231384/6	50.0	25.608192	50.0	237055.0	0.512164	Y
6	IC 860-231384/7	75.0	36.320981	50.0	246370.0	0.48428	Y
7	IC 860-231384/8	100.0	48.176183	50.0	250875.0	0.481762	Y
8	IC 860-231384/9	150.0	73.847514	50.0	244927.0	0.492317	Y
9	IC 860-231384/10	200.0	99.372813	50.0	248331.0	0.496864	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

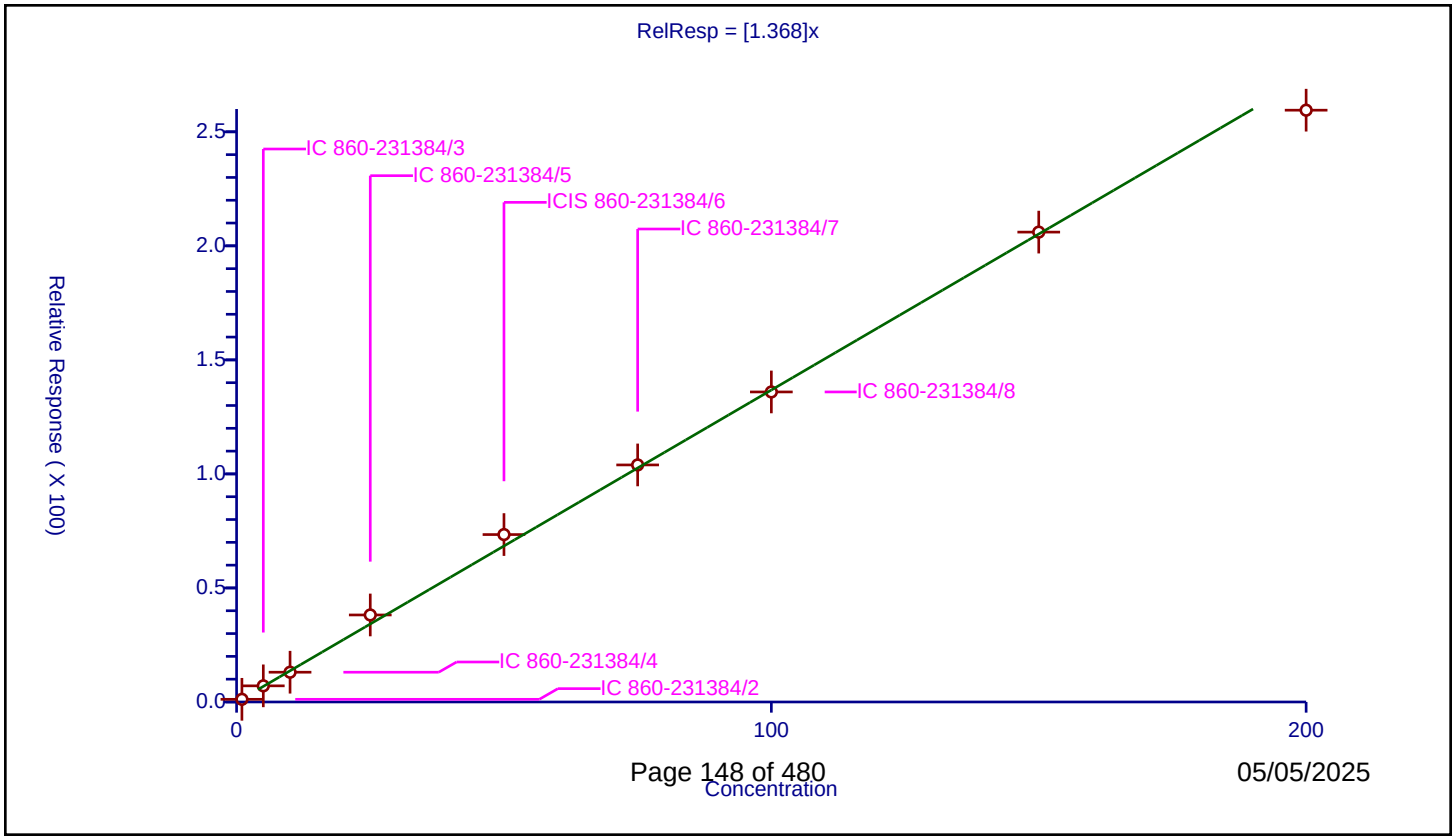
Curve Coefficients

Intercept:	0
Slope:	1.368

Error Coefficients

Relative Standard Deviation:	7.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	1.178548	50.0	235544.0	1.178548	Y
2	IC 860-231384/3	5.0	7.081181	50.0	229425.0	1.416236	Y
3	IC 860-231384/4	10.0	13.052361	50.0	236168.0	1.305236	Y
4	IC 860-231384/5	25.0	38.158543	50.0	231344.0	1.526342	Y
5	ICIS 860-231384/6	50.0	73.408281	50.0	237055.0	1.468166	Y
6	IC 860-231384/7	75.0	103.945083	50.0	246370.0	1.385934	Y
7	IC 860-231384/8	100.0	135.938615	50.0	250875.0	1.359386	Y
8	IC 860-231384/9	150.0	206.03241	50.0	244927.0	1.373549	Y
9	IC 860-231384/10	200.0	259.479888	50.0	248331.0	1.297399	Y



Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

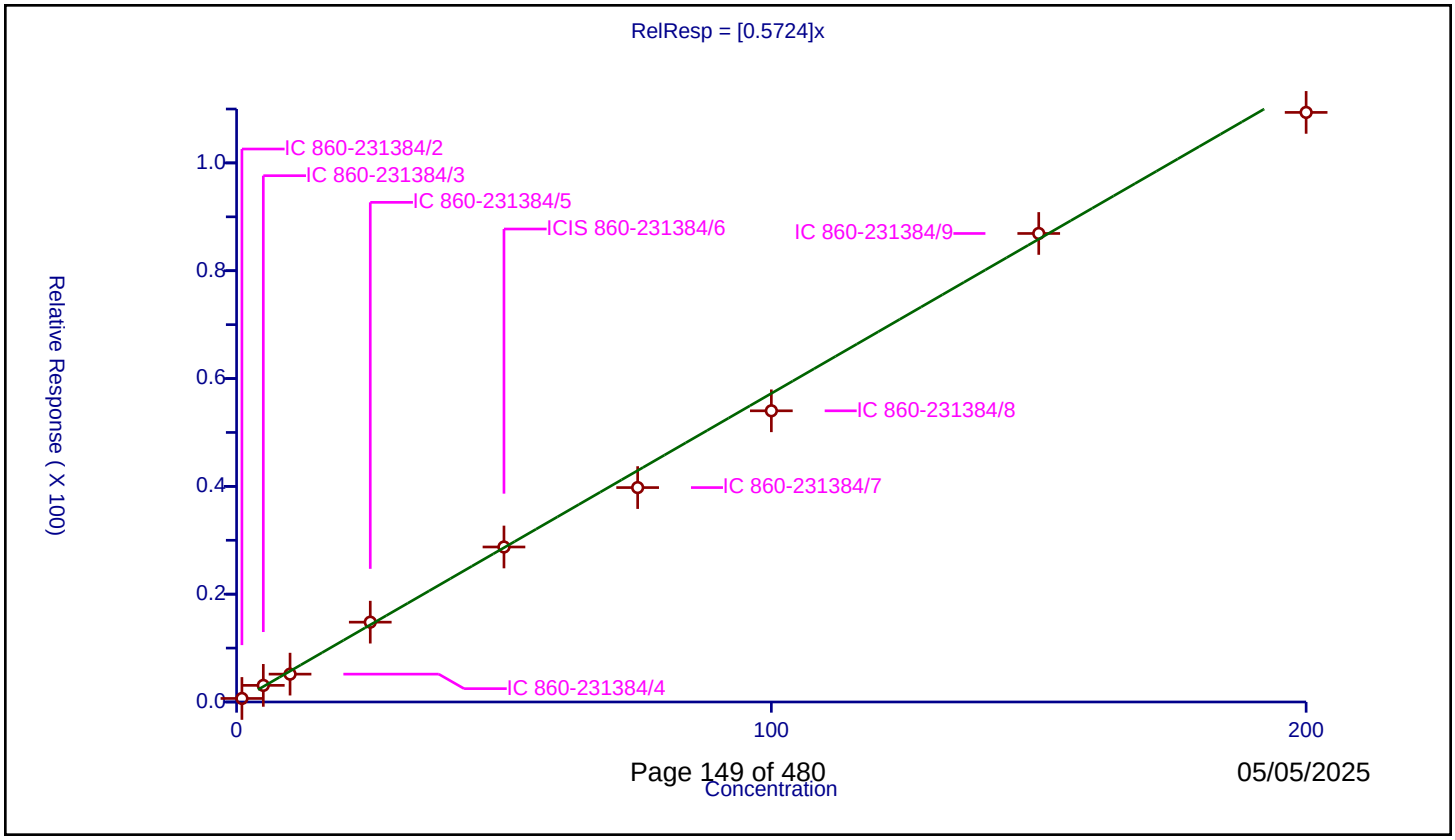
Curve Coefficients

Intercept:	0
Slope:	0.5724

Error Coefficients

Relative Standard Deviation:	7.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	0.654442	50.0	235544.0	0.654442	Y
2	IC 860-231384/3	5.0	3.081835	50.0	229425.0	0.616367	Y
3	IC 860-231384/4	10.0	5.168143	50.0	236168.0	0.516814	Y
4	IC 860-231384/5	25.0	14.808251	50.0	231344.0	0.59233	Y
5	ICIS 860-231384/6	50.0	28.754087	50.0	237055.0	0.575082	Y
6	IC 860-231384/7	75.0	39.773917	50.0	246370.0	0.530319	Y
7	IC 860-231384/8	100.0	54.014948	50.0	250875.0	0.540149	Y
8	IC 860-231384/9	150.0	86.910998	50.0	244927.0	0.579407	Y
9	IC 860-231384/10	200.0	109.370558	50.0	248331.0	0.546853	Y



Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

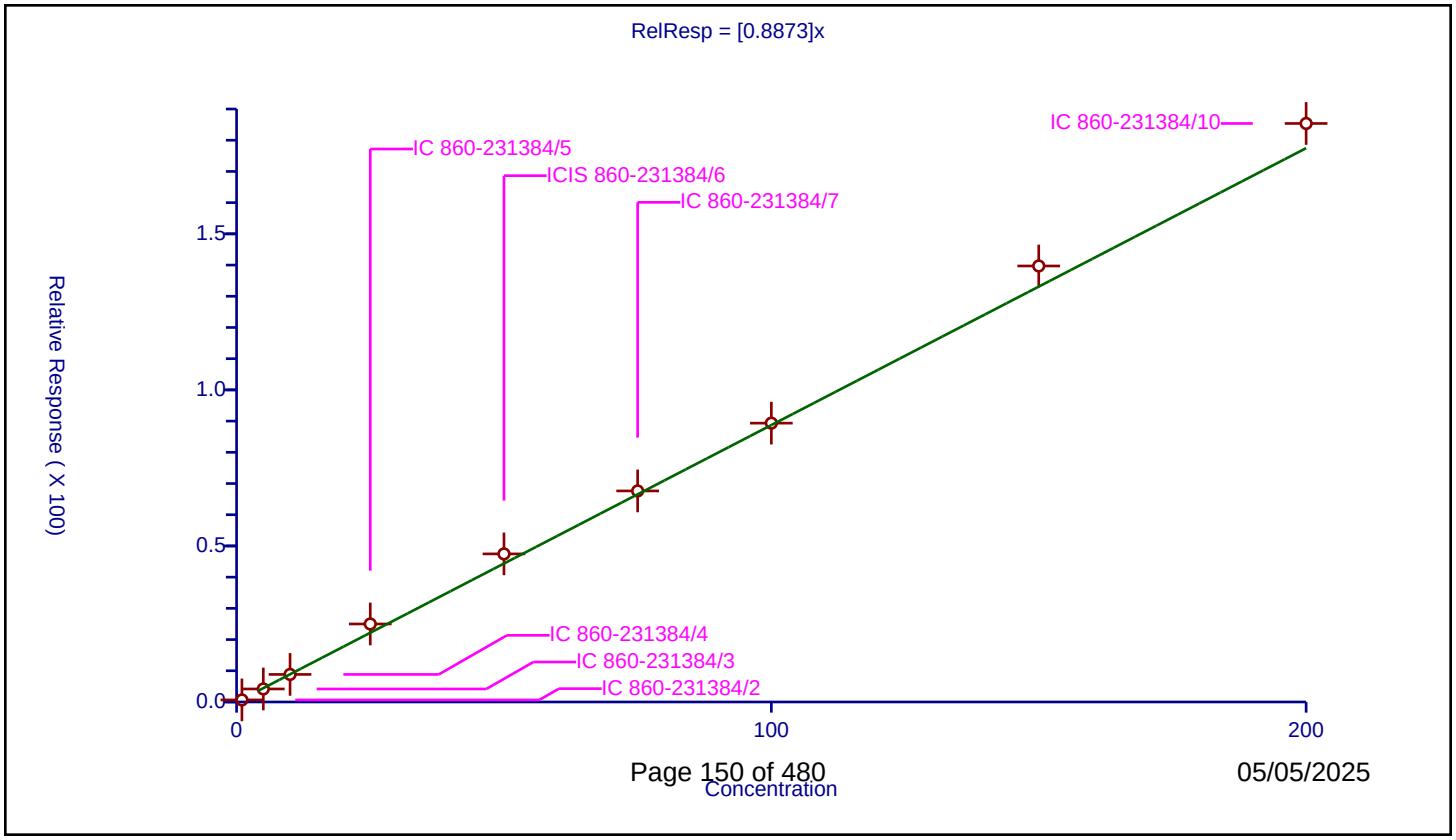
Curve Coefficients

Intercept:	0
Slope:	0.8873

Error Coefficients

Relative Standard Deviation:	10.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	0.664844	50.0	235544.0	0.664844	Y
2	IC 860-231384/3	5.0	4.175874	50.0	229425.0	0.835175	Y
3	IC 860-231384/4	10.0	8.83206	50.0	236168.0	0.883206	Y
4	IC 860-231384/5	25.0	24.995677	50.0	231344.0	0.999827	Y
5	ICIS 860-231384/6	50.0	47.455865	50.0	237055.0	0.949117	Y
6	IC 860-231384/7	75.0	67.623696	50.0	246370.0	0.901649	Y
7	IC 860-231384/8	100.0	89.341505	50.0	250875.0	0.893415	Y
8	IC 860-231384/9	150.0	139.703054	50.0	244927.0	0.931354	Y
9	IC 860-231384/10	200.0	185.370735	50.0	248331.0	0.926854	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

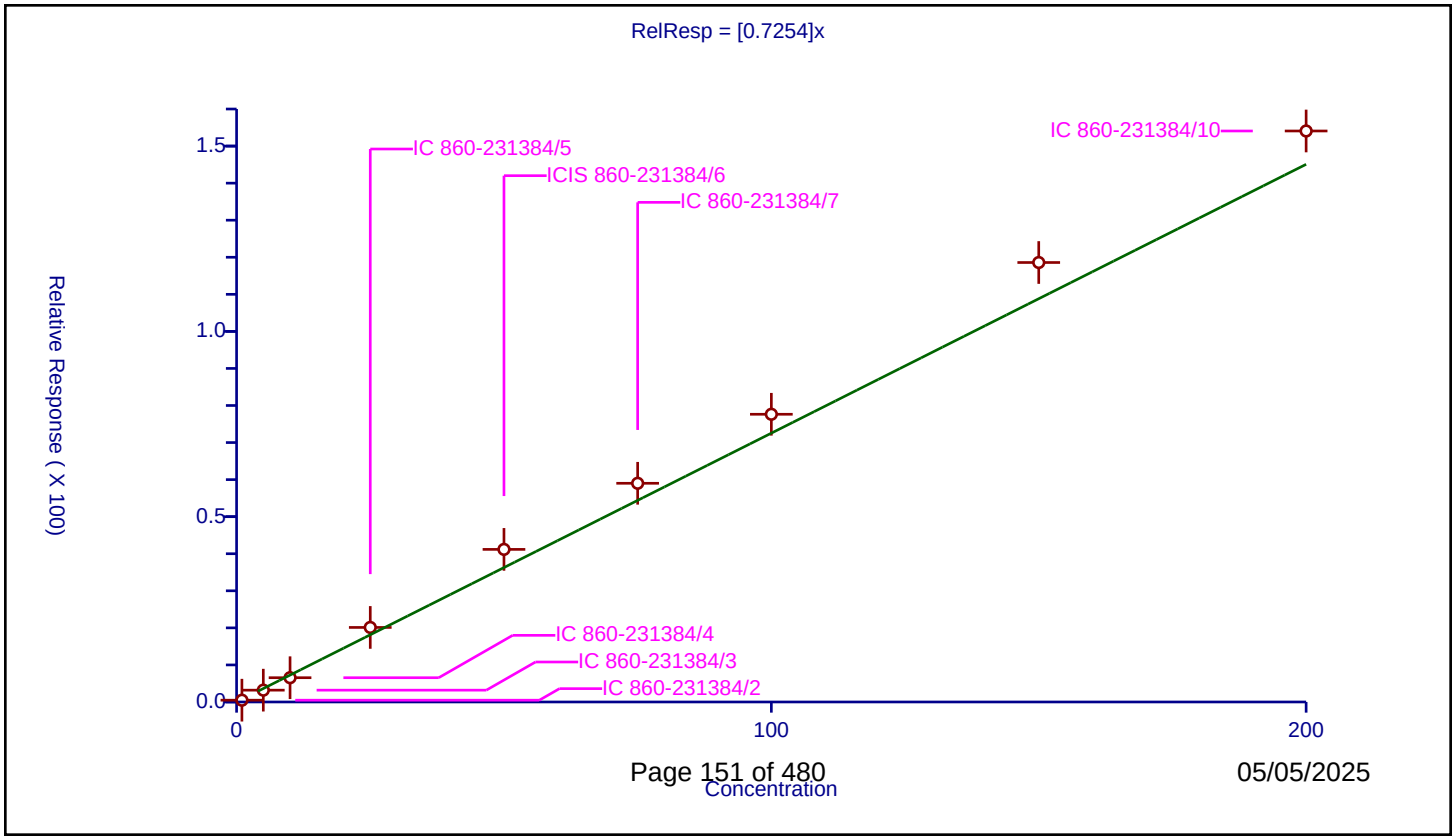
Curve Coefficients

Intercept:	0
Slope:	0.7254

Error Coefficients

Relative Standard Deviation:	15.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	0.482925	50.0	235544.0	0.482925	Y
2	IC 860-231384/3	5.0	3.191457	50.0	229425.0	0.638291	Y
3	IC 860-231384/4	10.0	6.548728	50.0	236168.0	0.654873	Y
4	IC 860-231384/5	25.0	20.118093	50.0	231344.0	0.804724	Y
5	ICIS 860-231384/6	50.0	41.175466	50.0	237055.0	0.823509	Y
6	IC 860-231384/7	75.0	59.013882	50.0	246370.0	0.786852	Y
7	IC 860-231384/8	100.0	77.636871	50.0	250875.0	0.776369	Y
8	IC 860-231384/9	150.0	118.581251	50.0	244927.0	0.790542	Y
9	IC 860-231384/10	200.0	154.071783	50.0	248331.0	0.770359	Y



Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

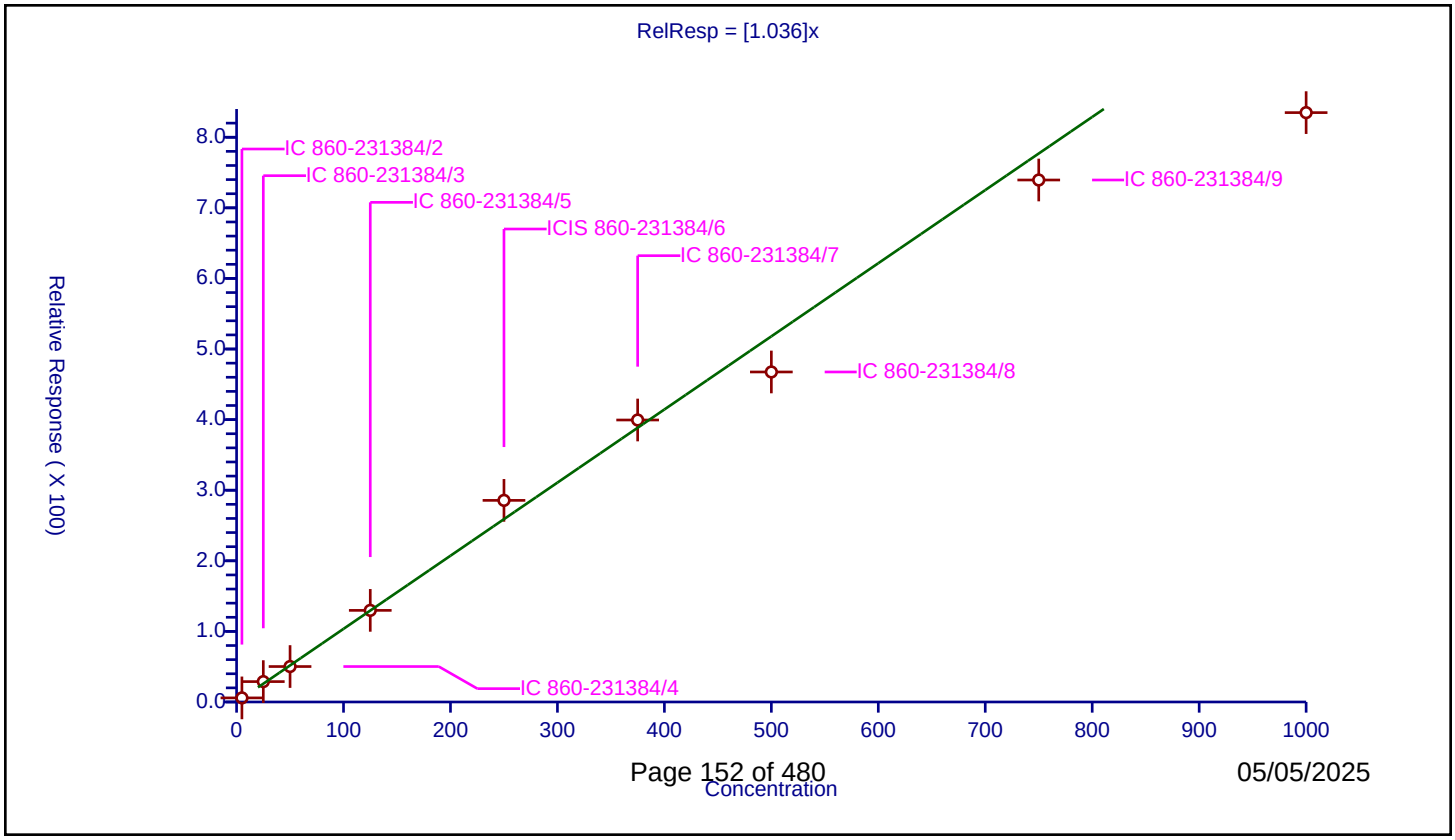
Curve Coefficients

Intercept:	0
Slope:	1.036

Error Coefficients

Relative Standard Deviation:	10.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	5.0	5.810379	50.0	235544.0	1.162076	Y
2	IC 860-231384/3	25.0	28.868258	50.0	229425.0	1.15473	Y
3	IC 860-231384/4	50.0	50.24093	50.0	236168.0	1.004819	Y
4	IC 860-231384/5	125.0	129.78854	50.0	231344.0	1.038308	Y
5	ICIS 860-231384/6	250.0	285.616207	50.0	237055.0	1.142465	Y
6	IC 860-231384/7	375.0	399.460567	50.0	246370.0	1.065228	Y
7	IC 860-231384/8	500.0	467.481415	50.0	250875.0	0.934963	Y
8	IC 860-231384/9	750.0	739.425829	50.0	244927.0	0.985901	Y
9	IC 860-231384/10	1000.0	834.897174	50.0	248331.0	0.834897	Y



Calibration / Isopropyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

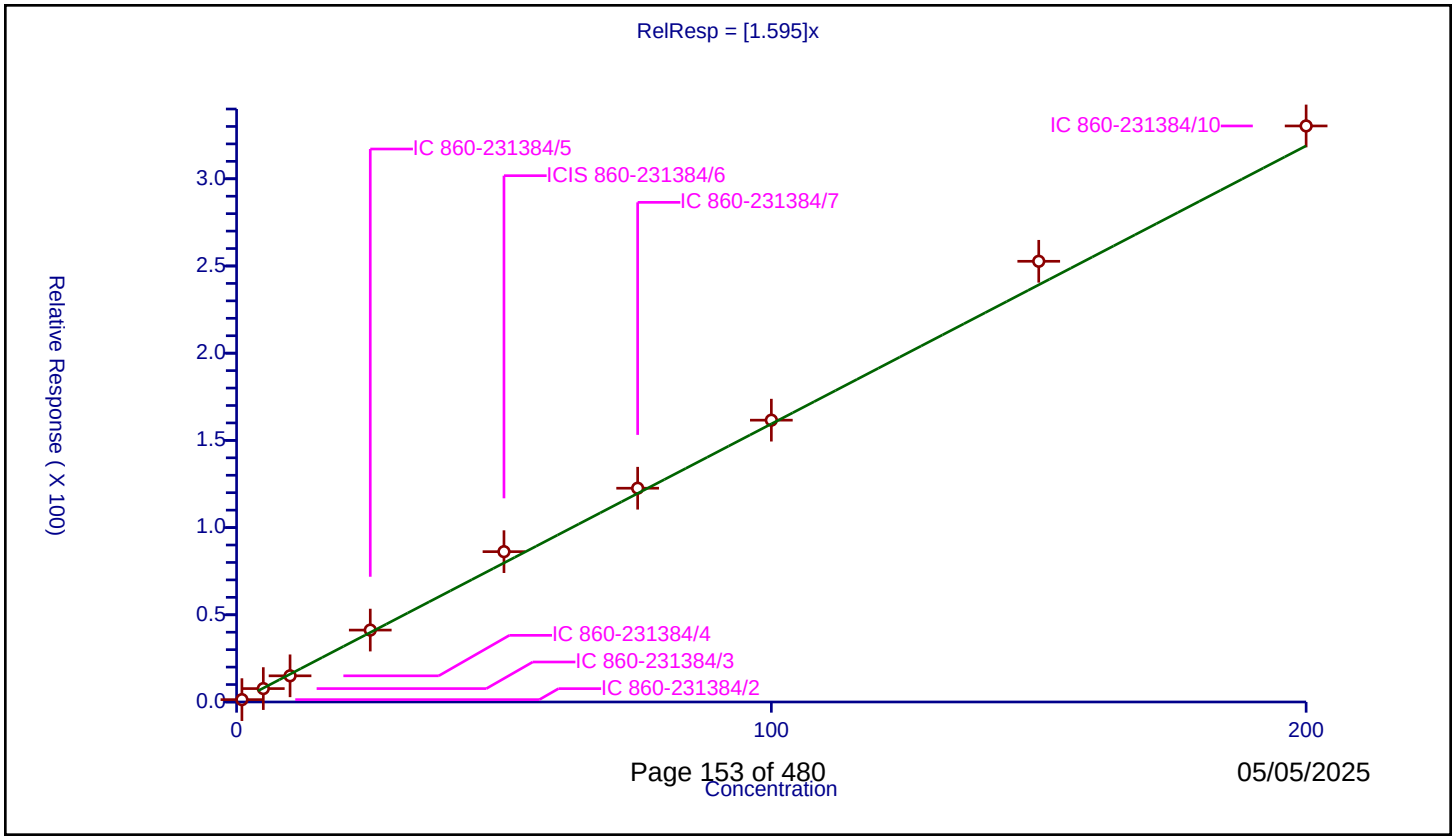
Curve Coefficients

Intercept:	0
Slope:	1.595

Error Coefficients

Relative Standard Deviation:	7.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	1.354099	50.0	235544.0	1.354099	Y
2	IC 860-231384/3	5.0	7.683775	50.0	229425.0	1.536755	Y
3	IC 860-231384/4	10.0	15.000127	50.0	236168.0	1.500013	Y
4	IC 860-231384/5	25.0	41.237076	50.0	231344.0	1.649483	Y
5	ICIS 860-231384/6	50.0	86.193288	50.0	237055.0	1.723866	Y
6	IC 860-231384/7	75.0	122.574786	50.0	246370.0	1.63433	Y
7	IC 860-231384/8	100.0	161.600797	50.0	250875.0	1.616008	Y
8	IC 860-231384/9	150.0	252.697743	50.0	244927.0	1.684652	Y
9	IC 860-231384/10	200.0	330.291426	50.0	248331.0	1.651457	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

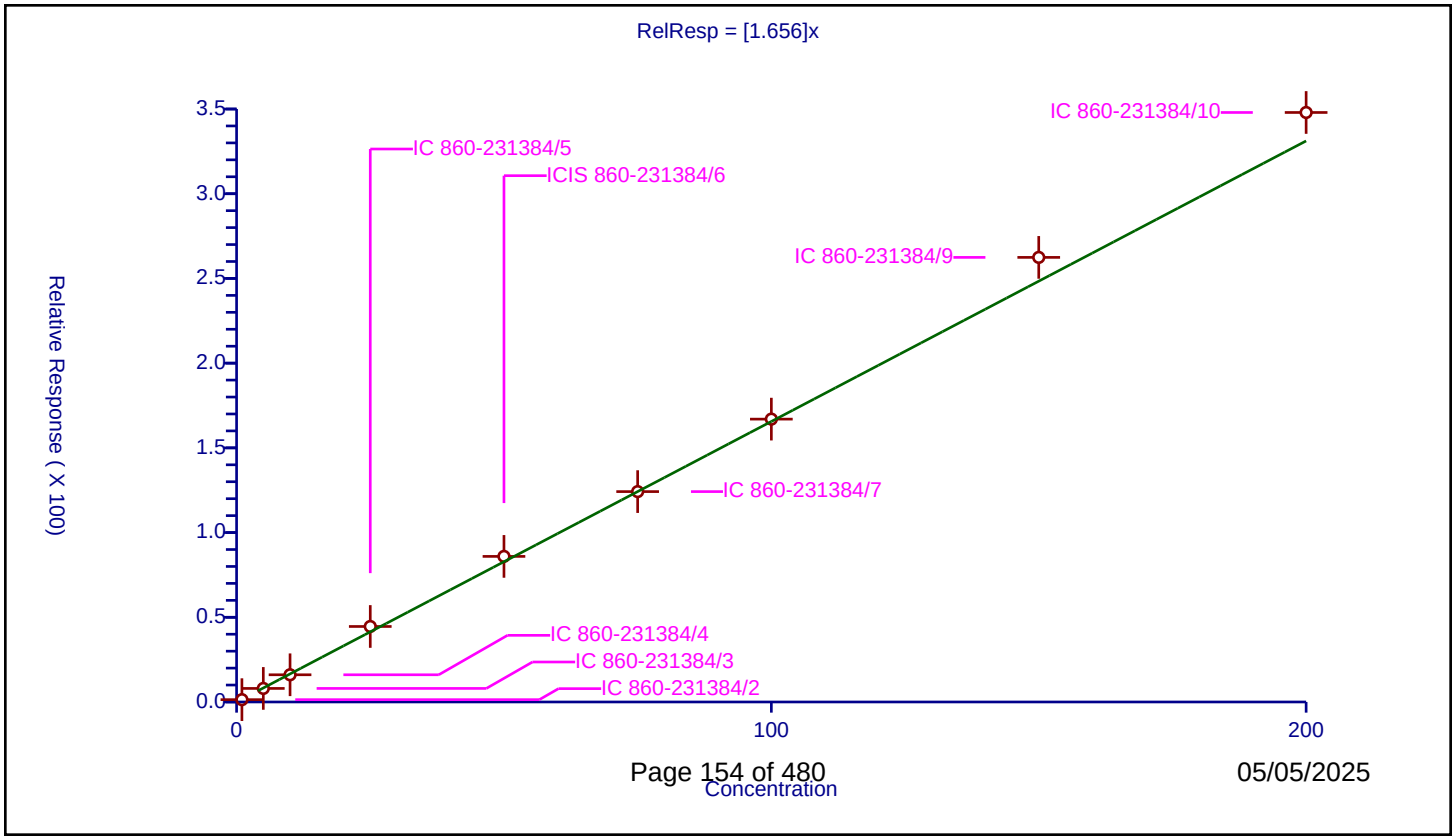
Curve Coefficients

Intercept:	0
Slope:	1.656

Error Coefficients

Relative Standard Deviation:	7.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	1.379148	50.0	235544.0	1.379148	Y
2	IC 860-231384/3	5.0	8.001526	50.0	229425.0	1.600305	Y
3	IC 860-231384/4	10.0	16.068646	50.0	236168.0	1.606865	Y
4	IC 860-231384/5	25.0	44.572152	50.0	231344.0	1.782886	Y
5	ICIS 860-231384/6	50.0	85.938495	50.0	237055.0	1.71877	Y
6	IC 860-231384/7	75.0	124.175224	50.0	246370.0	1.65567	Y
7	IC 860-231384/8	100.0	166.963229	50.0	250875.0	1.669632	Y
8	IC 860-231384/9	150.0	262.421252	50.0	244927.0	1.749475	Y
9	IC 860-231384/10	200.0	347.951927	50.0	248331.0	1.73976	Y



Calibration / 2,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

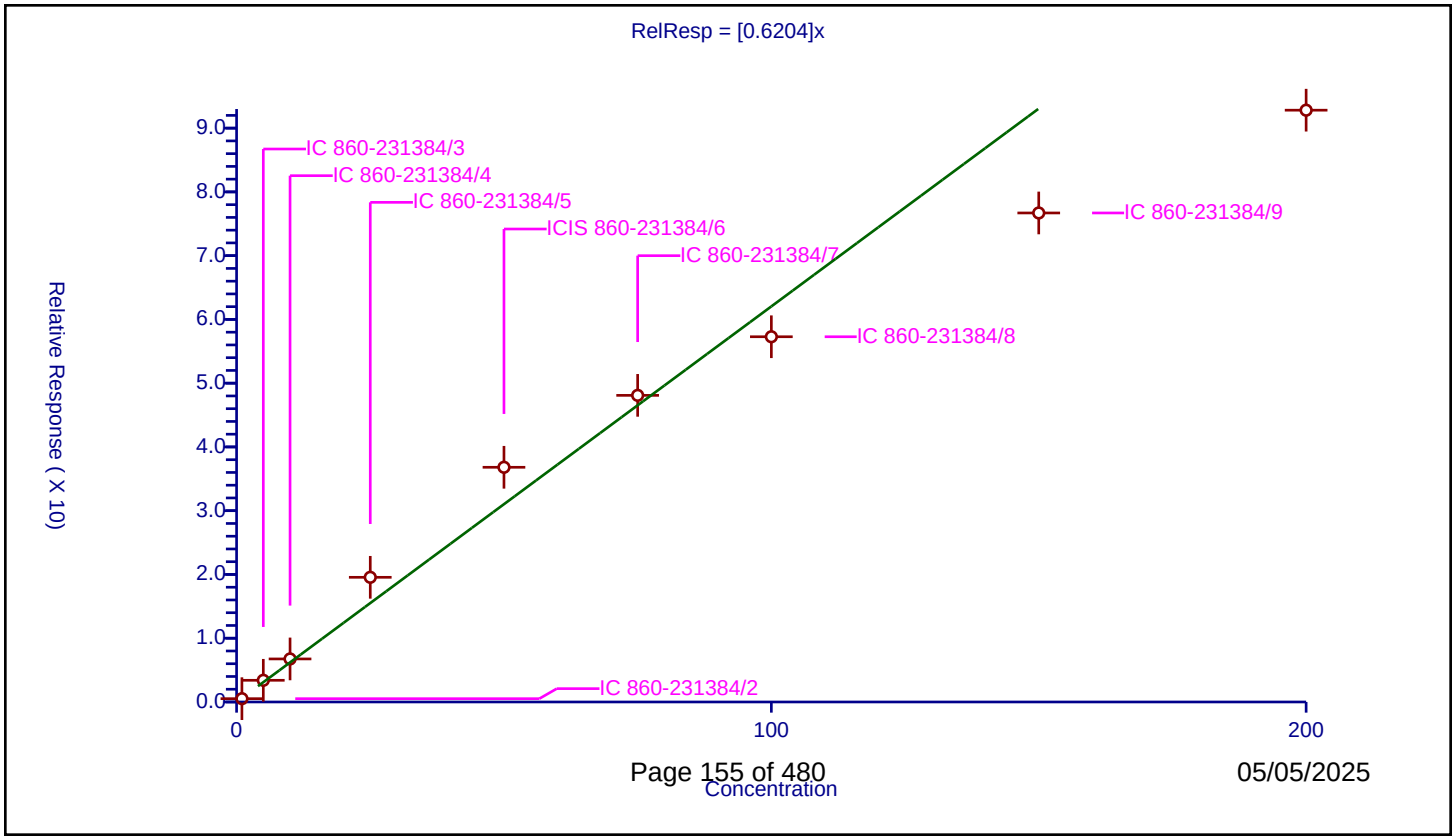
Curve Coefficients

Intercept:	0
Slope:	0.6204

Error Coefficients

Relative Standard Deviation:	17.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	0.52071	50.0	235544.0	0.52071	Y
2	IC 860-231384/3	5.0	3.400676	50.0	229425.0	0.680135	Y
3	IC 860-231384/4	10.0	6.750703	50.0	236168.0	0.67507	Y
4	IC 860-231384/5	25.0	19.55443	50.0	231344.0	0.782177	Y
5	ICIS 860-231384/6	50.0	36.811921	50.0	237055.0	0.736238	Y
6	IC 860-231384/7	75.0	48.091488	50.0	246370.0	0.64122	Y
7	IC 860-231384/8	100.0	57.281315	50.0	250875.0	0.572813	Y
8	IC 860-231384/9	150.0	76.695709	50.0	244927.0	0.511305	Y
9	IC 860-231384/10	200.0	92.815637	50.0	248331.0	0.464078	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

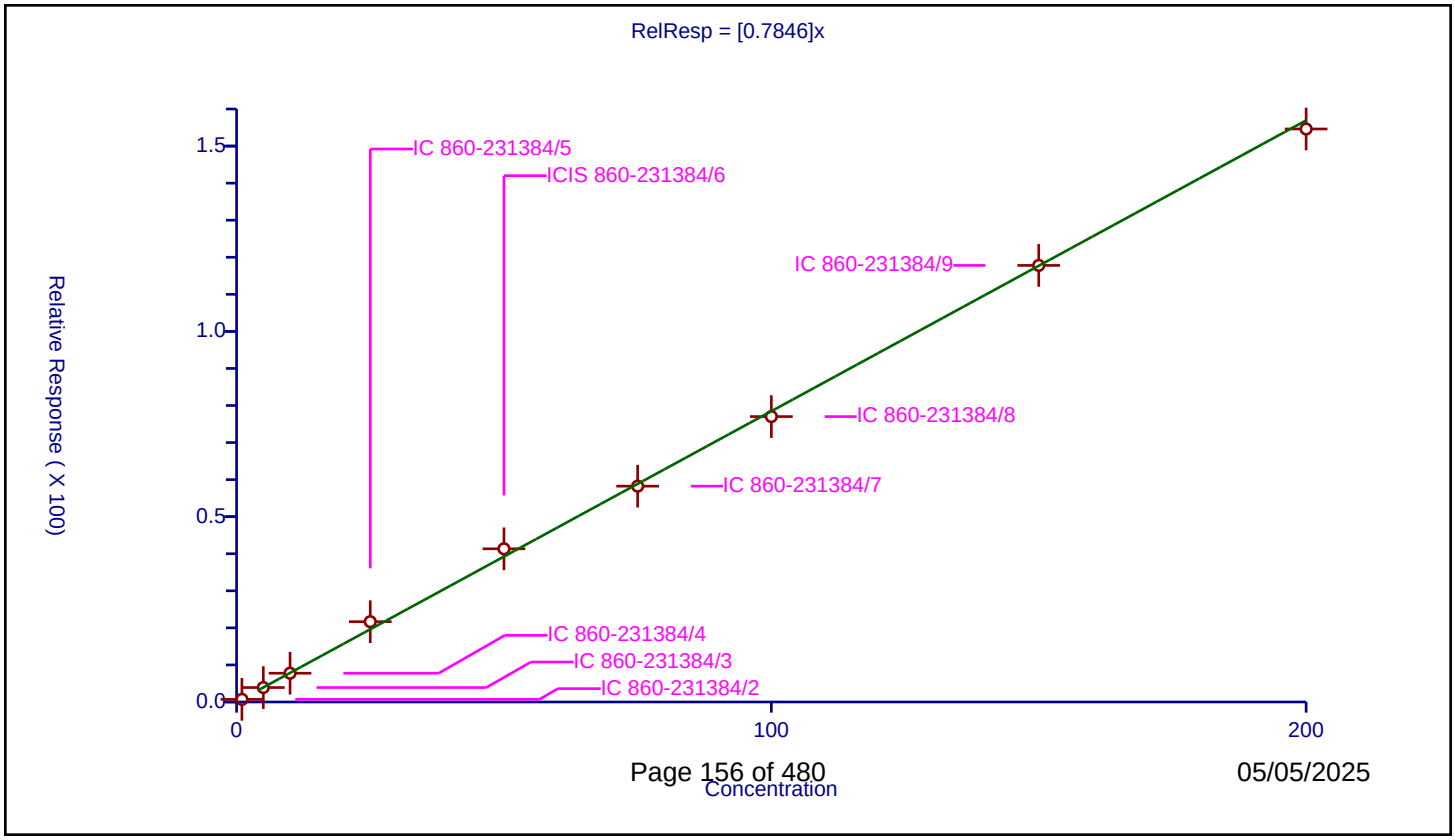
Curve Coefficients

Intercept:	0
Slope:	0.7846

Error Coefficients

Relative Standard Deviation:	5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	0.707511	50.0	235544.0	0.707511	Y
2	IC 860-231384/3	5.0	3.898442	50.0	229425.0	0.779688	Y
3	IC 860-231384/4	10.0	7.761212	50.0	236168.0	0.776121	Y
4	IC 860-231384/5	25.0	21.669678	50.0	231344.0	0.866787	Y
5	ICIS 860-231384/6	50.0	41.334922	50.0	237055.0	0.826698	Y
6	IC 860-231384/7	75.0	58.234363	50.0	246370.0	0.776458	Y
7	IC 860-231384/8	100.0	77.009666	50.0	250875.0	0.770097	Y
8	IC 860-231384/9	150.0	117.799385	50.0	244927.0	0.785329	Y
9	IC 860-231384/10	200.0	154.608768	50.0	248331.0	0.773044	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

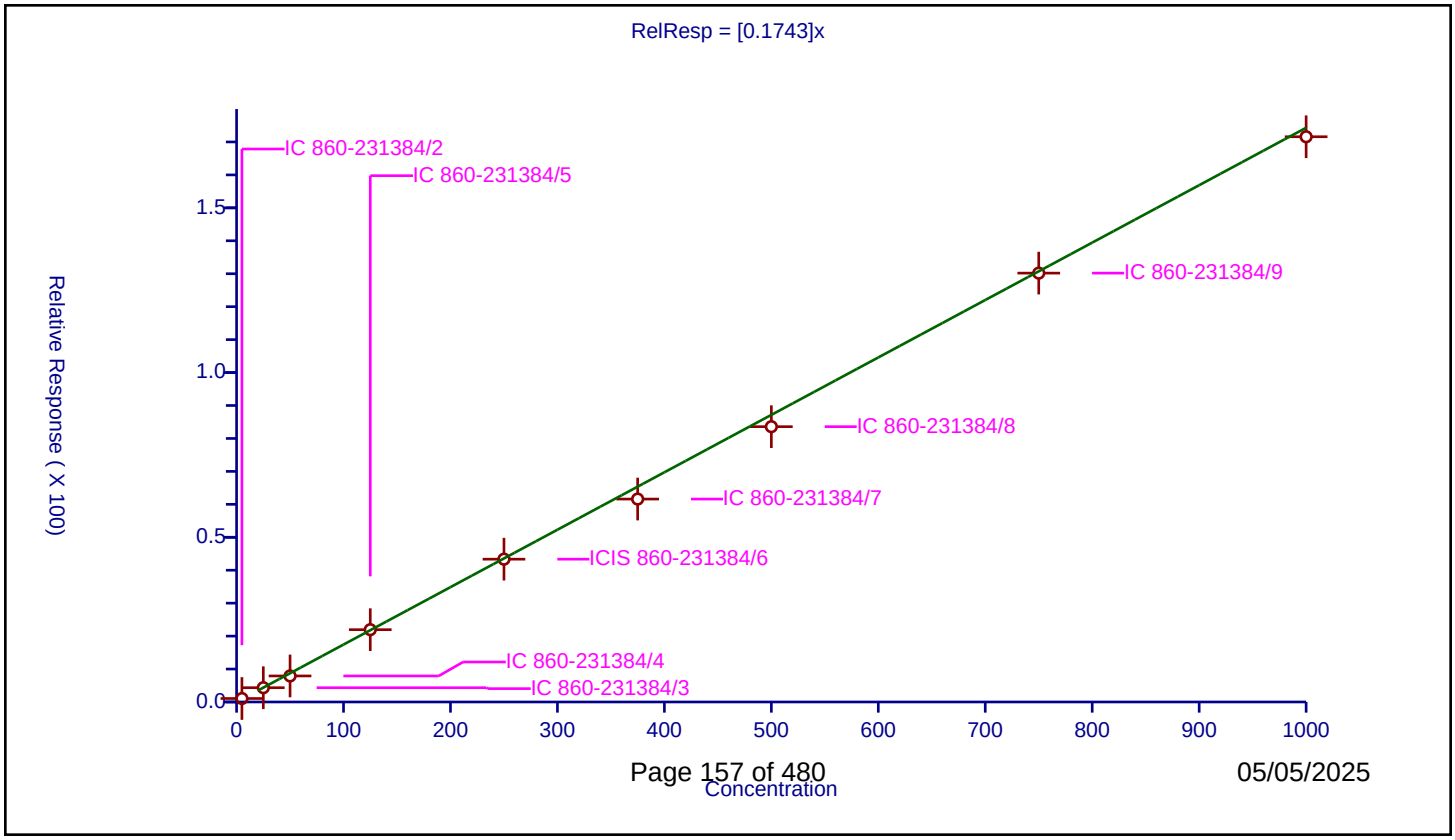
Curve Coefficients

Intercept:	0
Slope:	0.1743

Error Coefficients

Relative Standard Deviation:	8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	5.0	1.057976	50.0	235544.0	0.211595	Y
2	IC 860-231384/3	25.0	4.335404	50.0	229425.0	0.173416	Y
3	IC 860-231384/4	50.0	7.906448	50.0	236168.0	0.158129	Y
4	IC 860-231384/5	125.0	21.951942	50.0	231344.0	0.175616	Y
5	ICIS 860-231384/6	250.0	43.354074	50.0	237055.0	0.173416	Y
6	IC 860-231384/7	375.0	61.5978	50.0	246370.0	0.164261	Y
7	IC 860-231384/8	500.0	83.572098	50.0	250875.0	0.167144	Y
8	IC 860-231384/9	750.0	130.185116	50.0	244927.0	0.17358	Y
9	IC 860-231384/10	1000.0	171.579867	50.0	248331.0	0.17158	Y



Calibration / Propionitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

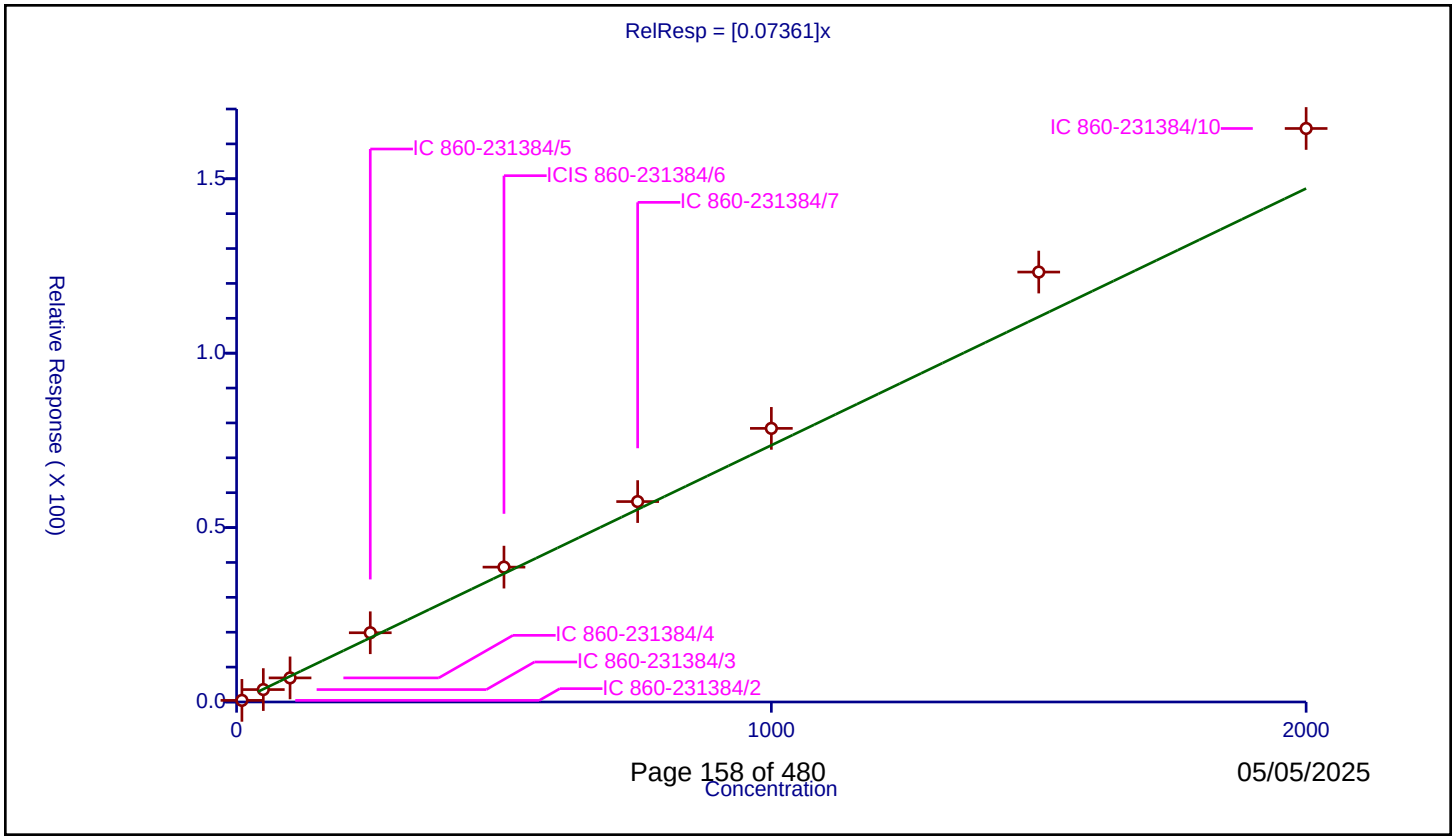
Curve Coefficients

Intercept:	0
Slope:	0.07361

Error Coefficients

Relative Standard Deviation:	15.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	10.0	0.459999	50.0	235544.0	0.046	Y
2	IC 860-231384/3	50.0	3.561948	50.0	229425.0	0.071239	Y
3	IC 860-231384/4	100.0	6.904407	50.0	236168.0	0.069044	Y
4	IC 860-231384/5	250.0	19.849877	50.0	231344.0	0.0794	Y
5	ICIS 860-231384/6	500.0	38.665921	50.0	237055.0	0.077332	Y
6	IC 860-231384/7	750.0	57.455453	50.0	246370.0	0.076607	Y
7	IC 860-231384/8	1000.0	78.441654	50.0	250875.0	0.078442	Y
8	IC 860-231384/9	1500.0	123.2604	50.0	244927.0	0.082174	Y
9	IC 860-231384/10	2000.0	164.417854	50.0	248331.0	0.082209	Y



Calibration / Ethyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

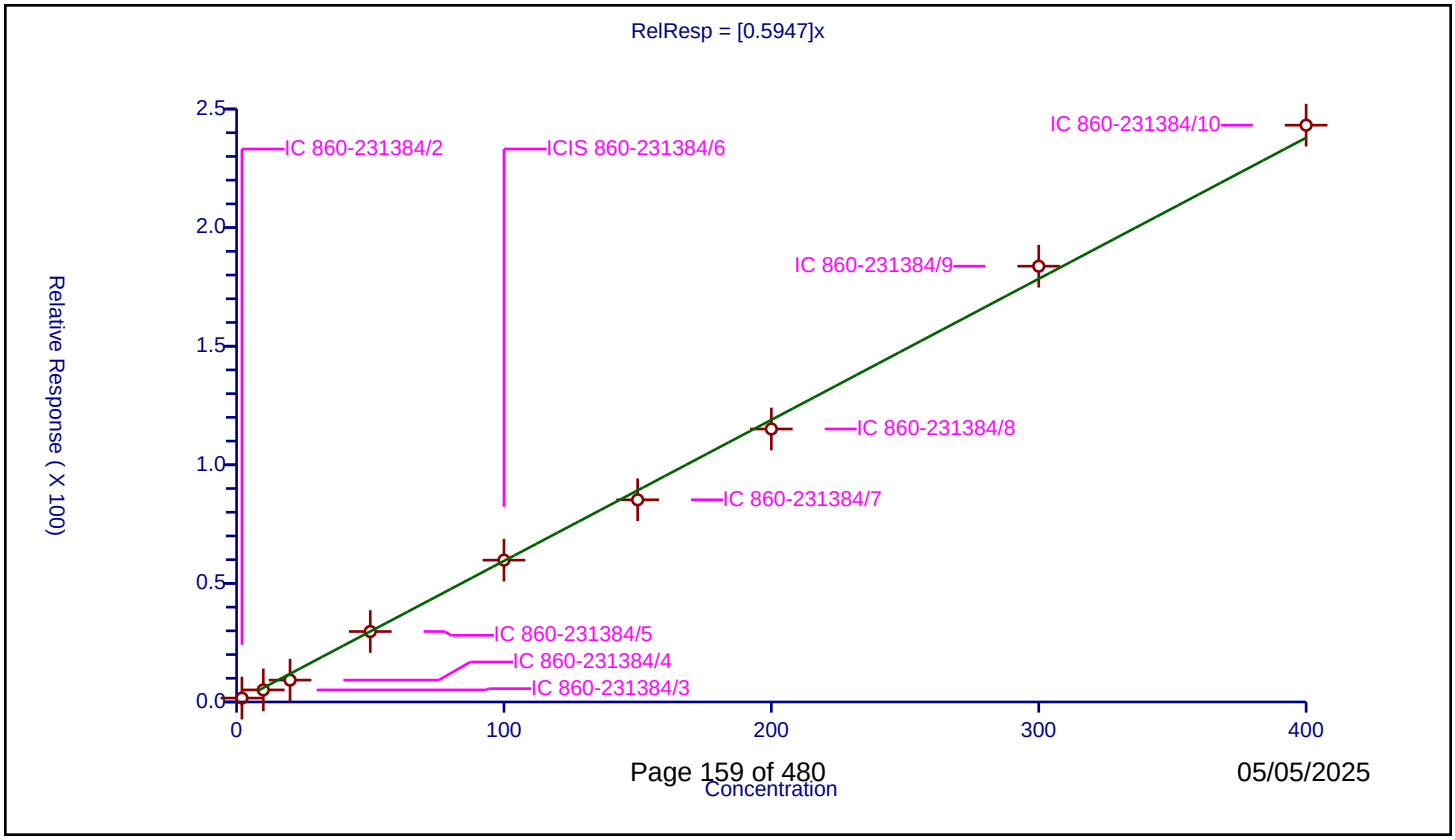
Curve Coefficients

Intercept:	0
Slope:	0.5947

Error Coefficients

Relative Standard Deviation:	16.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	2.0	1.650435	50.0	235544.0	0.825217	Y
2	IC 860-231384/3	10.0	5.090988	50.0	229425.0	0.509099	Y
3	IC 860-231384/4	20.0	9.22987	50.0	236168.0	0.461494	Y
4	IC 860-231384/5	50.0	29.712679	50.0	231344.0	0.594254	Y
5	ICIS 860-231384/6	100.0	59.809749	50.0	237055.0	0.598097	Y
6	IC 860-231384/7	150.0	85.249016	50.0	246370.0	0.568327	Y
7	IC 860-231384/8	200.0	115.092975	50.0	250875.0	0.575465	Y
8	IC 860-231384/9	300.0	183.736174	50.0	244927.0	0.612454	Y
9	IC 860-231384/10	400.0	243.186513	50.0	248331.0	0.607966	Y



Calibration / Chlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

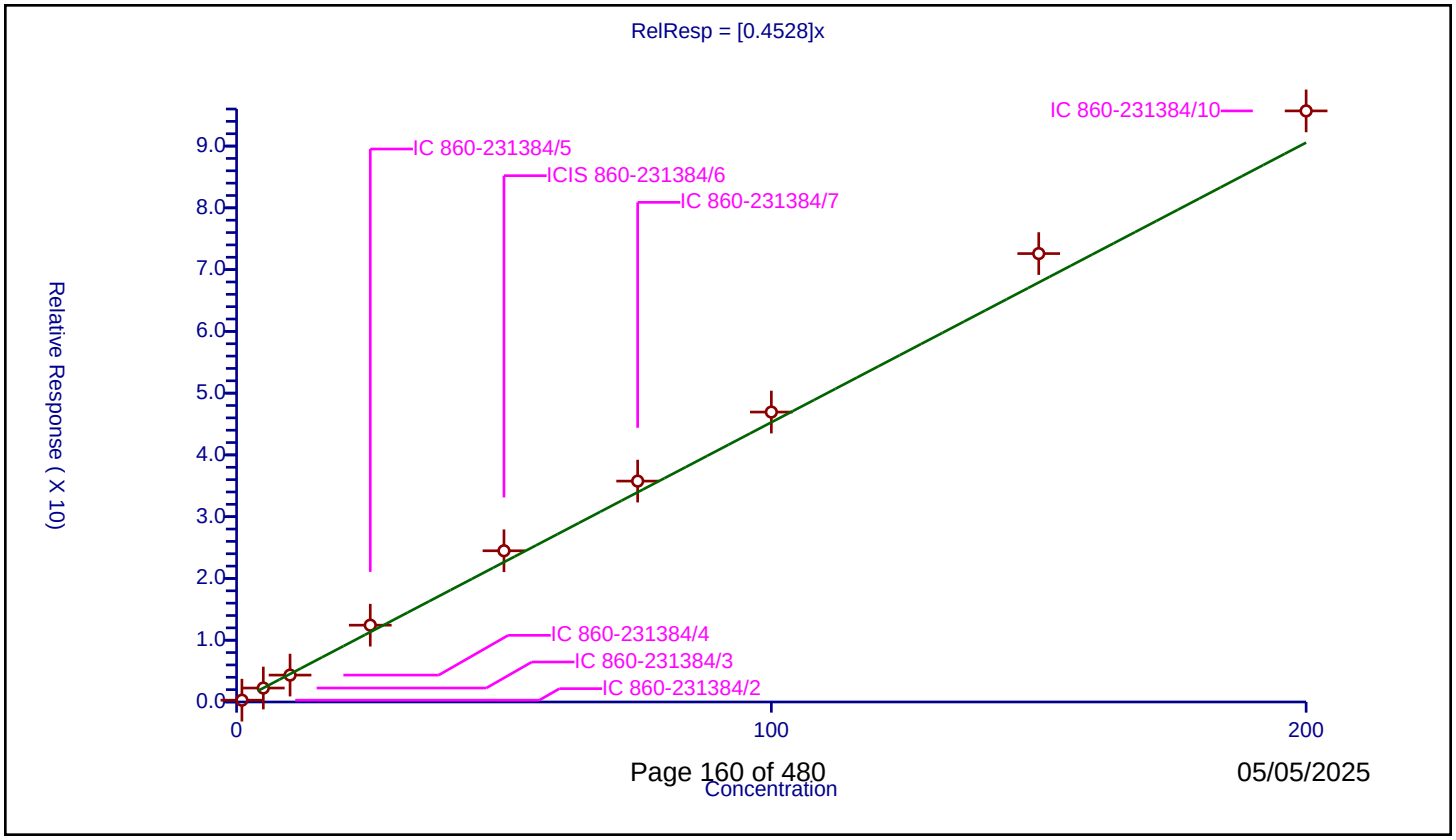
Curve Coefficients

Intercept:	0
Slope:	0.4528

Error Coefficients

Relative Standard Deviation:	13.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	0.292514	50.0	235544.0	0.292514	Y
2	IC 860-231384/3	5.0	2.258254	50.0	229425.0	0.451651	Y
3	IC 860-231384/4	10.0	4.351775	50.0	236168.0	0.435178	Y
4	IC 860-231384/5	25.0	12.434513	50.0	231344.0	0.497381	Y
5	ICIS 860-231384/6	50.0	24.480817	50.0	237055.0	0.489616	Y
6	IC 860-231384/7	75.0	35.763486	50.0	246370.0	0.476846	Y
7	IC 860-231384/8	100.0	46.940708	50.0	250875.0	0.469407	Y
8	IC 860-231384/9	150.0	72.594896	50.0	244927.0	0.483966	Y
9	IC 860-231384/10	200.0	95.693047	50.0	248331.0	0.478465	Y



Calibration / Methacrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

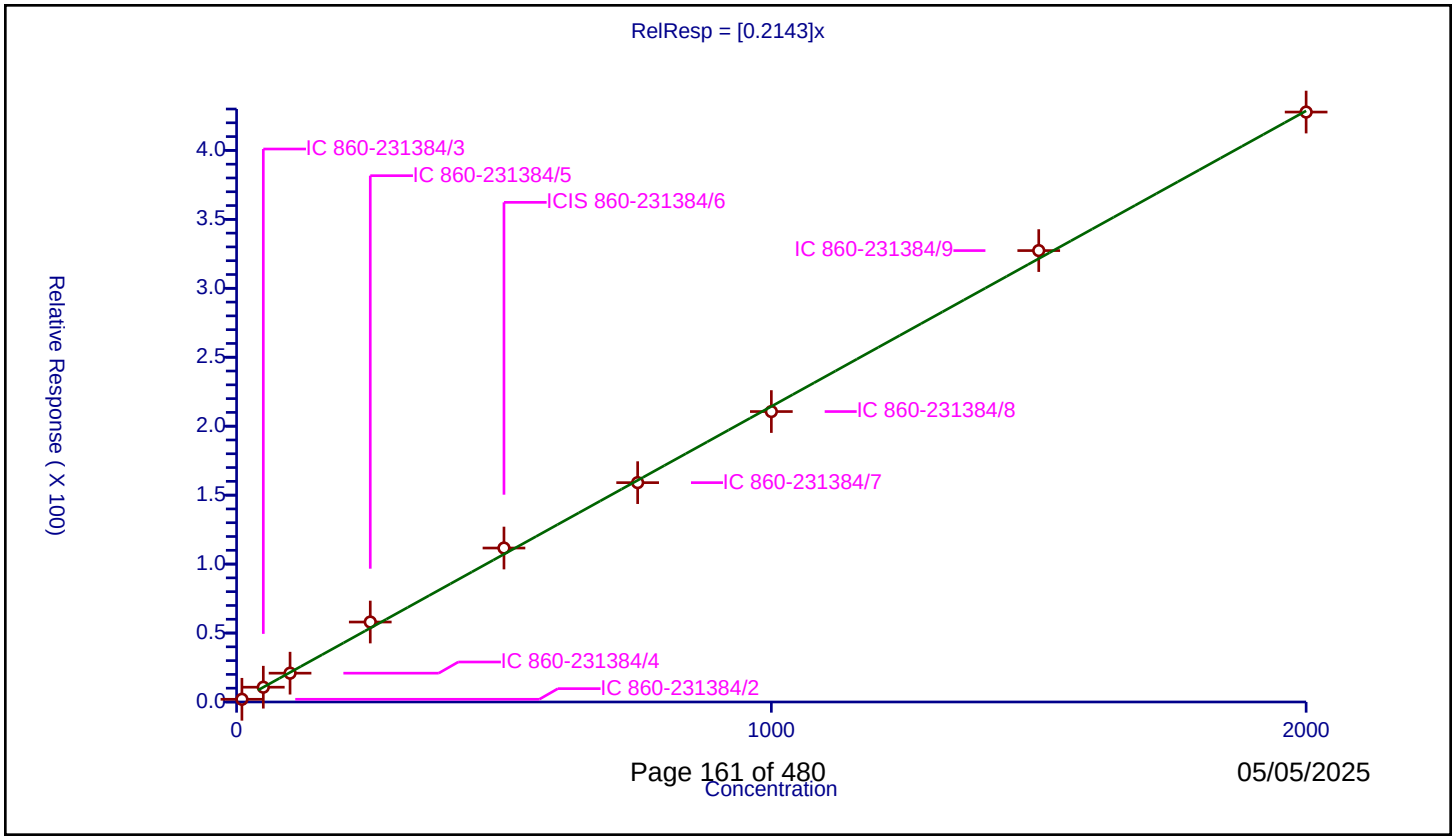
Curve Coefficients

Intercept:	0
Slope:	0.2143

Error Coefficients

Relative Standard Deviation:	4.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	10.0	1.95611	50.0	235544.0	0.195611	Y
2	IC 860-231384/3	50.0	10.718318	50.0	229425.0	0.214366	Y
3	IC 860-231384/4	100.0	20.898047	50.0	236168.0	0.20898	Y
4	IC 860-231384/5	250.0	57.987024	50.0	231344.0	0.231948	Y
5	ICIS 860-231384/6	500.0	111.636329	50.0	237055.0	0.223273	Y
6	IC 860-231384/7	750.0	159.070504	50.0	246370.0	0.212094	Y
7	IC 860-231384/8	1000.0	210.624215	50.0	250875.0	0.210624	Y
8	IC 860-231384/9	1500.0	327.32753	50.0	244927.0	0.218218	Y
9	IC 860-231384/10	2000.0	427.794154	50.0	248331.0	0.213897	Y



Calibration / Tetrahydrofuran

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

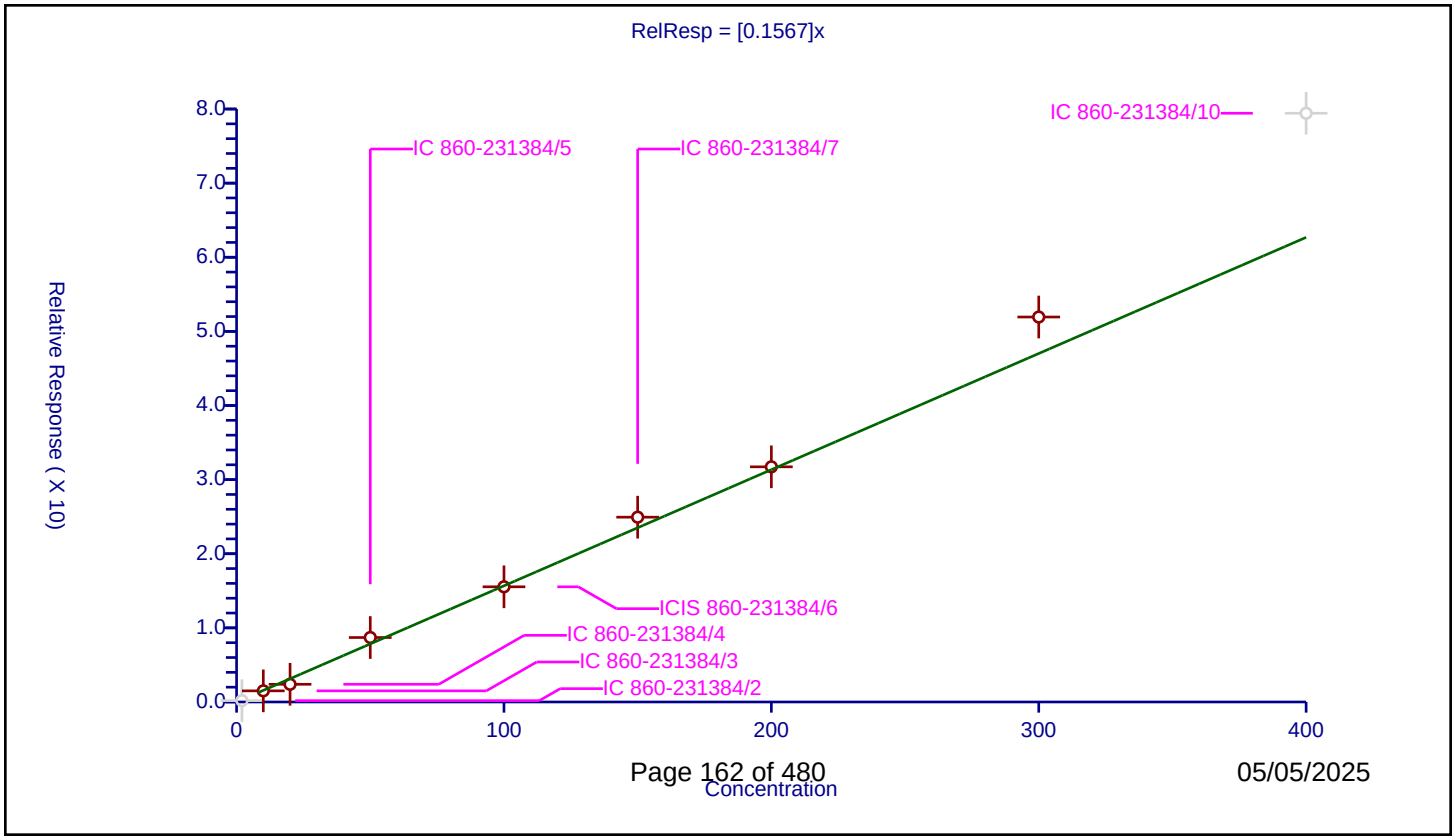
Curve Coefficients

Intercept:	0
Slope:	0.1567

Error Coefficients

Relative Standard Deviation:	11.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	2.0	0.182344	50.0	235544.0	0.091172	N
2	IC 860-231384/3	10.0	1.503324	50.0	229425.0	0.150332	Y
3	IC 860-231384/4	20.0	2.386648	50.0	236168.0	0.119332	Y
4	IC 860-231384/5	50.0	8.695709	50.0	231344.0	0.173914	Y
5	ICIS 860-231384/6	100.0	15.540065	50.0	237055.0	0.155401	Y
6	IC 860-231384/7	150.0	24.933231	50.0	246370.0	0.166222	Y
7	IC 860-231384/8	200.0	31.726158	50.0	250875.0	0.158631	Y
8	IC 860-231384/9	300.0	51.9367	50.0	244927.0	0.173122	Y
9	IC 860-231384/10	400.0	79.429068	50.0	248331.0	0.198573	N



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

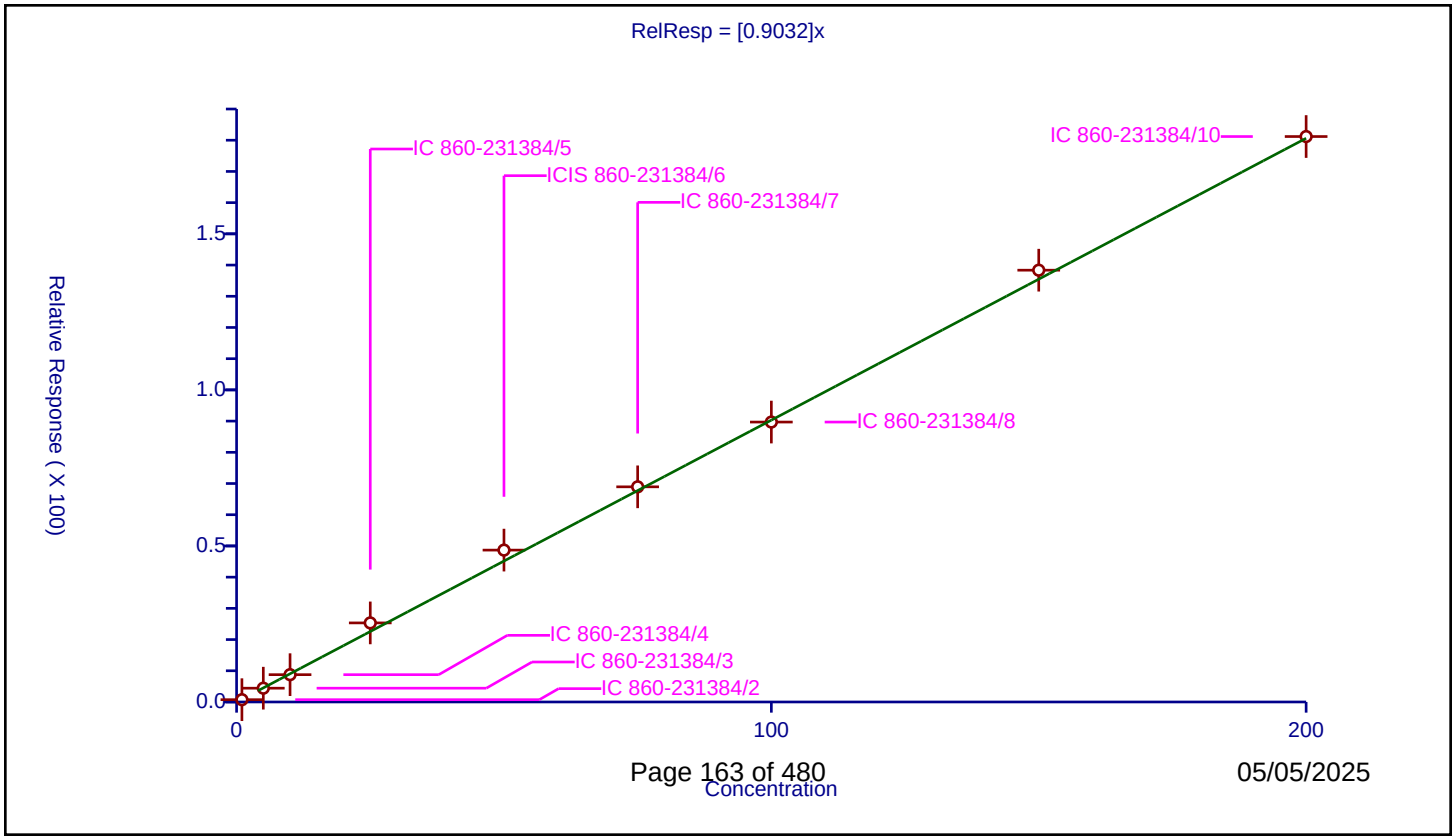
Curve Coefficients

Intercept:	0
Slope:	0.9032

Error Coefficients

Relative Standard Deviation:	8.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	0.73638	50.0	235544.0	0.73638	Y
2	IC 860-231384/3	5.0	4.424975	50.0	229425.0	0.884995	Y
3	IC 860-231384/4	10.0	8.757749	50.0	236168.0	0.875775	Y
4	IC 860-231384/5	25.0	25.334567	50.0	231344.0	1.013383	Y
5	ICIS 860-231384/6	50.0	48.66571	50.0	237055.0	0.973314	Y
6	IC 860-231384/7	75.0	68.943053	50.0	246370.0	0.919241	Y
7	IC 860-231384/8	100.0	89.696662	50.0	250875.0	0.896967	Y
8	IC 860-231384/9	150.0	138.359797	50.0	244927.0	0.922399	Y
9	IC 860-231384/10	200.0	181.183783	50.0	248331.0	0.905919	Y



Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

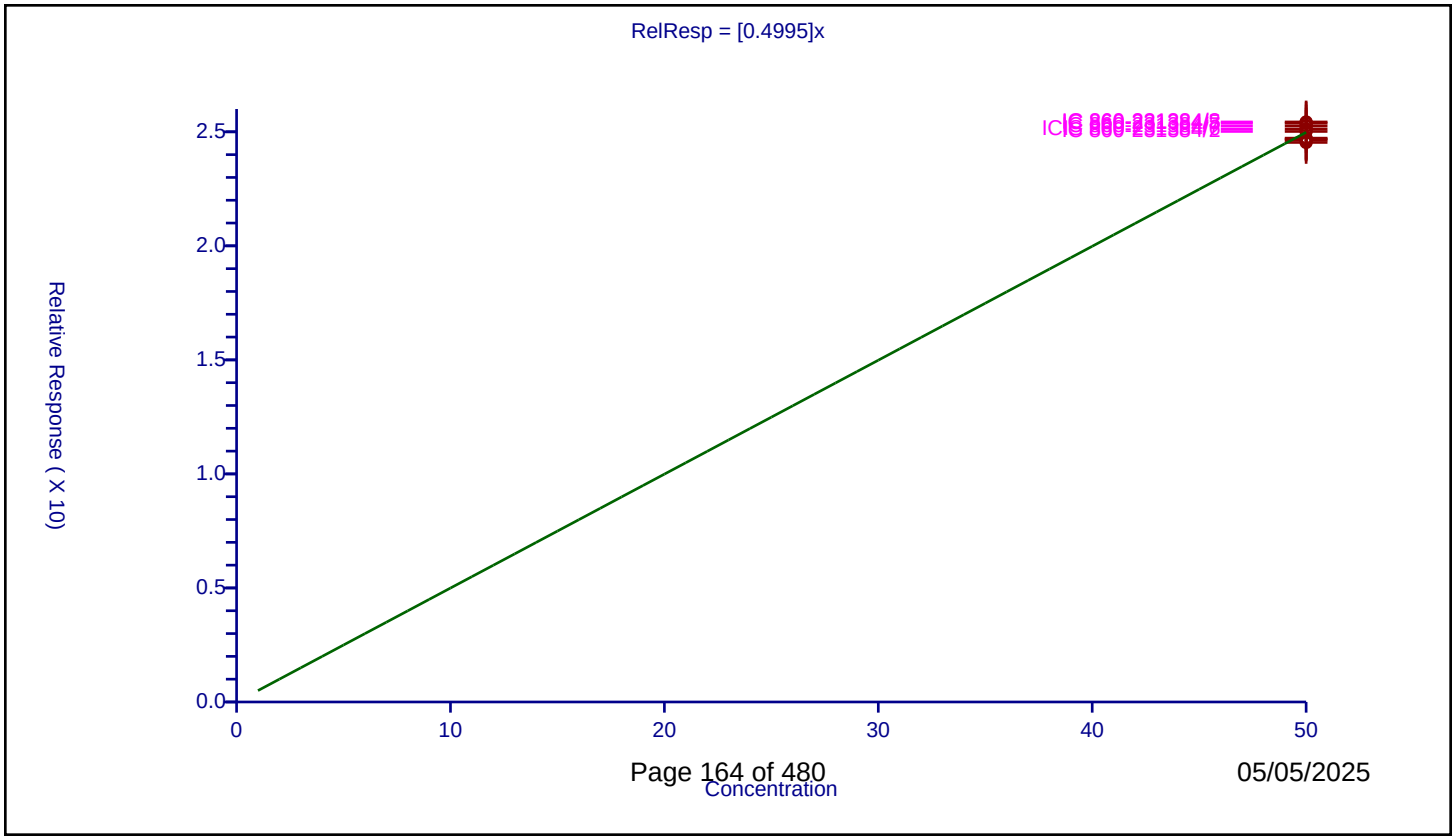
Curve Coefficients

Intercept:	0
Slope:	0.4995

Error Coefficients

Relative Standard Deviation:	1.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	50.0	25.015708	50.0	235544.0	0.500314	Y
2	IC 860-231384/3	50.0	25.432712	50.0	229425.0	0.508654	Y
3	IC 860-231384/4	50.0	24.722655	50.0	236168.0	0.494453	Y
4	IC 860-231384/5	50.0	25.379738	50.0	231344.0	0.507595	Y
5	ICIS 860-231384/6	50.0	25.125393	50.0	237055.0	0.502508	Y
6	IC 860-231384/7	50.0	25.258351	50.0	246370.0	0.505167	Y
7	IC 860-231384/8	50.0	24.638764	50.0	250875.0	0.492775	Y
8	IC 860-231384/9	50.0	24.681436	50.0	244927.0	0.493629	Y
9	IC 860-231384/10	50.0	24.533385	50.0	248331.0	0.490668	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

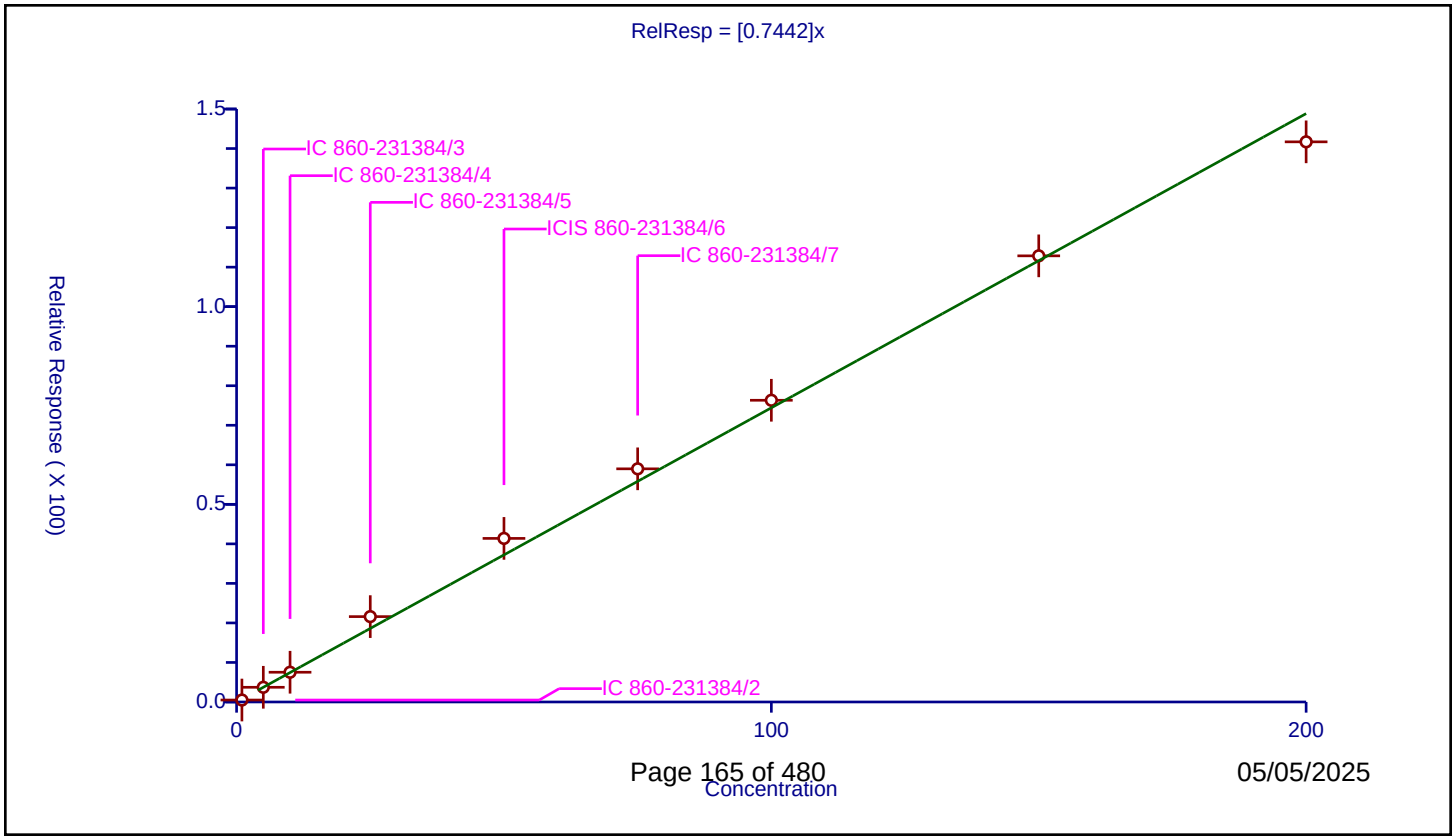
Curve Coefficients

Intercept:	0
Slope:	0.7442

Error Coefficients

Relative Standard Deviation:	13.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	0.498633	50.0	235544.0	0.498633	Y
2	IC 860-231384/3	5.0	3.721913	50.0	229425.0	0.744383	Y
3	IC 860-231384/4	10.0	7.527692	50.0	236168.0	0.752769	Y
4	IC 860-231384/5	25.0	21.596843	50.0	231344.0	0.863874	Y
5	ICIS 860-231384/6	50.0	41.381536	50.0	237055.0	0.827631	Y
6	IC 860-231384/7	75.0	58.983845	50.0	246370.0	0.786451	Y
7	IC 860-231384/8	100.0	76.320877	50.0	250875.0	0.763209	Y
8	IC 860-231384/9	150.0	112.858321	50.0	244927.0	0.752389	Y
9	IC 860-231384/10	200.0	141.696365	50.0	248331.0	0.708482	Y



Calibration / Cyclohexane

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

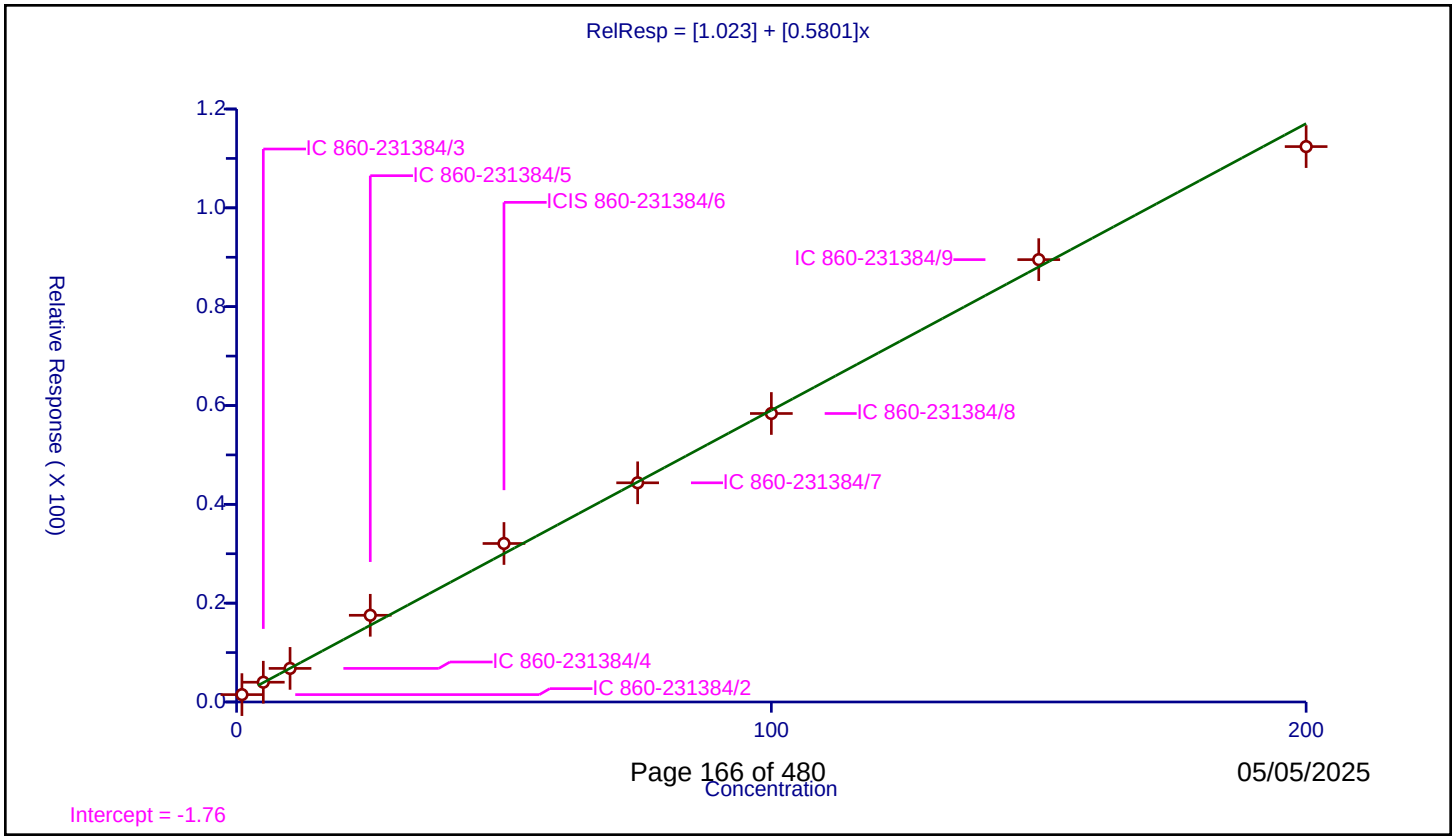
Curve Coefficients

Intercept:	1.023
Slope:	0.5801

Error Coefficients

Relative Standard Deviation:	9.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	1.49038	50.0	235544.0	1.49038	Y
2	IC 860-231384/3	5.0	4.003705	50.0	229425.0	0.800741	Y
3	IC 860-231384/4	10.0	6.798762	50.0	236168.0	0.679876	Y
4	IC 860-231384/5	25.0	17.548759	50.0	231344.0	0.70195	Y
5	ICIS 860-231384/6	50.0	32.074202	50.0	237055.0	0.641484	Y
6	IC 860-231384/7	75.0	44.358282	50.0	246370.0	0.591444	Y
7	IC 860-231384/8	100.0	58.382063	50.0	250875.0	0.583821	Y
8	IC 860-231384/9	150.0	89.521368	50.0	244927.0	0.596809	Y
9	IC 860-231384/10	200.0	112.398573	50.0	248331.0	0.561993	Y



Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

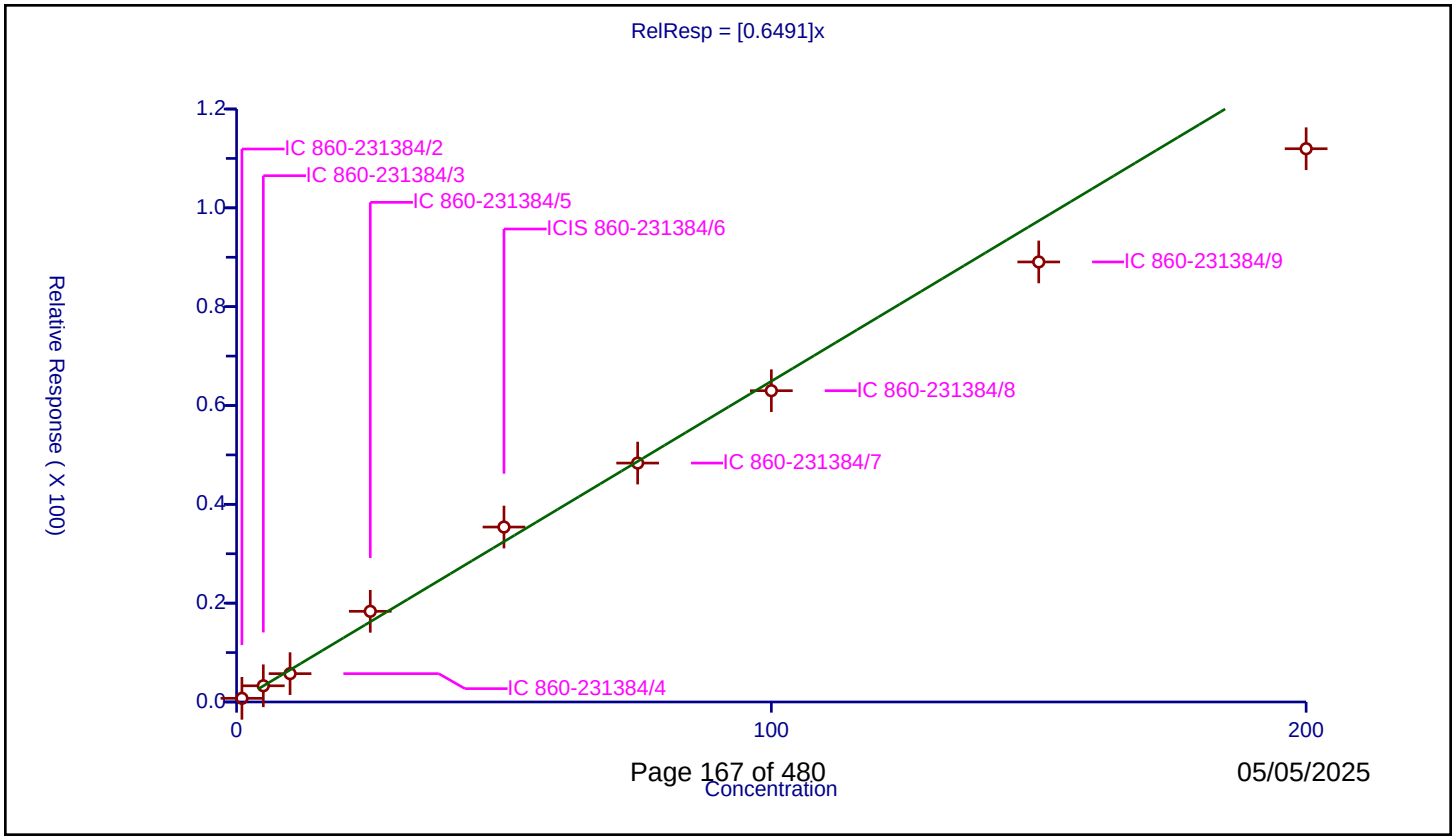
Curve Coefficients

Intercept:	0
Slope:	0.6491

Error Coefficients

Relative Standard Deviation:	10.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	0.743173	50.0	235544.0	0.743173	Y
2	IC 860-231384/3	5.0	3.277106	50.0	229425.0	0.655421	Y
3	IC 860-231384/4	10.0	5.733419	50.0	236168.0	0.573342	Y
4	IC 860-231384/5	25.0	18.350379	50.0	231344.0	0.734015	Y
5	ICIS 860-231384/6	50.0	35.402755	50.0	237055.0	0.708055	Y
6	IC 860-231384/7	75.0	48.351057	50.0	246370.0	0.644681	Y
7	IC 860-231384/8	100.0	62.994718	50.0	250875.0	0.629947	Y
8	IC 860-231384/9	150.0	89.053473	50.0	244927.0	0.59369	Y
9	IC 860-231384/10	200.0	111.962864	50.0	248331.0	0.559814	Y



Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

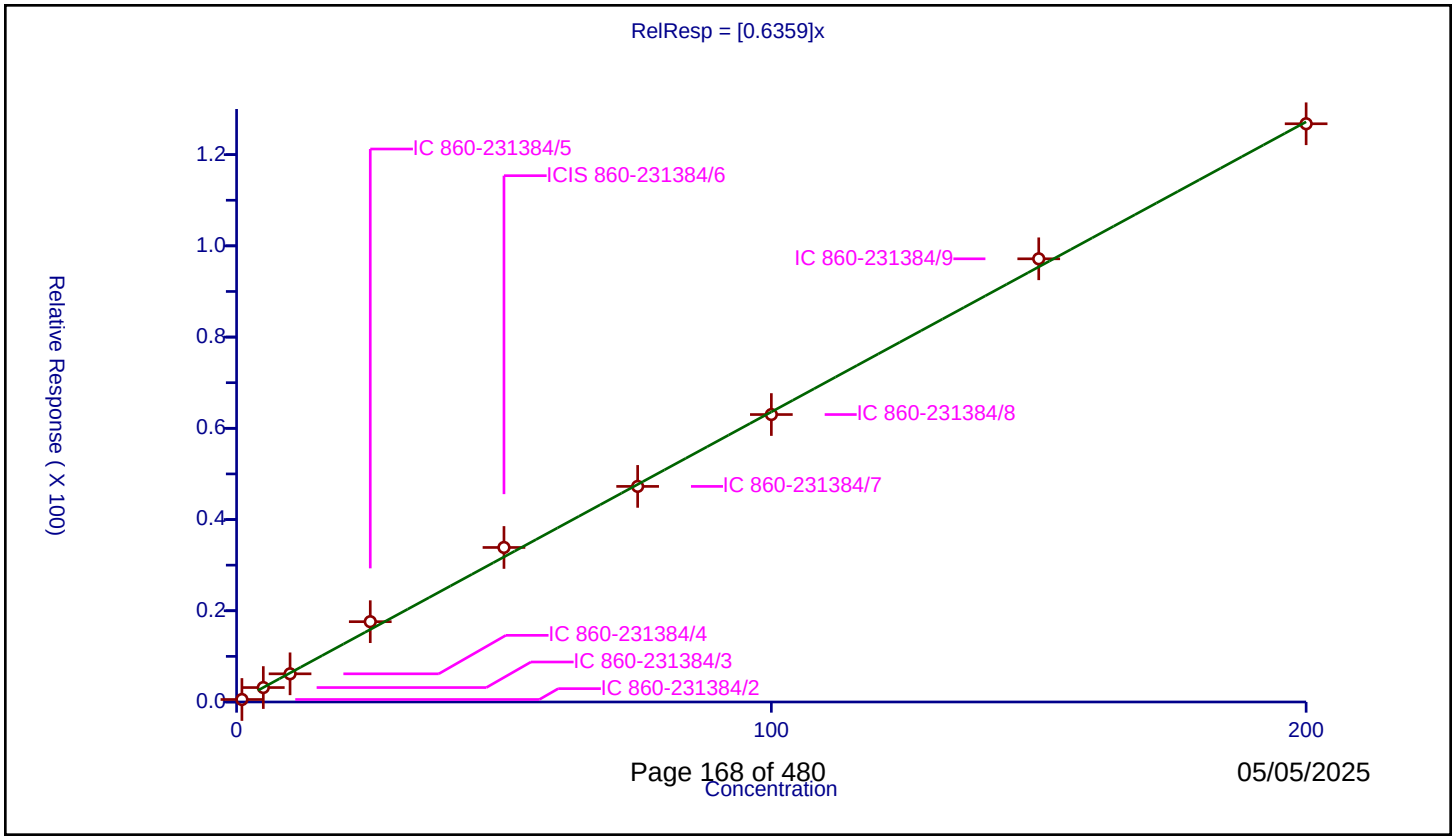
Curve Coefficients

Intercept:	0
Slope:	0.6359

Error Coefficients

Relative Standard Deviation:	6.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	0.549154	50.0	235544.0	0.549154	Y
2	IC 860-231384/3	5.0	3.165523	50.0	229425.0	0.633105	Y
3	IC 860-231384/4	10.0	6.174206	50.0	236168.0	0.617421	Y
4	IC 860-231384/5	25.0	17.606249	50.0	231344.0	0.70425	Y
5	ICIS 860-231384/6	50.0	33.875261	50.0	237055.0	0.677505	Y
6	IC 860-231384/7	75.0	47.264074	50.0	246370.0	0.630188	Y
7	IC 860-231384/8	100.0	63.019233	50.0	250875.0	0.630192	Y
8	IC 860-231384/9	150.0	97.164461	50.0	244927.0	0.647763	Y
9	IC 860-231384/10	200.0	126.769715	50.0	248331.0	0.633849	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

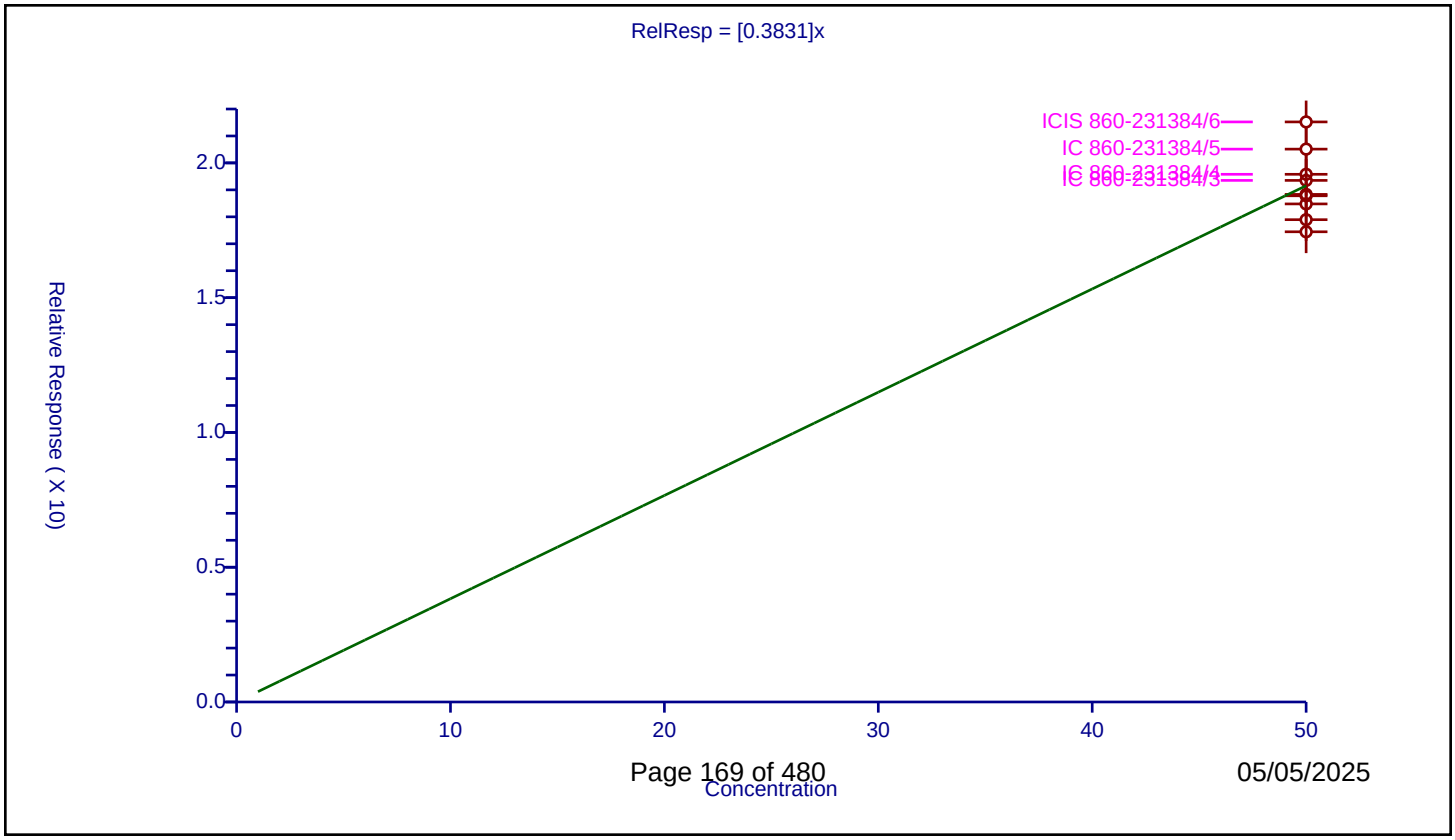
Curve Coefficients

Intercept:	0
Slope:	0.3831

Error Coefficients

Relative Standard Deviation:	6.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	50.0	18.832265	50.0	349557.0	0.376645	Y
2	IC 860-231384/3	50.0	19.351416	50.0	339771.0	0.387028	Y
3	IC 860-231384/4	50.0	19.577995	50.0	347768.0	0.39156	Y
4	IC 860-231384/5	50.0	20.512005	50.0	341227.0	0.41024	Y
5	ICIS 860-231384/6	50.0	21.52119	50.0	342495.0	0.430424	Y
6	IC 860-231384/7	50.0	18.780928	50.0	357682.0	0.375619	Y
7	IC 860-231384/8	50.0	18.479298	50.0	363753.0	0.369586	Y
8	IC 860-231384/9	50.0	17.894539	50.0	358425.0	0.357891	Y
9	IC 860-231384/10	50.0	17.444741	50.0	369759.0	0.348895	Y



Calibration / Isobutyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

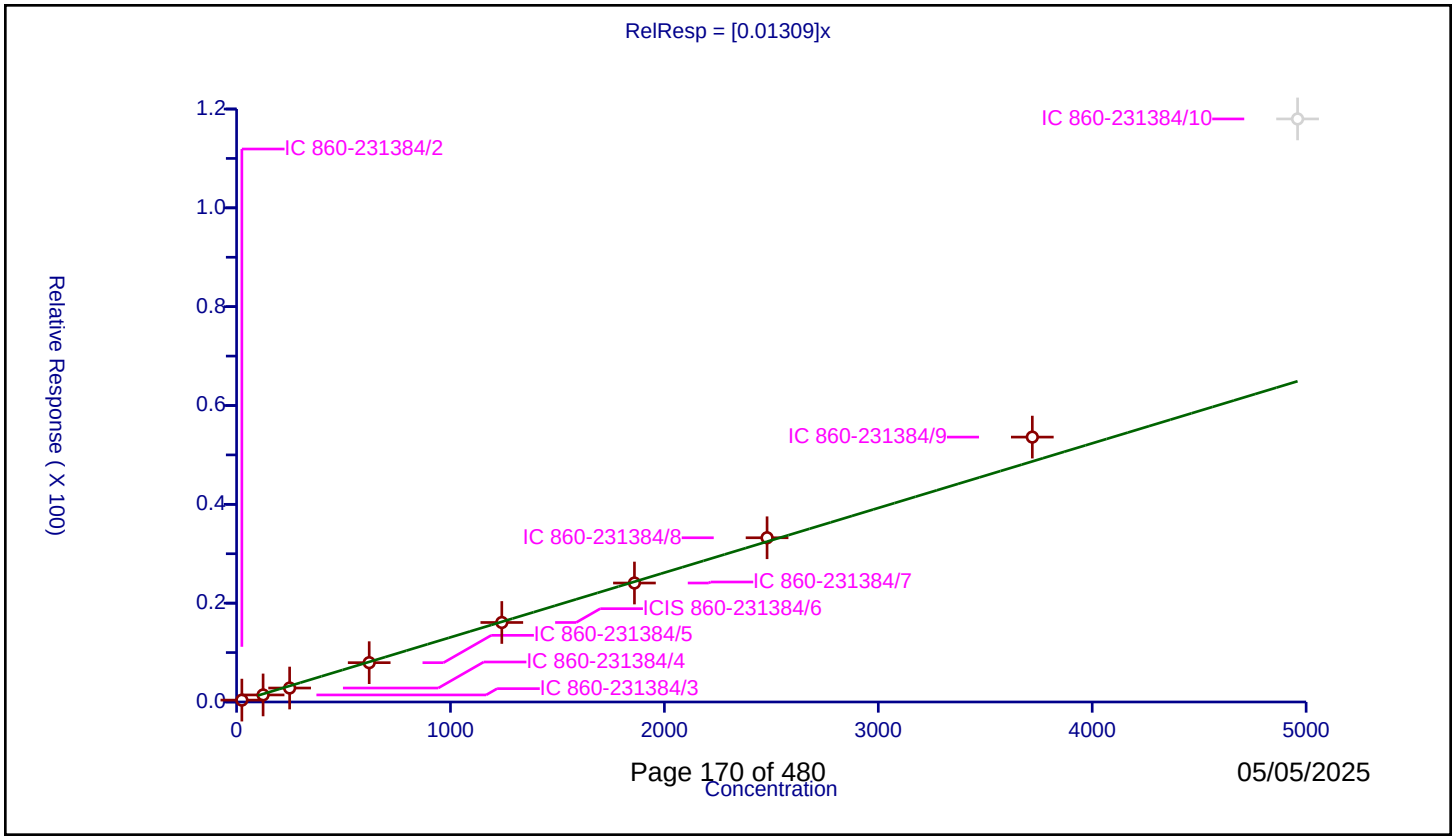
Curve Coefficients

Intercept:	0
Slope:	0.01309

Error Coefficients

Relative Standard Deviation:	10.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	24.8	0.377907	50.0	349557.0	0.015238	Y
2	IC 860-231384/3	124.0	1.427285	50.0	339771.0	0.01151	Y
3	IC 860-231384/4	248.0	2.823146	50.0	347768.0	0.011384	Y
4	IC 860-231384/5	620.0	7.955701	50.0	341227.0	0.012832	Y
5	ICIS 860-231384/6	1240.0	16.0906	50.0	342495.0	0.012976	Y
6	IC 860-231384/7	1860.0	24.076973	50.0	357682.0	0.012945	Y
7	IC 860-231384/8	2480.0	33.234228	50.0	363753.0	0.013401	Y
8	IC 860-231384/9	3720.0	53.60452	50.0	358425.0	0.01441	Y
9	IC 860-231384/10	4960.0	117.990772	50.0	369759.0	0.023788	N



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

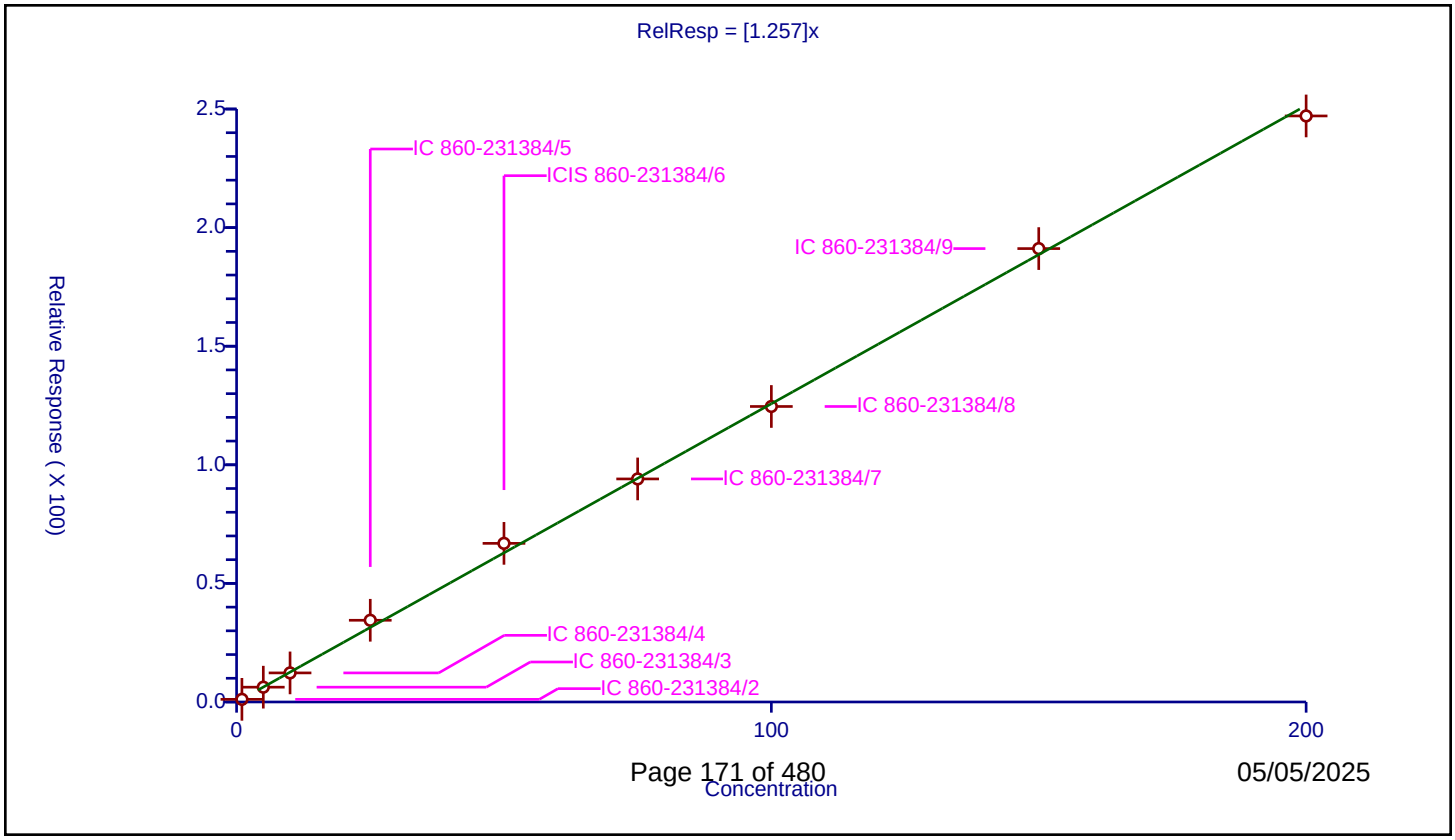
Curve Coefficients

Intercept:	0
Slope:	1.257

Error Coefficients

Relative Standard Deviation:	5.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	1.116127	50.0	349557.0	1.116127	Y
2	IC 860-231384/3	5.0	6.246266	50.0	339771.0	1.249253	Y
3	IC 860-231384/4	10.0	12.262629	50.0	347768.0	1.226263	Y
4	IC 860-231384/5	25.0	34.448183	50.0	341227.0	1.377927	Y
5	ICIS 860-231384/6	50.0	66.875137	50.0	342495.0	1.337503	Y
6	IC 860-231384/7	75.0	94.041635	50.0	357682.0	1.253888	Y
7	IC 860-231384/8	100.0	124.589763	50.0	363753.0	1.245898	Y
8	IC 860-231384/9	150.0	191.158401	50.0	358425.0	1.274389	Y
9	IC 860-231384/10	200.0	247.074311	50.0	369759.0	1.235372	Y



Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

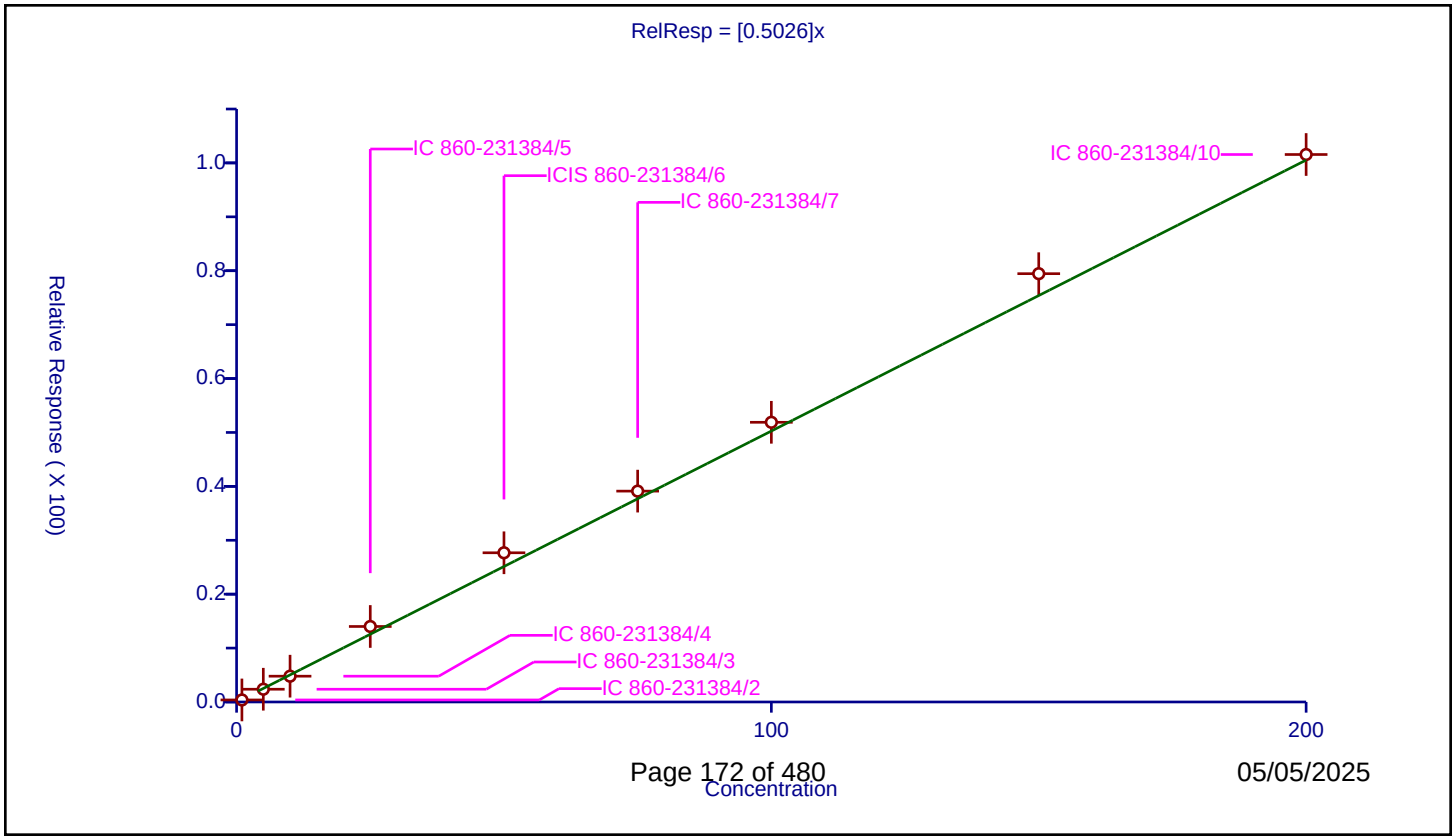
Curve Coefficients

Intercept:	0
Slope:	0.5026

Error Coefficients

Relative Standard Deviation:	10.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	0.379766	50.0	349557.0	0.379766	Y
2	IC 860-231384/3	5.0	2.368654	50.0	339771.0	0.473731	Y
3	IC 860-231384/4	10.0	4.785374	50.0	347768.0	0.478537	Y
4	IC 860-231384/5	25.0	14.006805	50.0	341227.0	0.560272	Y
5	ICIS 860-231384/6	50.0	27.678506	50.0	342495.0	0.55357	Y
6	IC 860-231384/7	75.0	39.114772	50.0	357682.0	0.52153	Y
7	IC 860-231384/8	100.0	51.883558	50.0	363753.0	0.518836	Y
8	IC 860-231384/9	150.0	79.452605	50.0	358425.0	0.529684	Y
9	IC 860-231384/10	200.0	101.558853	50.0	369759.0	0.507794	Y



Calibration / Isooctane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

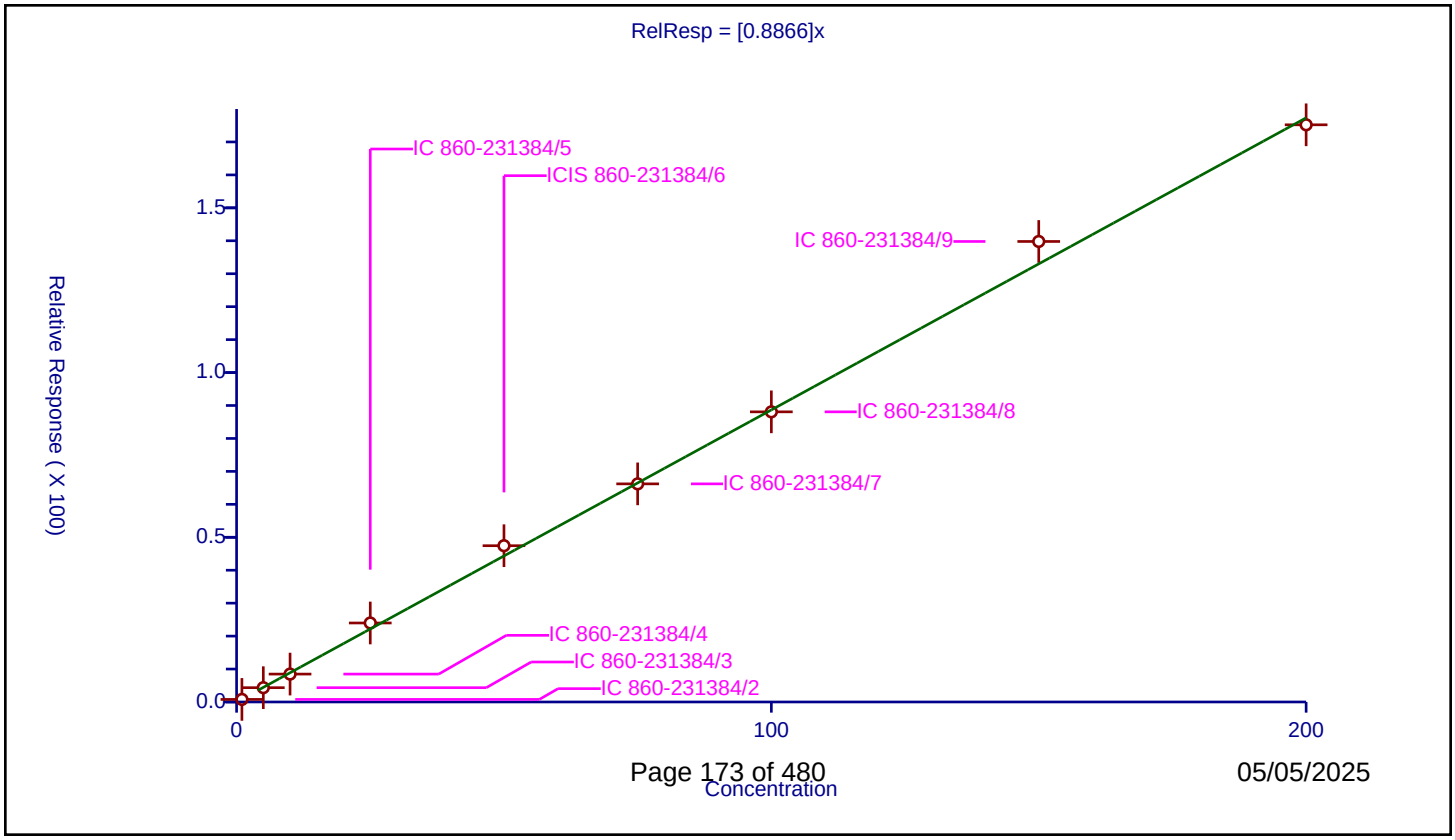
Curve Coefficients

Intercept:	0
Slope:	0.8866

Error Coefficients

Relative Standard Deviation:	6.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	0.784278	50.0	349557.0	0.784278	Y
2	IC 860-231384/3	5.0	4.342631	50.0	339771.0	0.868526	Y
3	IC 860-231384/4	10.0	8.468577	50.0	347768.0	0.846858	Y
4	IC 860-231384/5	25.0	23.979931	50.0	341227.0	0.959197	Y
5	ICIS 860-231384/6	50.0	47.441277	50.0	342495.0	0.948826	Y
6	IC 860-231384/7	75.0	66.208811	50.0	357682.0	0.882784	Y
7	IC 860-231384/8	100.0	88.075287	50.0	363753.0	0.880753	Y
8	IC 860-231384/9	150.0	139.79675	50.0	358425.0	0.931978	Y
9	IC 860-231384/10	200.0	175.211151	50.0	369759.0	0.876056	Y



Calibration / Isopropyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

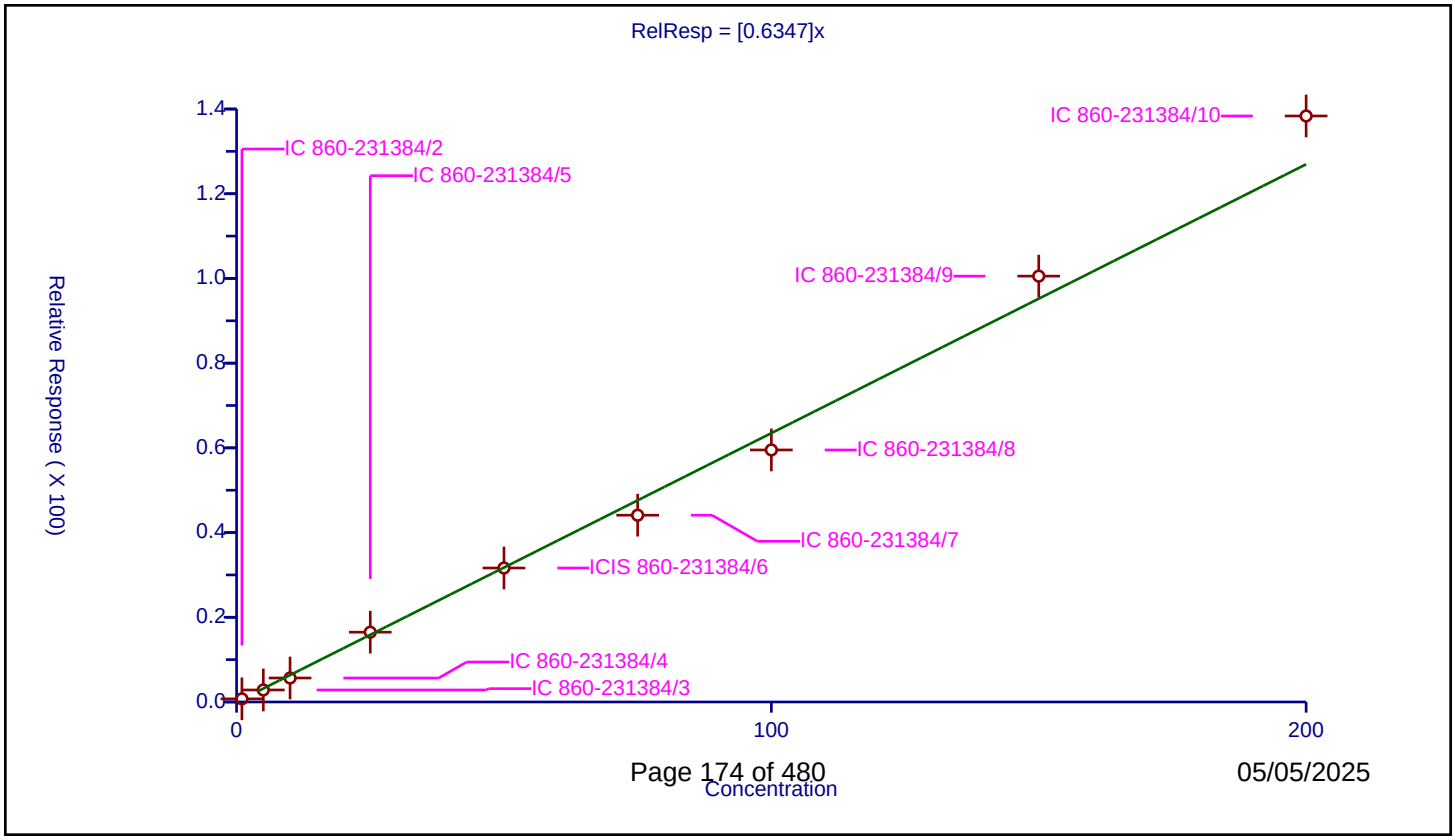
Curve Coefficients

Intercept:	0
Slope:	0.6347

Error Coefficients

Relative Standard Deviation:	9.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	0.7419	50.0	235544.0	0.7419	Y
2	IC 860-231384/3	5.0	2.838182	50.0	229425.0	0.567636	Y
3	IC 860-231384/4	10.0	5.660589	50.0	236168.0	0.566059	Y
4	IC 860-231384/5	25.0	16.481949	50.0	231344.0	0.659278	Y
5	ICIS 860-231384/6	50.0	31.634853	50.0	237055.0	0.632697	Y
6	IC 860-231384/7	75.0	44.098307	50.0	246370.0	0.587977	Y
7	IC 860-231384/8	100.0	59.50852	50.0	250875.0	0.595085	Y
8	IC 860-231384/9	150.0	100.546081	50.0	244927.0	0.670307	Y
9	IC 860-231384/10	200.0	138.35828	50.0	248331.0	0.691791	Y



Calibration / Tert-amyl methyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

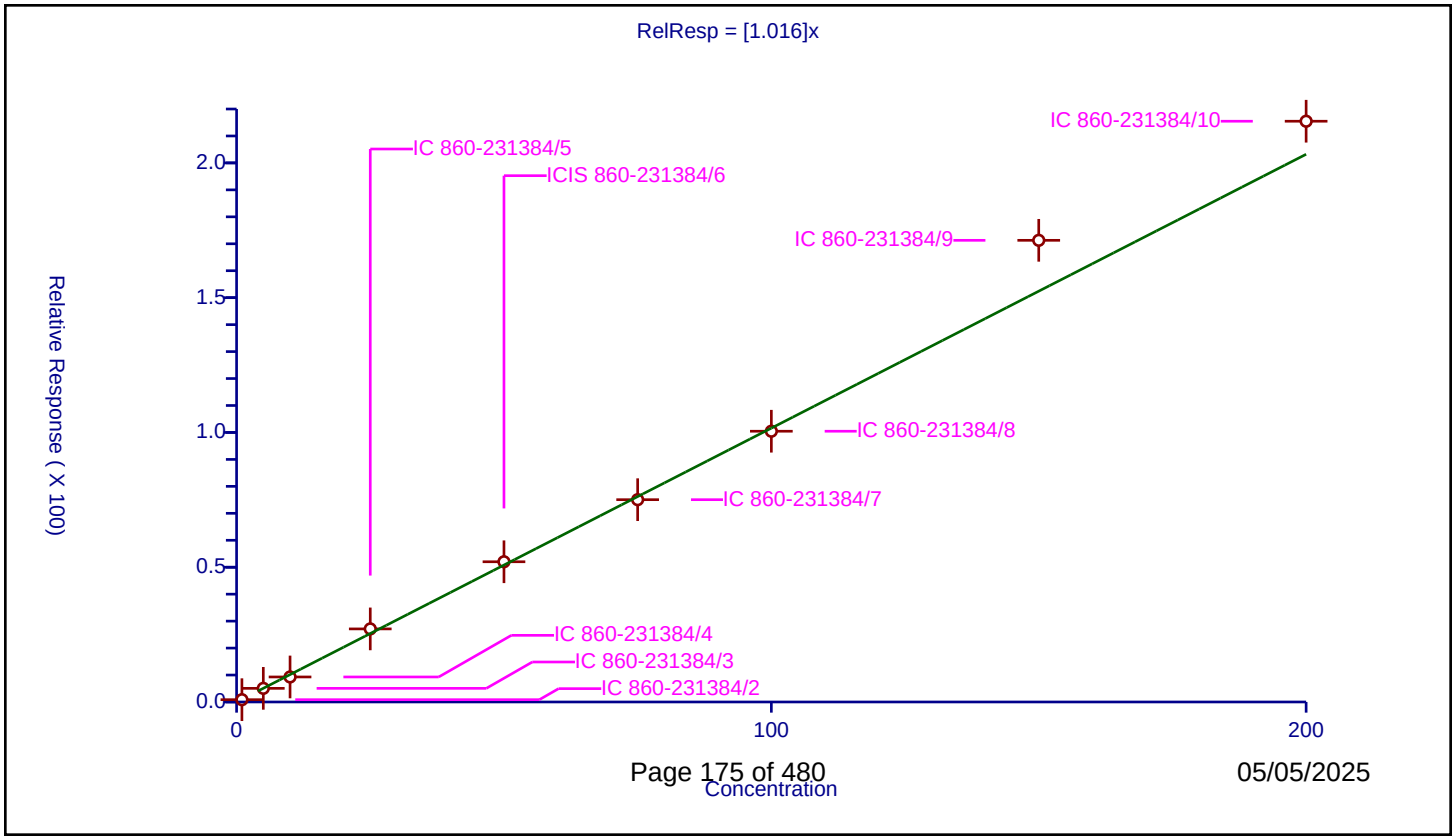
Curve Coefficients

Intercept:	0
Slope:	1.016

Error Coefficients

Relative Standard Deviation:	8.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	0.854224	50.0	349557.0	0.854224	Y
2	IC 860-231384/3	5.0	5.062086	50.0	339771.0	1.012417	Y
3	IC 860-231384/4	10.0	9.282338	50.0	347768.0	0.928234	Y
4	IC 860-231384/5	25.0	27.11245	50.0	341227.0	1.084498	Y
5	ICIS 860-231384/6	50.0	52.025869	50.0	342495.0	1.040517	Y
6	IC 860-231384/7	75.0	75.062206	50.0	357682.0	1.000829	Y
7	IC 860-231384/8	100.0	100.455941	50.0	363753.0	1.004559	Y
8	IC 860-231384/9	150.0	171.282695	50.0	358425.0	1.141885	Y
9	IC 860-231384/10	200.0	215.468048	50.0	369759.0	1.07734	Y



Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

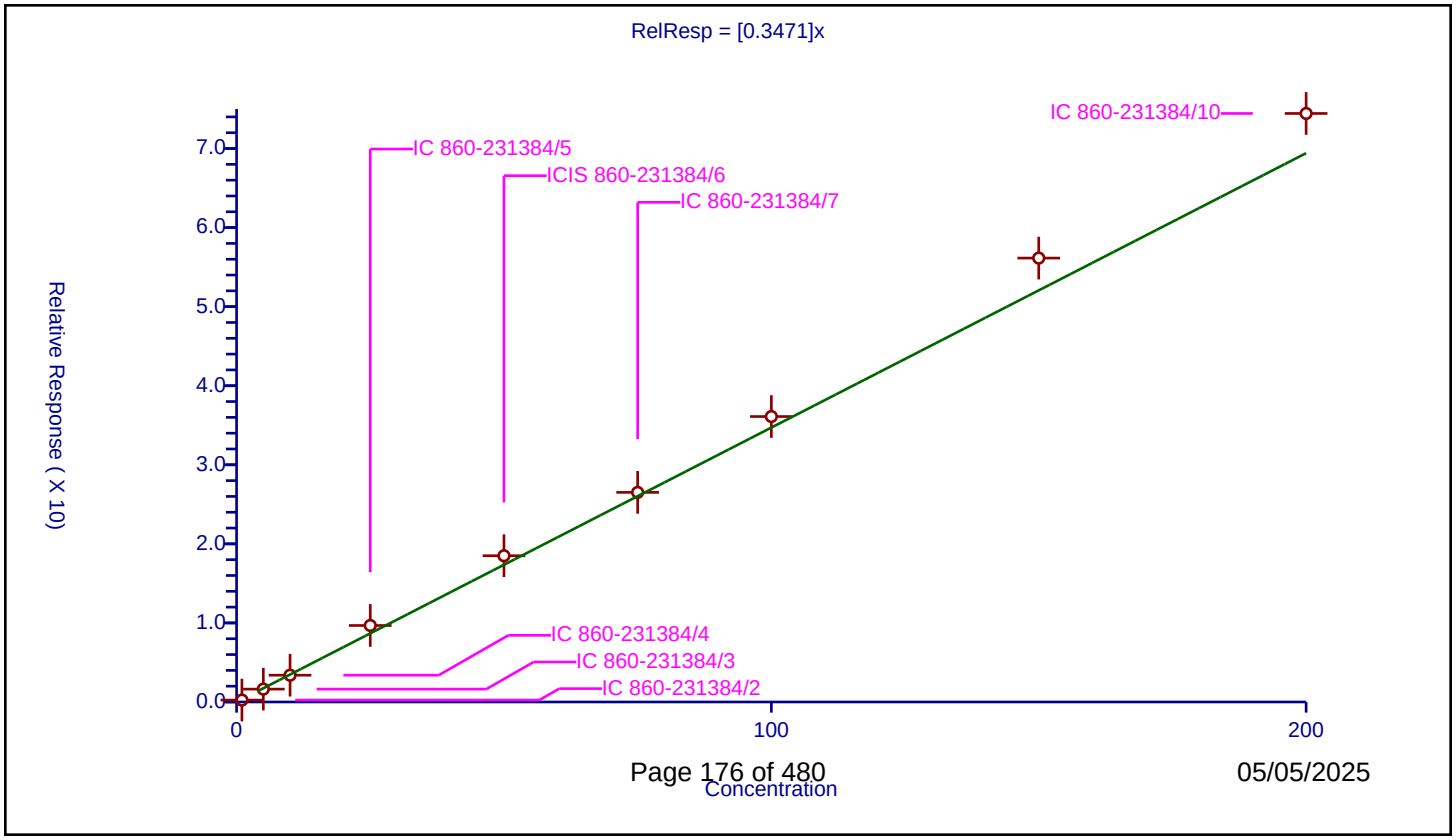
Curve Coefficients

Intercept:	0
Slope:	0.3471

Error Coefficients

Relative Standard Deviation:	12.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	0.241162	50.0	349557.0	0.241162	Y
2	IC 860-231384/3	5.0	1.628891	50.0	339771.0	0.325778	Y
3	IC 860-231384/4	10.0	3.387891	50.0	347768.0	0.338789	Y
4	IC 860-231384/5	25.0	9.673326	50.0	341227.0	0.386933	Y
5	ICIS 860-231384/6	50.0	18.497642	50.0	342495.0	0.369953	Y
6	IC 860-231384/7	75.0	26.510699	50.0	357682.0	0.353476	Y
7	IC 860-231384/8	100.0	36.104032	50.0	363753.0	0.36104	Y
8	IC 860-231384/9	150.0	56.146335	50.0	358425.0	0.374309	Y
9	IC 860-231384/10	200.0	74.435781	50.0	369759.0	0.372179	Y



Calibration / n-Butanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

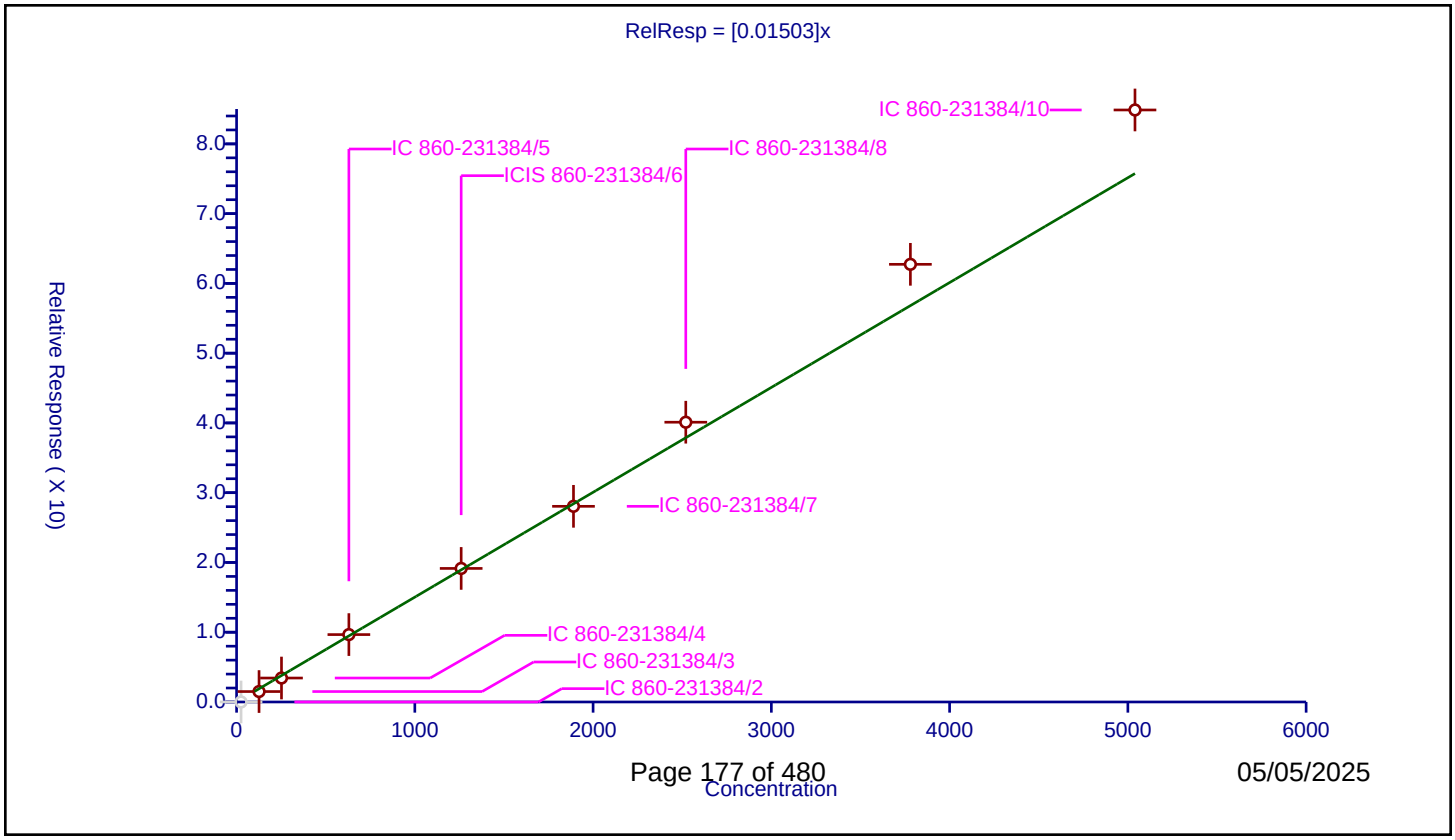
Curve Coefficients

Intercept:	0
Slope:	0.01503

Error Coefficients

Relative Standard Deviation:	10.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	25.2	0.0	50.0	171989.0	0.0	N
2	IC 860-231384/3	126.0	1.497526	50.0	168578.0	0.011885	Y
3	IC 860-231384/4	252.0	3.435519	50.0	171648.0	0.013633	Y
4	IC 860-231384/5	630.0	9.662001	50.0	180030.0	0.015337	Y
5	ICIS 860-231384/6	1260.0	19.145532	50.0	188749.0	0.015195	Y
6	IC 860-231384/7	1890.0	28.048847	50.0	200461.0	0.014841	Y
7	IC 860-231384/8	2520.0	40.10466	50.0	199407.0	0.015915	Y
8	IC 860-231384/9	3780.0	62.736457	50.0	202415.0	0.016597	Y
9	IC 860-231384/10	5040.0	84.861642	50.0	206132.0	0.016838	Y



Calibration / Methylcyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

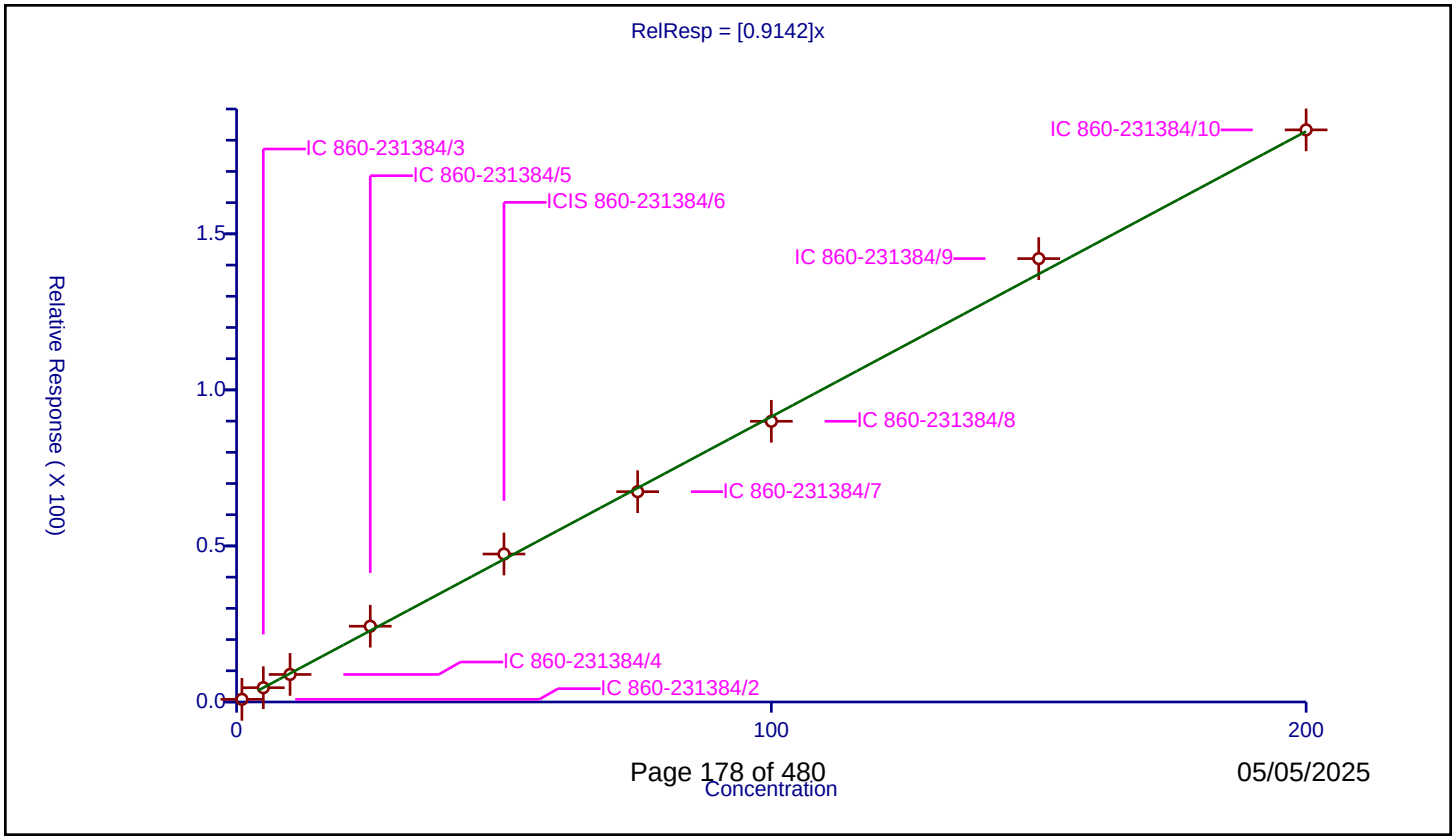
Curve Coefficients

Intercept:	0
Slope:	0.9142

Error Coefficients

Relative Standard Deviation:	4.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	0.849075	50.0	349557.0	0.849075	Y
2	IC 860-231384/3	5.0	4.576318	50.0	339771.0	0.915264	Y
3	IC 860-231384/4	10.0	8.823411	50.0	347768.0	0.882341	Y
4	IC 860-231384/5	25.0	24.280464	50.0	341227.0	0.971219	Y
5	ICIS 860-231384/6	50.0	47.410911	50.0	342495.0	0.948218	Y
6	IC 860-231384/7	75.0	67.389329	50.0	357682.0	0.898524	Y
7	IC 860-231384/8	100.0	89.945512	50.0	363753.0	0.899455	Y
8	IC 860-231384/9	150.0	142.064449	50.0	358425.0	0.947096	Y
9	IC 860-231384/10	200.0	183.316025	50.0	369759.0	0.91658	Y



Calibration / Ethyl acrylate

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

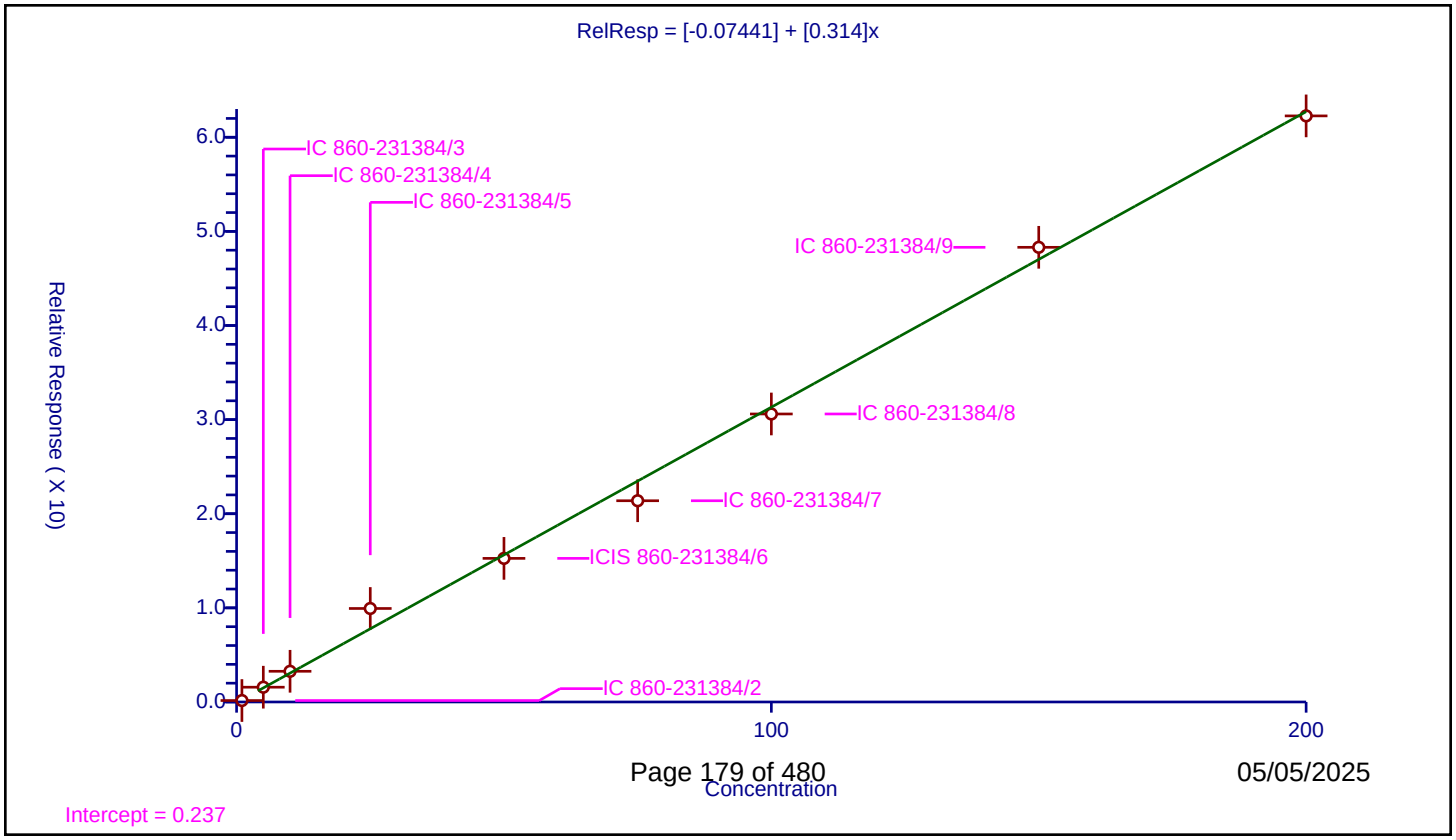
Curve Coefficients

Intercept:	-0.07441
Slope:	0.314

Error Coefficients

Relative Standard Deviation:	15.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	0.15437	50.0	171989.0	0.15437	Y
2	IC 860-231384/3	5.0	1.572269	50.0	168578.0	0.314454	Y
3	IC 860-231384/4	10.0	3.261326	50.0	171648.0	0.326133	Y
4	IC 860-231384/5	25.0	9.933622	50.0	180030.0	0.397345	Y
5	ICIS 860-231384/6	50.0	15.258359	50.0	188749.0	0.305167	Y
6	IC 860-231384/7	75.0	21.380967	50.0	200461.0	0.28508	Y
7	IC 860-231384/8	100.0	30.598725	50.0	199407.0	0.305987	Y
8	IC 860-231384/9	150.0	48.307191	50.0	202415.0	0.322048	Y
9	IC 860-231384/10	200.0	62.269565	50.0	206132.0	0.311348	Y



Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

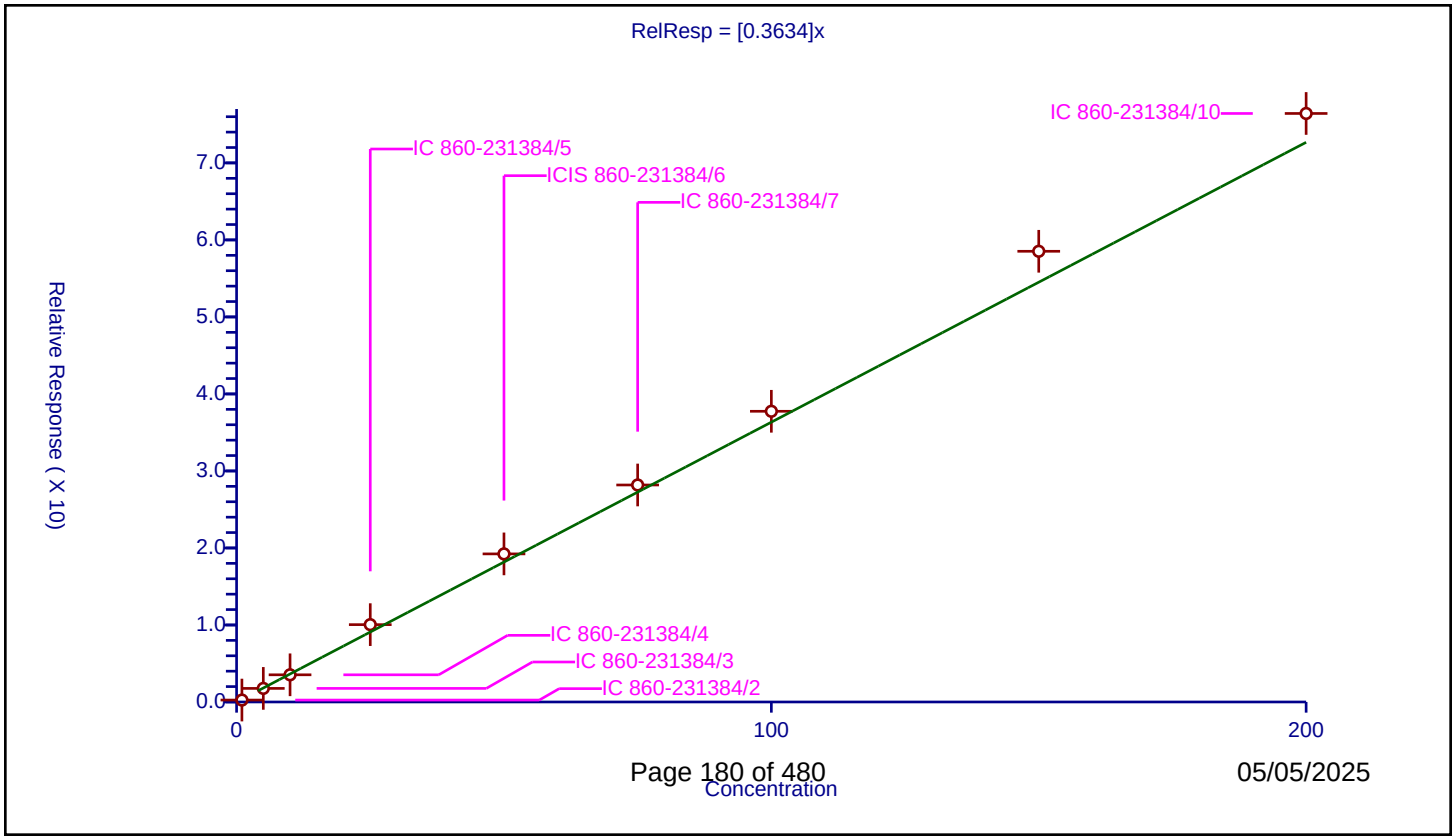
Curve Coefficients

Intercept:	0
Slope:	0.3634

Error Coefficients

Relative Standard Deviation:	12.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	0.252605	50.0	349557.0	0.252605	Y
2	IC 860-231384/3	5.0	1.765454	50.0	339771.0	0.353091	Y
3	IC 860-231384/4	10.0	3.528933	50.0	347768.0	0.352893	Y
4	IC 860-231384/5	25.0	10.043461	50.0	341227.0	0.401738	Y
5	ICIS 860-231384/6	50.0	19.230646	50.0	342495.0	0.384613	Y
6	IC 860-231384/7	75.0	28.179221	50.0	357682.0	0.375723	Y
7	IC 860-231384/8	100.0	37.74883	50.0	363753.0	0.377488	Y
8	IC 860-231384/9	150.0	58.525912	50.0	358425.0	0.390173	Y
9	IC 860-231384/10	200.0	76.420858	50.0	369759.0	0.382104	Y



Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

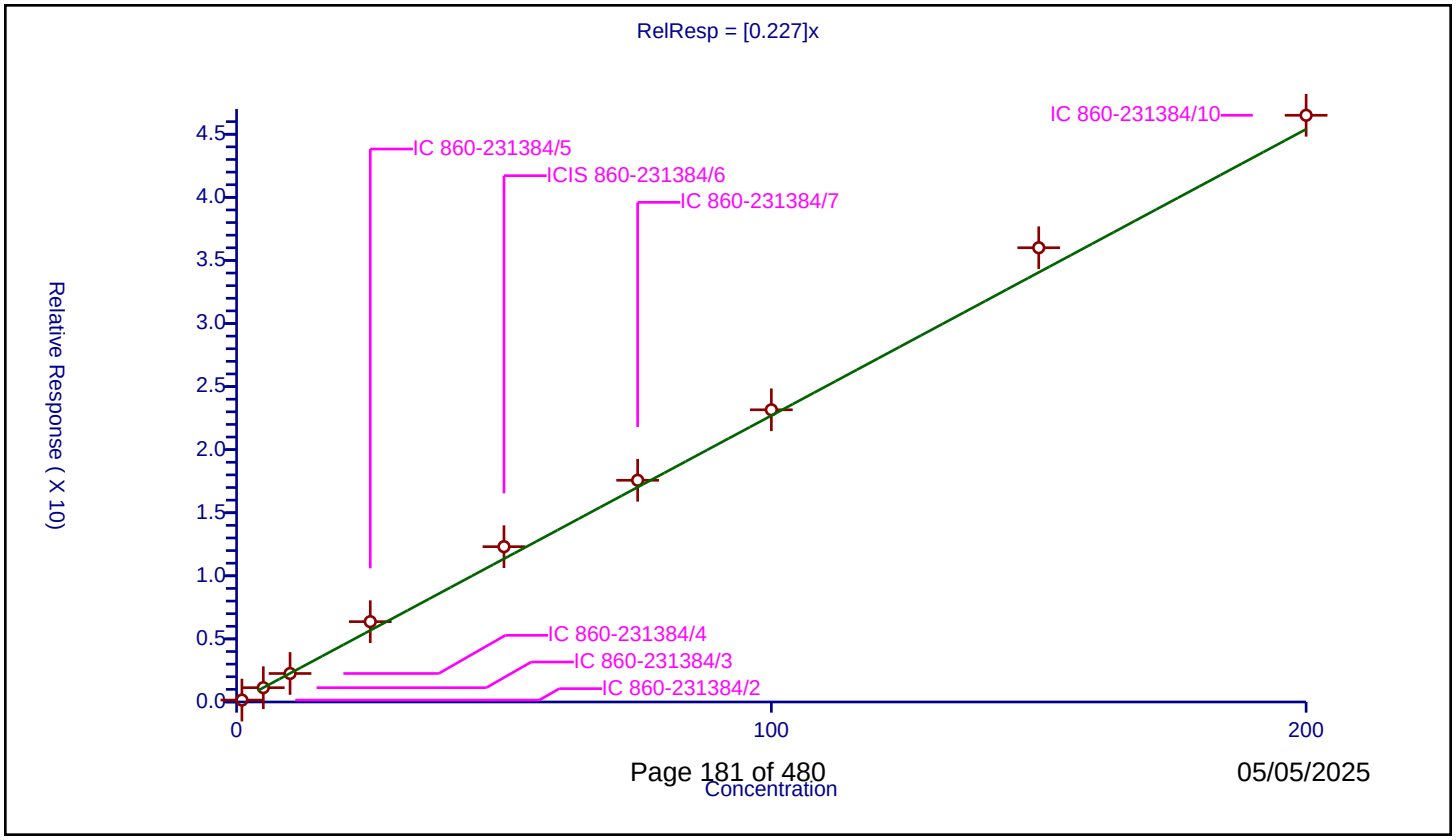
Curve Coefficients

Intercept:	0
Slope:	0.227

Error Coefficients

Relative Standard Deviation:	13.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	0.151048	50.0	349557.0	0.151048	Y
2	IC 860-231384/3	5.0	1.133999	50.0	339771.0	0.2268	Y
3	IC 860-231384/4	10.0	2.257971	50.0	347768.0	0.225797	Y
4	IC 860-231384/5	25.0	6.367609	50.0	341227.0	0.254704	Y
5	ICIS 860-231384/6	50.0	12.310107	50.0	342495.0	0.246202	Y
6	IC 860-231384/7	75.0	17.574829	50.0	357682.0	0.234331	Y
7	IC 860-231384/8	100.0	23.160221	50.0	363753.0	0.231602	Y
8	IC 860-231384/9	150.0	36.00544	50.0	358425.0	0.240036	Y
9	IC 860-231384/10	200.0	46.502316	50.0	369759.0	0.232512	Y



Calibration / Methyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

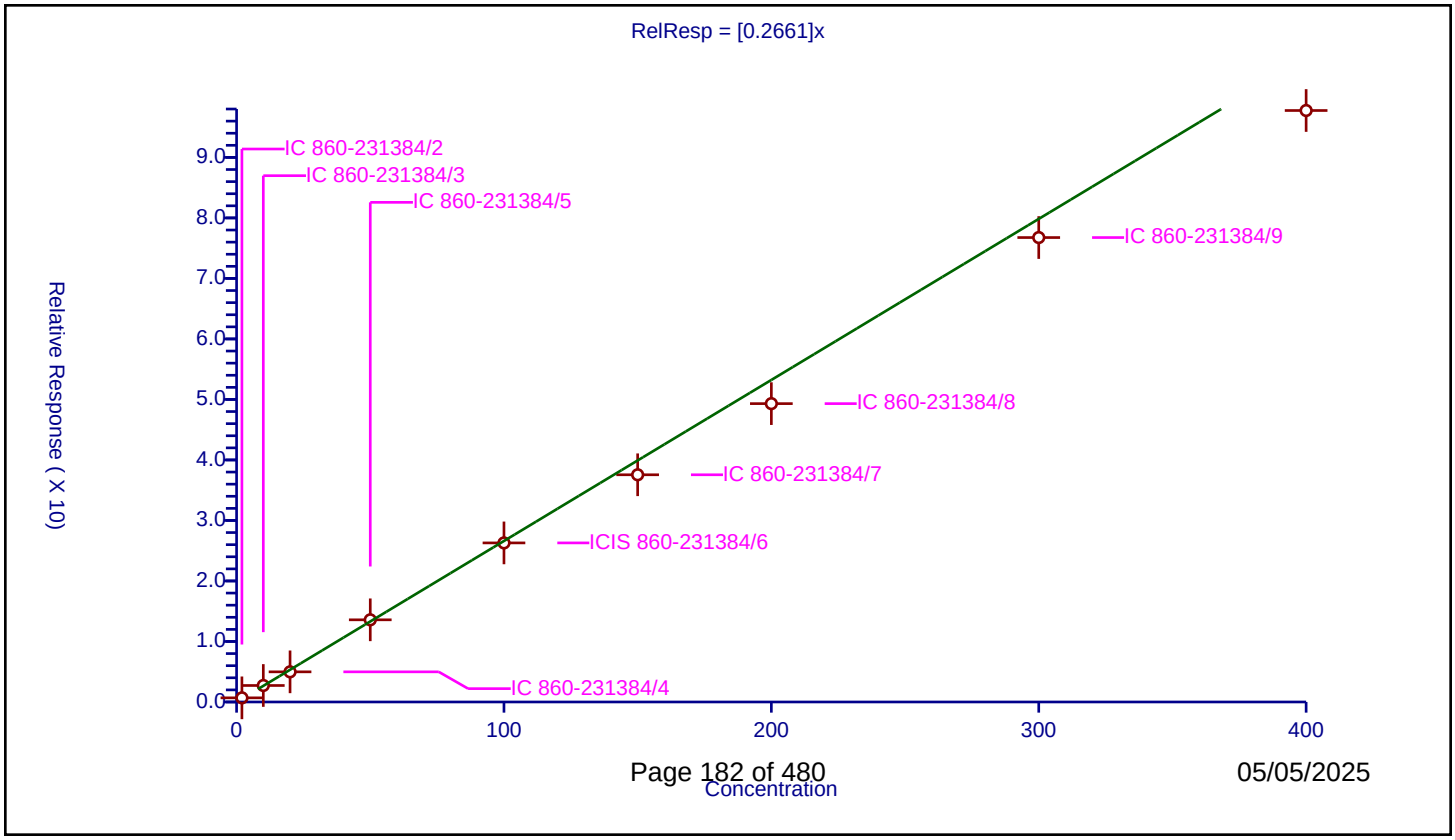
Curve Coefficients

Intercept:	0
Slope:	0.2661

Error Coefficients

Relative Standard Deviation:	11.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	2.0	0.683293	50.0	349557.0	0.341647	Y
2	IC 860-231384/3	10.0	2.726542	50.0	339771.0	0.272654	Y
3	IC 860-231384/4	20.0	4.983063	50.0	347768.0	0.249153	Y
4	IC 860-231384/5	50.0	13.579523	50.0	341227.0	0.27159	Y
5	ICIS 860-231384/6	100.0	26.290457	50.0	342495.0	0.262905	Y
6	IC 860-231384/7	150.0	37.550813	50.0	357682.0	0.250339	Y
7	IC 860-231384/8	200.0	49.308734	50.0	363753.0	0.246544	Y
8	IC 860-231384/9	300.0	76.759155	50.0	358425.0	0.255864	Y
9	IC 860-231384/10	400.0	97.752861	50.0	369759.0	0.244382	Y



Calibration / 1,4-Dioxane

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

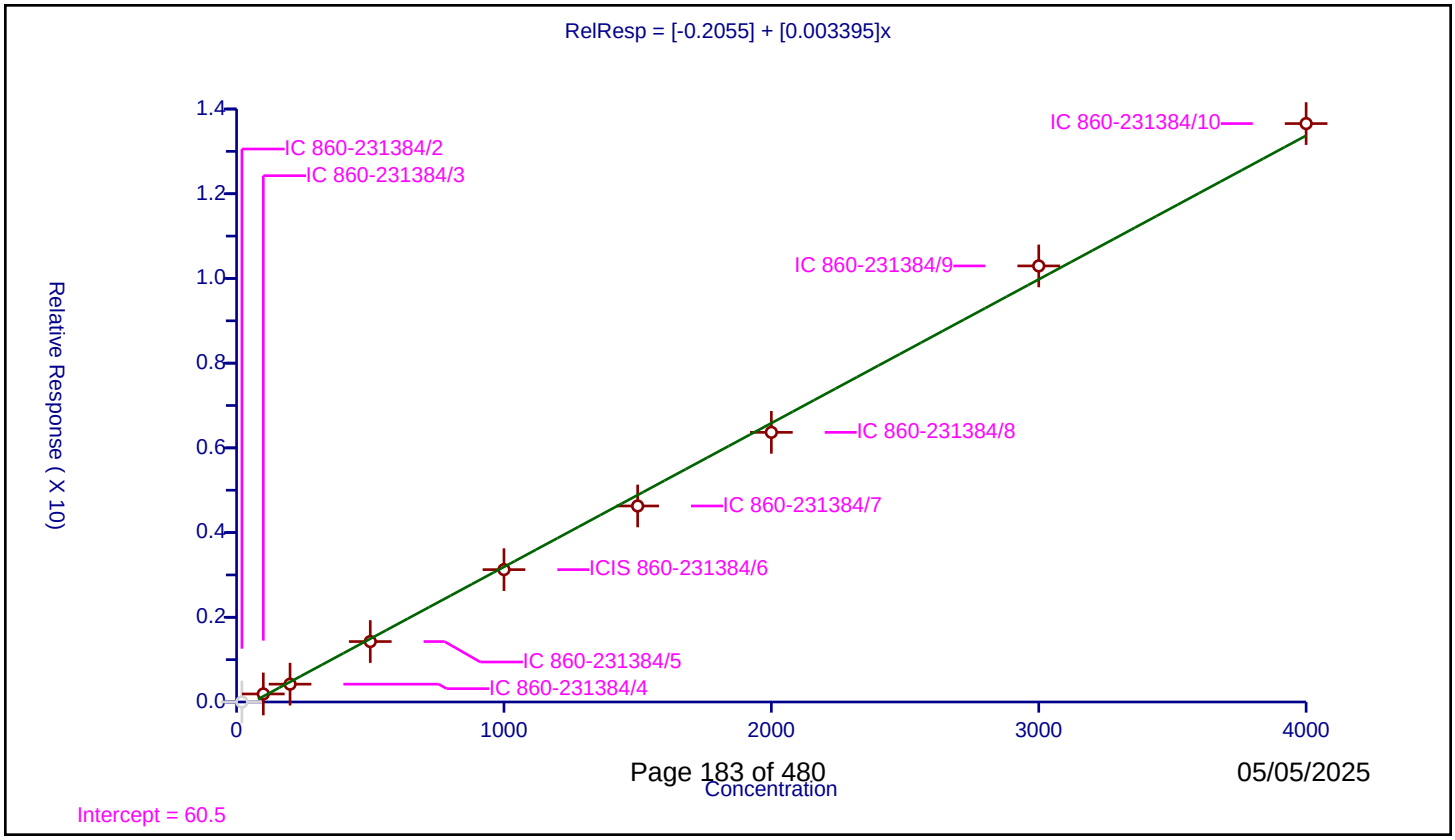
Curve Coefficients

Intercept:	-0.2055
Slope:	0.003395

Error Coefficients

Relative Standard Deviation:	8.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	20.0	0.0	50.0	349557.0	0.0	N
2	IC 860-231384/3	100.0	0.189981	50.0	339771.0	0.0019	Y
3	IC 860-231384/4	200.0	0.420827	50.0	347768.0	0.002104	Y
4	IC 860-231384/5	500.0	1.426763	50.0	341227.0	0.002854	Y
5	ICIS 860-231384/6	1000.0	3.125155	50.0	342495.0	0.003125	Y
6	IC 860-231384/7	1500.0	4.627714	50.0	357682.0	0.003085	Y
7	IC 860-231384/8	2000.0	6.366408	50.0	363753.0	0.003183	Y
8	IC 860-231384/9	3000.0	10.29518	50.0	358425.0	0.003432	Y
9	IC 860-231384/10	4000.0	13.656057	50.0	369759.0	0.003414	Y



Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

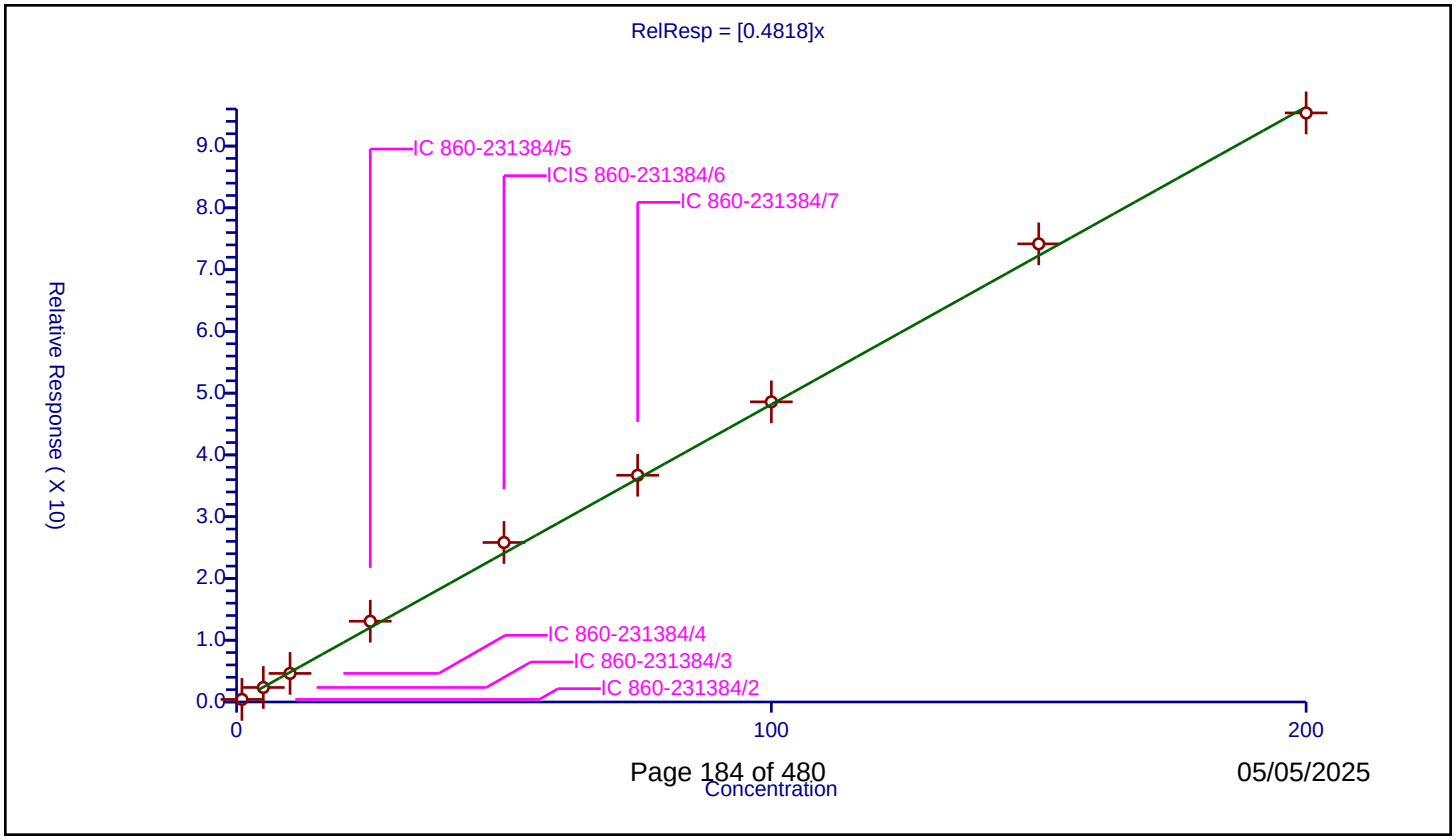
Curve Coefficients

Intercept:	0
Slope:	0.4818

Error Coefficients

Relative Standard Deviation:	6.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	0.417672	50.0	349557.0	0.417672	Y
2	IC 860-231384/3	5.0	2.348641	50.0	339771.0	0.469728	Y
3	IC 860-231384/4	10.0	4.627223	50.0	347768.0	0.462722	Y
4	IC 860-231384/5	25.0	13.072676	50.0	341227.0	0.522907	Y
5	ICIS 860-231384/6	50.0	25.822129	50.0	342495.0	0.516443	Y
6	IC 860-231384/7	75.0	36.708864	50.0	357682.0	0.489452	Y
7	IC 860-231384/8	100.0	48.593001	50.0	363753.0	0.48593	Y
8	IC 860-231384/9	150.0	74.168794	50.0	358425.0	0.494459	Y
9	IC 860-231384/10	200.0	95.364278	50.0	369759.0	0.476821	Y



Calibration / 2-Nitropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

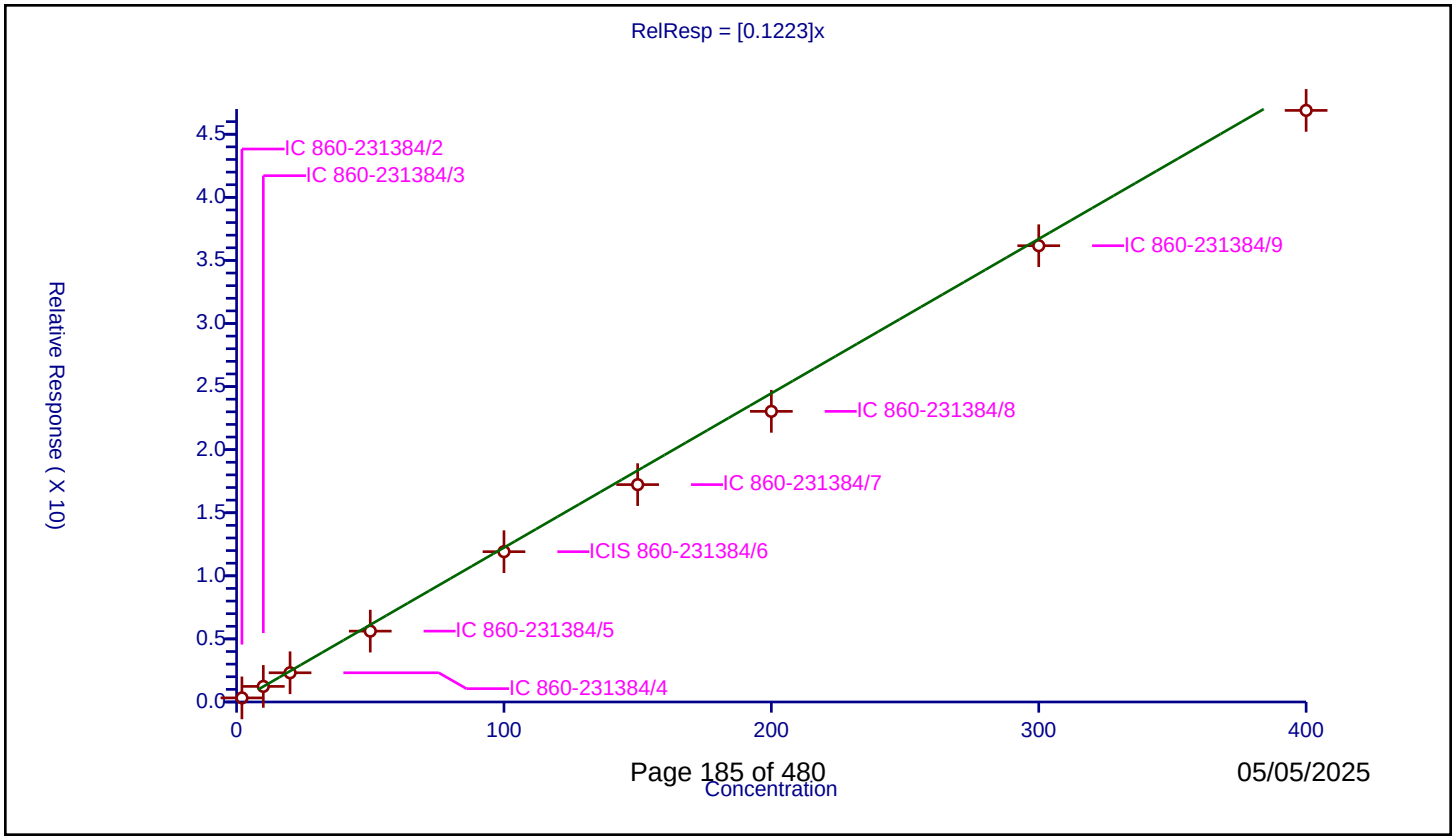
Curve Coefficients

Intercept:	0
Slope:	0.1223

Error Coefficients

Relative Standard Deviation:	12.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	2.0	0.324697	50.0	349557.0	0.162348	Y
2	IC 860-231384/3	10.0	1.236127	50.0	339771.0	0.123613	Y
3	IC 860-231384/4	20.0	2.315049	50.0	347768.0	0.115752	Y
4	IC 860-231384/5	50.0	5.617082	50.0	341227.0	0.112342	Y
5	ICIS 860-231384/6	100.0	11.913897	50.0	342495.0	0.119139	Y
6	IC 860-231384/7	150.0	17.228991	50.0	357682.0	0.11486	Y
7	IC 860-231384/8	200.0	23.035824	50.0	363753.0	0.115179	Y
8	IC 860-231384/9	300.0	36.164888	50.0	358425.0	0.12055	Y
9	IC 860-231384/10	400.0	46.891083	50.0	369759.0	0.117228	Y



Calibration / 2-Chloroethyl vinyl ether

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

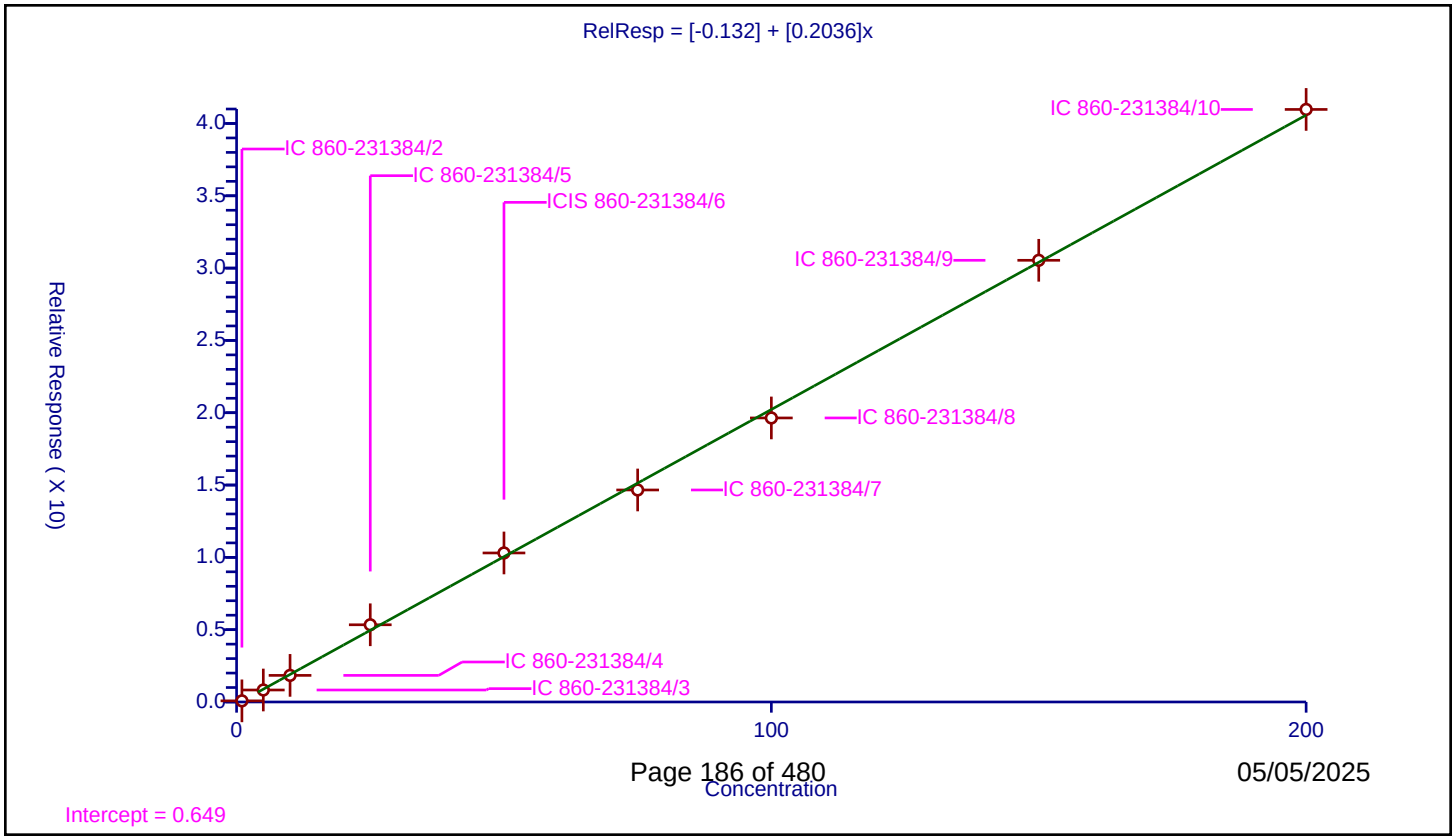
Curve Coefficients

Intercept:	-0.132
Slope:	0.2036

Error Coefficients

Relative Standard Deviation:	4.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	0.078099	50.0	349557.0	0.078099	Y
2	IC 860-231384/3	5.0	0.828646	50.0	339771.0	0.165729	Y
3	IC 860-231384/4	10.0	1.839876	50.0	347768.0	0.183988	Y
4	IC 860-231384/5	25.0	5.338821	50.0	341227.0	0.213553	Y
5	ICIS 860-231384/6	50.0	10.304822	50.0	342495.0	0.206096	Y
6	IC 860-231384/7	75.0	14.659111	50.0	357682.0	0.195455	Y
7	IC 860-231384/8	100.0	19.639288	50.0	363753.0	0.196393	Y
8	IC 860-231384/9	150.0	30.540559	50.0	358425.0	0.203604	Y
9	IC 860-231384/10	200.0	40.970876	50.0	369759.0	0.204854	Y



Calibration / Epichlorohydrin

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

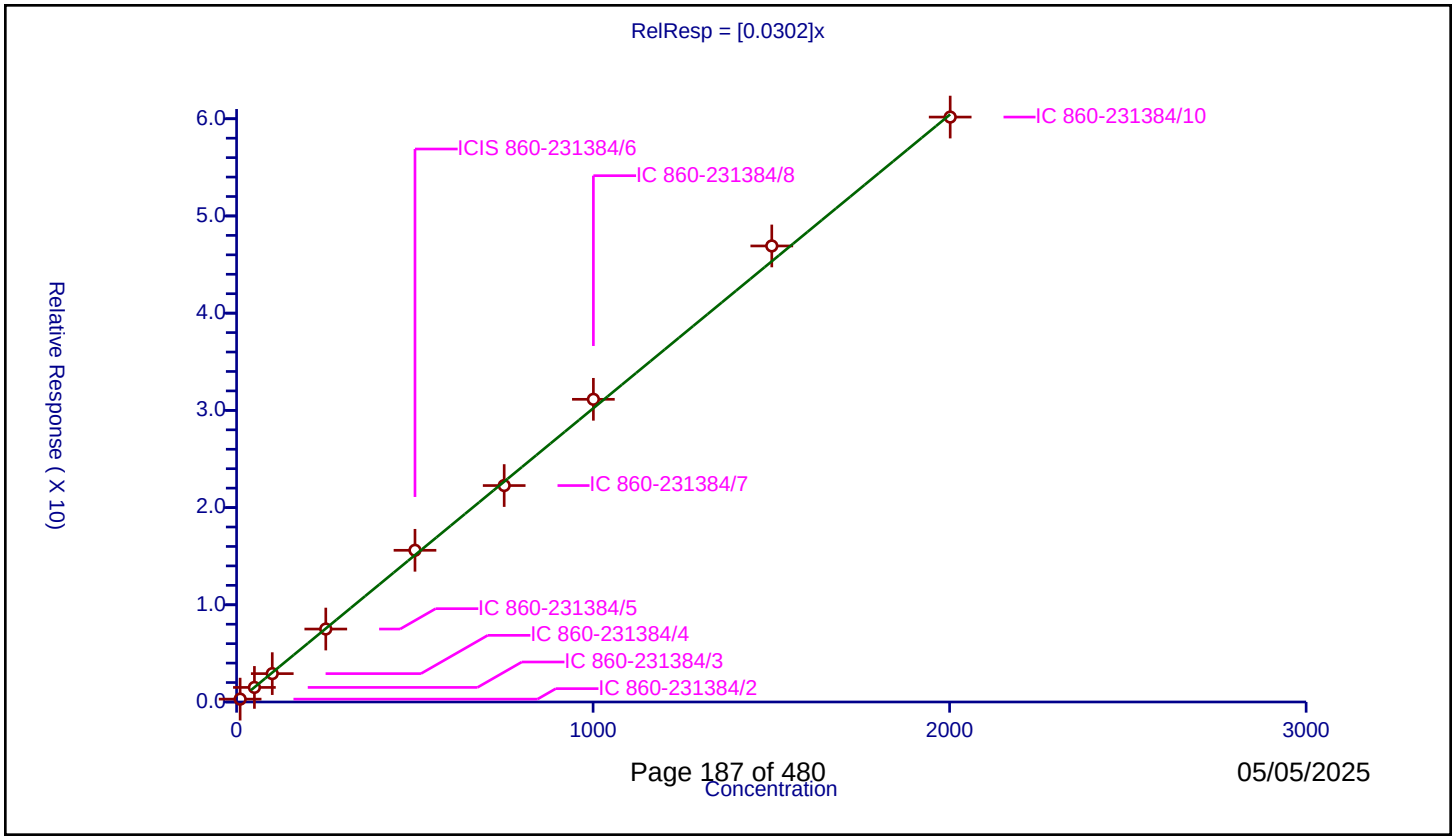
Curve Coefficients

Intercept:	0
Slope:	0.0302

Error Coefficients

Relative Standard Deviation:	2.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	10.00818	0.294373	50.0	349557.0	0.029413	Y
2	IC 860-231384/3	50.0409	1.499539	50.0	339771.0	0.029966	Y
3	IC 860-231384/4	100.0818	2.9166	50.0	347768.0	0.029142	Y
4	IC 860-231384/5	250.2045	7.504535	50.0	341227.0	0.029994	Y
5	ICIS 860-231384/6	500.409	15.605191	50.0	342495.0	0.031185	Y
6	IC 860-231384/7	750.6135	22.266287	50.0	357682.0	0.029664	Y
7	IC 860-231384/8	1000.818	31.135963	50.0	363753.0	0.031111	Y
8	IC 860-231384/9	1501.227	46.914417	50.0	358425.0	0.031251	Y
9	IC 860-231384/10	2001.636	60.170544	50.0	369759.0	0.030061	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

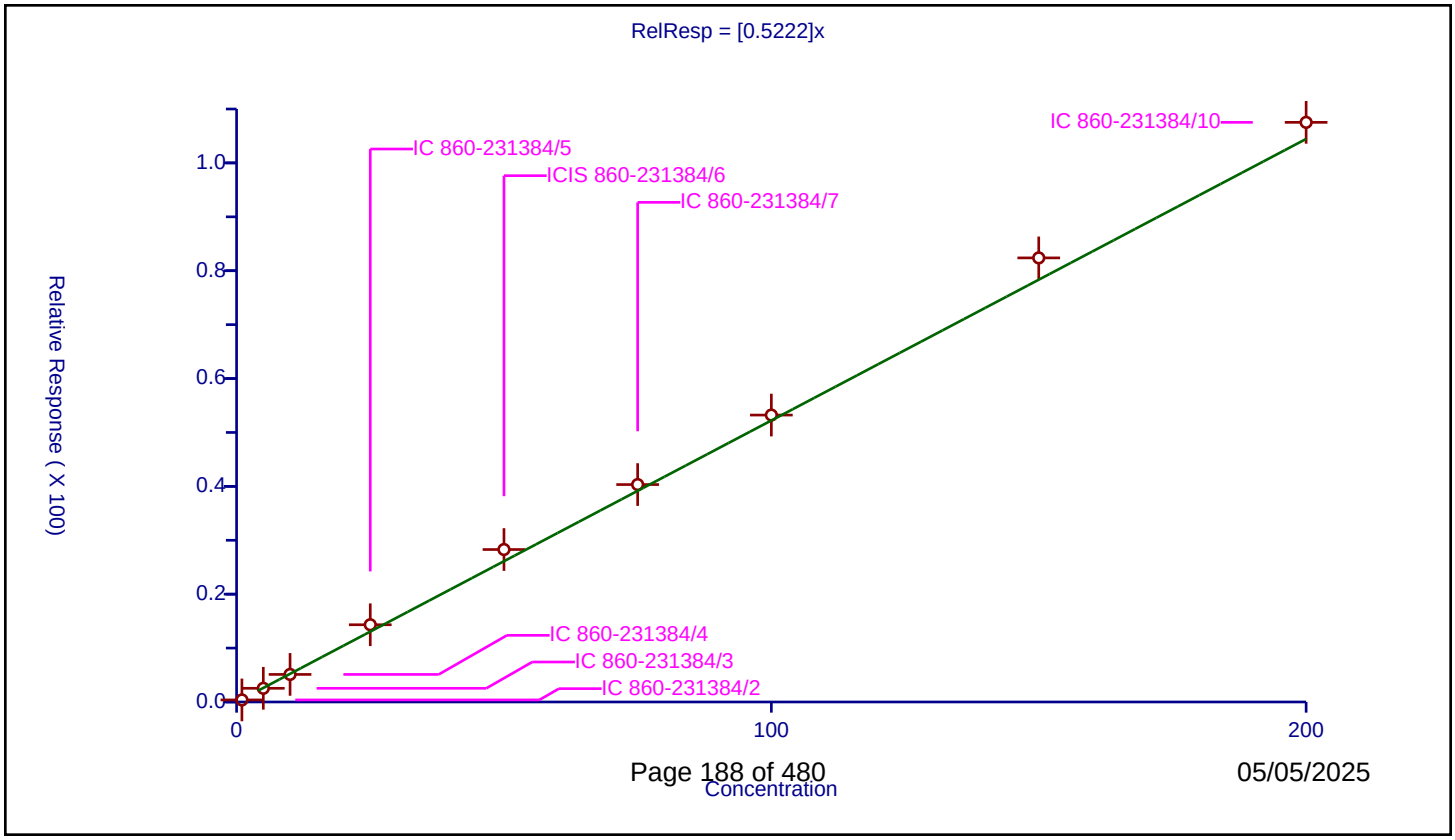
Curve Coefficients

Intercept:	0
Slope:	0.5222

Error Coefficients

Relative Standard Deviation:	10.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	0.385345	50.0	349557.0	0.385345	Y
2	IC 860-231384/3	5.0	2.538622	50.0	339771.0	0.507724	Y
3	IC 860-231384/4	10.0	5.111454	50.0	347768.0	0.511145	Y
4	IC 860-231384/5	25.0	14.330783	50.0	341227.0	0.573231	Y
5	ICIS 860-231384/6	50.0	28.283917	50.0	342495.0	0.565678	Y
6	IC 860-231384/7	75.0	40.331915	50.0	357682.0	0.537759	Y
7	IC 860-231384/8	100.0	53.225403	50.0	363753.0	0.532254	Y
8	IC 860-231384/9	150.0	82.380972	50.0	358425.0	0.549206	Y
9	IC 860-231384/10	200.0	107.525983	50.0	369759.0	0.53763	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

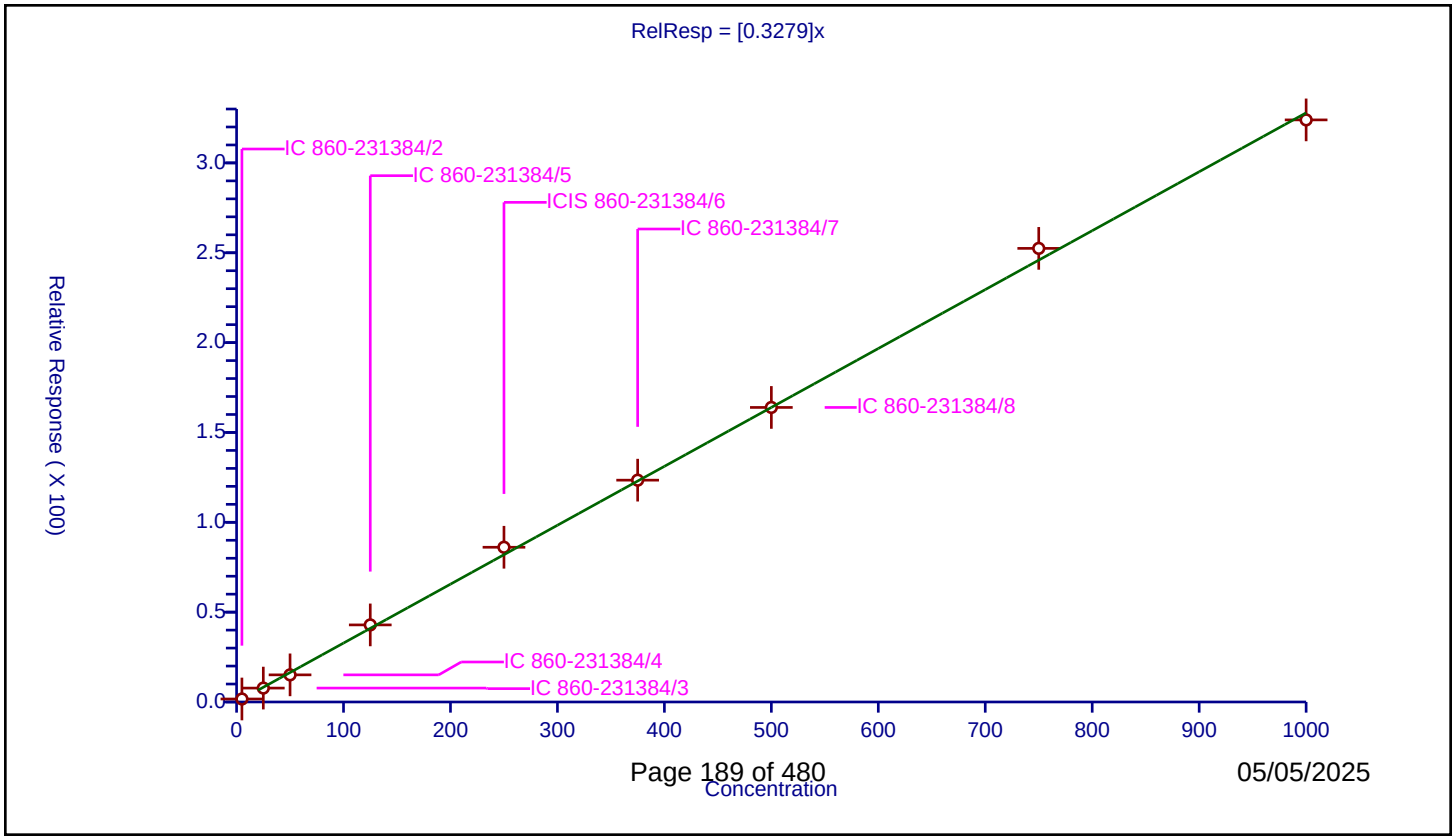
Curve Coefficients

Intercept:	0
Slope:	0.3279

Error Coefficients

Relative Standard Deviation:	4.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	5.0	1.6704	50.0	349557.0	0.33408	Y
2	IC 860-231384/3	25.0	7.739919	50.0	339771.0	0.309597	Y
3	IC 860-231384/4	50.0	15.09814	50.0	347768.0	0.301963	Y
4	IC 860-231384/5	125.0	42.891096	50.0	341227.0	0.343129	Y
5	ICIS 860-231384/6	250.0	86.105053	50.0	342495.0	0.34442	Y
6	IC 860-231384/7	375.0	123.45002	50.0	357682.0	0.3292	Y
7	IC 860-231384/8	500.0	163.923322	50.0	363753.0	0.327847	Y
8	IC 860-231384/9	750.0	252.436353	50.0	358425.0	0.336582	Y
9	IC 860-231384/10	1000.0	323.940323	50.0	369759.0	0.32394	Y



Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

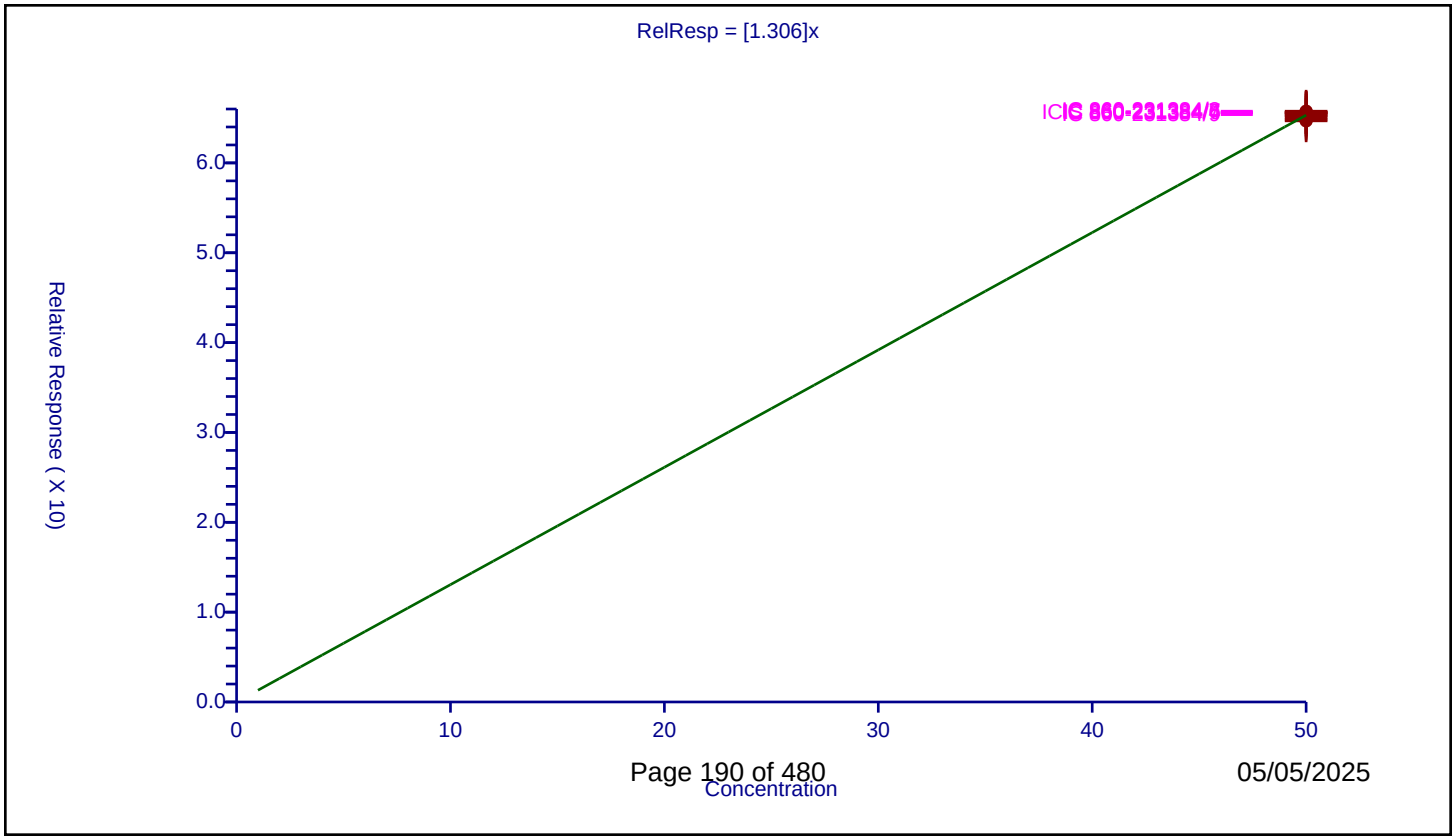
Curve Coefficients

Intercept:	0
Slope:	1.306

Error Coefficients

Relative Standard Deviation:	0.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	50.0	65.278257	50.0	312768.0	1.305565	Y
2	IC 860-231384/3	50.0	65.083033	50.0	308310.0	1.301661	Y
3	IC 860-231384/4	50.0	65.552852	50.0	312724.0	1.311057	Y
4	IC 860-231384/5	50.0	64.682427	50.0	312605.0	1.293649	Y
5	ICIS 860-231384/6	50.0	65.59598	50.0	316915.0	1.31192	Y
6	IC 860-231384/7	50.0	65.620202	50.0	331529.0	1.312404	Y
7	IC 860-231384/8	50.0	65.757261	50.0	334541.0	1.315145	Y
8	IC 860-231384/9	50.0	65.374587	50.0	332887.0	1.307492	Y
9	IC 860-231384/10	50.0	64.869803	50.0	341827.0	1.297396	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

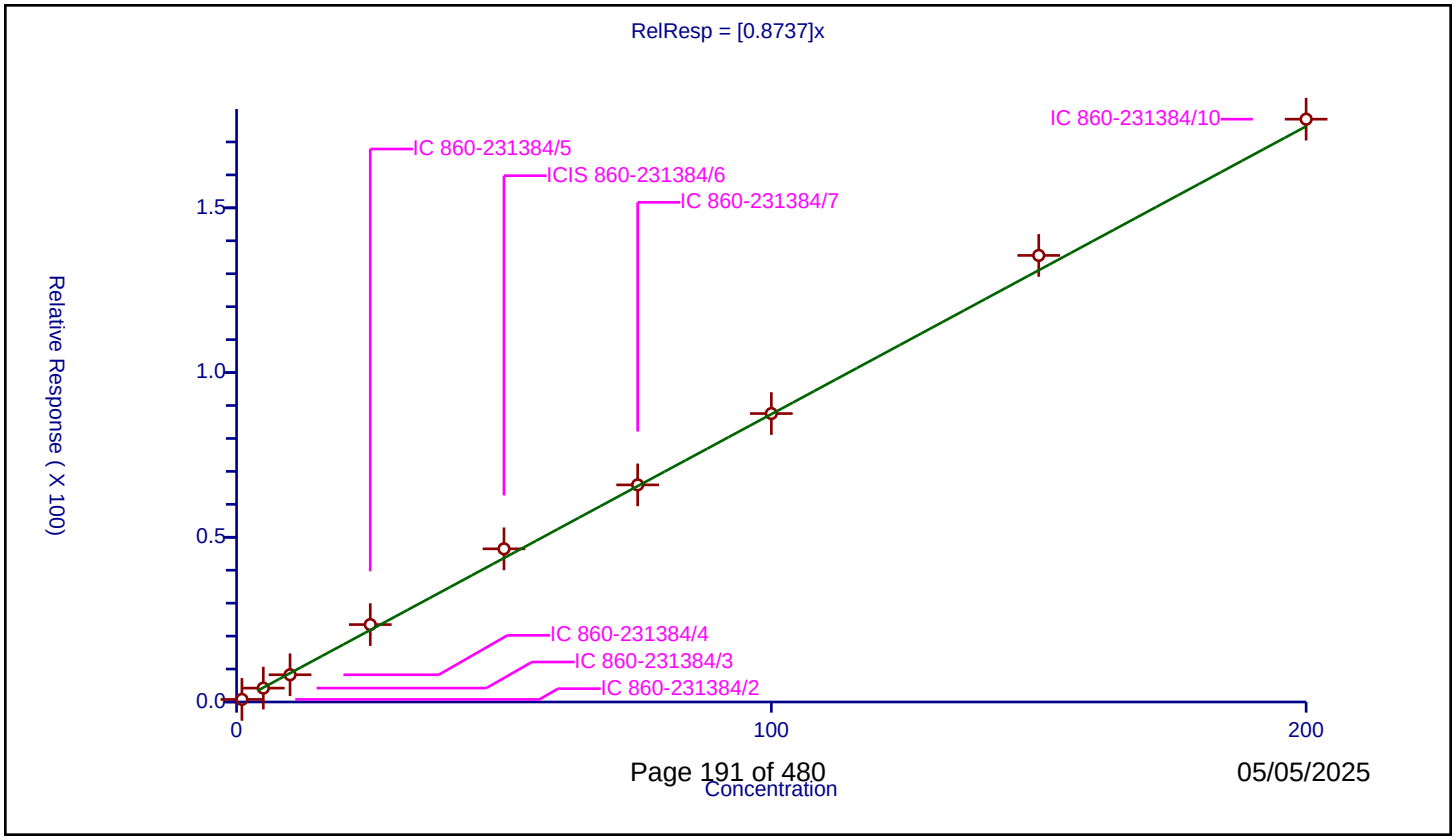
Curve Coefficients

Intercept:	0
Slope:	0.8737

Error Coefficients

Relative Standard Deviation:	5.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	0.78157	50.0	312768.0	0.78157	Y
2	IC 860-231384/3	5.0	4.211832	50.0	308310.0	0.842366	Y
3	IC 860-231384/4	10.0	8.27247	50.0	312724.0	0.827247	Y
4	IC 860-231384/5	25.0	23.497705	50.0	312605.0	0.939908	Y
5	ICIS 860-231384/6	50.0	46.495117	50.0	316915.0	0.929902	Y
6	IC 860-231384/7	75.0	65.907658	50.0	331529.0	0.878769	Y
7	IC 860-231384/8	100.0	87.557579	50.0	334541.0	0.875576	Y
8	IC 860-231384/9	150.0	135.557411	50.0	332887.0	0.903716	Y
9	IC 860-231384/10	200.0	176.915662	50.0	341827.0	0.884578	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

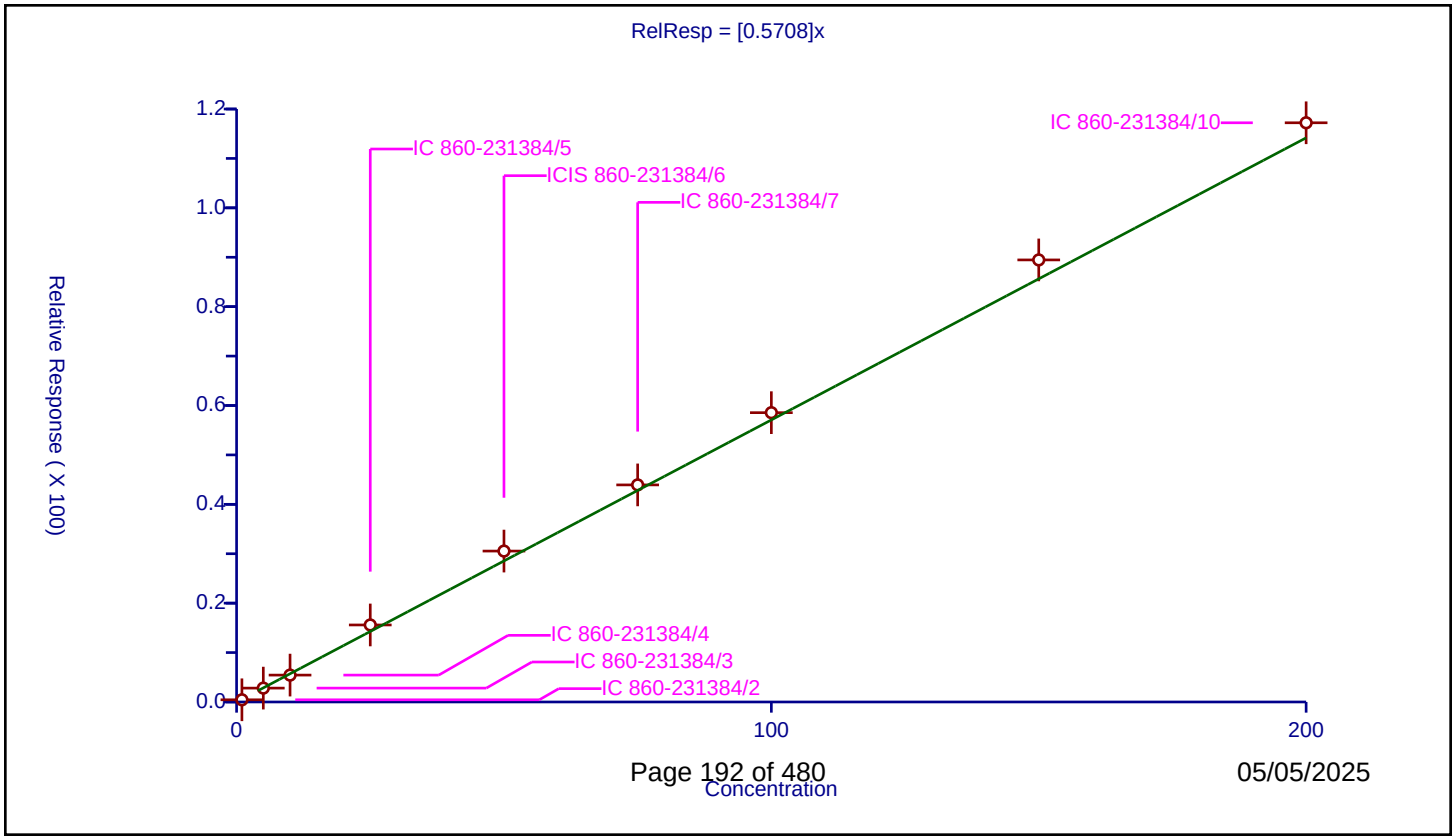
Curve Coefficients

Intercept:	0
Slope:	0.5708

Error Coefficients

Relative Standard Deviation:	9.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	0.44314	50.0	312768.0	0.44314	Y
2	IC 860-231384/3	5.0	2.810969	50.0	308310.0	0.562194	Y
3	IC 860-231384/4	10.0	5.44154	50.0	312724.0	0.544154	Y
4	IC 860-231384/5	25.0	15.587243	50.0	312605.0	0.62349	Y
5	ICIS 860-231384/6	50.0	30.54431	50.0	316915.0	0.610886	Y
6	IC 860-231384/7	75.0	43.931149	50.0	331529.0	0.585749	Y
7	IC 860-231384/8	100.0	58.550073	50.0	334541.0	0.585501	Y
8	IC 860-231384/9	150.0	89.460838	50.0	332887.0	0.596406	Y
9	IC 860-231384/10	200.0	117.213386	50.0	341827.0	0.586067	Y



Calibration / Ethyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

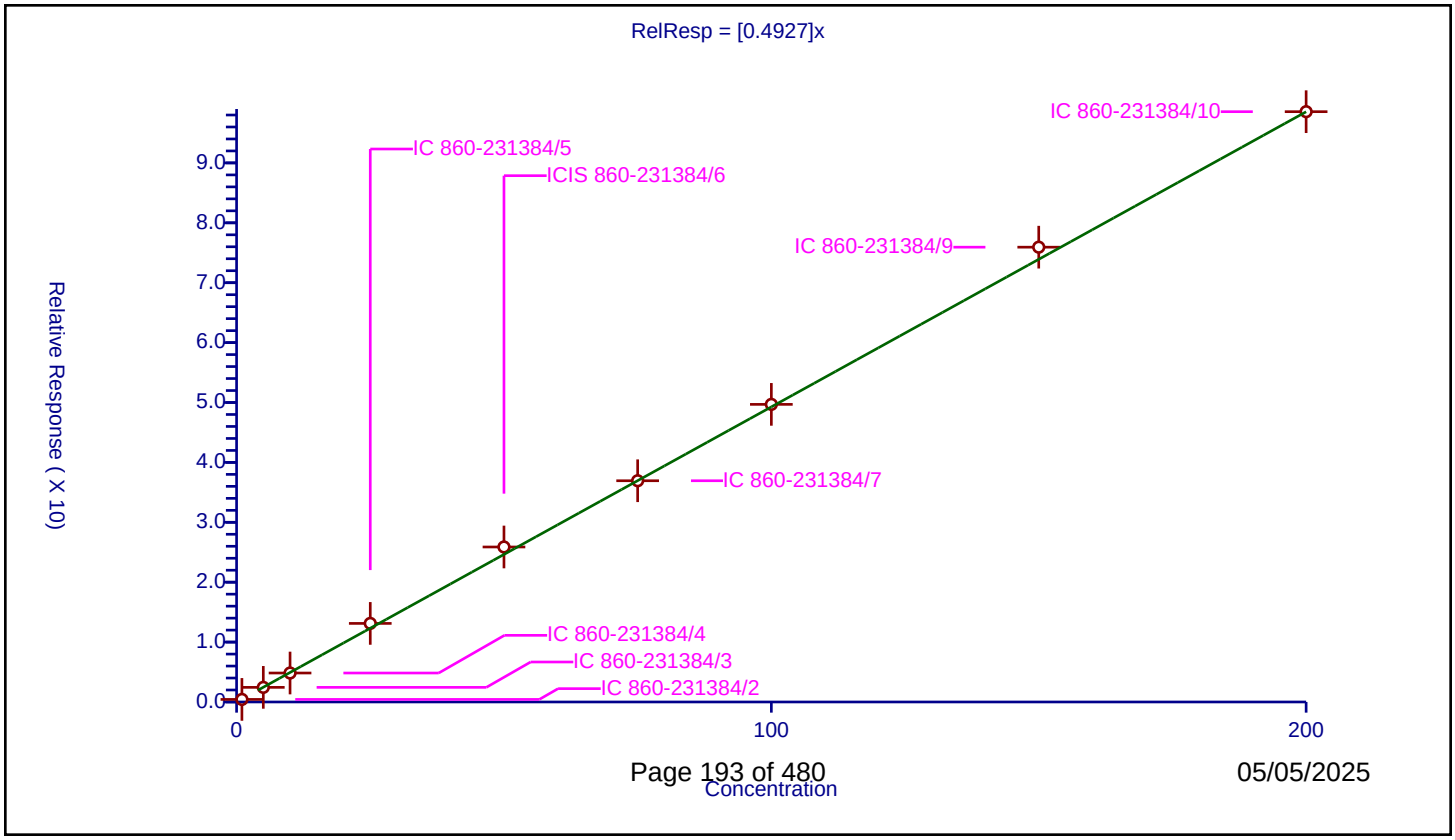
Curve Coefficients

Intercept:	0
Slope:	0.4927

Error Coefficients

Relative Standard Deviation:	5.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	0.43179	50.0	312768.0	0.43179	Y
2	IC 860-231384/3	5.0	2.439914	50.0	308310.0	0.487983	Y
3	IC 860-231384/4	10.0	4.836693	50.0	312724.0	0.483669	Y
4	IC 860-231384/5	25.0	13.120072	50.0	312605.0	0.524803	Y
5	ICIS 860-231384/6	50.0	25.879495	50.0	316915.0	0.51759	Y
6	IC 860-231384/7	75.0	36.938247	50.0	331529.0	0.49251	Y
7	IC 860-231384/8	100.0	49.690023	50.0	334541.0	0.4969	Y
8	IC 860-231384/9	150.0	75.935077	50.0	332887.0	0.506234	Y
9	IC 860-231384/10	200.0	98.555117	50.0	341827.0	0.492776	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

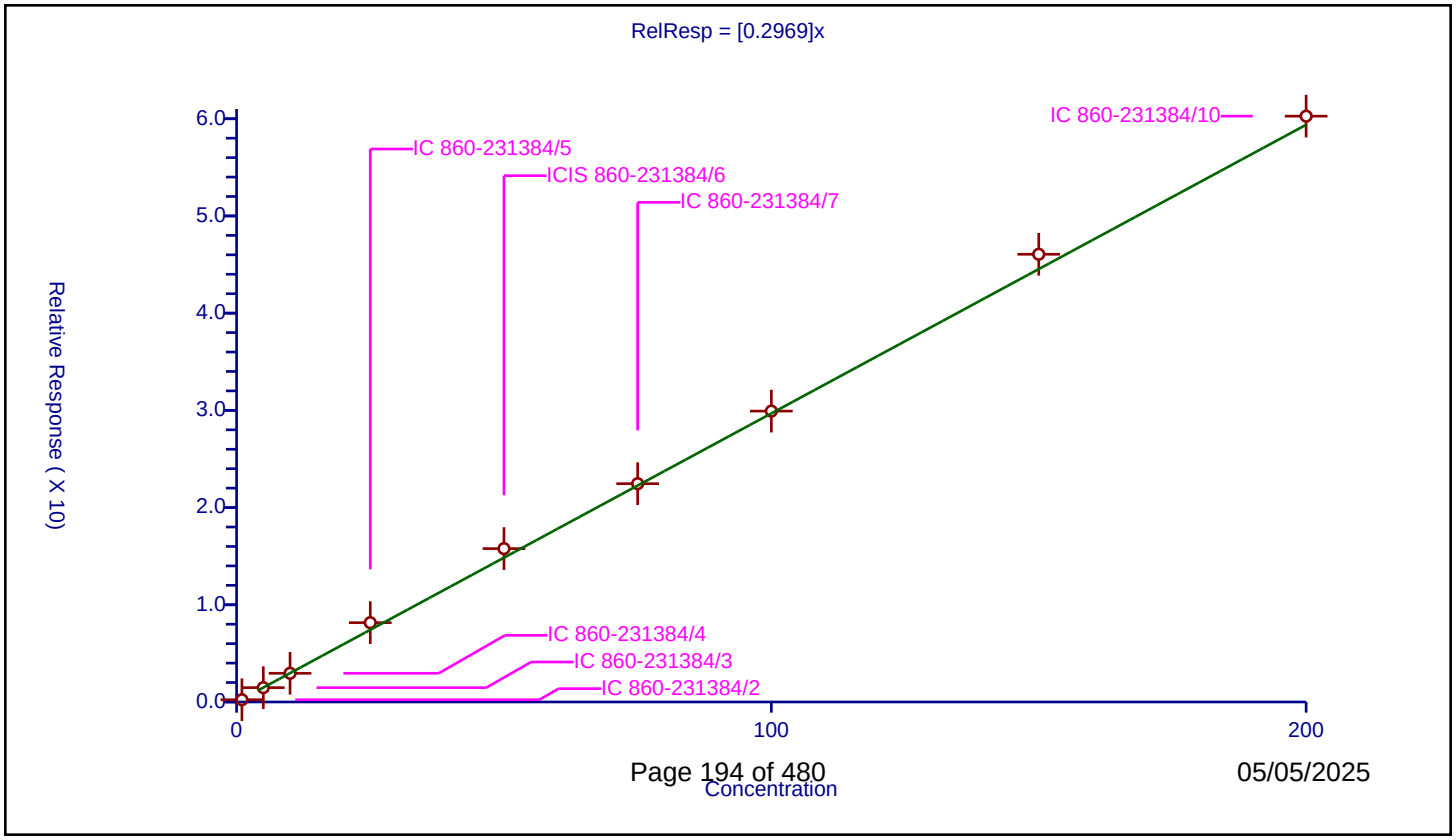
Curve Coefficients

Intercept:	0
Slope:	0.2969

Error Coefficients

Relative Standard Deviation:	8.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	0.23276	50.0	312768.0	0.23276	Y
2	IC 860-231384/3	5.0	1.475139	50.0	308310.0	0.295028	Y
3	IC 860-231384/4	10.0	2.952124	50.0	312724.0	0.295212	Y
4	IC 860-231384/5	25.0	8.159338	50.0	312605.0	0.326374	Y
5	ICIS 860-231384/6	50.0	15.778679	50.0	316915.0	0.315574	Y
6	IC 860-231384/7	75.0	22.45701	50.0	331529.0	0.299427	Y
7	IC 860-231384/8	100.0	29.923238	50.0	334541.0	0.299232	Y
8	IC 860-231384/9	150.0	46.058723	50.0	332887.0	0.307058	Y
9	IC 860-231384/10	200.0	60.264549	50.0	341827.0	0.301323	Y



Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

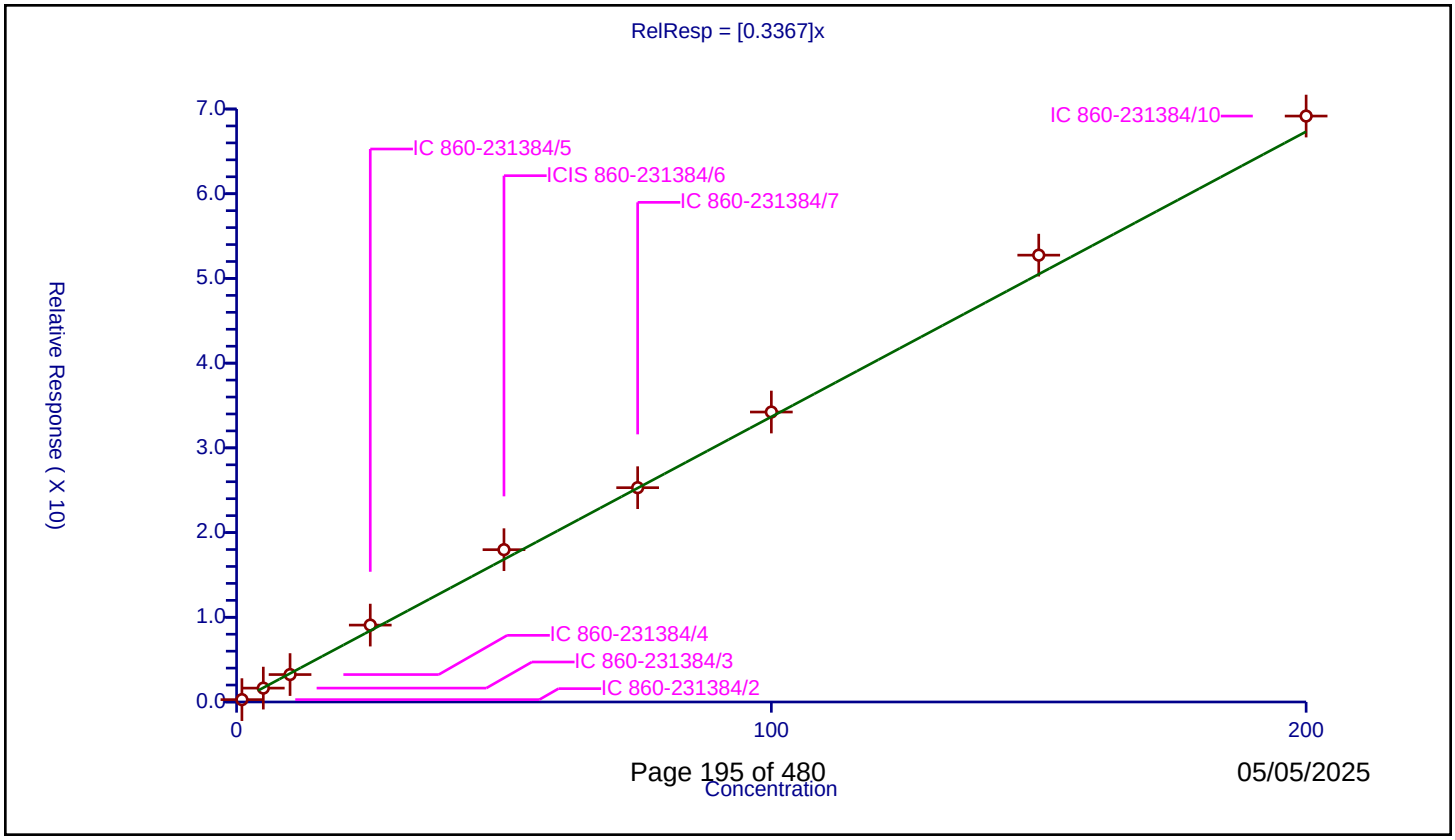
Curve Coefficients

Intercept:	0
Slope:	0.3367

Error Coefficients

Relative Standard Deviation:	7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	0.278641	50.0	312768.0	0.278641	Y
2	IC 860-231384/3	5.0	1.638773	50.0	308310.0	0.327755	Y
3	IC 860-231384/4	10.0	3.238639	50.0	312724.0	0.323864	Y
4	IC 860-231384/5	25.0	9.07807	50.0	312605.0	0.363123	Y
5	ICIS 860-231384/6	50.0	17.978322	50.0	316915.0	0.359566	Y
6	IC 860-231384/7	75.0	25.297787	50.0	331529.0	0.337304	Y
7	IC 860-231384/8	100.0	34.228092	50.0	334541.0	0.342281	Y
8	IC 860-231384/9	150.0	52.750032	50.0	332887.0	0.351667	Y
9	IC 860-231384/10	200.0	69.170224	50.0	341827.0	0.345851	Y



Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

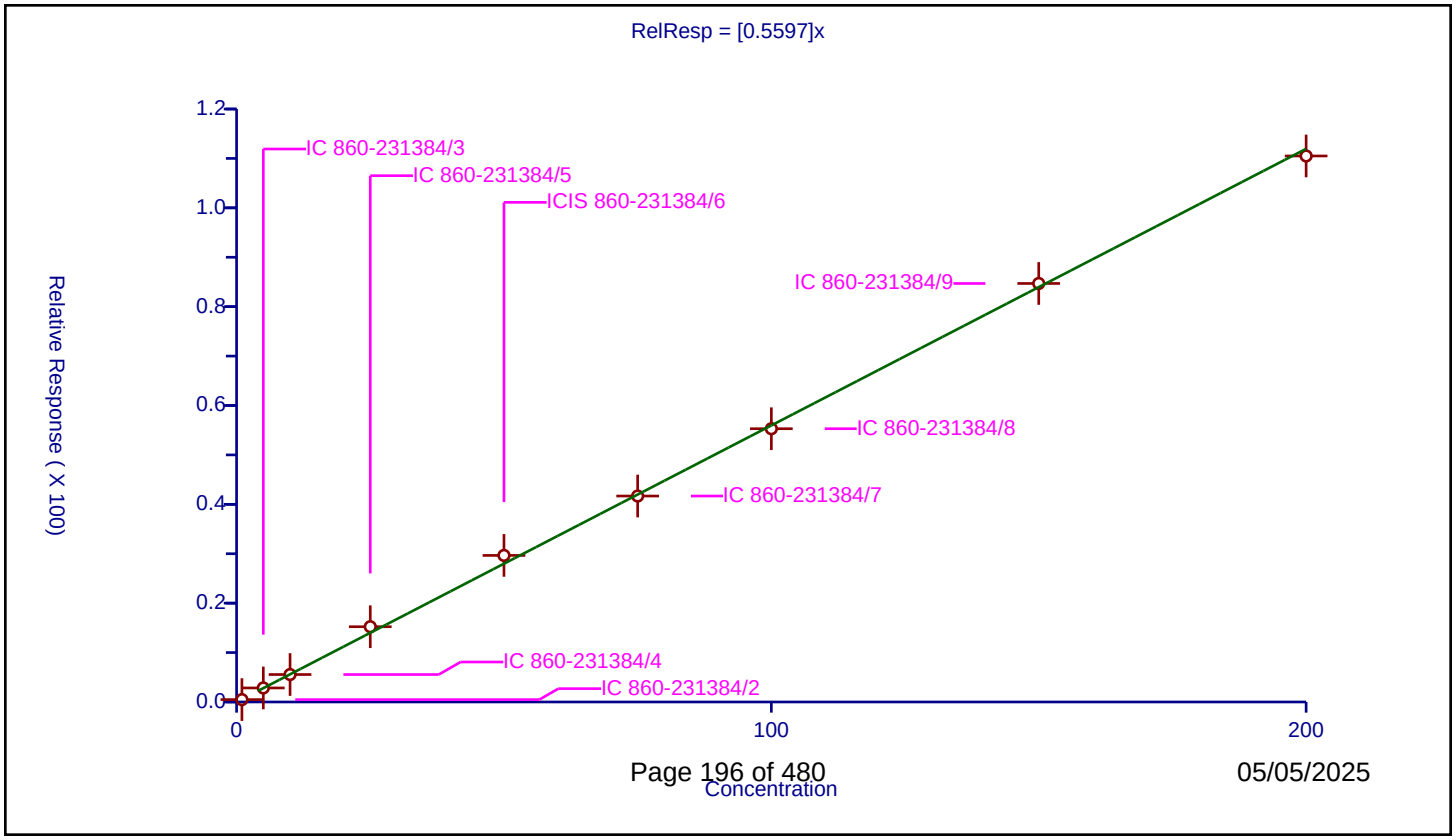
Curve Coefficients

Intercept:	0
Slope:	0.5597

Error Coefficients

Relative Standard Deviation:	6.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	0.485344	50.0	312768.0	0.485344	Y
2	IC 860-231384/3	5.0	2.838863	50.0	308310.0	0.567773	Y
3	IC 860-231384/4	10.0	5.557137	50.0	312724.0	0.555714	Y
4	IC 860-231384/5	25.0	15.232482	50.0	312605.0	0.609299	Y
5	ICIS 860-231384/6	50.0	29.663948	50.0	316915.0	0.593279	Y
6	IC 860-231384/7	75.0	41.6775	50.0	331529.0	0.5557	Y
7	IC 860-231384/8	100.0	55.298902	50.0	334541.0	0.552989	Y
8	IC 860-231384/9	150.0	84.693605	50.0	332887.0	0.564624	Y
9	IC 860-231384/10	200.0	110.498439	50.0	341827.0	0.552492	Y



Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

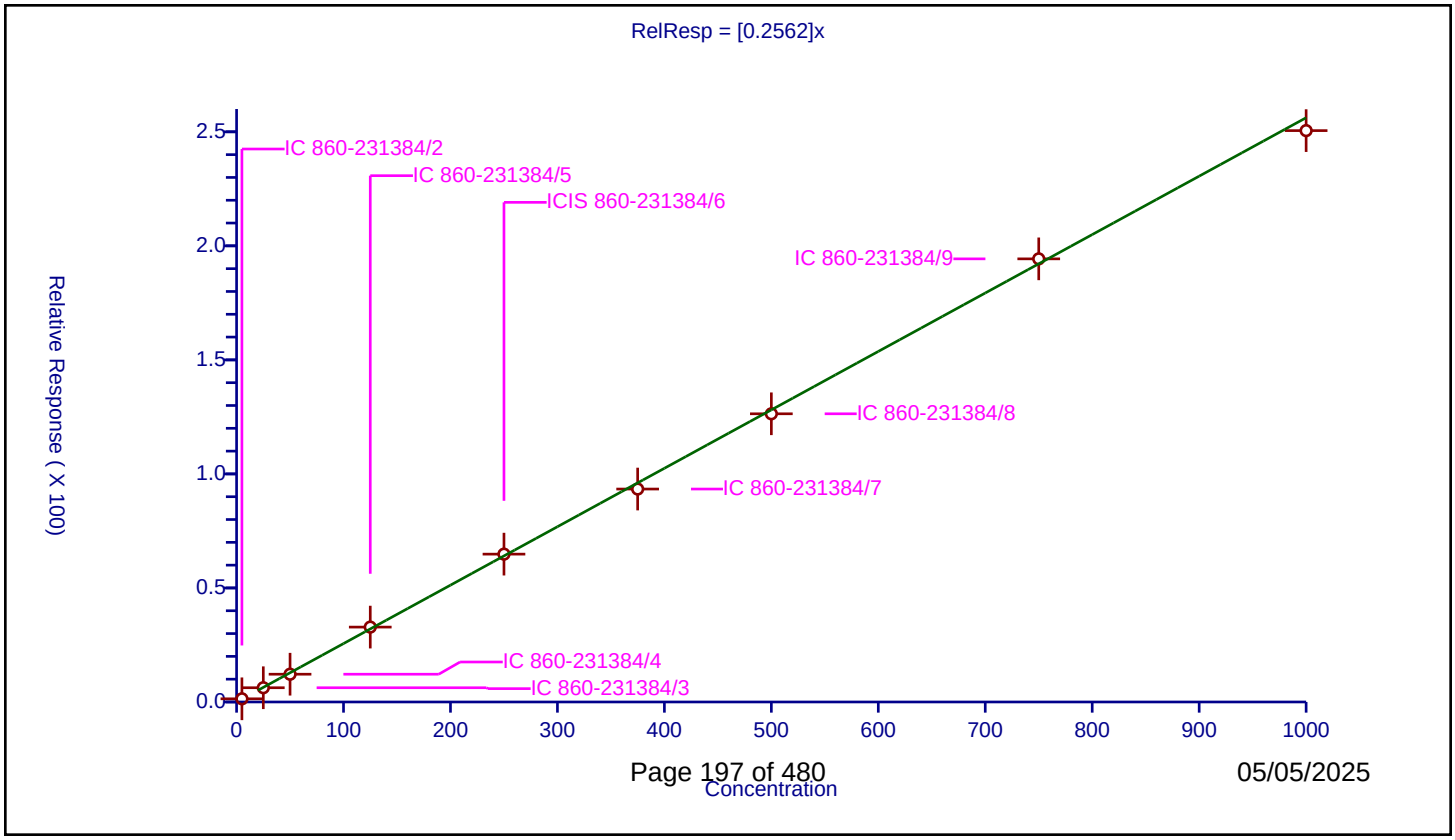
Curve Coefficients

Intercept:	0
Slope:	0.2562

Error Coefficients

Relative Standard Deviation:	4.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	5.0	1.393525	50.0	312768.0	0.278705	Y
2	IC 860-231384/3	25.0	6.250365	50.0	308310.0	0.250015	Y
3	IC 860-231384/4	50.0	12.174633	50.0	312724.0	0.243493	Y
4	IC 860-231384/5	125.0	32.840805	50.0	312605.0	0.262726	Y
5	ICIS 860-231384/6	250.0	64.823691	50.0	316915.0	0.259295	Y
6	IC 860-231384/7	375.0	93.372073	50.0	331529.0	0.248992	Y
7	IC 860-231384/8	500.0	126.371954	50.0	334541.0	0.252744	Y
8	IC 860-231384/9	750.0	194.295512	50.0	332887.0	0.259061	Y
9	IC 860-231384/10	1000.0	250.528484	50.0	341827.0	0.250528	Y



Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

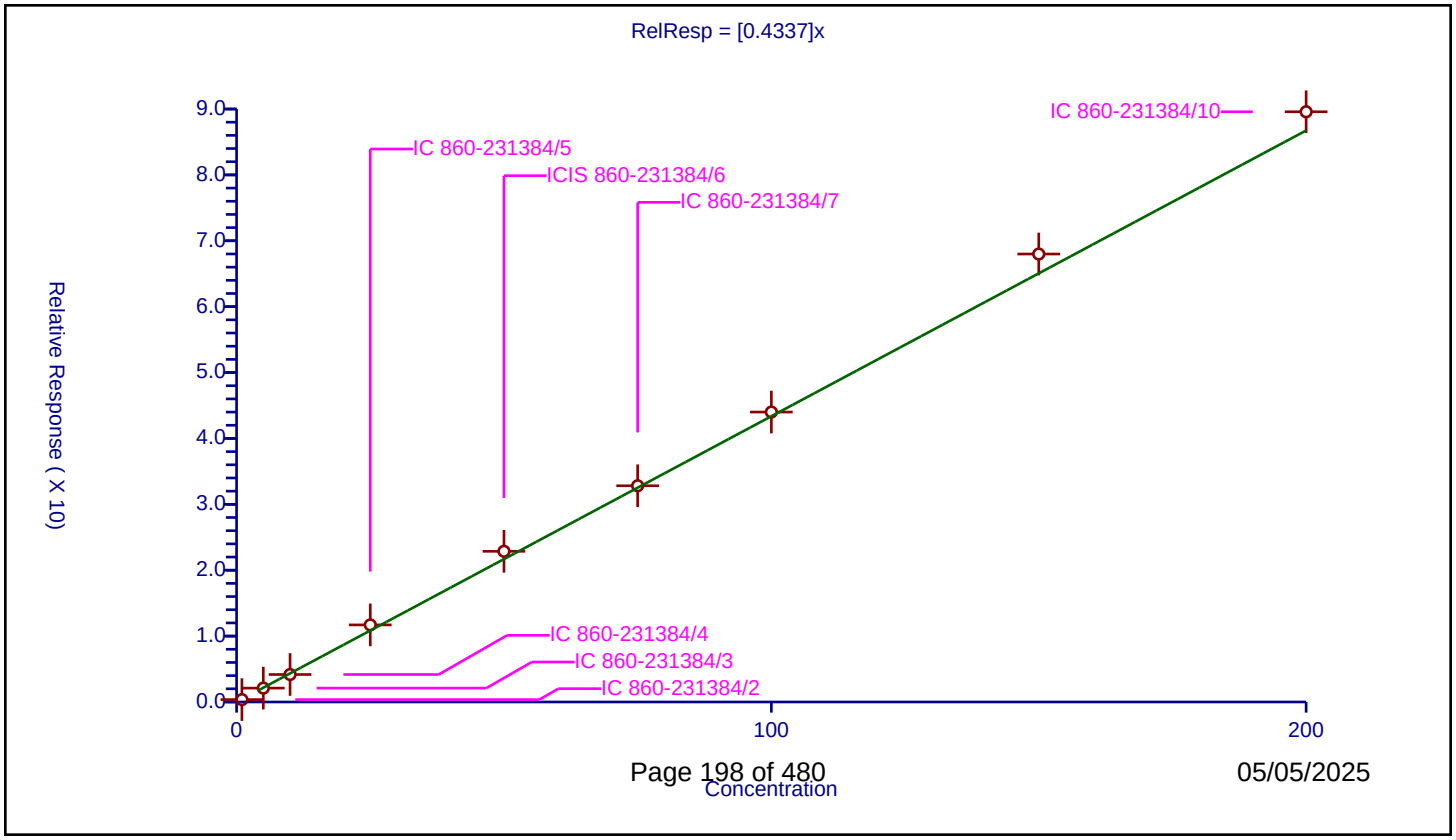
Curve Coefficients

Intercept:	0
Slope:	0.4337

Error Coefficients

Relative Standard Deviation:	7.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	0.360491	50.0	312768.0	0.360491	Y
2	IC 860-231384/3	5.0	2.107943	50.0	308310.0	0.421589	Y
3	IC 860-231384/4	10.0	4.169971	50.0	312724.0	0.416997	Y
4	IC 860-231384/5	25.0	11.697989	50.0	312605.0	0.46792	Y
5	ICIS 860-231384/6	50.0	22.869539	50.0	316915.0	0.457391	Y
6	IC 860-231384/7	75.0	32.817491	50.0	331529.0	0.437567	Y
7	IC 860-231384/8	100.0	44.005518	50.0	334541.0	0.440055	Y
8	IC 860-231384/9	150.0	67.989588	50.0	332887.0	0.453264	Y
9	IC 860-231384/10	200.0	89.584059	50.0	341827.0	0.44792	Y



Calibration / n-Butyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

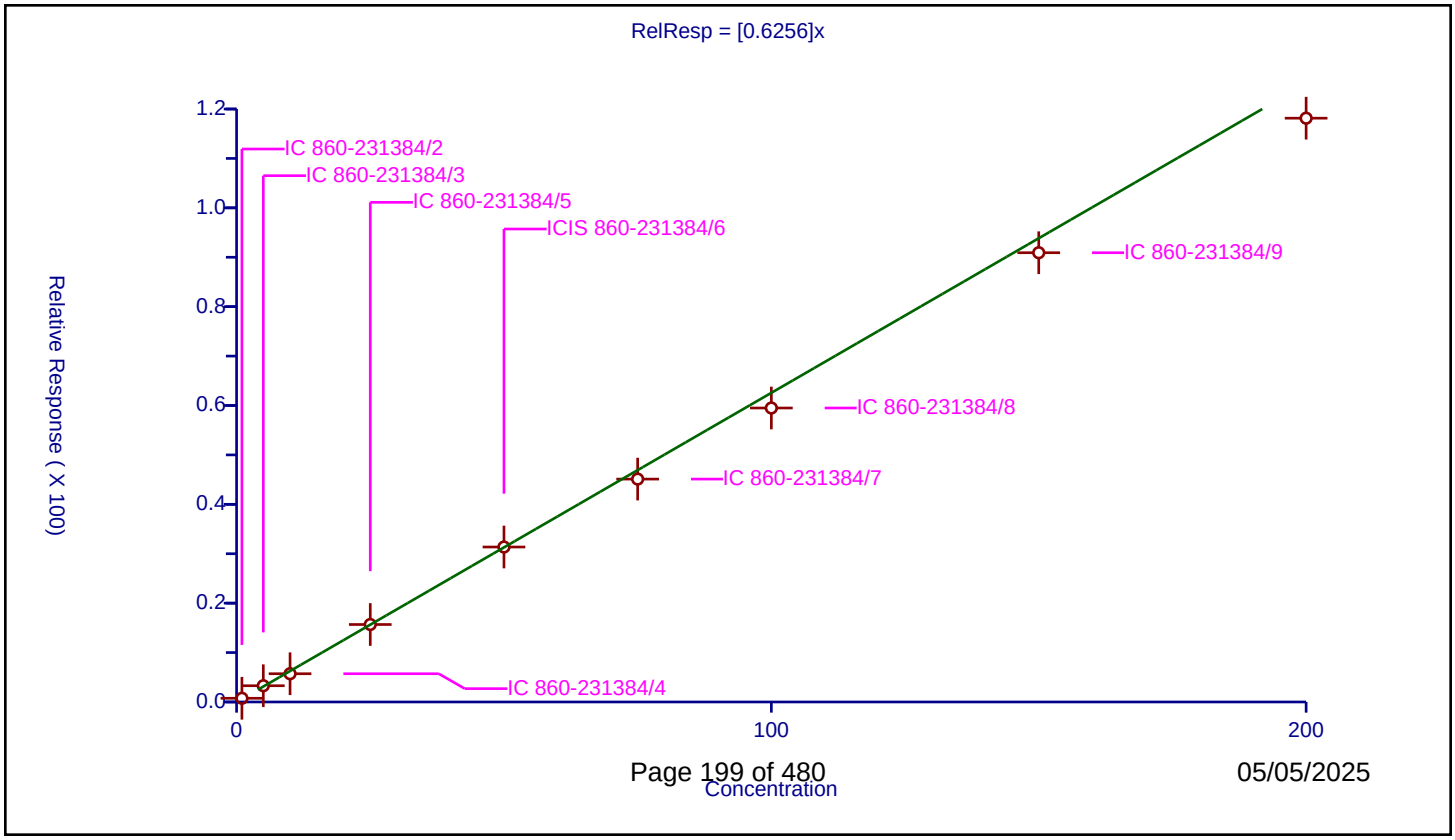
Curve Coefficients

Intercept:	0
Slope:	0.6256

Error Coefficients

Relative Standard Deviation:	8.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	0.753594	50.0	312768.0	0.753594	Y
2	IC 860-231384/3	5.0	3.289546	50.0	308310.0	0.657909	Y
3	IC 860-231384/4	10.0	5.715103	50.0	312724.0	0.57151	Y
4	IC 860-231384/5	25.0	15.679852	50.0	312605.0	0.627194	Y
5	ICIS 860-231384/6	50.0	31.362984	50.0	316915.0	0.62726	Y
6	IC 860-231384/7	75.0	45.108271	50.0	331529.0	0.601444	Y
7	IC 860-231384/8	100.0	59.493007	50.0	334541.0	0.59493	Y
8	IC 860-231384/9	150.0	90.917789	50.0	332887.0	0.606119	Y
9	IC 860-231384/10	200.0	118.145729	50.0	341827.0	0.590729	Y



Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

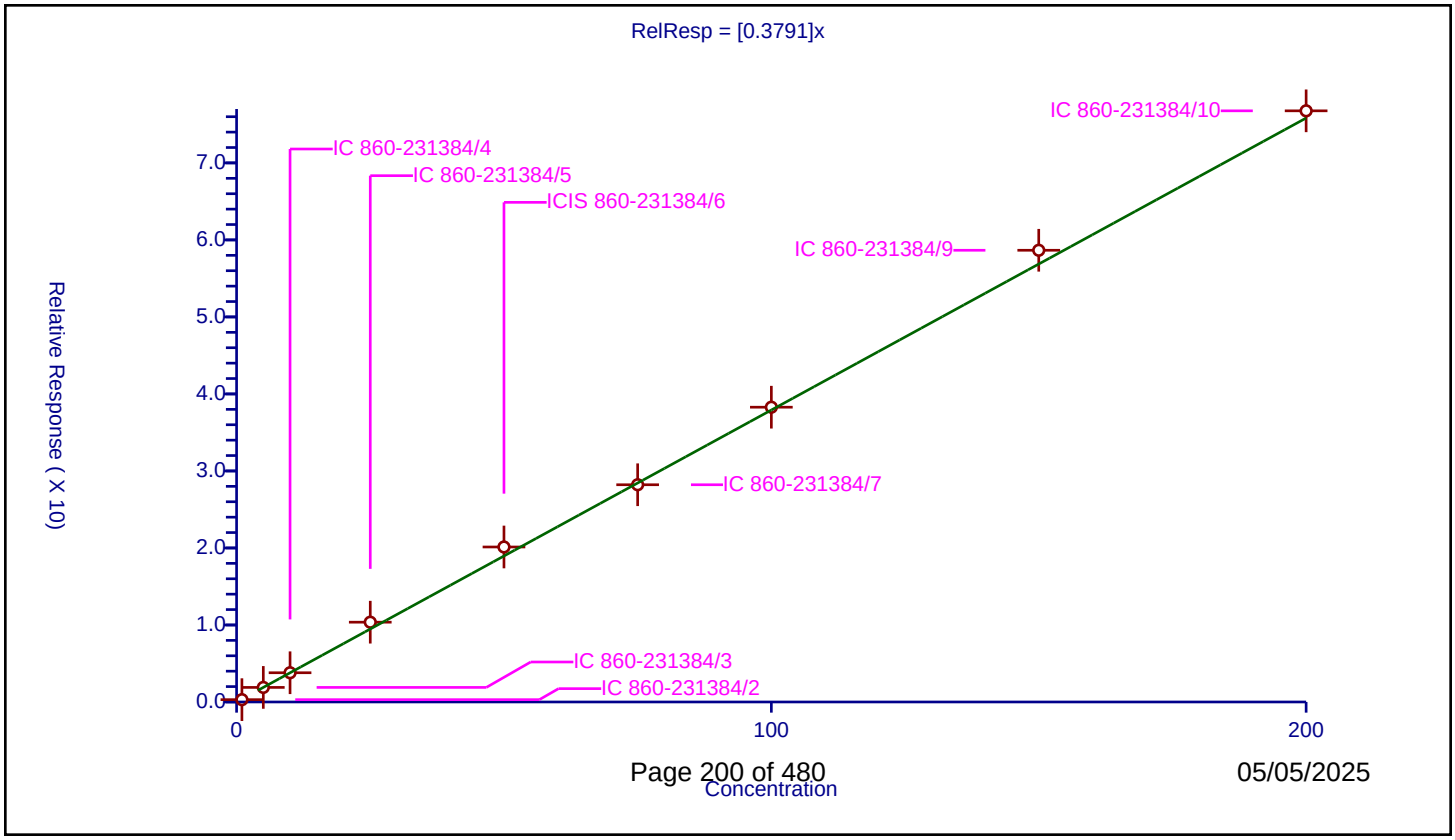
Curve Coefficients

Intercept:	0
Slope:	0.3791

Error Coefficients

Relative Standard Deviation:	8.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	0.3031	50.0	312768.0	0.3031	Y
2	IC 860-231384/3	5.0	1.892738	50.0	308310.0	0.378548	Y
3	IC 860-231384/4	10.0	3.796319	50.0	312724.0	0.379632	Y
4	IC 860-231384/5	25.0	10.363718	50.0	312605.0	0.414549	Y
5	ICIS 860-231384/6	50.0	20.126848	50.0	316915.0	0.402537	Y
6	IC 860-231384/7	75.0	28.20809	50.0	331529.0	0.376108	Y
7	IC 860-231384/8	100.0	38.279762	50.0	334541.0	0.382798	Y
8	IC 860-231384/9	150.0	58.659245	50.0	332887.0	0.391062	Y
9	IC 860-231384/10	200.0	76.763392	50.0	341827.0	0.383817	Y



Calibration / 1-Chlorohexane

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

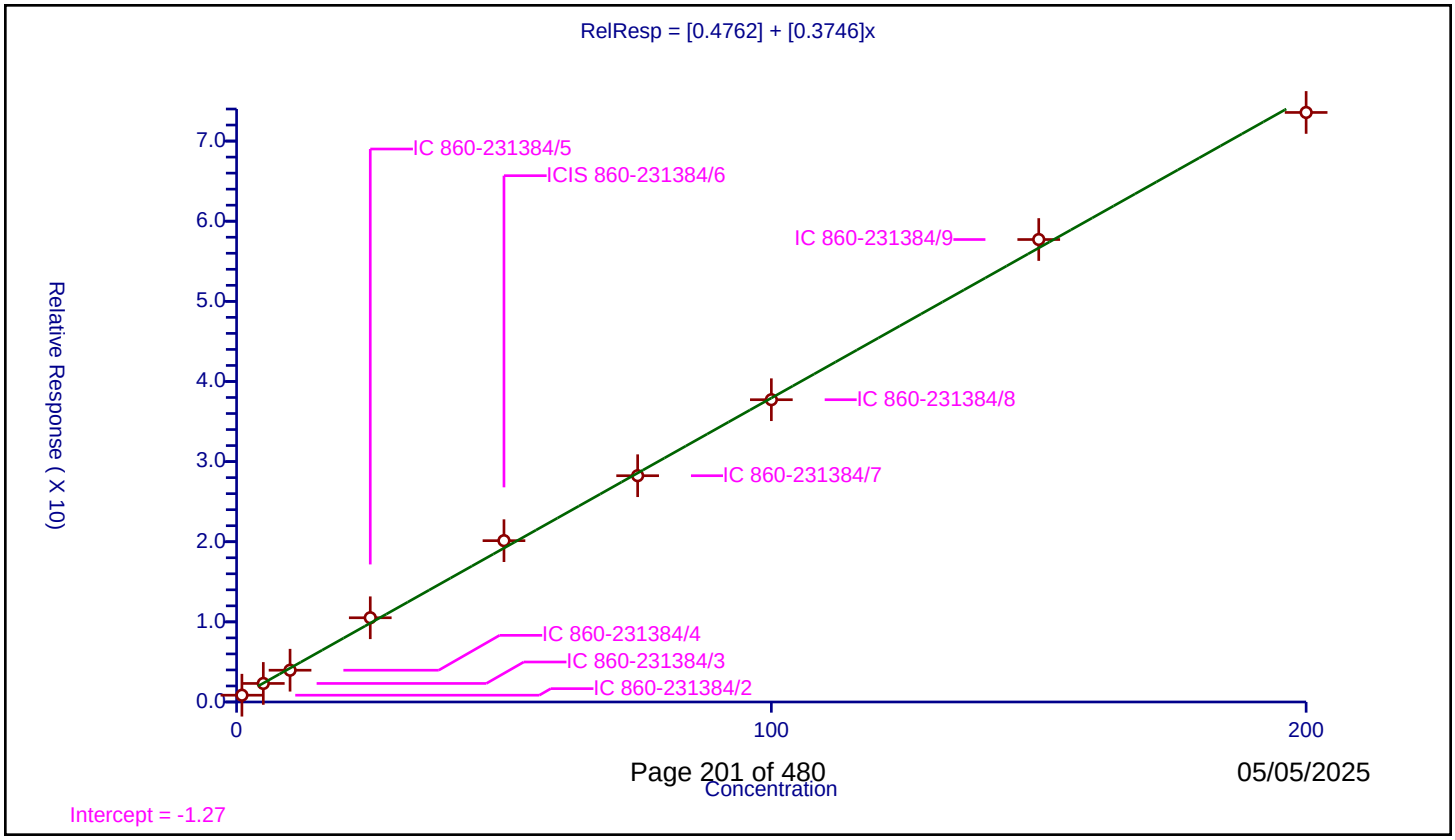
Curve Coefficients

Intercept:	0.4762
Slope:	0.3746

Error Coefficients

Relative Standard Deviation:	4.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	0.846474	50.0	312768.0	0.846474	Y
2	IC 860-231384/3	5.0	2.314067	50.0	308310.0	0.462813	Y
3	IC 860-231384/4	10.0	3.966757	50.0	312724.0	0.396676	Y
4	IC 860-231384/5	25.0	10.511028	50.0	312605.0	0.420441	Y
5	ICIS 860-231384/6	50.0	20.133001	50.0	316915.0	0.40266	Y
6	IC 860-231384/7	75.0	28.23946	50.0	331529.0	0.376526	Y
7	IC 860-231384/8	100.0	37.722282	50.0	334541.0	0.377223	Y
8	IC 860-231384/9	150.0	57.714329	50.0	332887.0	0.384762	Y
9	IC 860-231384/10	200.0	73.570256	50.0	341827.0	0.367851	Y



Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

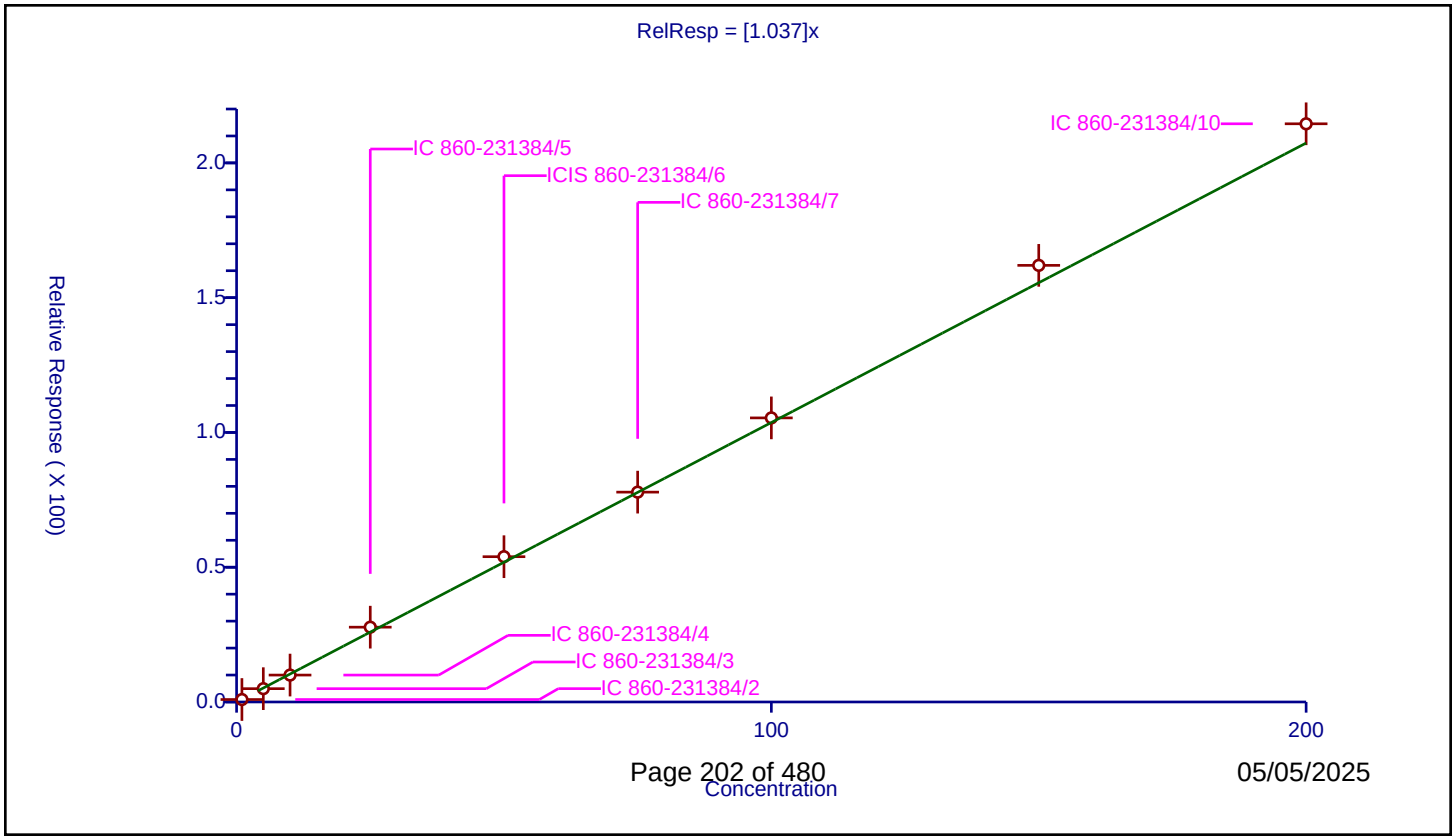
Curve Coefficients

Intercept:	0
Slope:	1.037

Error Coefficients

Relative Standard Deviation:	5.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	0.913137	50.0	312768.0	0.913137	Y
2	IC 860-231384/3	5.0	4.938374	50.0	308310.0	0.987675	Y
3	IC 860-231384/4	10.0	9.983884	50.0	312724.0	0.998388	Y
4	IC 860-231384/5	25.0	27.751635	50.0	312605.0	1.110065	Y
5	ICIS 860-231384/6	50.0	53.910039	50.0	316915.0	1.078201	Y
6	IC 860-231384/7	75.0	77.854577	50.0	331529.0	1.038061	Y
7	IC 860-231384/8	100.0	105.401431	50.0	334541.0	1.054014	Y
8	IC 860-231384/9	150.0	161.993259	50.0	332887.0	1.079955	Y
9	IC 860-231384/10	200.0	214.513921	50.0	341827.0	1.07257	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

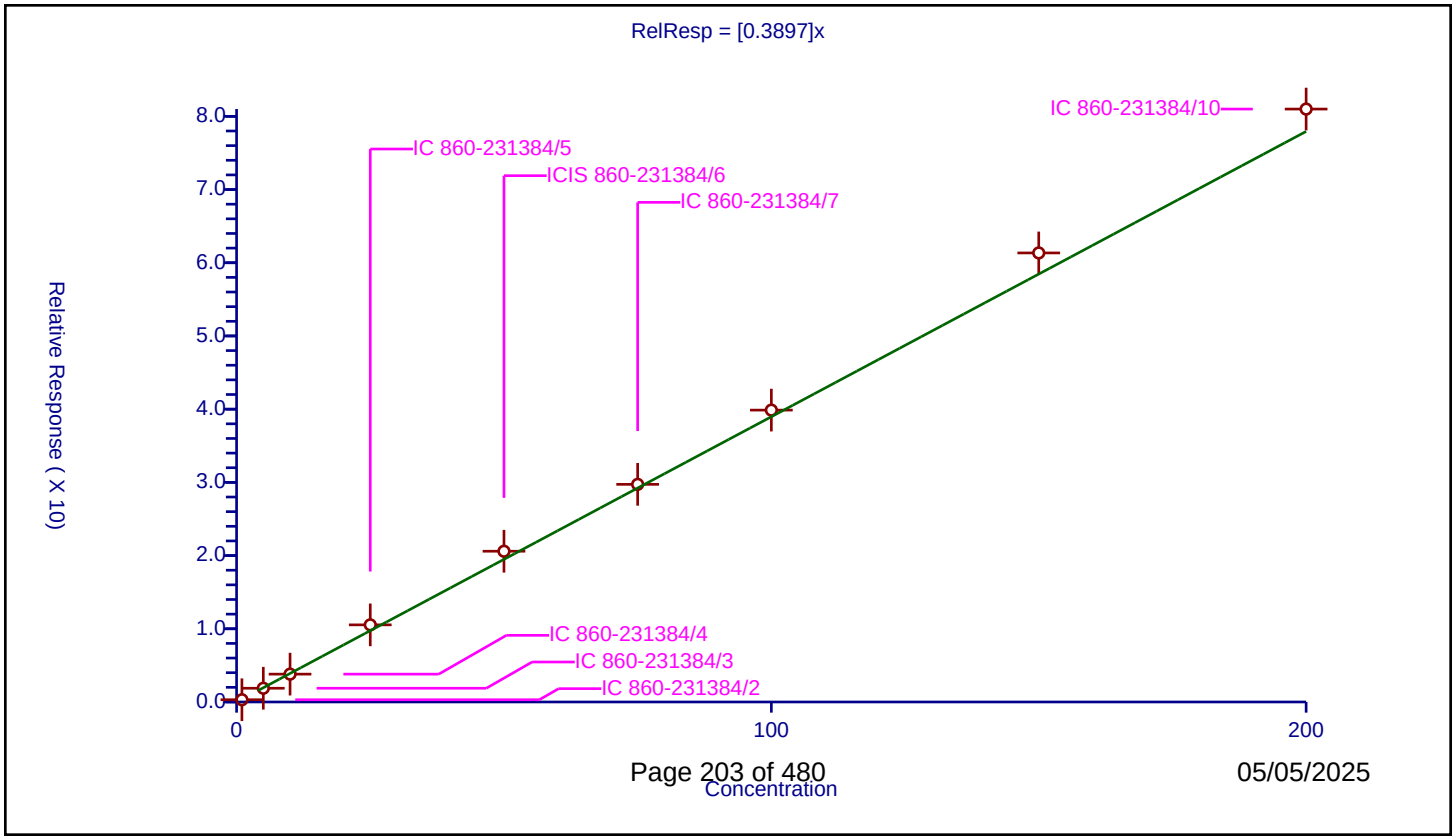
Curve Coefficients

Intercept:	0
Slope:	0.3897

Error Coefficients

Relative Standard Deviation:	8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	0.308535	50.0	312768.0	0.308535	Y
2	IC 860-231384/3	5.0	1.87944	50.0	308310.0	0.375888	Y
3	IC 860-231384/4	10.0	3.805272	50.0	312724.0	0.380527	Y
4	IC 860-231384/5	25.0	10.53518	50.0	312605.0	0.421407	Y
5	ICIS 860-231384/6	50.0	20.591957	50.0	316915.0	0.411839	Y
6	IC 860-231384/7	75.0	29.728621	50.0	331529.0	0.396382	Y
7	IC 860-231384/8	100.0	39.870599	50.0	334541.0	0.398706	Y
8	IC 860-231384/9	150.0	61.340785	50.0	332887.0	0.408939	Y
9	IC 860-231384/10	200.0	80.991554	50.0	341827.0	0.404958	Y



Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

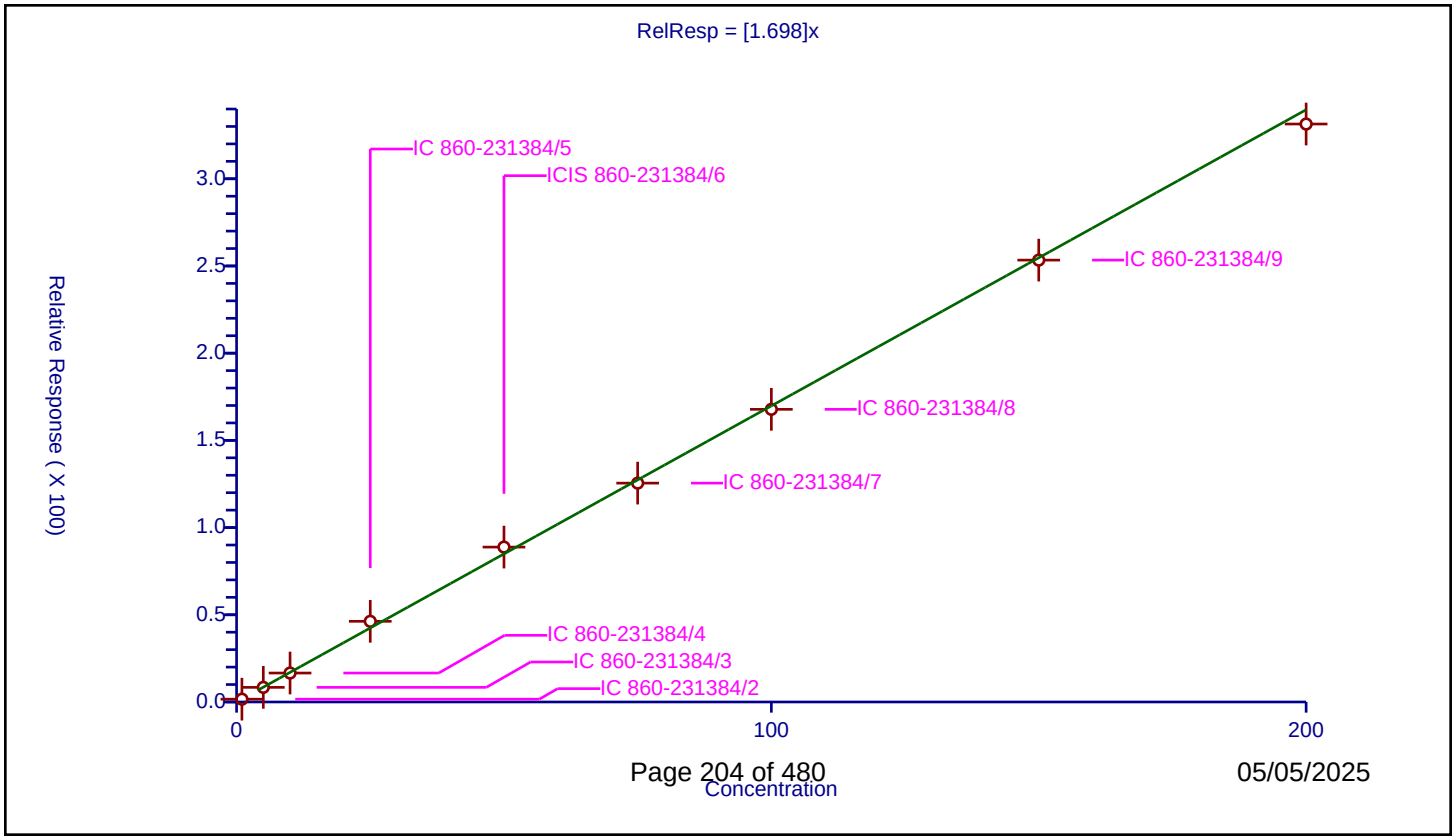
Curve Coefficients

Intercept:	0
Slope:	1.698

Error Coefficients

Relative Standard Deviation:	4.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	1.620211	50.0	312768.0	1.620211	Y
2	IC 860-231384/3	5.0	8.384905	50.0	308310.0	1.676981	Y
3	IC 860-231384/4	10.0	16.597383	50.0	312724.0	1.659738	Y
4	IC 860-231384/5	25.0	46.260297	50.0	312605.0	1.850412	Y
5	ICIS 860-231384/6	50.0	88.815297	50.0	316915.0	1.776306	Y
6	IC 860-231384/7	75.0	125.493396	50.0	331529.0	1.673245	Y
7	IC 860-231384/8	100.0	167.808281	50.0	334541.0	1.678083	Y
8	IC 860-231384/9	150.0	253.366307	50.0	332887.0	1.689109	Y
9	IC 860-231384/10	200.0	331.398485	50.0	341827.0	1.656992	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

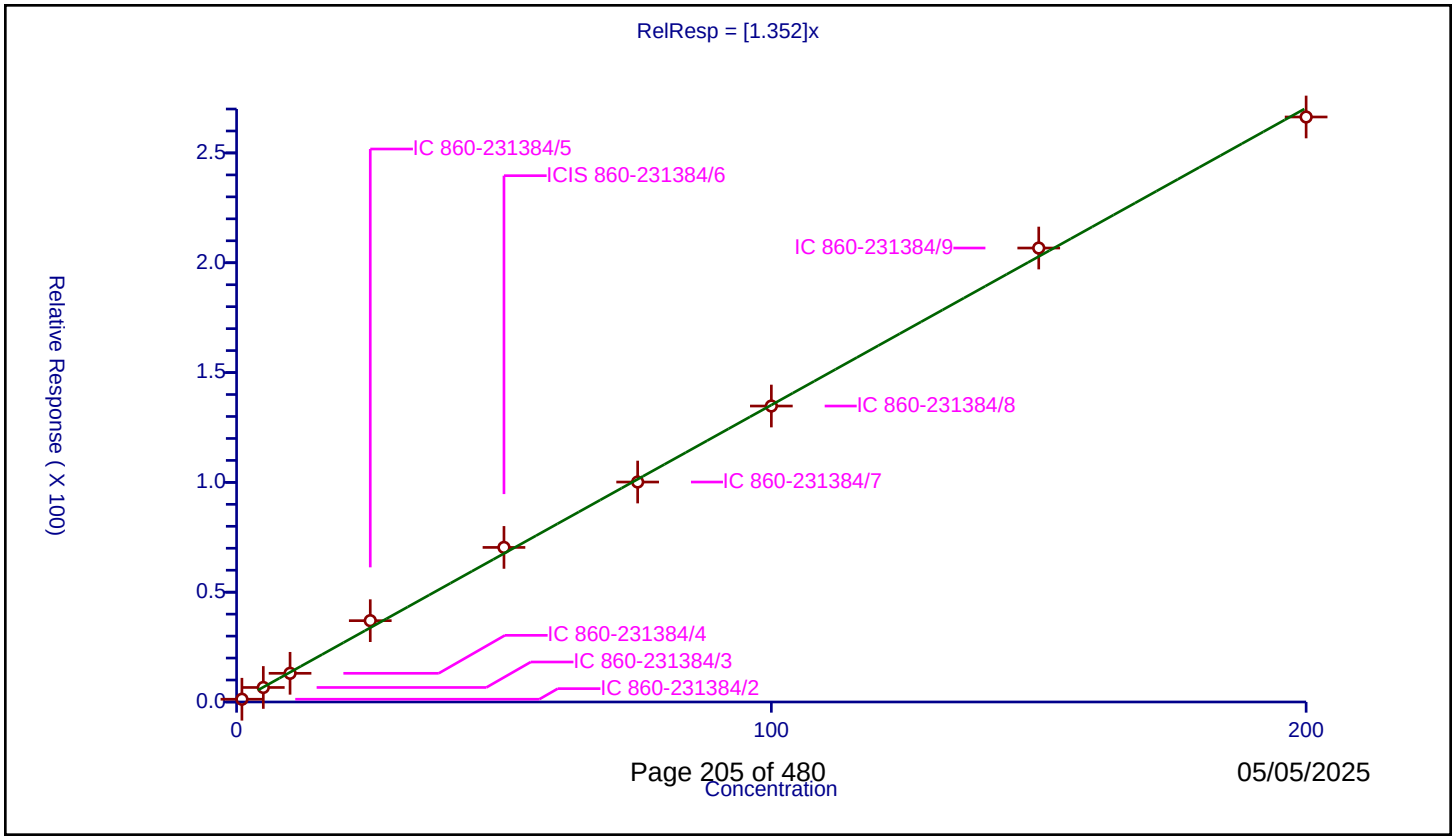
Curve Coefficients

Intercept:	0
Slope:	1.352

Error Coefficients

Relative Standard Deviation:	4.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	1.25956	50.0	312768.0	1.25956	Y
2	IC 860-231384/3	5.0	6.613798	50.0	308310.0	1.32276	Y
3	IC 860-231384/4	10.0	13.062637	50.0	312724.0	1.306264	Y
4	IC 860-231384/5	25.0	37.029318	50.0	312605.0	1.481173	Y
5	ICIS 860-231384/6	50.0	70.38575	50.0	316915.0	1.407715	Y
6	IC 860-231384/7	75.0	100.158659	50.0	331529.0	1.335449	Y
7	IC 860-231384/8	100.0	134.759716	50.0	334541.0	1.347597	Y
8	IC 860-231384/9	150.0	206.69897	50.0	332887.0	1.377993	Y
9	IC 860-231384/10	200.0	266.367636	50.0	341827.0	1.331838	Y



Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

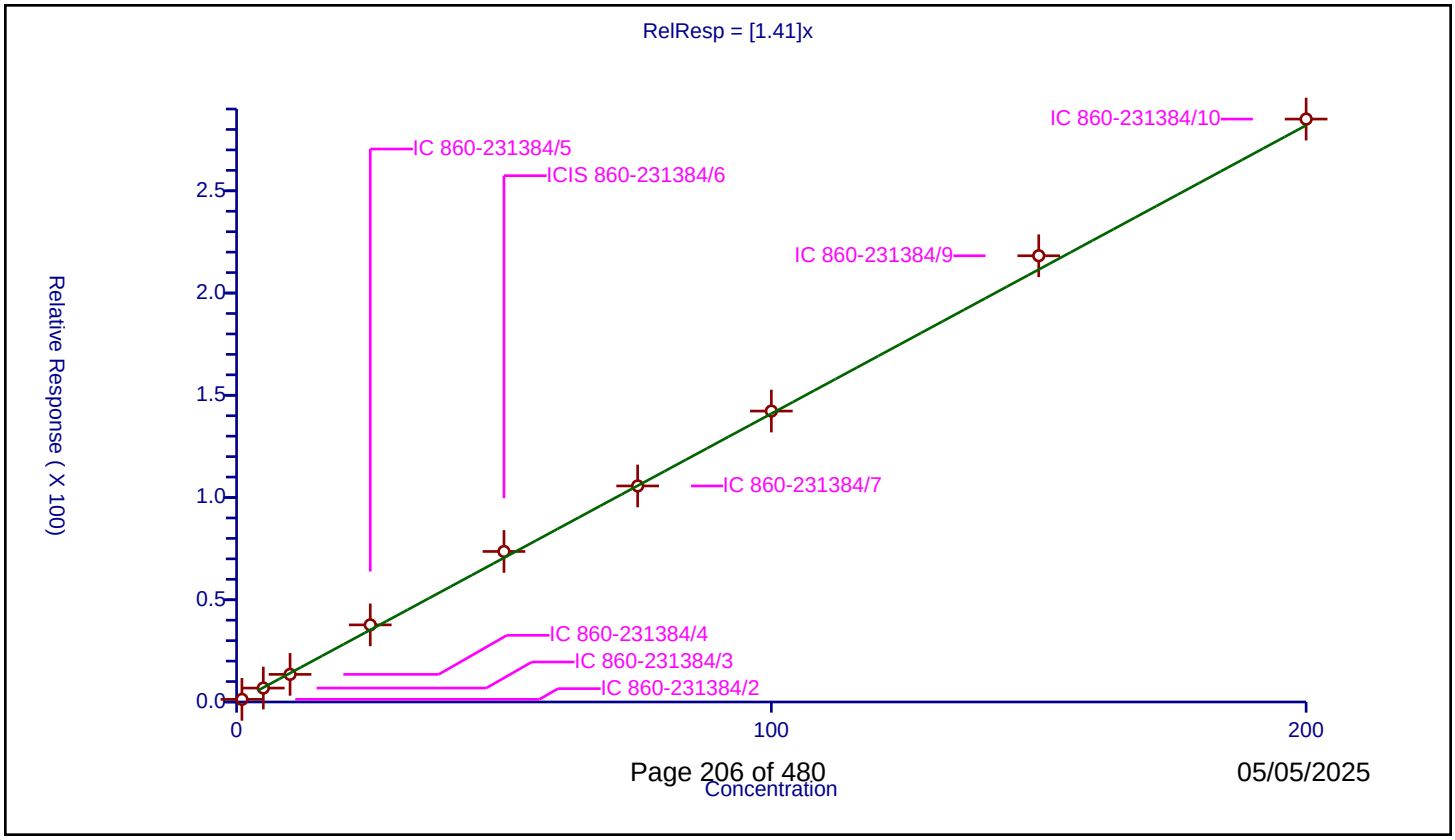
Curve Coefficients

Intercept:	0
Slope:	1.41

Error Coefficients

Relative Standard Deviation:	4.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	1.284019	50.0	312768.0	1.284019	Y
2	IC 860-231384/3	5.0	6.815543	50.0	308310.0	1.363109	Y
3	IC 860-231384/4	10.0	13.510476	50.0	312724.0	1.351048	Y
4	IC 860-231384/5	25.0	37.710369	50.0	312605.0	1.508415	Y
5	ICIS 860-231384/6	50.0	73.613429	50.0	316915.0	1.472269	Y
6	IC 860-231384/7	75.0	105.653352	50.0	331529.0	1.408711	Y
7	IC 860-231384/8	100.0	142.271351	50.0	334541.0	1.422714	Y
8	IC 860-231384/9	150.0	218.234716	50.0	332887.0	1.454898	Y
9	IC 860-231384/10	200.0	285.080903	50.0	341827.0	1.425405	Y



Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

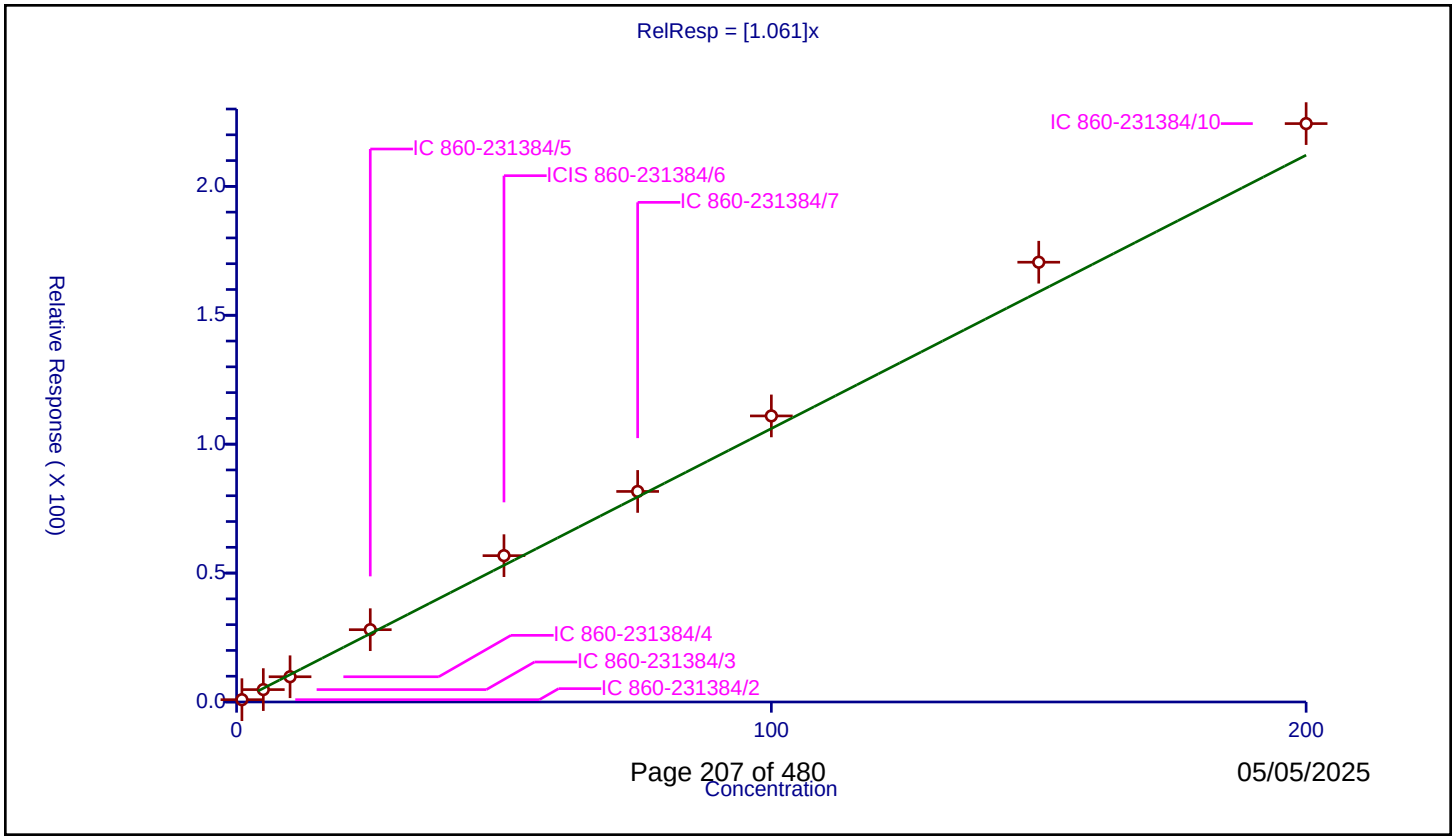
Curve Coefficients

Intercept:	0
Slope:	1.061

Error Coefficients

Relative Standard Deviation:	8.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	0.890117	50.0	312768.0	0.890117	Y
2	IC 860-231384/3	5.0	4.805066	50.0	308310.0	0.961013	Y
3	IC 860-231384/4	10.0	9.790102	50.0	312724.0	0.97901	Y
4	IC 860-231384/5	25.0	28.049135	50.0	312605.0	1.121965	Y
5	ICIS 860-231384/6	50.0	56.758279	50.0	316915.0	1.135166	Y
6	IC 860-231384/7	75.0	81.670834	50.0	331529.0	1.088944	Y
7	IC 860-231384/8	100.0	110.953216	50.0	334541.0	1.109532	Y
8	IC 860-231384/9	150.0	170.574249	50.0	332887.0	1.137162	Y
9	IC 860-231384/10	200.0	224.338189	50.0	341827.0	1.121691	Y



Calibration / Bromoform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

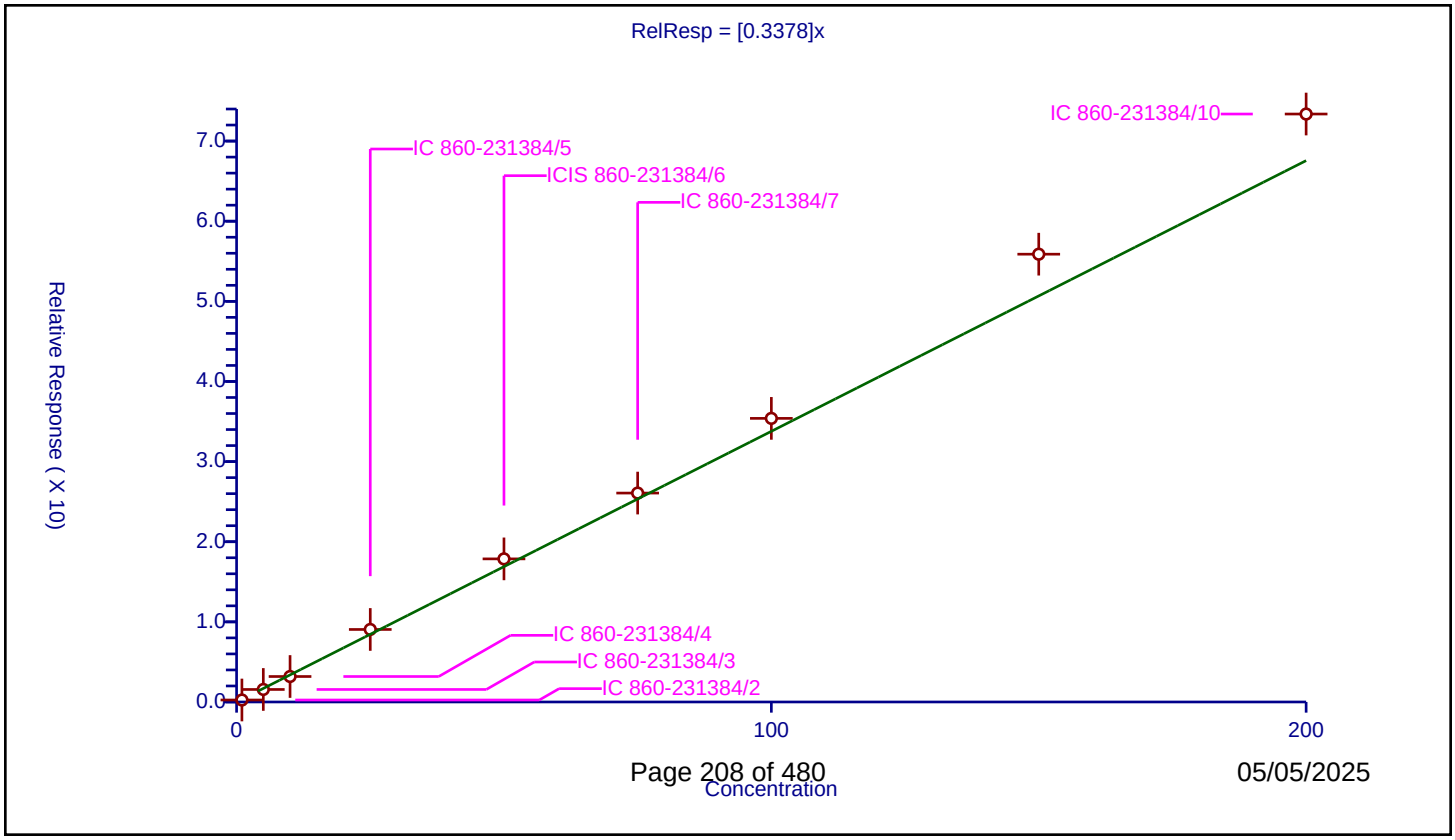
Curve Coefficients

Intercept:	0
Slope:	0.3378

Error Coefficients

Relative Standard Deviation:	11.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	0.249386	50.0	312768.0	0.249386	Y
2	IC 860-231384/3	5.0	1.562713	50.0	308310.0	0.312543	Y
3	IC 860-231384/4	10.0	3.18124	50.0	312724.0	0.318124	Y
4	IC 860-231384/5	25.0	9.050559	50.0	312605.0	0.362022	Y
5	ICIS 860-231384/6	50.0	17.858574	50.0	316915.0	0.357171	Y
6	IC 860-231384/7	75.0	26.073436	50.0	331529.0	0.347646	Y
7	IC 860-231384/8	100.0	35.392373	50.0	334541.0	0.353924	Y
8	IC 860-231384/9	150.0	55.883528	50.0	332887.0	0.372557	Y
9	IC 860-231384/10	200.0	73.374836	50.0	341827.0	0.366874	Y



Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

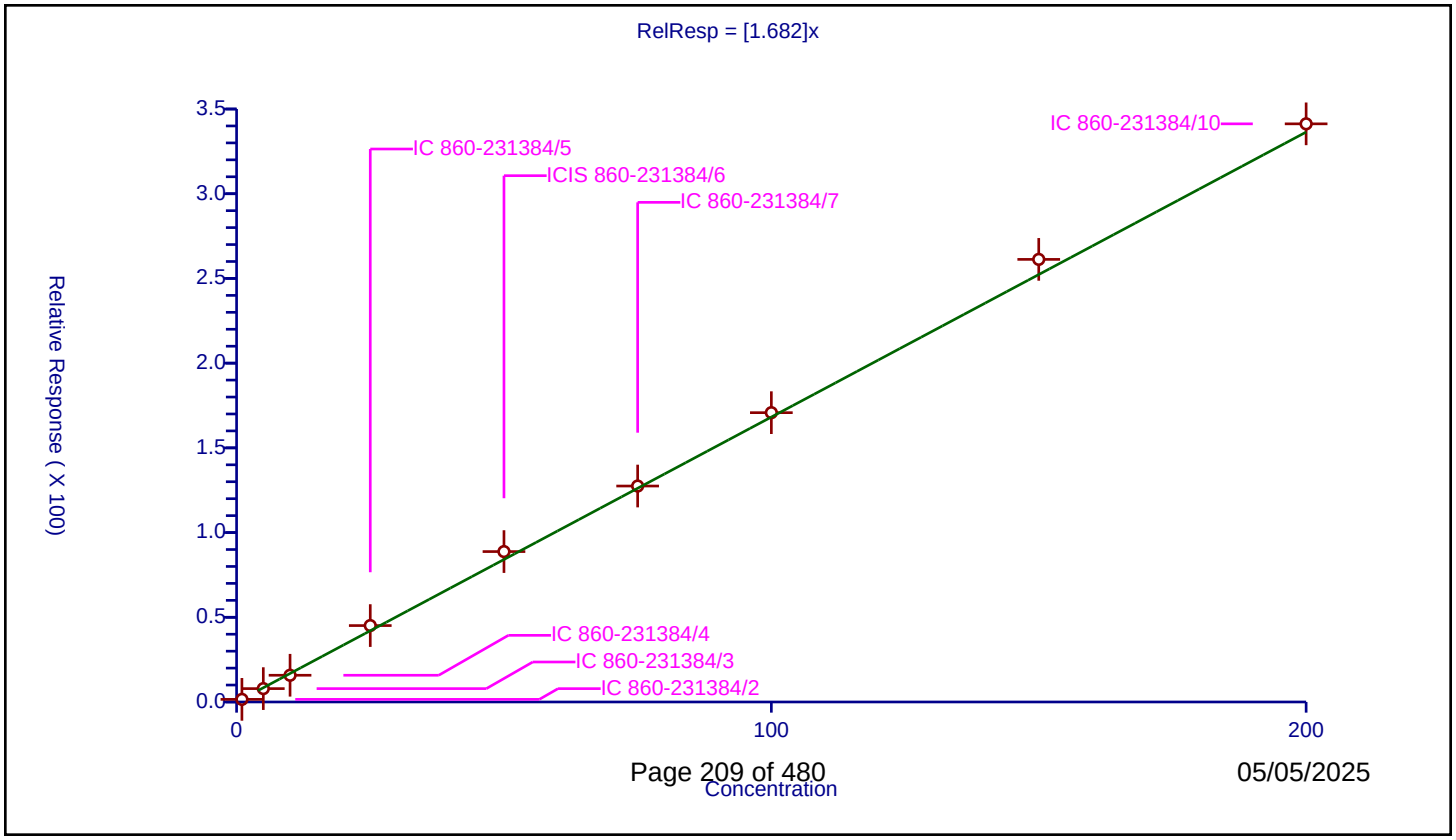
Curve Coefficients

Intercept:	0
Slope:	1.682

Error Coefficients

Relative Standard Deviation:	5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	1.545235	50.0	312768.0	1.545235	Y
2	IC 860-231384/3	5.0	7.898381	50.0	308310.0	1.579676	Y
3	IC 860-231384/4	10.0	15.777491	50.0	312724.0	1.577749	Y
4	IC 860-231384/5	25.0	45.094768	50.0	312605.0	1.803791	Y
5	ICIS 860-231384/6	50.0	88.773015	50.0	316915.0	1.77546	Y
6	IC 860-231384/7	75.0	127.466074	50.0	331529.0	1.699548	Y
7	IC 860-231384/8	100.0	170.771595	50.0	334541.0	1.707716	Y
8	IC 860-231384/9	150.0	261.244807	50.0	332887.0	1.741632	Y
9	IC 860-231384/10	200.0	341.254787	50.0	341827.0	1.706274	Y



Calibration / cis-1,4-Dichloro-2-butene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

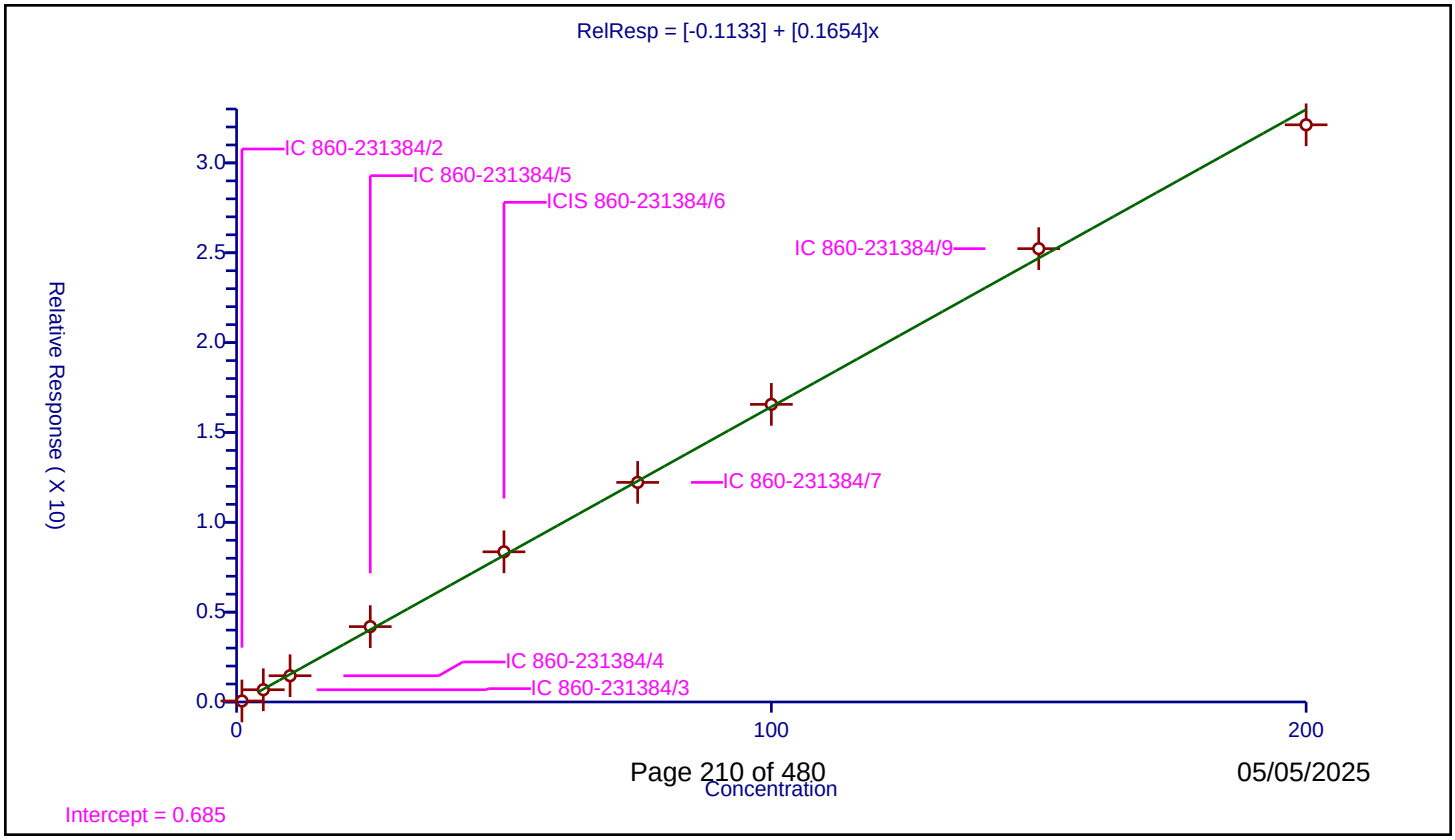
Curve Coefficients

Intercept:	-0.1133
Slope:	0.1654

Error Coefficients

Relative Standard Deviation:	3.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	0.055952	50.0	312768.0	0.055952	Y
2	IC 860-231384/3	5.0	0.682106	50.0	308310.0	0.136421	Y
3	IC 860-231384/4	10.0	1.461512	50.0	312724.0	0.146151	Y
4	IC 860-231384/5	25.0	4.194911	50.0	312605.0	0.167796	Y
5	ICIS 860-231384/6	50.0	8.357919	50.0	316915.0	0.167158	Y
6	IC 860-231384/7	75.0	12.220952	50.0	331529.0	0.162946	Y
7	IC 860-231384/8	100.0	16.562992	50.0	334541.0	0.16563	Y
8	IC 860-231384/9	150.0	25.228681	50.0	332887.0	0.168191	Y
9	IC 860-231384/10	200.0	32.121951	50.0	341827.0	0.16061	Y



Calibration / Cyclohexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

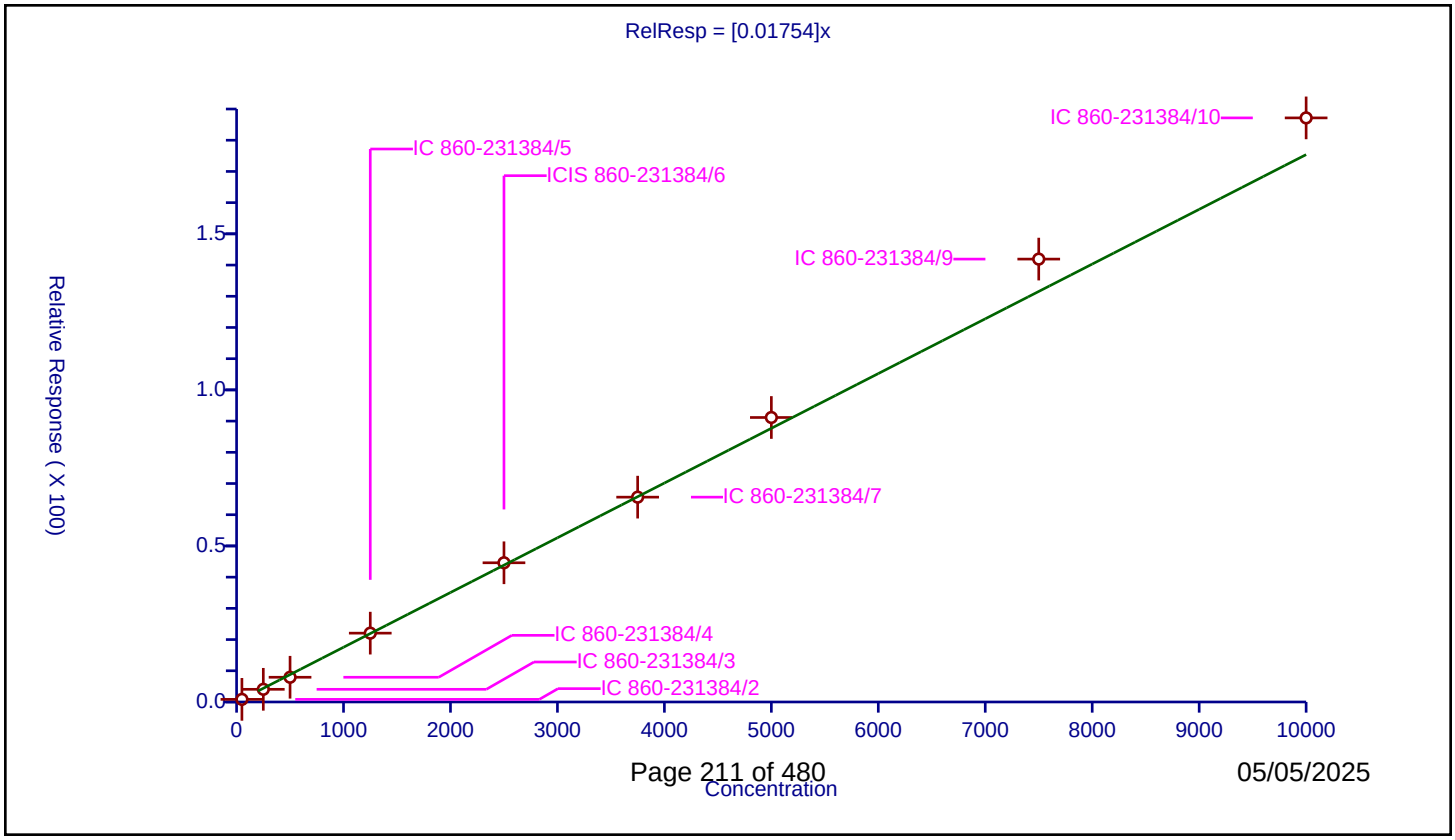
Curve Coefficients

Intercept:	0
Slope:	0.01754

Error Coefficients

Relative Standard Deviation:	6.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	50.0	0.844875	50.0	312768.0	0.016898	Y
2	IC 860-231384/3	250.0	4.061497	50.0	308310.0	0.016246	Y
3	IC 860-231384/4	500.0	7.92472	50.0	312724.0	0.015849	Y
4	IC 860-231384/5	1250.0	22.055469	50.0	312605.0	0.017644	Y
5	ICIS 860-231384/6	2500.0	44.604389	50.0	316915.0	0.017842	Y
6	IC 860-231384/7	3750.0	65.634681	50.0	331529.0	0.017503	Y
7	IC 860-231384/8	5000.0	91.159828	50.0	334541.0	0.018232	Y
8	IC 860-231384/9	7500.0	141.912871	50.0	332887.0	0.018922	Y
9	IC 860-231384/10	10000.0	187.151103	50.0	341827.0	0.018715	Y



Calibration / 4-Bromofluorobenzene (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

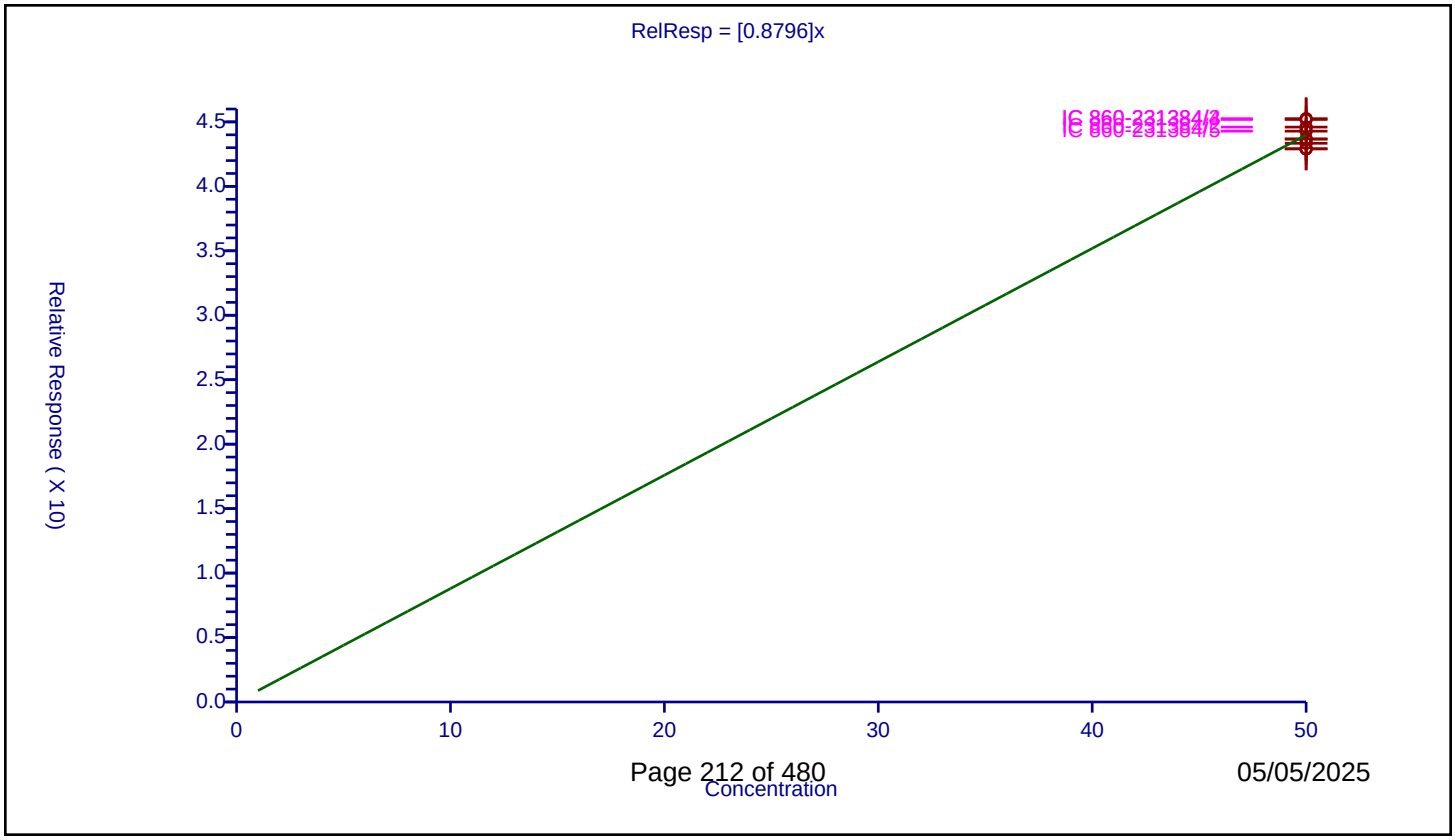
Curve Coefficients

Intercept:	0
Slope:	0.8796

Error Coefficients

Relative Standard Deviation:	2.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	50.0	44.59762	50.0	171989.0	0.891952	Y
2	IC 860-231384/3	50.0	45.253532	50.0	168578.0	0.905071	Y
3	IC 860-231384/4	50.0	45.187826	50.0	171648.0	0.903757	Y
4	IC 860-231384/5	50.0	44.281786	50.0	180030.0	0.885636	Y
5	ICIS 860-231384/6	50.0	43.666192	50.0	188749.0	0.873324	Y
6	IC 860-231384/7	50.0	43.339852	50.0	200461.0	0.866797	Y
7	IC 860-231384/8	50.0	43.67976	50.0	199407.0	0.873595	Y
8	IC 860-231384/9	50.0	42.912828	50.0	202415.0	0.858257	Y
9	IC 860-231384/10	50.0	42.906972	50.0	206132.0	0.858139	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

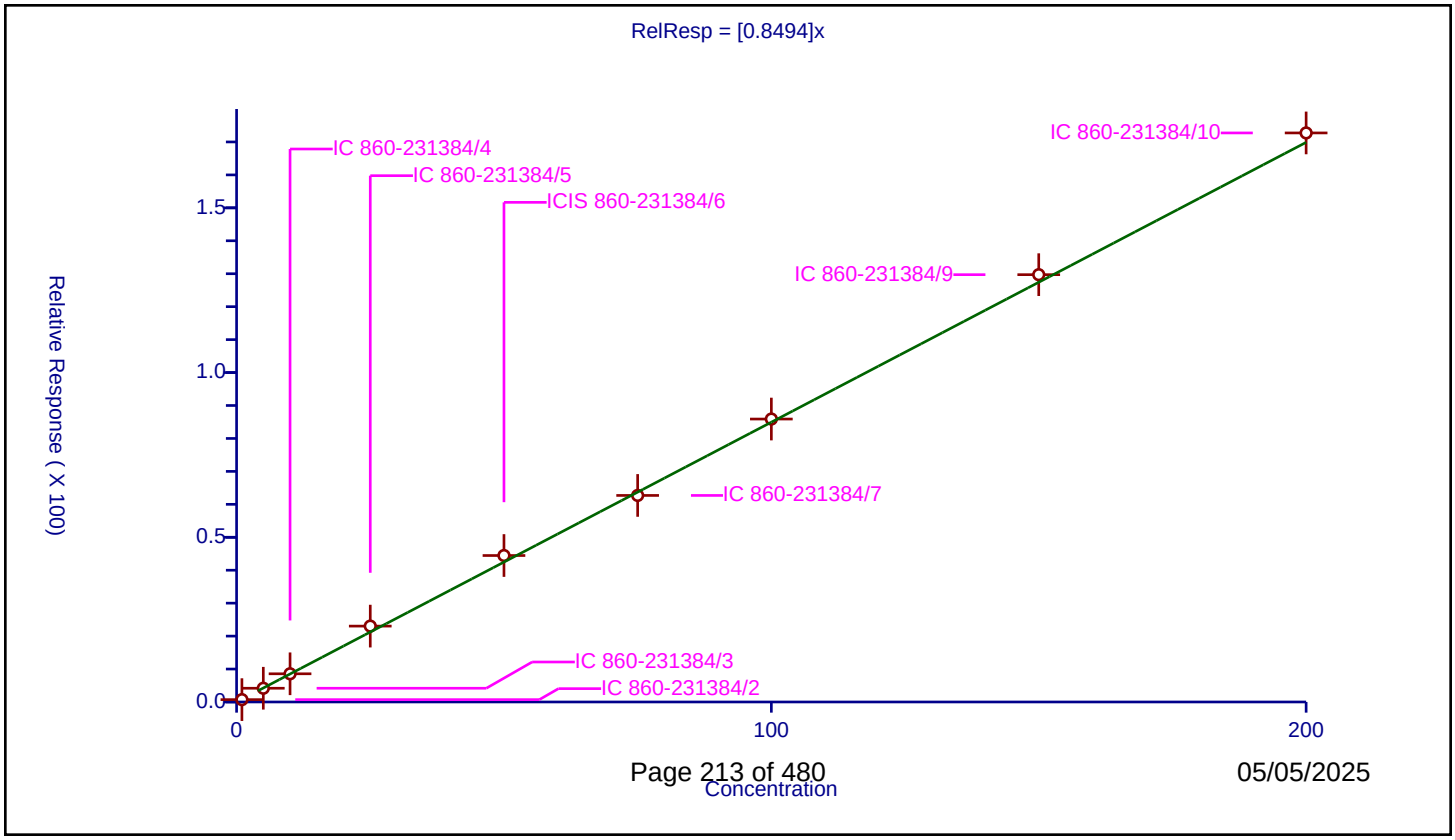
Curve Coefficients

Intercept:	0
Slope:	0.8494

Error Coefficients

Relative Standard Deviation:	6.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	0.720395	50.0	171989.0	0.720395	Y
2	IC 860-231384/3	5.0	4.169287	50.0	168578.0	0.833857	Y
3	IC 860-231384/4	10.0	8.561416	50.0	171648.0	0.856142	Y
4	IC 860-231384/5	25.0	23.034494	50.0	180030.0	0.92138	Y
5	ICIS 860-231384/6	50.0	44.463017	50.0	188749.0	0.88926	Y
6	IC 860-231384/7	75.0	62.698231	50.0	200461.0	0.835976	Y
7	IC 860-231384/8	100.0	85.892923	50.0	199407.0	0.858929	Y
8	IC 860-231384/9	150.0	129.714942	50.0	202415.0	0.864766	Y
9	IC 860-231384/10	200.0	172.741011	50.0	206132.0	0.863705	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

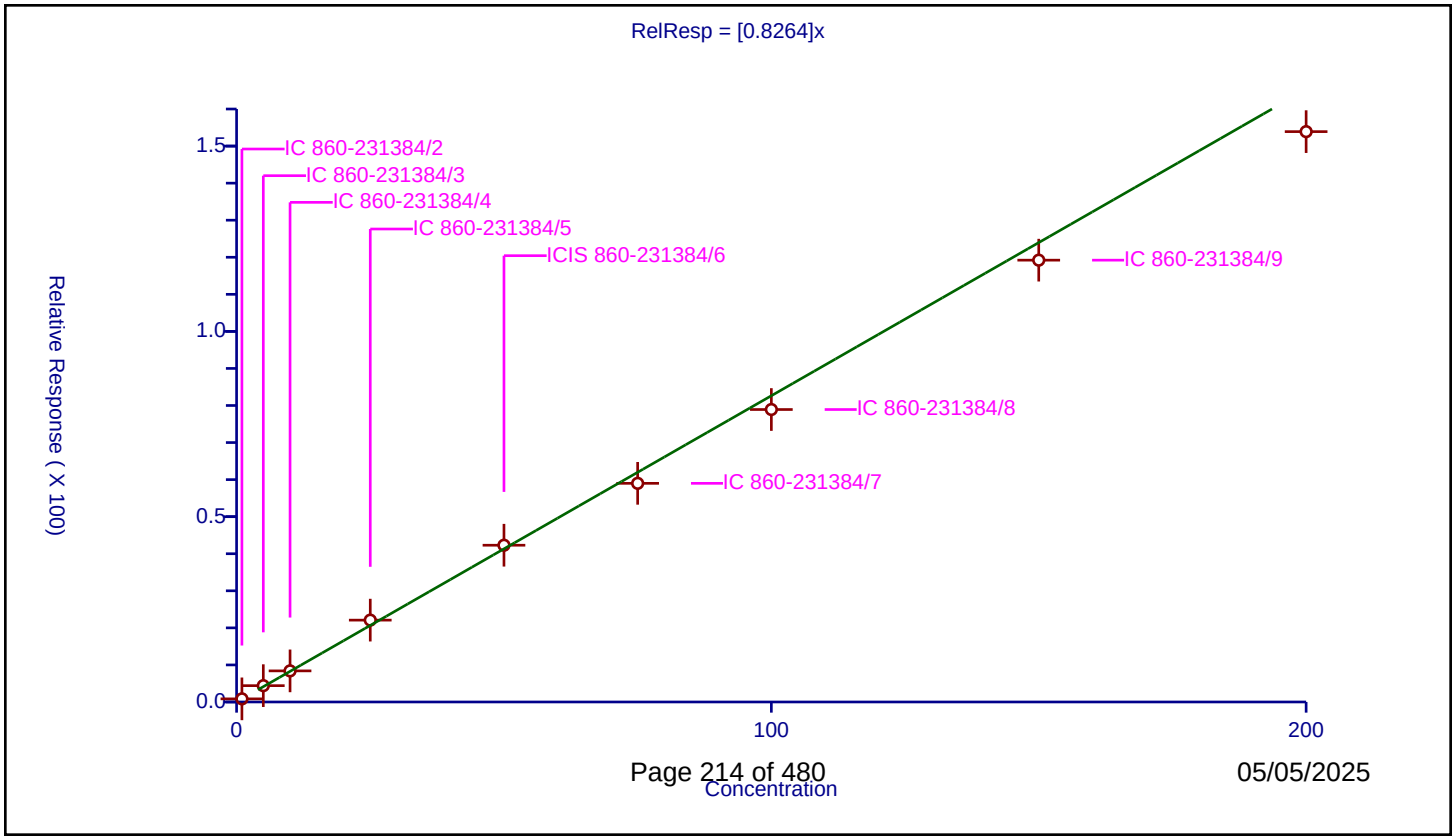
Curve Coefficients

Intercept:	0
Slope:	0.8264

Error Coefficients

Relative Standard Deviation:	5.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	0.847438	50.0	171989.0	0.847438	Y
2	IC 860-231384/3	5.0	4.403896	50.0	168578.0	0.880779	Y
3	IC 860-231384/4	10.0	8.394214	50.0	171648.0	0.839421	Y
4	IC 860-231384/5	25.0	22.088541	50.0	180030.0	0.883542	Y
5	ICIS 860-231384/6	50.0	42.299827	50.0	188749.0	0.845997	Y
6	IC 860-231384/7	75.0	59.001502	50.0	200461.0	0.786687	Y
7	IC 860-231384/8	100.0	78.914983	50.0	199407.0	0.78915	Y
8	IC 860-231384/9	150.0	119.217449	50.0	202415.0	0.794783	Y
9	IC 860-231384/10	200.0	153.895077	50.0	206132.0	0.769475	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

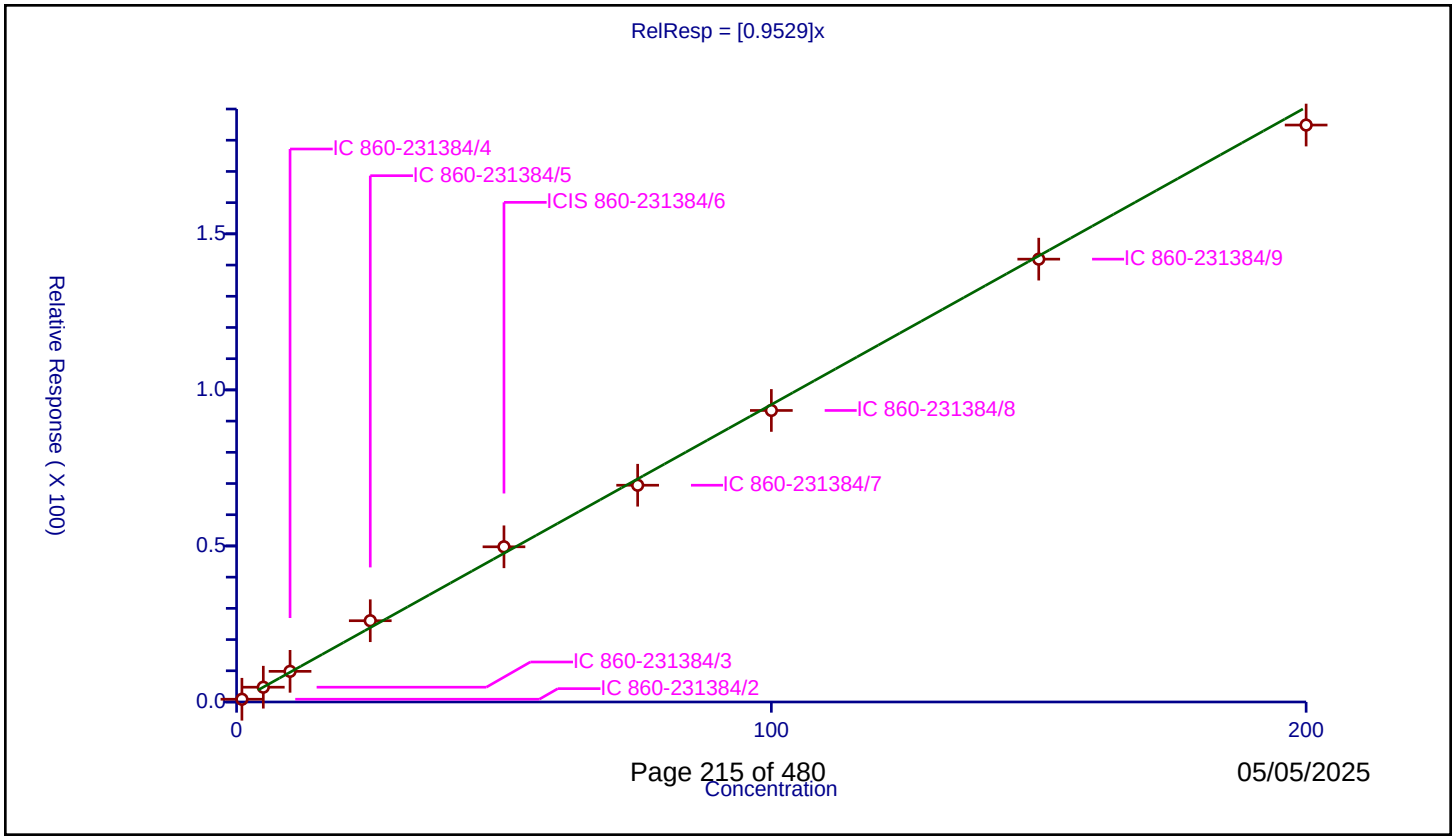
Curve Coefficients

Intercept:	0
Slope:	0.9529

Error Coefficients

Relative Standard Deviation:	4.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	0.879998	50.0	171989.0	0.879998	Y
2	IC 860-231384/3	5.0	4.734604	50.0	168578.0	0.946921	Y
3	IC 860-231384/4	10.0	9.824175	50.0	171648.0	0.982418	Y
4	IC 860-231384/5	25.0	26.042326	50.0	180030.0	1.041693	Y
5	ICIS 860-231384/6	50.0	49.722912	50.0	188749.0	0.994458	Y
6	IC 860-231384/7	75.0	69.453909	50.0	200461.0	0.926052	Y
7	IC 860-231384/8	100.0	93.415477	50.0	199407.0	0.934155	Y
8	IC 860-231384/9	150.0	141.892399	50.0	202415.0	0.945949	Y
9	IC 860-231384/10	200.0	184.860914	50.0	206132.0	0.924305	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

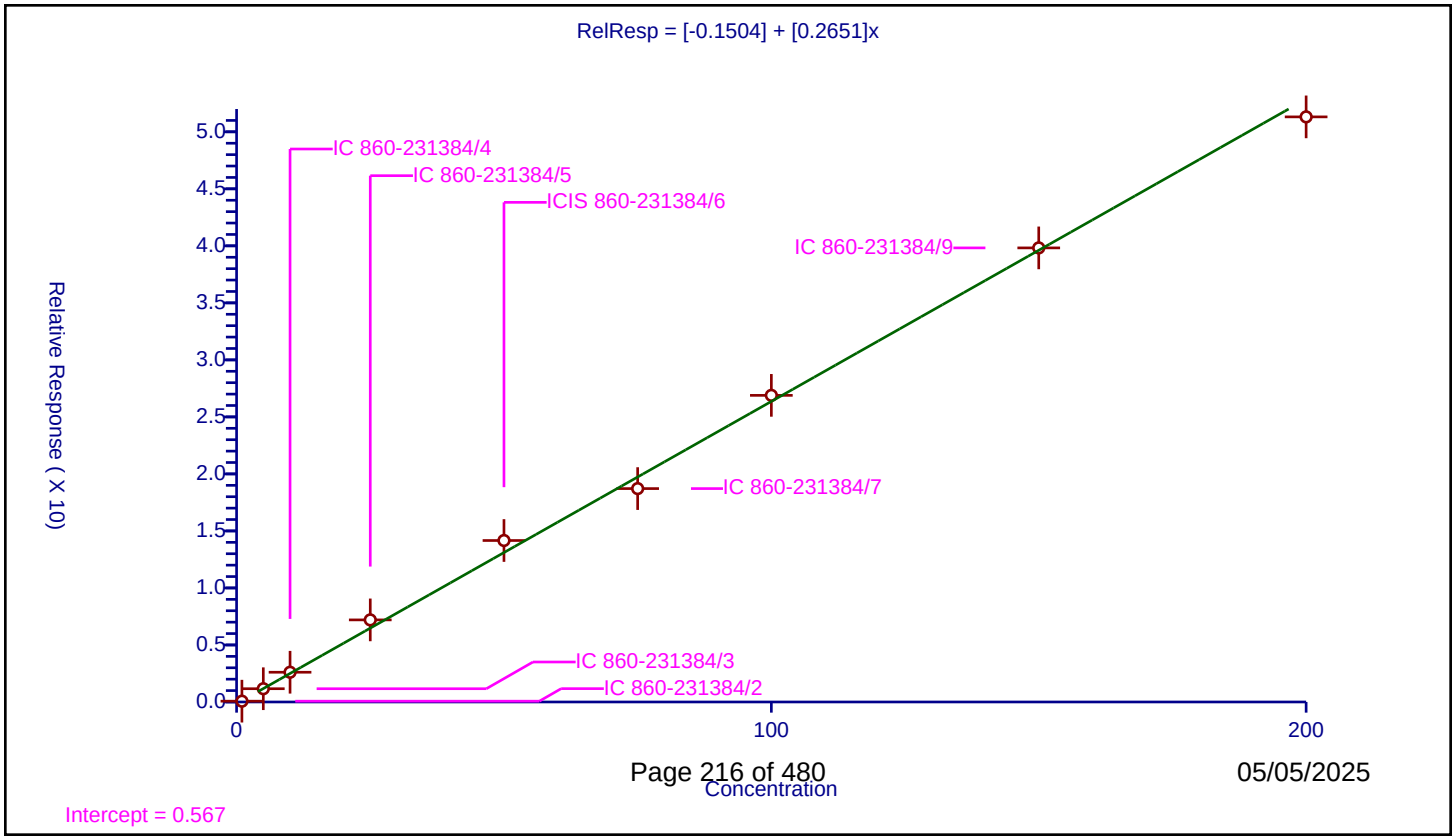
Curve Coefficients

Intercept:	-0.1504
Slope:	0.2651

Error Coefficients

Relative Standard Deviation:	8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	0.070935	50.0	171989.0	0.070935	Y
2	IC 860-231384/3	5.0	1.162667	50.0	168578.0	0.232533	Y
3	IC 860-231384/4	10.0	2.608536	50.0	171648.0	0.260854	Y
4	IC 860-231384/5	25.0	7.199633	50.0	180030.0	0.287985	Y
5	ICIS 860-231384/6	50.0	14.161135	50.0	188749.0	0.283223	Y
6	IC 860-231384/7	75.0	18.712867	50.0	200461.0	0.249505	Y
7	IC 860-231384/8	100.0	26.889728	50.0	199407.0	0.268897	Y
8	IC 860-231384/9	150.0	39.822148	50.0	202415.0	0.265481	Y
9	IC 860-231384/10	200.0	51.310083	50.0	206132.0	0.25655	Y



Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

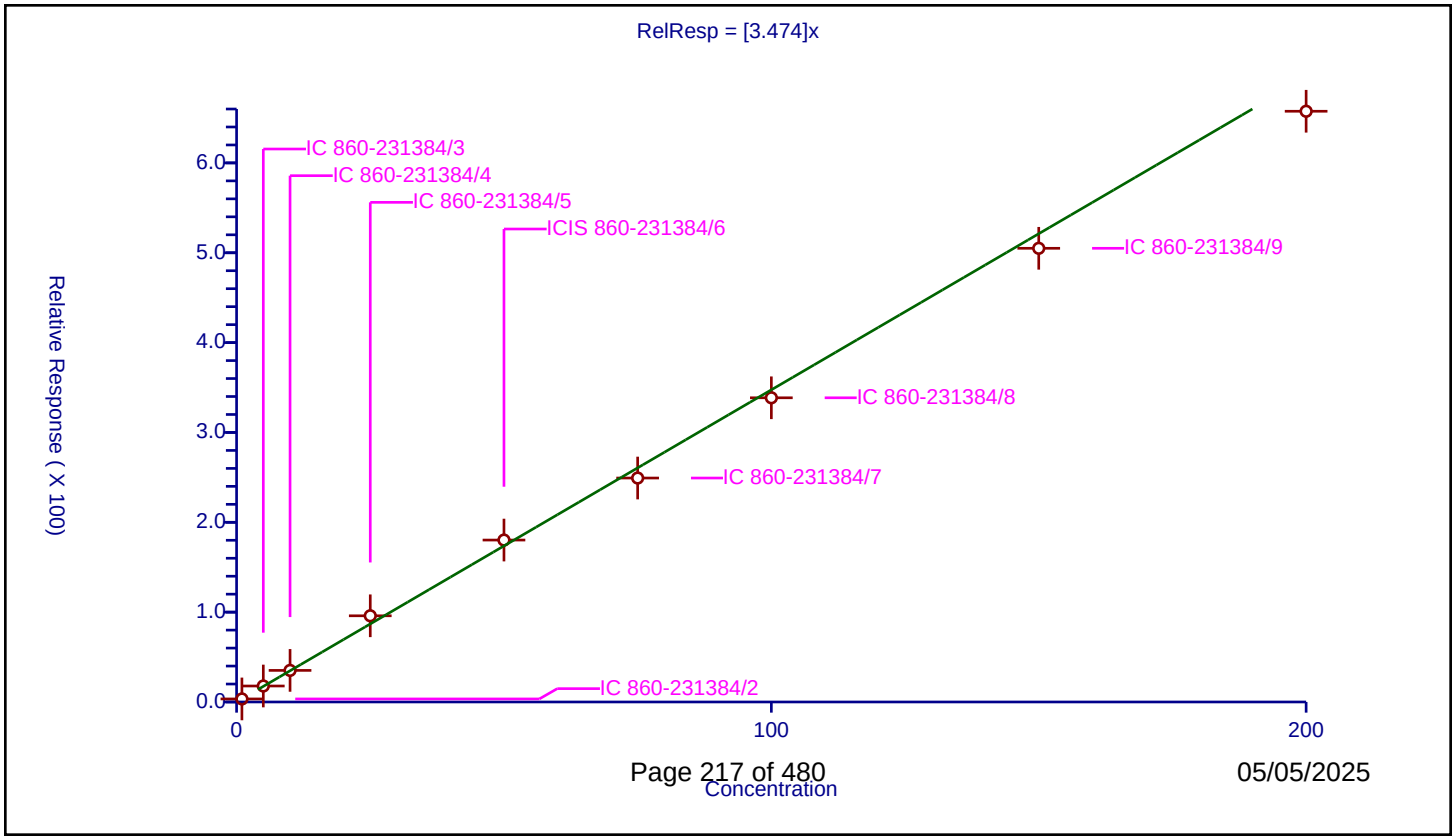
Curve Coefficients

Intercept:	0
Slope:	3.474

Error Coefficients

Relative Standard Deviation:	5.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	3.38888	50.0	171989.0	3.38888	Y
2	IC 860-231384/3	5.0	17.798882	50.0	168578.0	3.559776	Y
3	IC 860-231384/4	10.0	35.157415	50.0	171648.0	3.515742	Y
4	IC 860-231384/5	25.0	95.944843	50.0	180030.0	3.837794	Y
5	ICIS 860-231384/6	50.0	180.228769	50.0	188749.0	3.604575	Y
6	IC 860-231384/7	75.0	249.283901	50.0	200461.0	3.323785	Y
7	IC 860-231384/8	100.0	338.579889	50.0	199407.0	3.385799	Y
8	IC 860-231384/9	150.0	504.963565	50.0	202415.0	3.366424	Y
9	IC 860-231384/10	200.0	657.496895	50.0	206132.0	3.287484	Y



Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

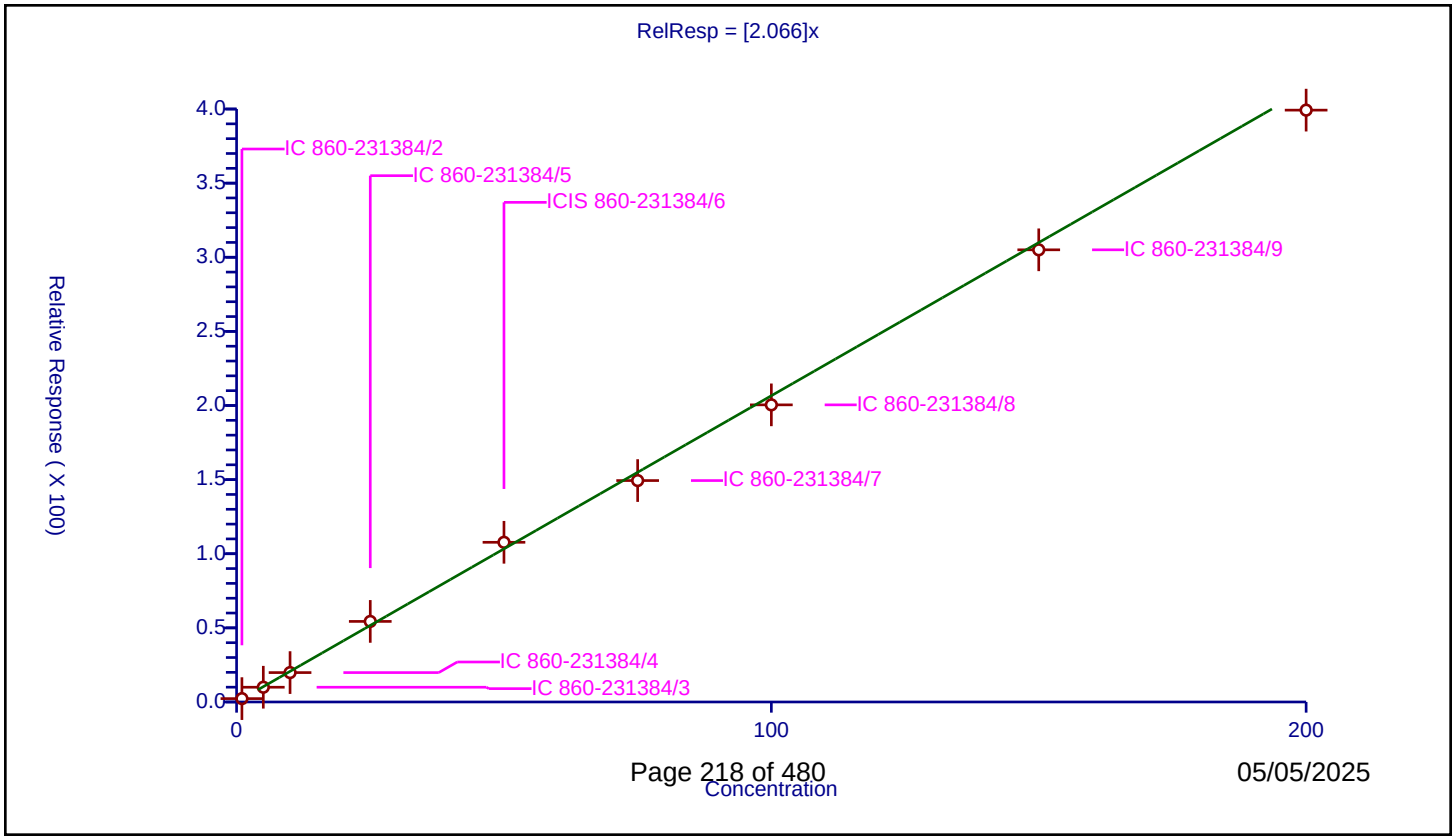
Curve Coefficients

Intercept:	0
Slope:	2.066

Error Coefficients

Relative Standard Deviation:	5.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	2.266715	50.0	171989.0	2.266715	Y
2	IC 860-231384/3	5.0	9.952366	50.0	168578.0	1.990473	Y
3	IC 860-231384/4	10.0	19.827496	50.0	171648.0	1.98275	Y
4	IC 860-231384/5	25.0	54.345665	50.0	180030.0	2.173827	Y
5	ICIS 860-231384/6	50.0	107.731432	50.0	188749.0	2.154629	Y
6	IC 860-231384/7	75.0	149.358978	50.0	200461.0	1.991453	Y
7	IC 860-231384/8	100.0	200.439303	50.0	199407.0	2.004393	Y
8	IC 860-231384/9	150.0	305.016427	50.0	202415.0	2.033443	Y
9	IC 860-231384/10	200.0	399.243689	50.0	206132.0	1.996218	Y



Calibration / 4-Ethyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

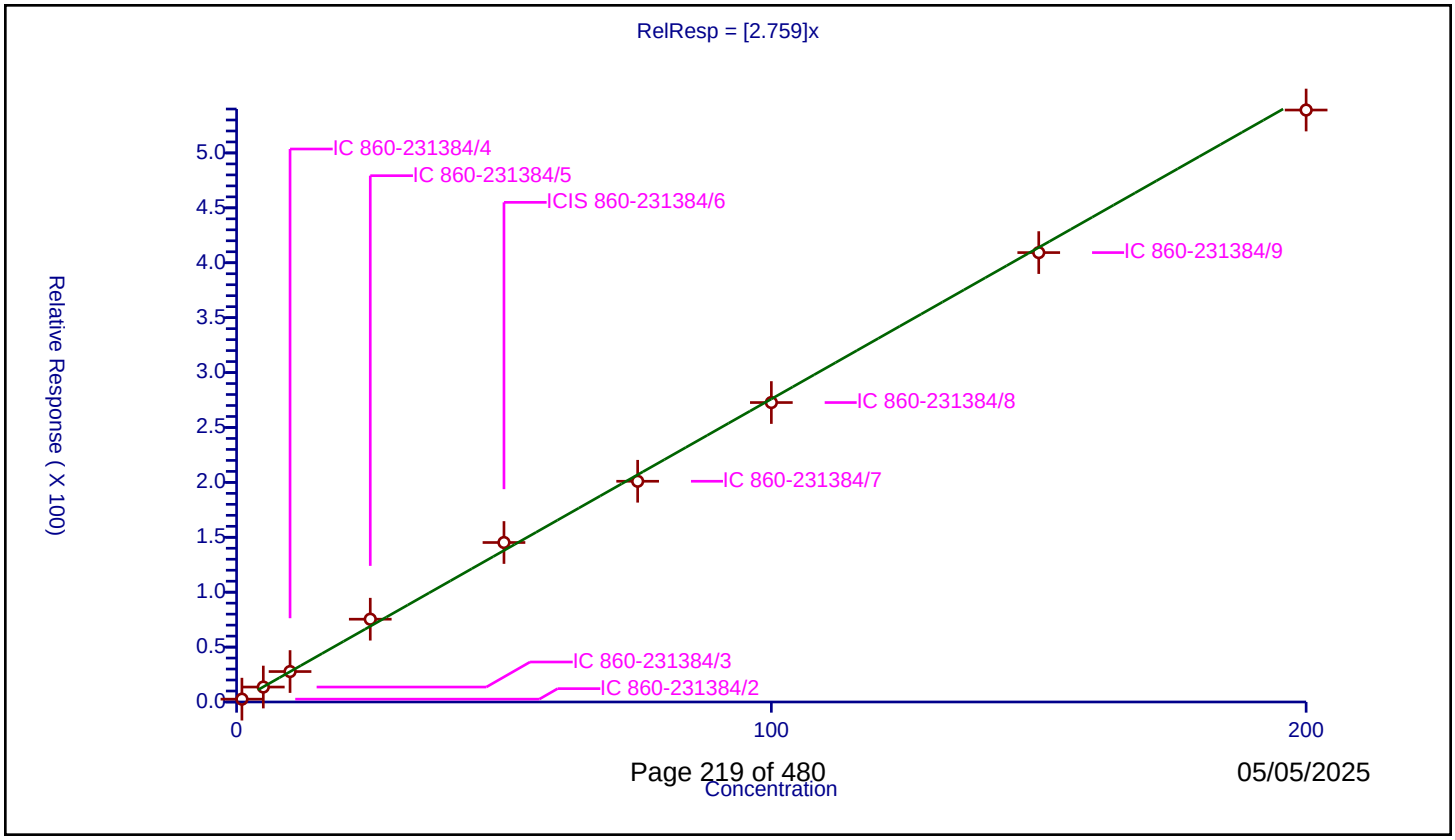
Curve Coefficients

Intercept:	0
Slope:	2.759

Error Coefficients

Relative Standard Deviation:	4.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	2.587956	50.0	171989.0	2.587956	Y
2	IC 860-231384/3	5.0	13.61269	50.0	168578.0	2.722538	Y
3	IC 860-231384/4	10.0	27.723306	50.0	171648.0	2.772331	Y
4	IC 860-231384/5	25.0	75.387991	50.0	180030.0	3.01552	Y
5	ICIS 860-231384/6	50.0	145.226995	50.0	188749.0	2.90454	Y
6	IC 860-231384/7	75.0	201.013414	50.0	200461.0	2.680179	Y
7	IC 860-231384/8	100.0	272.700306	50.0	199407.0	2.727003	Y
8	IC 860-231384/9	150.0	409.247091	50.0	202415.0	2.728314	Y
9	IC 860-231384/10	200.0	539.0786	50.0	206132.0	2.695393	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

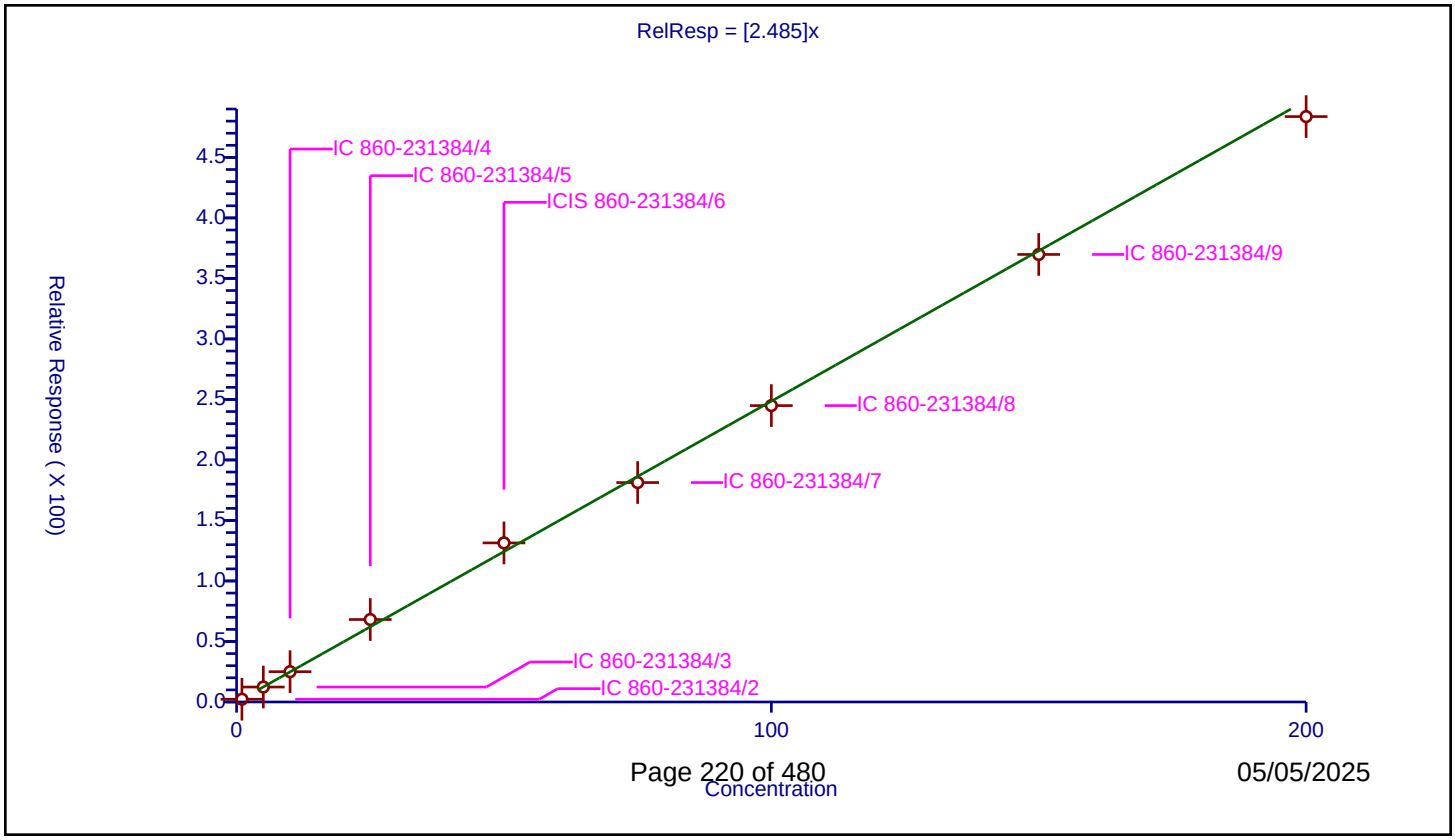
Curve Coefficients

Intercept:	0
Slope:	2.485

Error Coefficients

Relative Standard Deviation:	5.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	2.287937	50.0	171989.0	2.287937	Y
2	IC 860-231384/3	5.0	12.355112	50.0	168578.0	2.471022	Y
3	IC 860-231384/4	10.0	25.033207	50.0	171648.0	2.503321	Y
4	IC 860-231384/5	25.0	68.141976	50.0	180030.0	2.725679	Y
5	ICIS 860-231384/6	50.0	131.448114	50.0	188749.0	2.628962	Y
6	IC 860-231384/7	75.0	181.311826	50.0	200461.0	2.417491	Y
7	IC 860-231384/8	100.0	244.927711	50.0	199407.0	2.449277	Y
8	IC 860-231384/9	150.0	369.817207	50.0	202415.0	2.465448	Y
9	IC 860-231384/10	200.0	483.742214	50.0	206132.0	2.418711	Y



Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

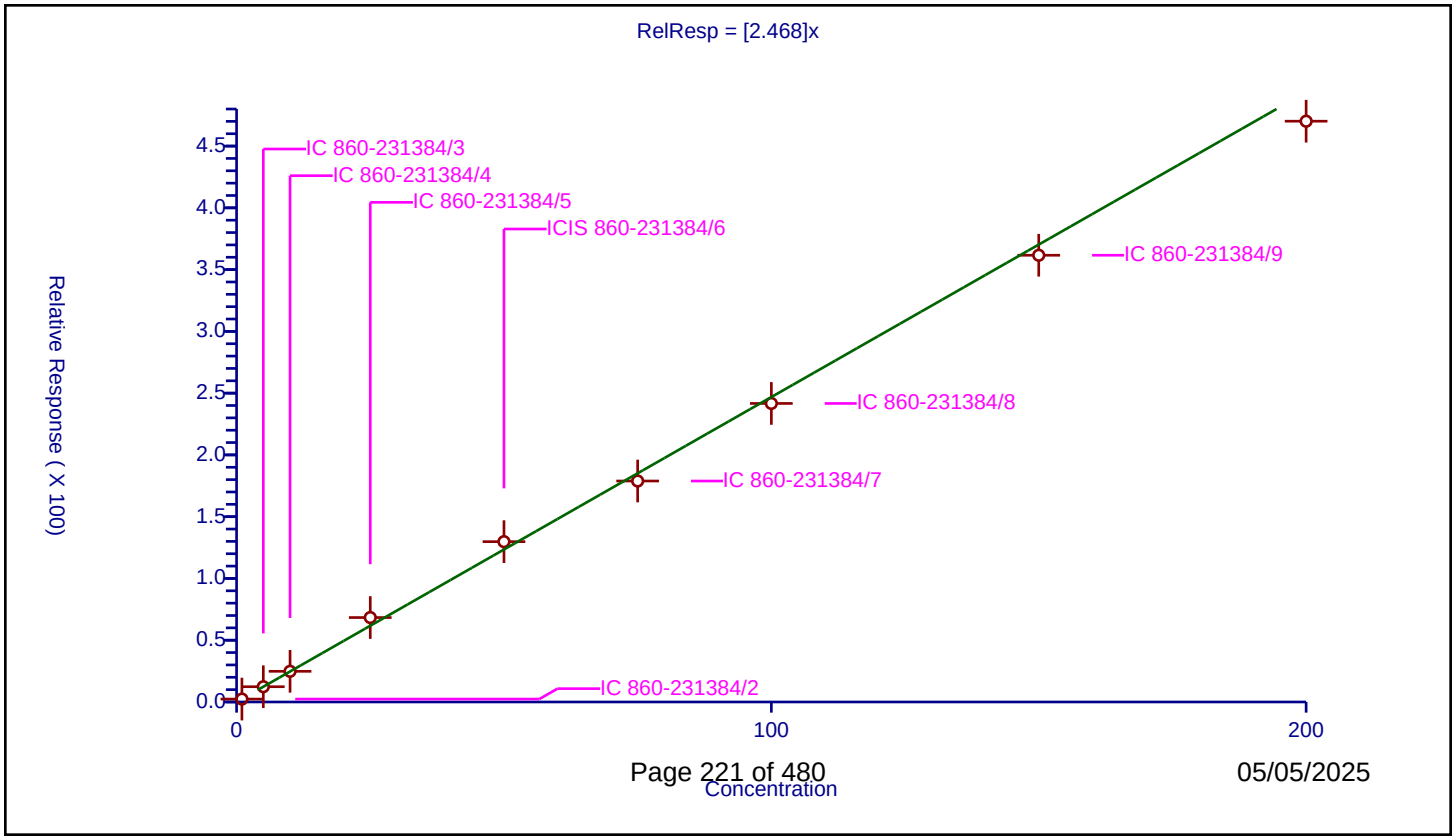
Curve Coefficients

Intercept:	0
Slope:	2.468

Error Coefficients

Relative Standard Deviation:	5.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	2.367593	50.0	171989.0	2.367593	Y
2	IC 860-231384/3	5.0	12.350366	50.0	168578.0	2.470073	Y
3	IC 860-231384/4	10.0	24.83571	50.0	171648.0	2.483571	Y
4	IC 860-231384/5	25.0	68.360551	50.0	180030.0	2.734422	Y
5	ICIS 860-231384/6	50.0	129.796979	50.0	188749.0	2.59594	Y
6	IC 860-231384/7	75.0	178.875442	50.0	200461.0	2.385006	Y
7	IC 860-231384/8	100.0	241.660273	50.0	199407.0	2.416603	Y
8	IC 860-231384/9	150.0	361.62068	50.0	202415.0	2.410805	Y
9	IC 860-231384/10	200.0	470.12982	50.0	206132.0	2.350649	Y



Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

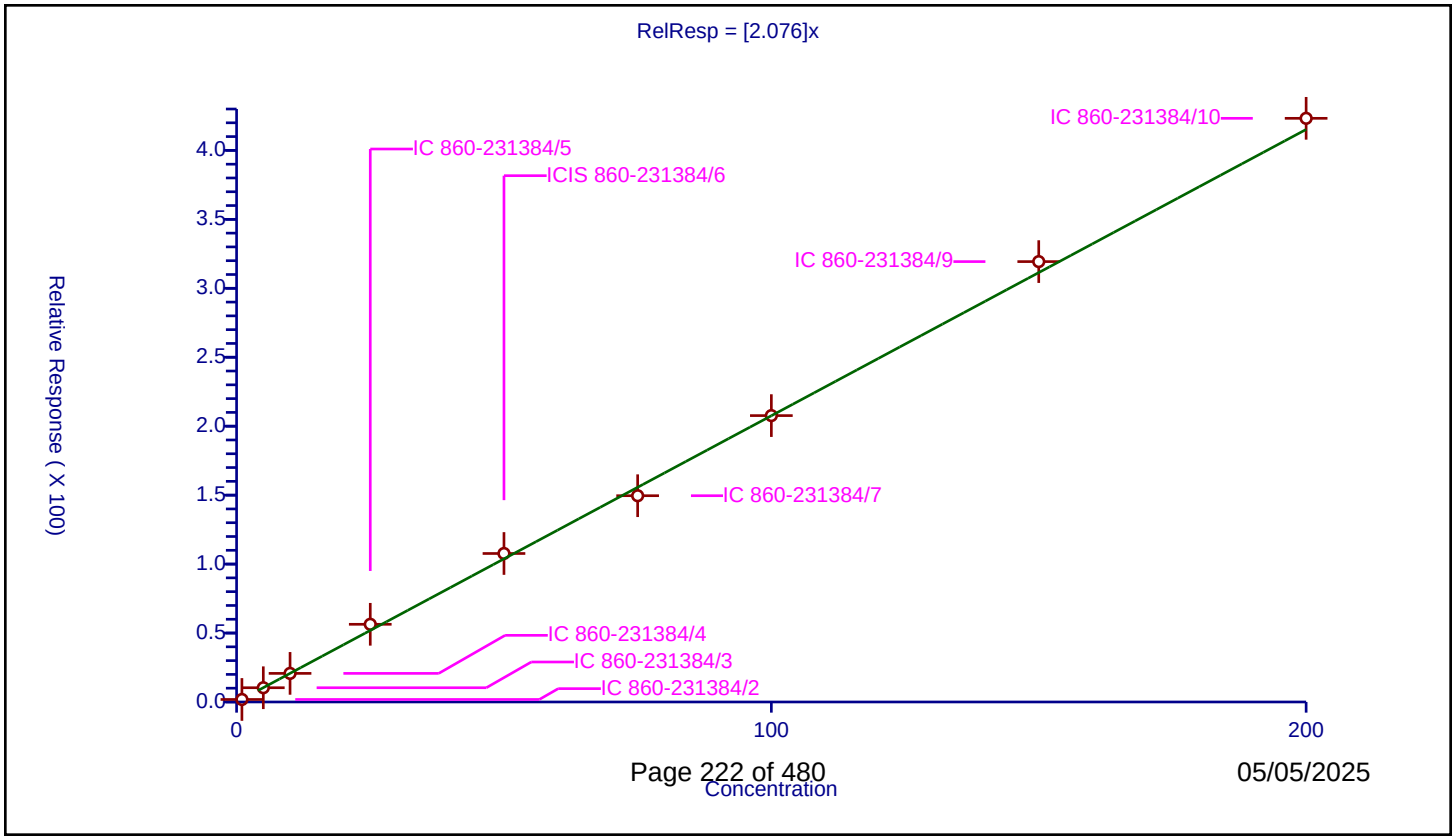
Curve Coefficients

Intercept:	0
Slope:	2.076

Error Coefficients

Relative Standard Deviation:	5.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	1.819302	50.0	171989.0	1.819302	Y
2	IC 860-231384/3	5.0	10.330233	50.0	168578.0	2.066047	Y
3	IC 860-231384/4	10.0	20.736041	50.0	171648.0	2.073604	Y
4	IC 860-231384/5	25.0	56.347275	50.0	180030.0	2.253891	Y
5	ICIS 860-231384/6	50.0	107.682955	50.0	188749.0	2.153659	Y
6	IC 860-231384/7	75.0	149.575977	50.0	200461.0	1.994346	Y
7	IC 860-231384/8	100.0	207.667735	50.0	199407.0	2.076677	Y
8	IC 860-231384/9	150.0	319.343675	50.0	202415.0	2.128958	Y
9	IC 860-231384/10	200.0	423.24918	50.0	206132.0	2.116246	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

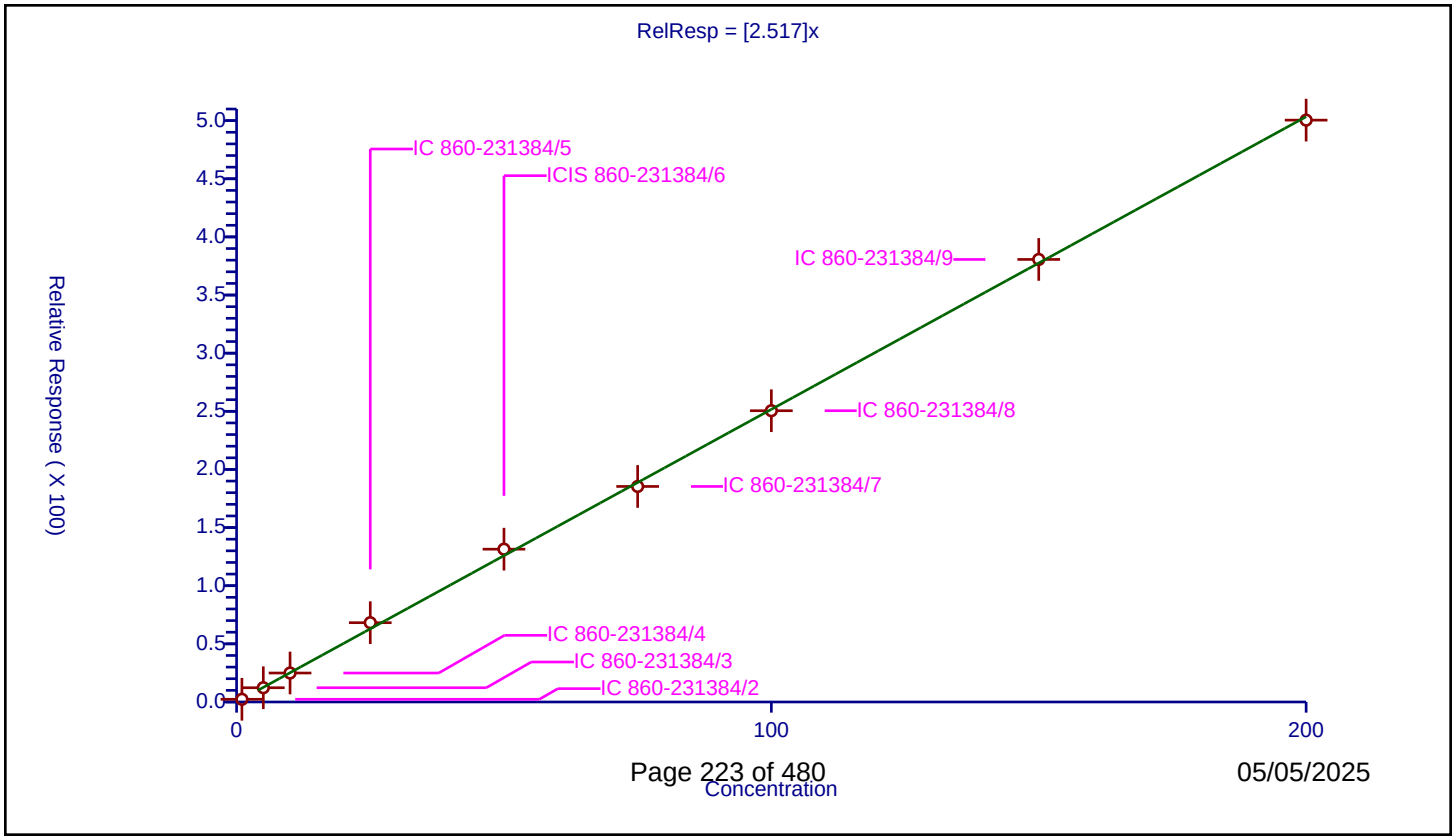
Curve Coefficients

Intercept:	0
Slope:	2.517

Error Coefficients

Relative Standard Deviation:	4.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	2.334452	50.0	171989.0	2.334452	Y
2	IC 860-231384/3	5.0	12.2602	50.0	168578.0	2.45204	Y
3	IC 860-231384/4	10.0	24.916981	50.0	171648.0	2.491698	Y
4	IC 860-231384/5	25.0	68.20891	50.0	180030.0	2.728356	Y
5	ICIS 860-231384/6	50.0	131.427186	50.0	188749.0	2.628544	Y
6	IC 860-231384/7	75.0	185.365981	50.0	200461.0	2.471546	Y
7	IC 860-231384/8	100.0	250.518788	50.0	199407.0	2.505188	Y
8	IC 860-231384/9	150.0	380.610874	50.0	202415.0	2.537406	Y
9	IC 860-231384/10	200.0	500.440252	50.0	206132.0	2.502201	Y



Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

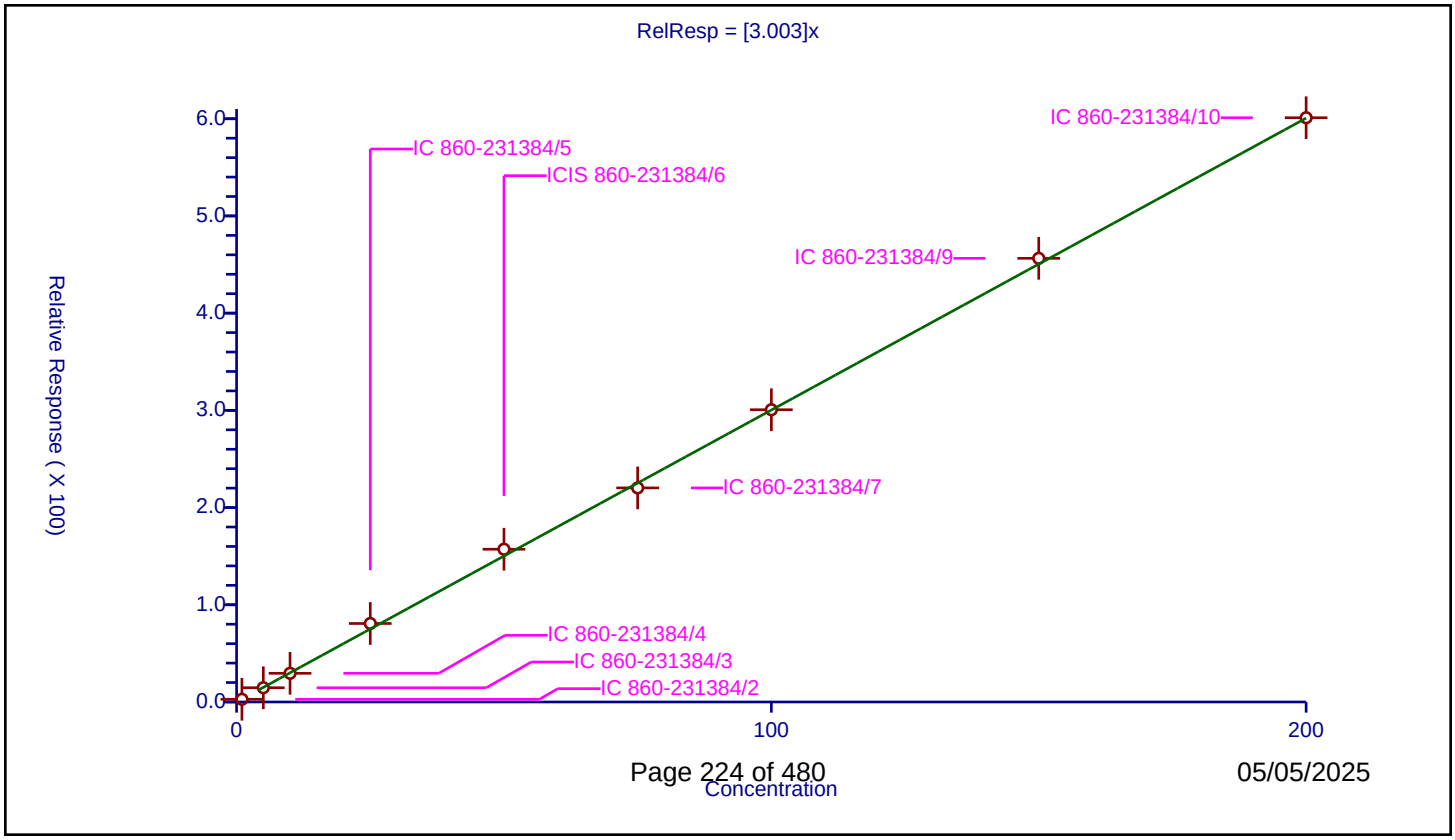
Curve Coefficients

Intercept:	0
Slope:	3.003

Error Coefficients

Relative Standard Deviation:	4.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	2.784771	50.0	171989.0	2.784771	Y
2	IC 860-231384/3	5.0	14.654047	50.0	168578.0	2.930809	Y
3	IC 860-231384/4	10.0	29.496411	50.0	171648.0	2.949641	Y
4	IC 860-231384/5	25.0	80.755985	50.0	180030.0	3.230239	Y
5	ICIS 860-231384/6	50.0	157.146263	50.0	188749.0	3.142925	Y
6	IC 860-231384/7	75.0	220.243838	50.0	200461.0	2.936585	Y
7	IC 860-231384/8	100.0	300.64742	50.0	199407.0	3.006474	Y
8	IC 860-231384/9	150.0	456.393301	50.0	202415.0	3.042622	Y
9	IC 860-231384/10	200.0	601.026527	50.0	206132.0	3.005133	Y



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

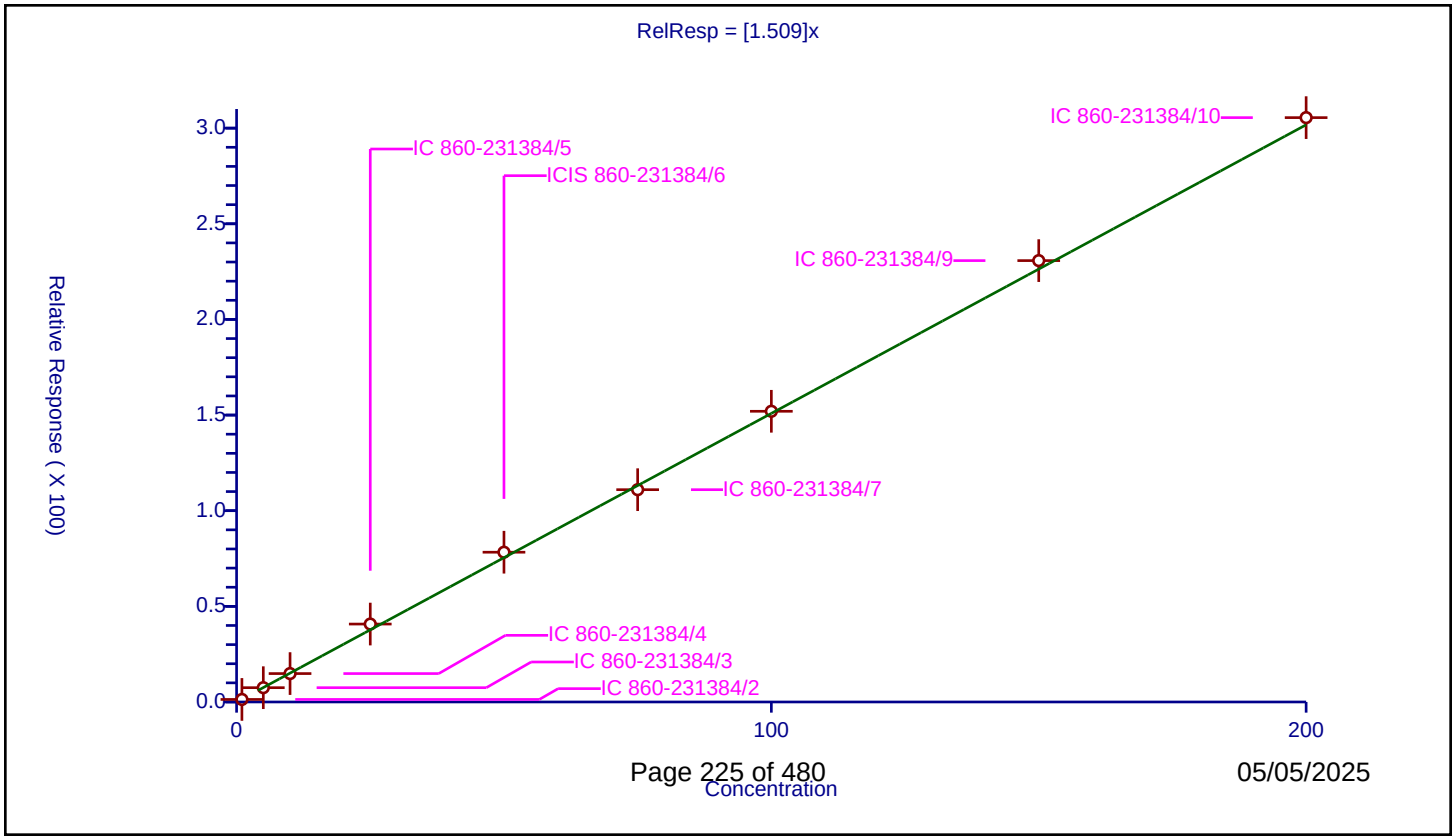
Curve Coefficients

Intercept:	0
Slope:	1.509

Error Coefficients

Relative Standard Deviation:	5.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	1.335551	50.0	171989.0	1.335551	Y
2	IC 860-231384/3	5.0	7.481996	50.0	168578.0	1.496399	Y
3	IC 860-231384/4	10.0	14.855984	50.0	171648.0	1.485598	Y
4	IC 860-231384/5	25.0	40.737933	50.0	180030.0	1.629517	Y
5	ICIS 860-231384/6	50.0	78.294455	50.0	188749.0	1.565889	Y
6	IC 860-231384/7	75.0	110.990916	50.0	200461.0	1.479879	Y
7	IC 860-231384/8	100.0	151.98313	50.0	199407.0	1.519831	Y
8	IC 860-231384/9	150.0	230.749944	50.0	202415.0	1.538333	Y
9	IC 860-231384/10	200.0	305.502785	50.0	206132.0	1.527514	Y



Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

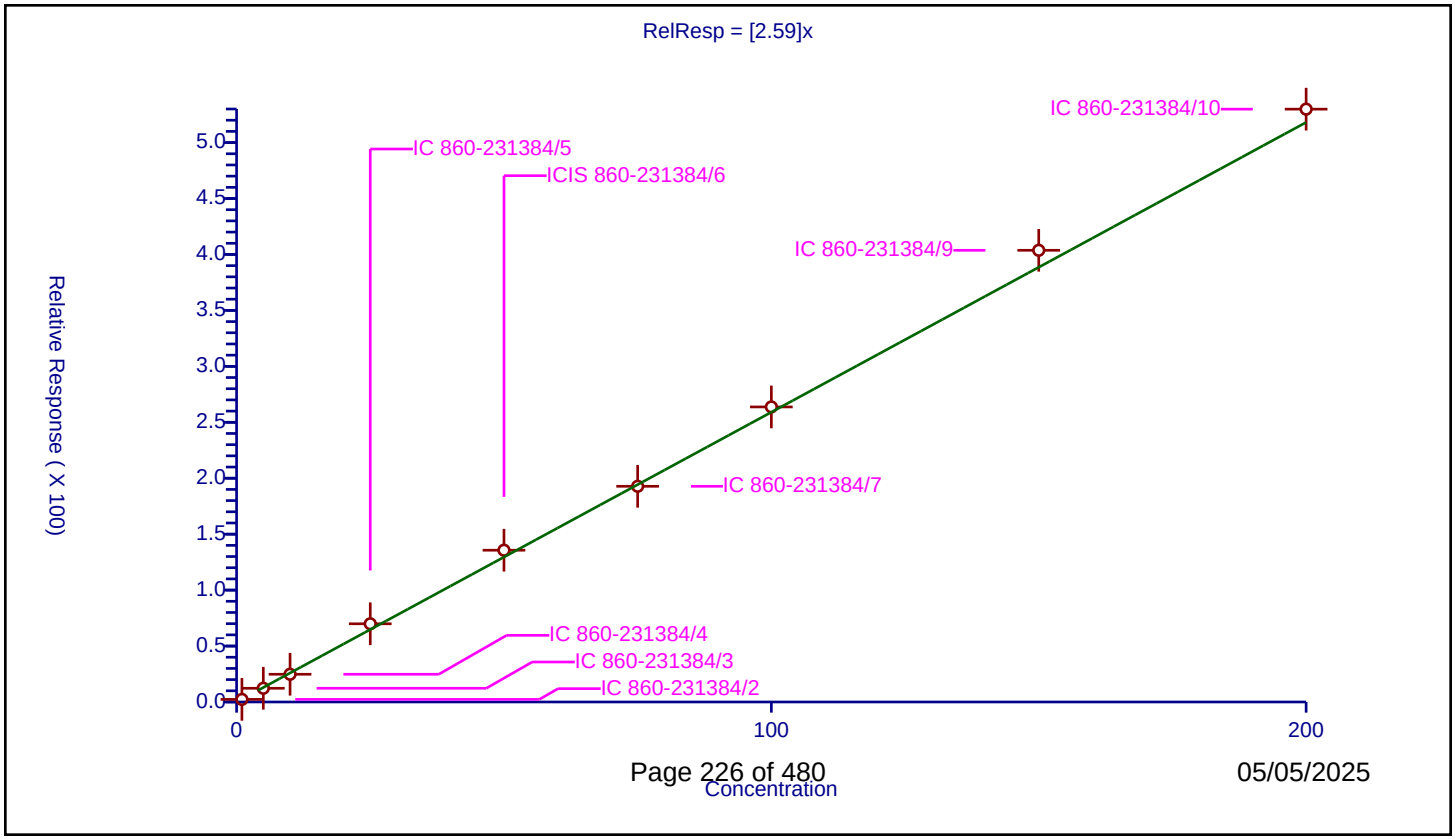
Curve Coefficients

Intercept:	0
Slope:	2.59

Error Coefficients

Relative Standard Deviation:	5.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	2.322823	50.0	171989.0	2.322823	Y
2	IC 860-231384/3	5.0	12.269691	50.0	168578.0	2.453938	Y
3	IC 860-231384/4	10.0	24.785899	50.0	171648.0	2.47859	Y
4	IC 860-231384/5	25.0	69.890852	50.0	180030.0	2.795634	Y
5	ICIS 860-231384/6	50.0	135.662176	50.0	188749.0	2.713244	Y
6	IC 860-231384/7	75.0	192.790867	50.0	200461.0	2.570545	Y
7	IC 860-231384/8	100.0	263.722186	50.0	199407.0	2.637222	Y
8	IC 860-231384/9	150.0	403.721809	50.0	202415.0	2.691479	Y
9	IC 860-231384/10	200.0	529.891768	50.0	206132.0	2.649459	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

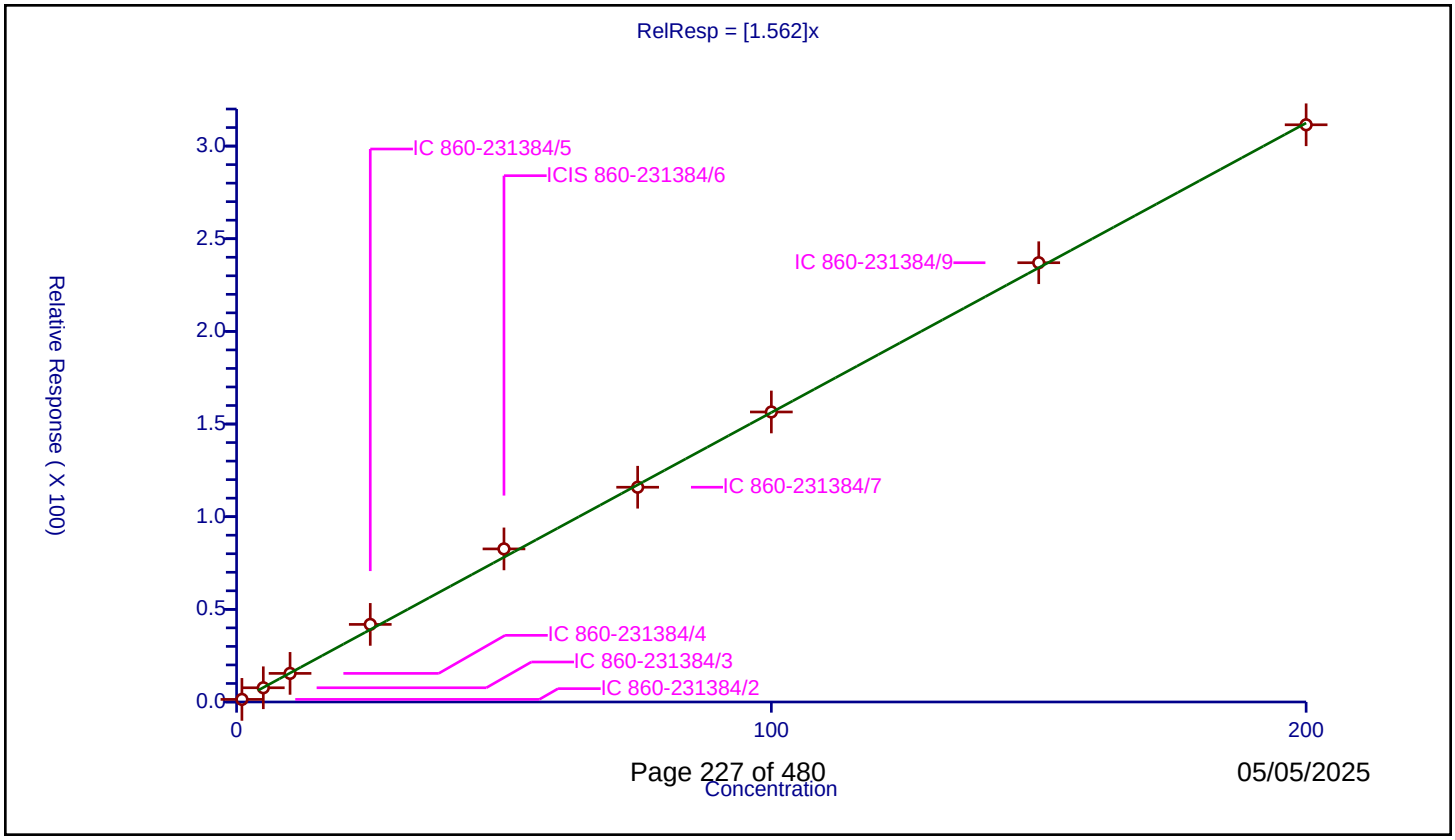
Curve Coefficients

Intercept:	0
Slope:	1.562

Error Coefficients

Relative Standard Deviation:	4.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	1.406195	50.0	171989.0	1.406195	Y
2	IC 860-231384/3	5.0	7.675379	50.0	168578.0	1.535076	Y
3	IC 860-231384/4	10.0	15.436824	50.0	171648.0	1.543682	Y
4	IC 860-231384/5	25.0	41.863578	50.0	180030.0	1.674543	Y
5	ICIS 860-231384/6	50.0	82.611564	50.0	188749.0	1.652231	Y
6	IC 860-231384/7	75.0	115.895112	50.0	200461.0	1.545268	Y
7	IC 860-231384/8	100.0	156.506542	50.0	199407.0	1.565065	Y
8	IC 860-231384/9	150.0	237.050614	50.0	202415.0	1.580337	Y
9	IC 860-231384/10	200.0	311.487785	50.0	206132.0	1.557439	Y



Calibration / Dicyclopentadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

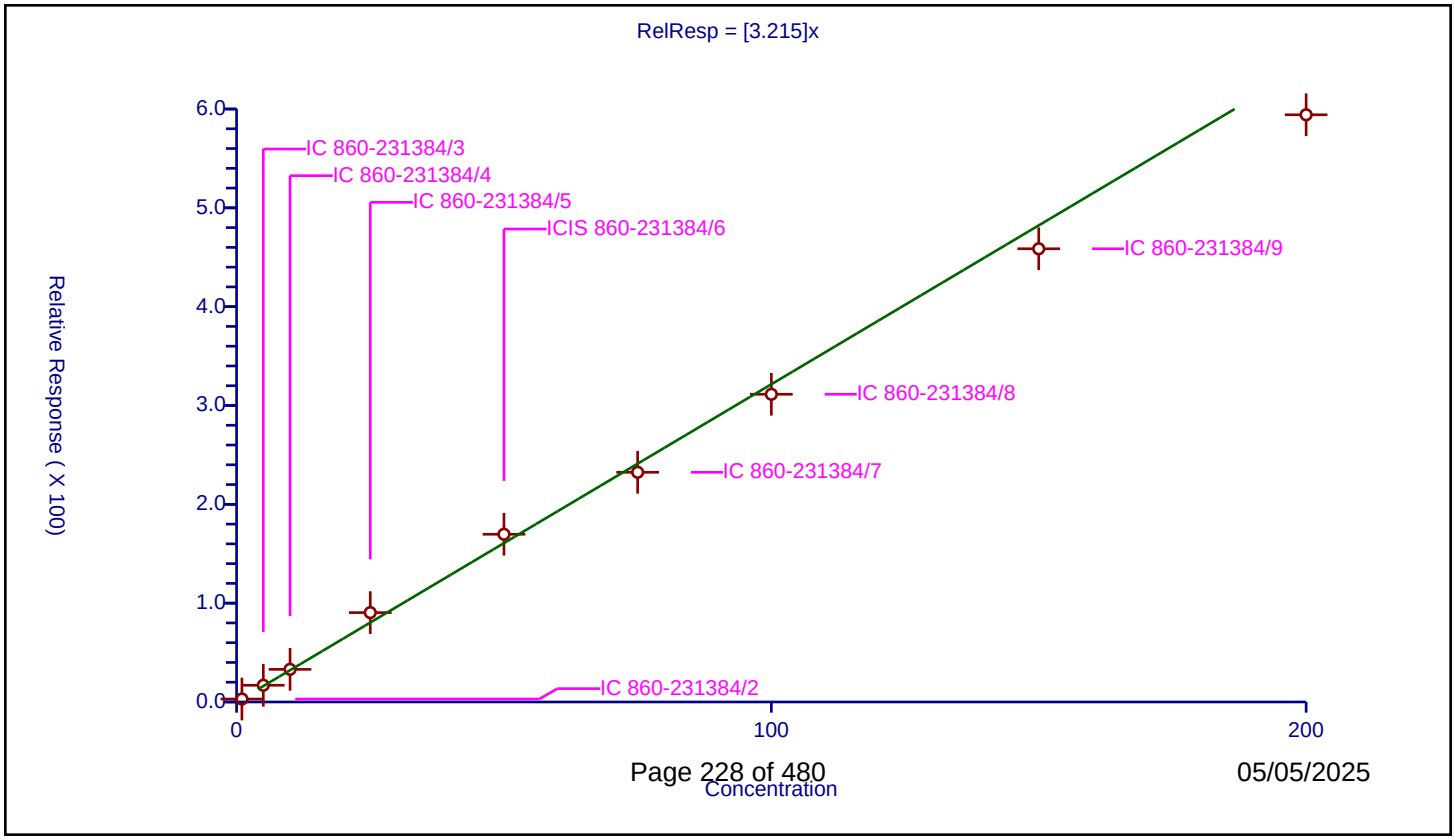
Curve Coefficients

Intercept:	0
Slope:	3.215

Error Coefficients

Relative Standard Deviation:	6.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	2.991761	50.0	171989.0	2.991761	Y
2	IC 860-231384/3	5.0	16.942899	50.0	168578.0	3.38858	Y
3	IC 860-231384/4	10.0	33.014949	50.0	171648.0	3.301495	Y
4	IC 860-231384/5	25.0	90.43465	50.0	180030.0	3.617386	Y
5	ICIS 860-231384/6	50.0	169.713747	50.0	188749.0	3.394275	Y
6	IC 860-231384/7	75.0	232.41628	50.0	200461.0	3.098884	Y
7	IC 860-231384/8	100.0	311.355168	50.0	199407.0	3.113552	Y
8	IC 860-231384/9	150.0	458.582615	50.0	202415.0	3.057217	Y
9	IC 860-231384/10	200.0	594.175092	50.0	206132.0	2.970875	Y



Calibration / Benzyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

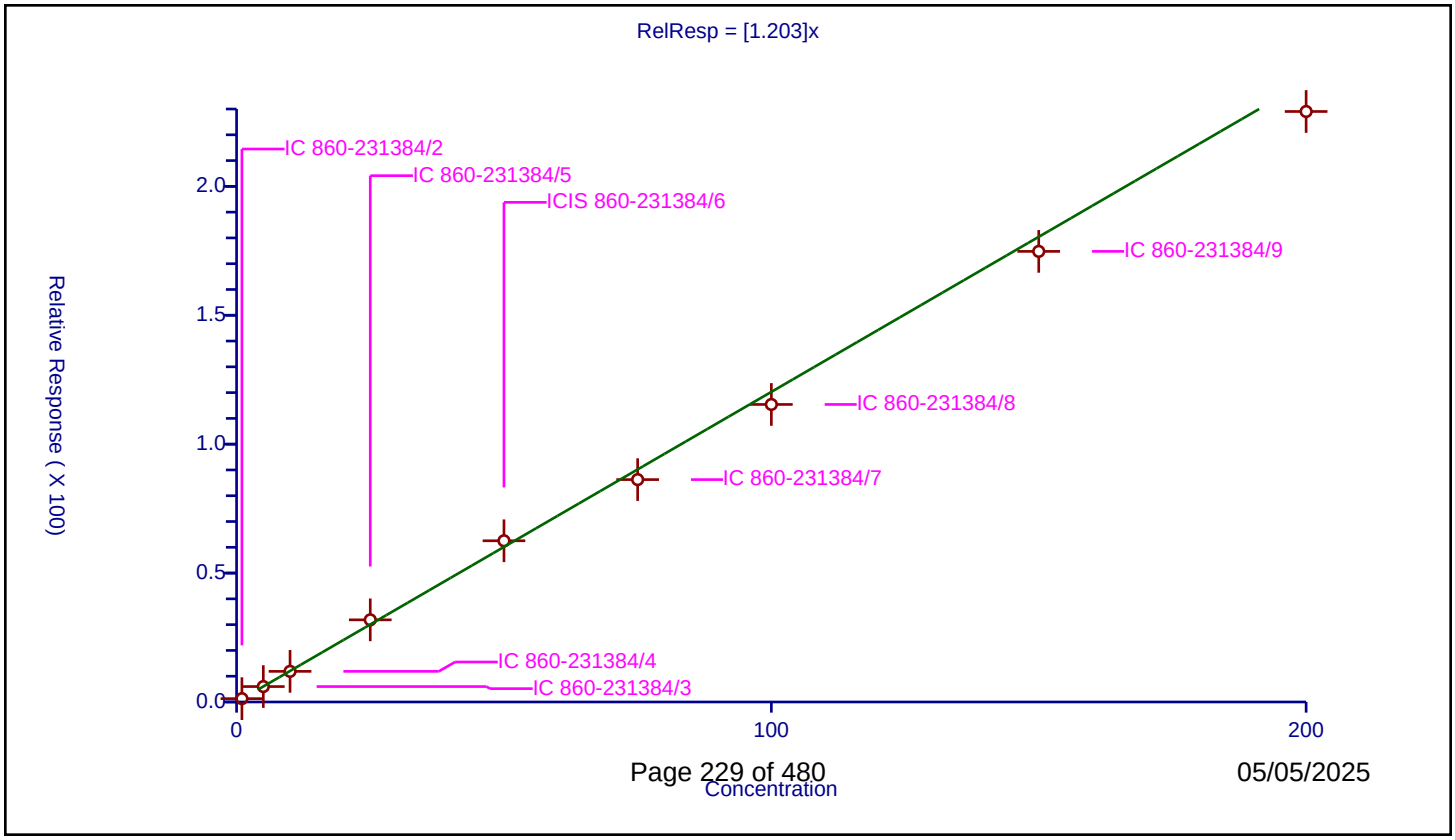
Curve Coefficients

Intercept:	0
Slope:	1.203

Error Coefficients

Relative Standard Deviation:	4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	1.300374	50.0	171989.0	1.300374	Y
2	IC 860-231384/3	5.0	5.986843	50.0	168578.0	1.197369	Y
3	IC 860-231384/4	10.0	11.881292	50.0	171648.0	1.188129	Y
4	IC 860-231384/5	25.0	31.858024	50.0	180030.0	1.274321	Y
5	ICIS 860-231384/6	50.0	62.528278	50.0	188749.0	1.250566	Y
6	IC 860-231384/7	75.0	86.263163	50.0	200461.0	1.150176	Y
7	IC 860-231384/8	100.0	115.40317	50.0	199407.0	1.154032	Y
8	IC 860-231384/9	150.0	174.773362	50.0	202415.0	1.165156	Y
9	IC 860-231384/10	200.0	229.037461	50.0	206132.0	1.145187	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

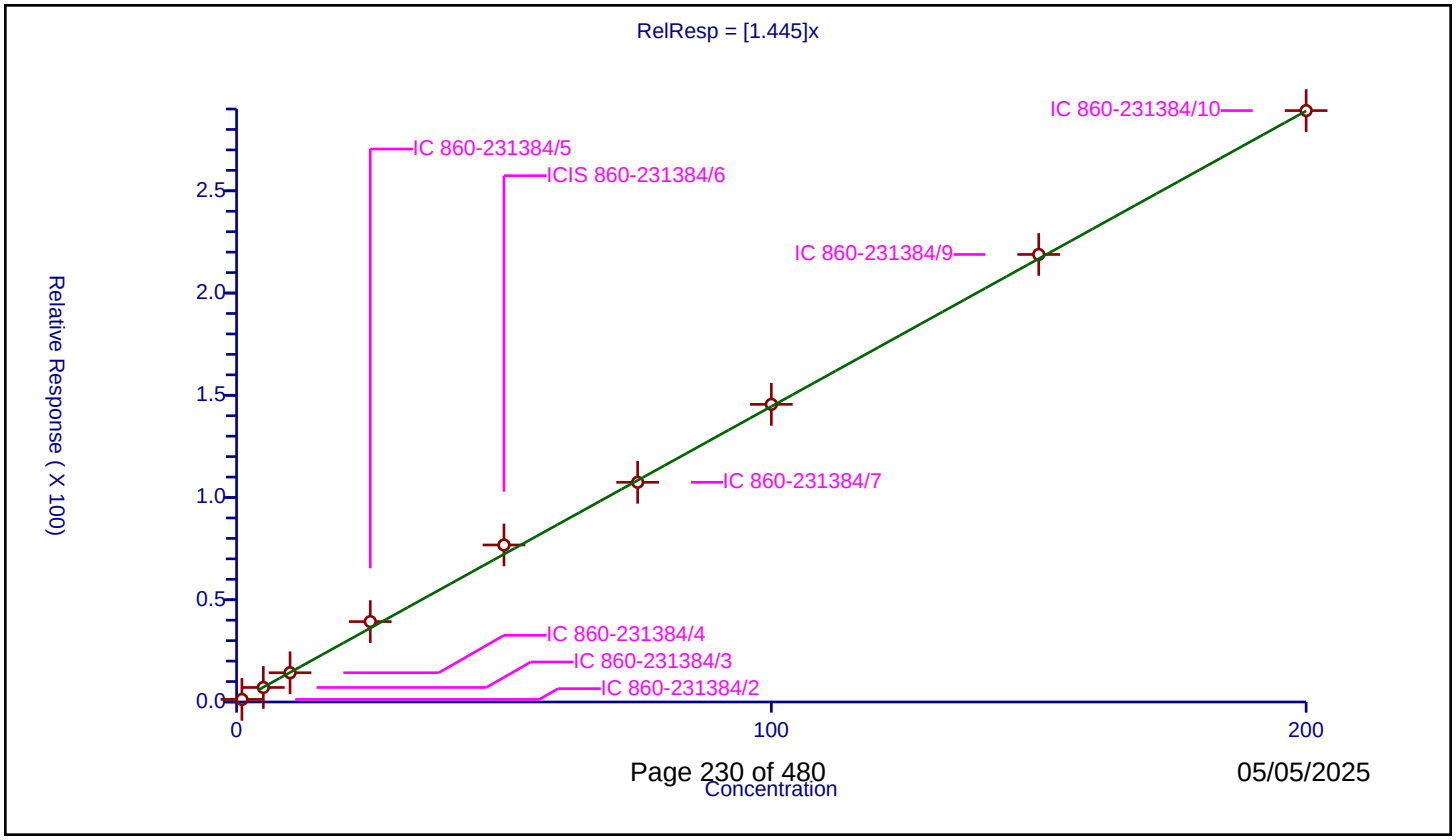
Curve Coefficients

Intercept:	0
Slope:	1.445

Error Coefficients

Relative Standard Deviation:	6.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	1.254731	50.0	171989.0	1.254731	Y
2	IC 860-231384/3	5.0	7.104723	50.0	168578.0	1.420945	Y
3	IC 860-231384/4	10.0	14.304565	50.0	171648.0	1.430457	Y
4	IC 860-231384/5	25.0	39.314559	50.0	180030.0	1.572582	Y
5	ICIS 860-231384/6	50.0	76.780274	50.0	188749.0	1.535605	Y
6	IC 860-231384/7	75.0	107.446336	50.0	200461.0	1.432618	Y
7	IC 860-231384/8	100.0	145.569865	50.0	199407.0	1.455699	Y
8	IC 860-231384/9	150.0	218.865203	50.0	202415.0	1.459101	Y
9	IC 860-231384/10	200.0	289.231657	50.0	206132.0	1.446158	Y



Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

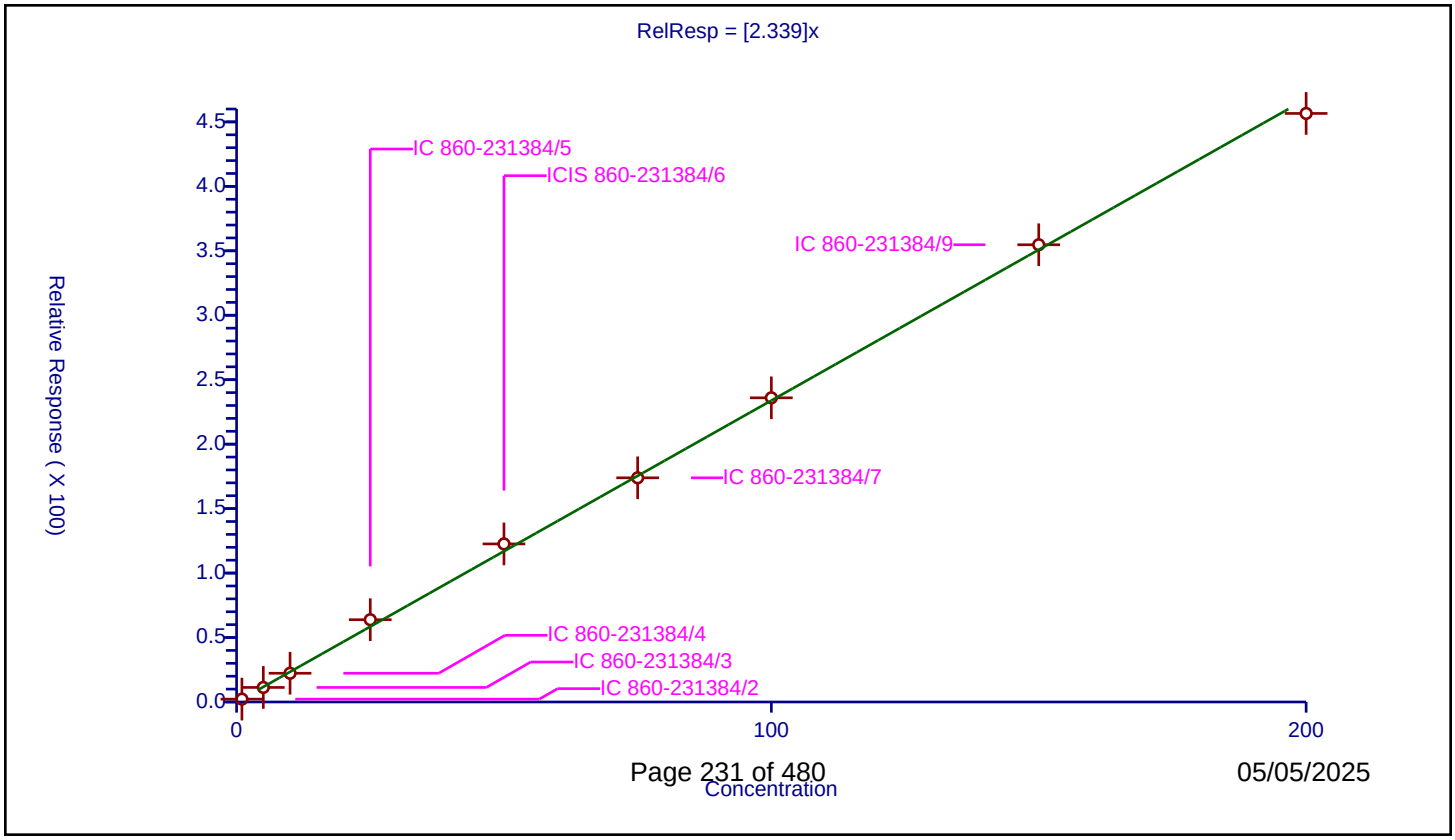
Curve Coefficients

Intercept:	0
Slope:	2.339

Error Coefficients

Relative Standard Deviation:	4.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	2.231247	50.0	171989.0	2.231247	Y
2	IC 860-231384/3	5.0	11.279645	50.0	168578.0	2.255929	Y
3	IC 860-231384/4	10.0	22.297959	50.0	171648.0	2.229796	Y
4	IC 860-231384/5	25.0	63.838805	50.0	180030.0	2.553552	Y
5	ICIS 860-231384/6	50.0	122.622901	50.0	188749.0	2.452458	Y
6	IC 860-231384/7	75.0	173.90041	50.0	200461.0	2.318672	Y
7	IC 860-231384/8	100.0	235.960623	50.0	199407.0	2.359606	Y
8	IC 860-231384/9	150.0	354.708149	50.0	202415.0	2.364721	Y
9	IC 860-231384/10	200.0	456.566181	50.0	206132.0	2.282831	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

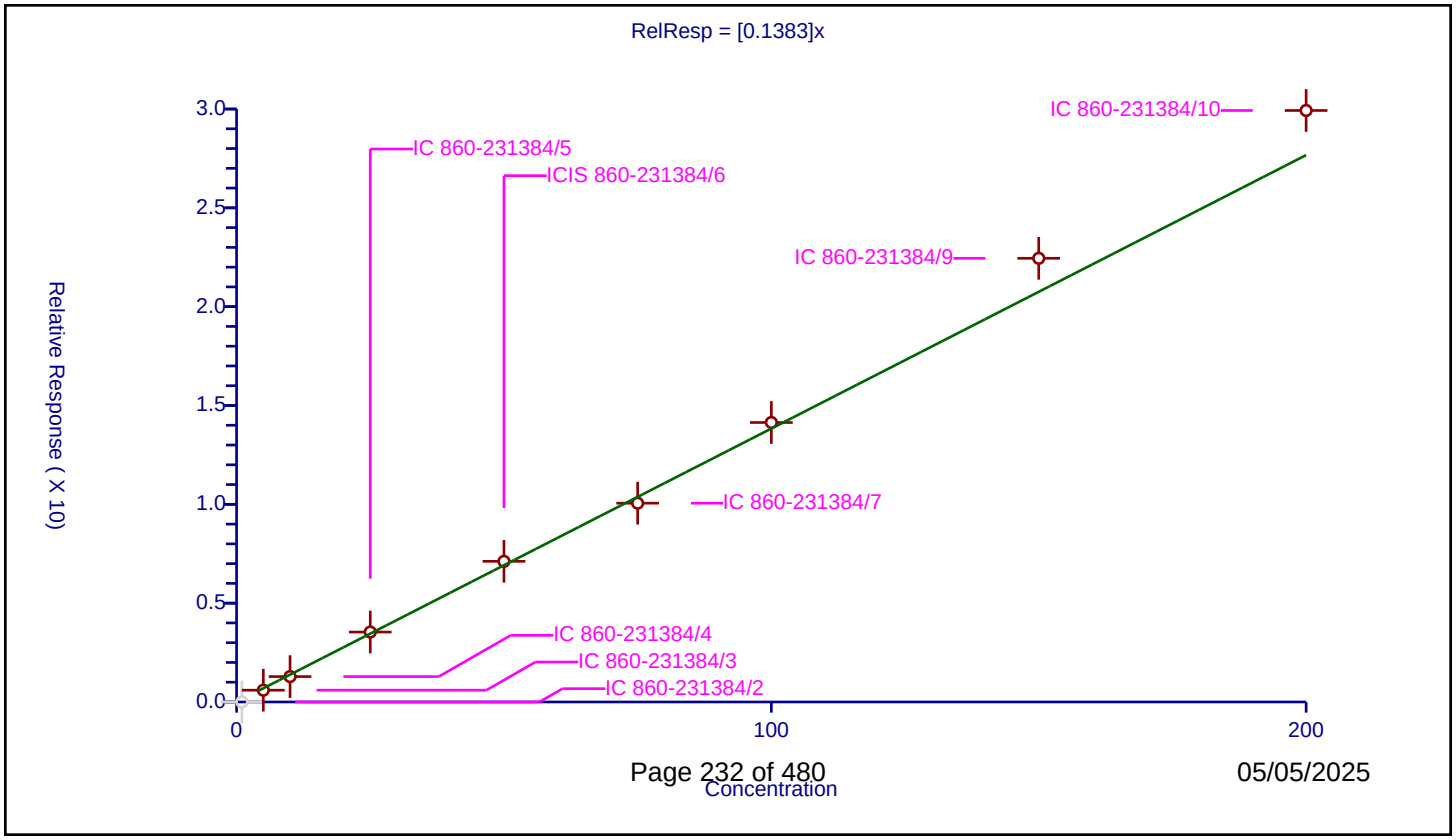
Curve Coefficients

Intercept:	0
Slope:	0.1383

Error Coefficients

Relative Standard Deviation:	7.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	0.0	50.0	171989.0	0.0	N
2	IC 860-231384/3	5.0	0.597646	50.0	168578.0	0.119529	Y
3	IC 860-231384/4	10.0	1.28548	50.0	171648.0	0.128548	Y
4	IC 860-231384/5	25.0	3.538299	50.0	180030.0	0.141532	Y
5	ICIS 860-231384/6	50.0	7.116594	50.0	188749.0	0.142332	Y
6	IC 860-231384/7	75.0	10.058316	50.0	200461.0	0.134111	Y
7	IC 860-231384/8	100.0	14.139674	50.0	199407.0	0.141397	Y
8	IC 860-231384/9	150.0	22.446953	50.0	202415.0	0.149646	Y
9	IC 860-231384/10	200.0	29.925727	50.0	206132.0	0.149629	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

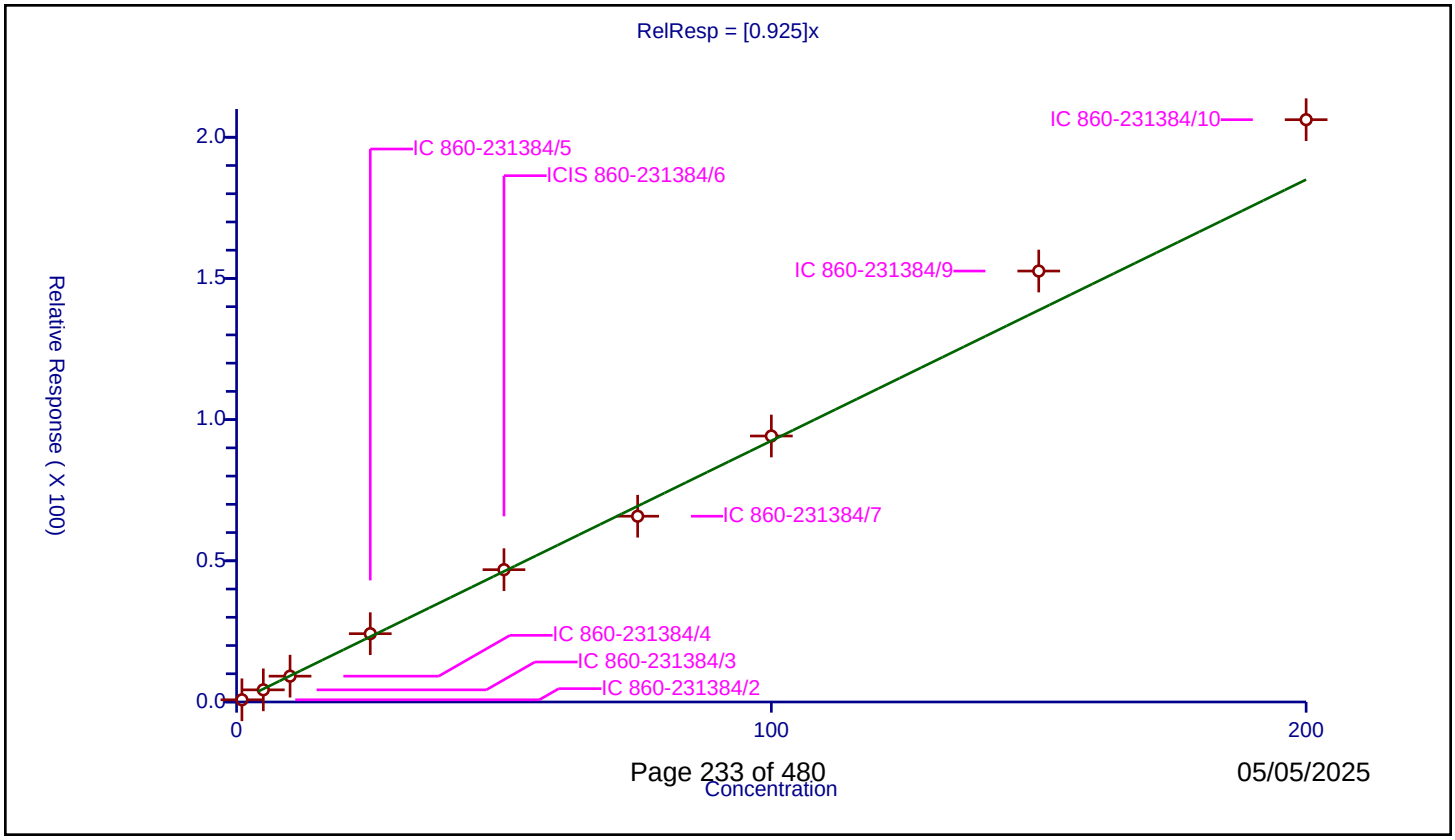
Curve Coefficients

Intercept:	0
Slope:	0.925

Error Coefficients

Relative Standard Deviation:	8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	0.776503	50.0	171989.0	0.776503	Y
2	IC 860-231384/3	5.0	4.306315	50.0	168578.0	0.861263	Y
3	IC 860-231384/4	10.0	9.14983	50.0	171648.0	0.914983	Y
4	IC 860-231384/5	25.0	24.186247	50.0	180030.0	0.96745	Y
5	ICIS 860-231384/6	50.0	46.852169	50.0	188749.0	0.937043	Y
6	IC 860-231384/7	75.0	65.794095	50.0	200461.0	0.877255	Y
7	IC 860-231384/8	100.0	94.198047	50.0	199407.0	0.94198	Y
8	IC 860-231384/9	150.0	152.614184	50.0	202415.0	1.017428	Y
9	IC 860-231384/10	200.0	206.223439	50.0	206132.0	1.031117	Y



Calibration / Hexachlorobutadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

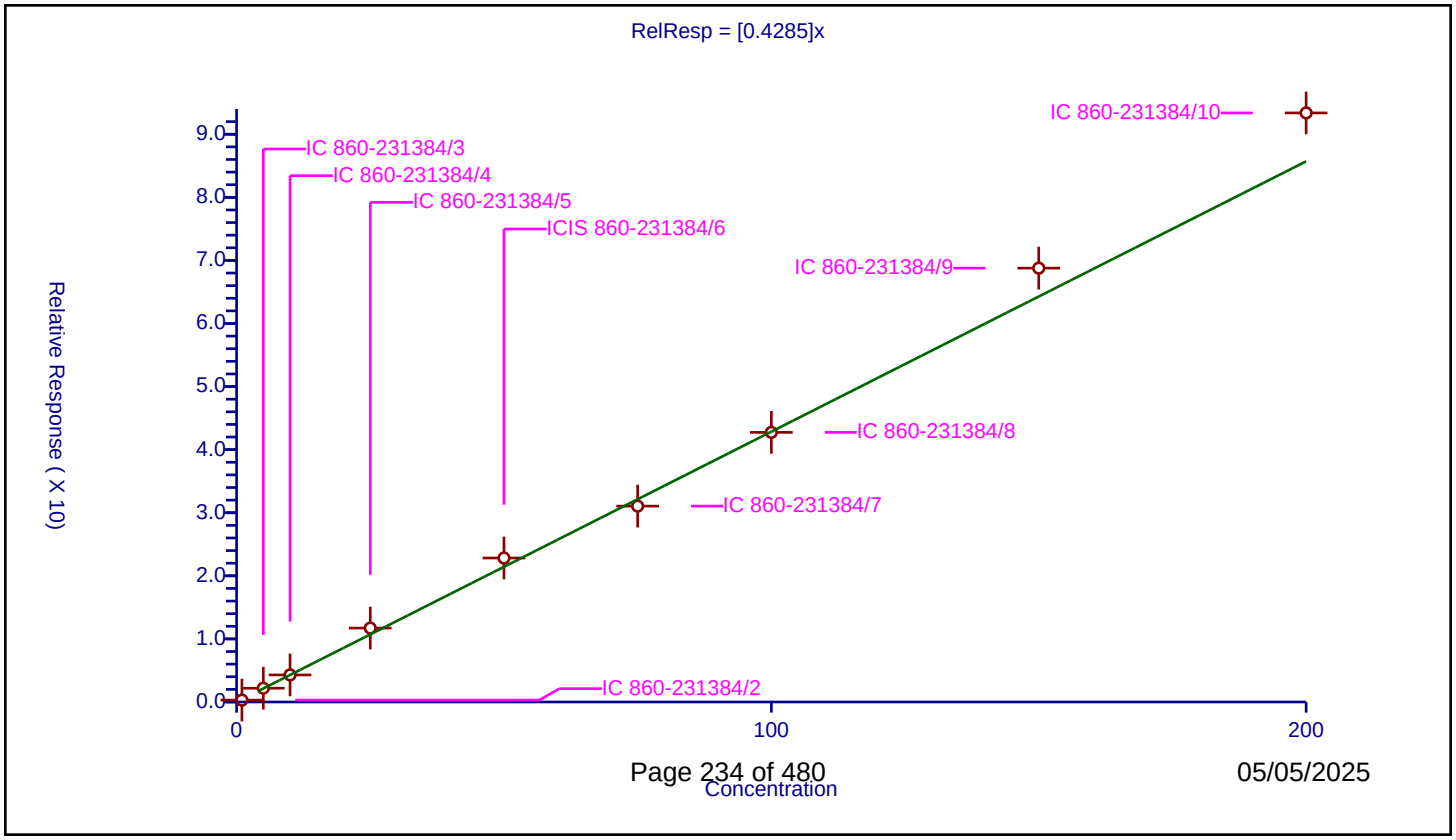
Curve Coefficients

Intercept:	0
Slope:	0.4285

Error Coefficients

Relative Standard Deviation:	12.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	0.298856	50.0	171989.0	0.298856	Y
2	IC 860-231384/3	5.0	2.184449	50.0	168578.0	0.43689	Y
3	IC 860-231384/4	10.0	4.289301	50.0	171648.0	0.42893	Y
4	IC 860-231384/5	25.0	11.71527	50.0	180030.0	0.468611	Y
5	ICIS 860-231384/6	50.0	22.825551	50.0	188749.0	0.456511	Y
6	IC 860-231384/7	75.0	31.050928	50.0	200461.0	0.414012	Y
7	IC 860-231384/8	100.0	42.741478	50.0	199407.0	0.427415	Y
8	IC 860-231384/9	150.0	68.774547	50.0	202415.0	0.458497	Y
9	IC 860-231384/10	200.0	93.378272	50.0	206132.0	0.466891	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

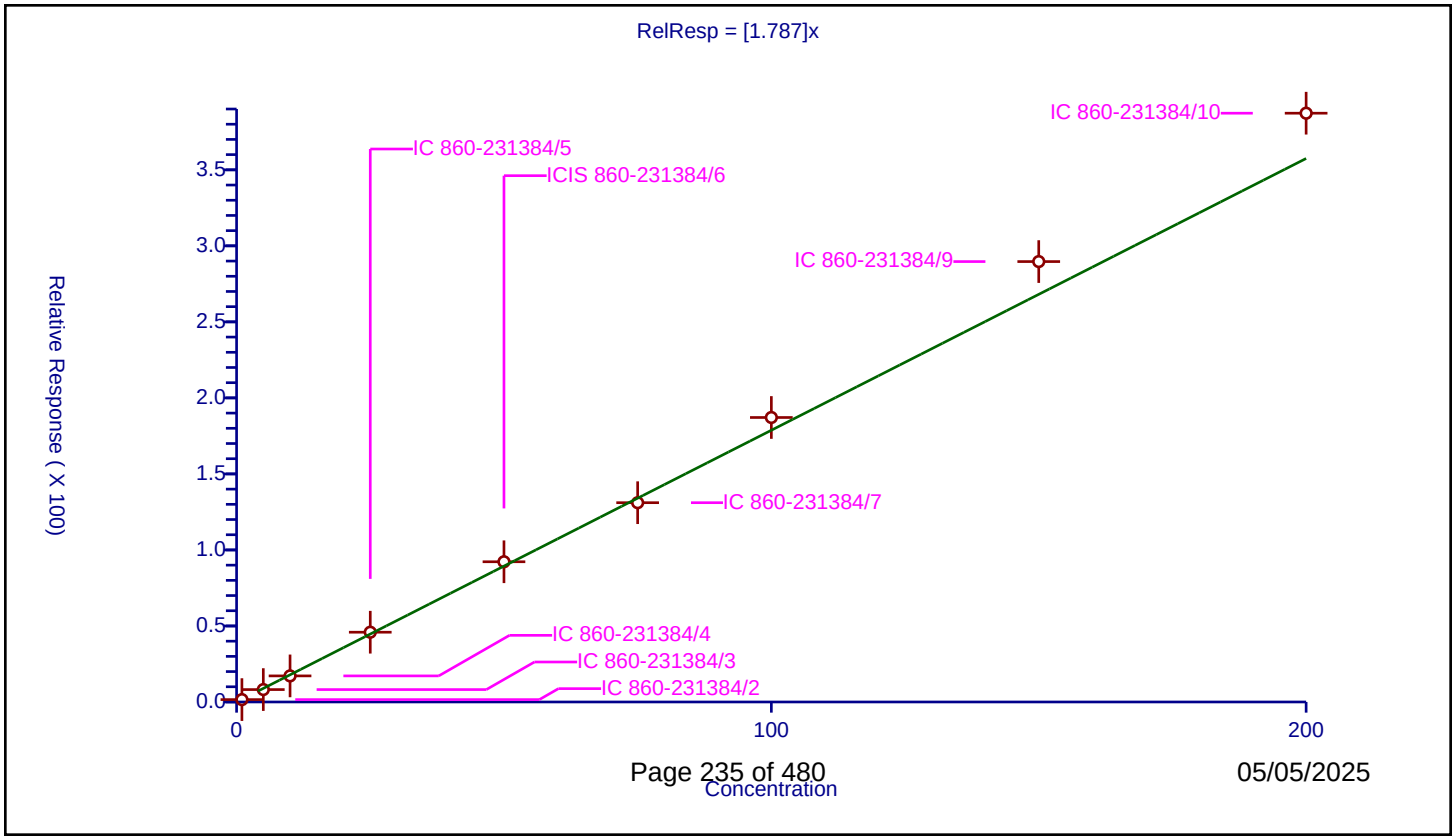
Curve Coefficients

Intercept:	0
Slope:	1.787

Error Coefficients

Relative Standard Deviation:	7.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	1.570449	50.0	171989.0	1.570449	Y
2	IC 860-231384/3	5.0	8.165953	50.0	168578.0	1.633191	Y
3	IC 860-231384/4	10.0	17.16041	50.0	171648.0	1.716041	Y
4	IC 860-231384/5	25.0	45.883186	50.0	180030.0	1.835327	Y
5	ICIS 860-231384/6	50.0	92.223005	50.0	188749.0	1.84446	Y
6	IC 860-231384/7	75.0	131.073376	50.0	200461.0	1.747645	Y
7	IC 860-231384/8	100.0	187.114545	50.0	199407.0	1.871145	Y
8	IC 860-231384/9	150.0	289.666033	50.0	202415.0	1.931107	Y
9	IC 860-231384/10	200.0	387.252828	50.0	206132.0	1.936264	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

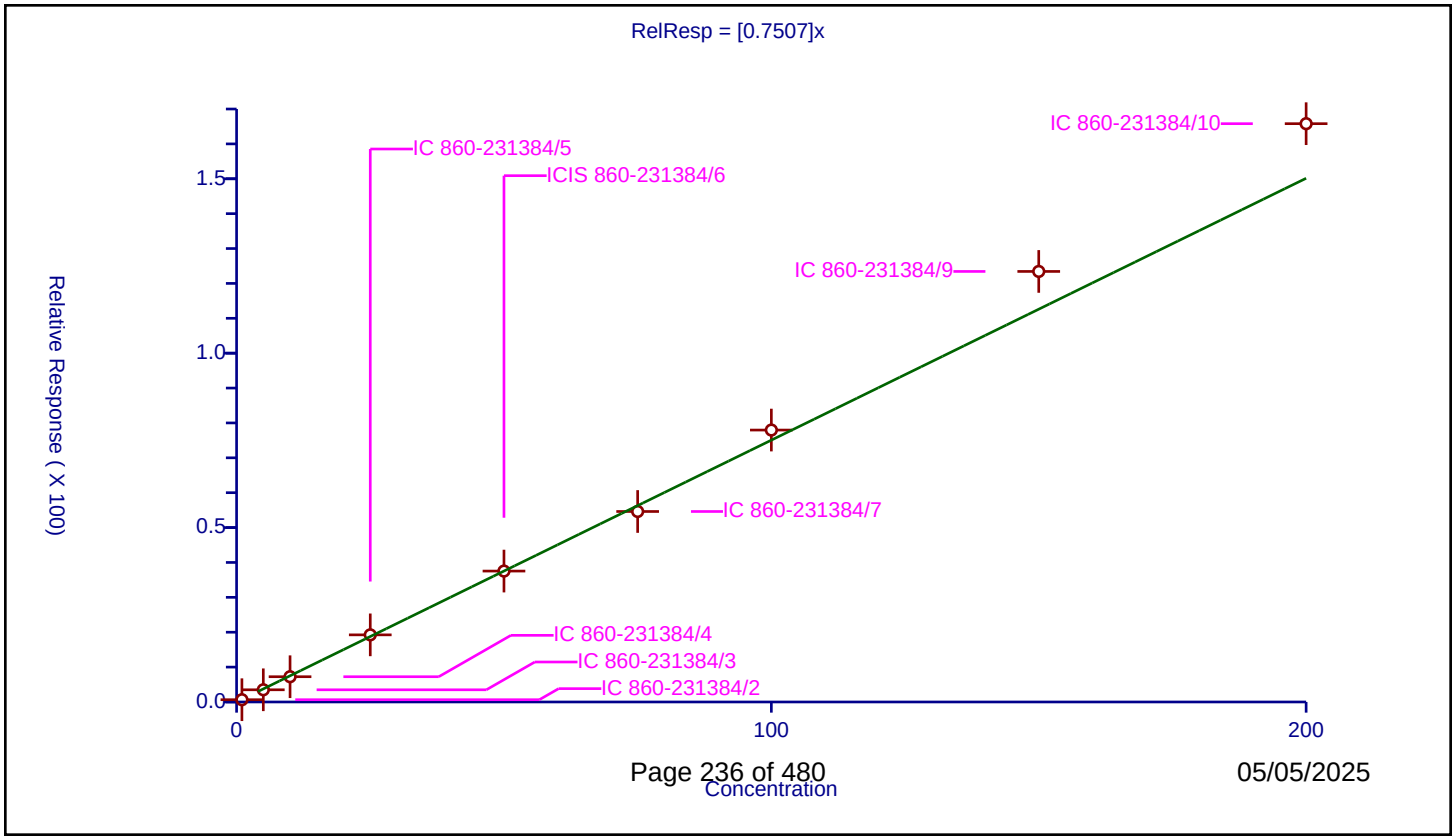
Curve Coefficients

Intercept:	0
Slope:	0.7507

Error Coefficients

Relative Standard Deviation:	7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	0.651786	50.0	171989.0	0.651786	Y
2	IC 860-231384/3	5.0	3.500457	50.0	168578.0	0.700091	Y
3	IC 860-231384/4	10.0	7.24069	50.0	171648.0	0.724069	Y
4	IC 860-231384/5	25.0	19.248459	50.0	180030.0	0.769938	Y
5	ICIS 860-231384/6	50.0	37.536623	50.0	188749.0	0.750732	Y
6	IC 860-231384/7	75.0	54.615112	50.0	200461.0	0.728201	Y
7	IC 860-231384/8	100.0	77.96291	50.0	199407.0	0.779629	Y
8	IC 860-231384/9	150.0	123.435269	50.0	202415.0	0.822902	Y
9	IC 860-231384/10	200.0	165.79255	50.0	206132.0	0.828963	Y



Calibration / 2-Methylnaphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

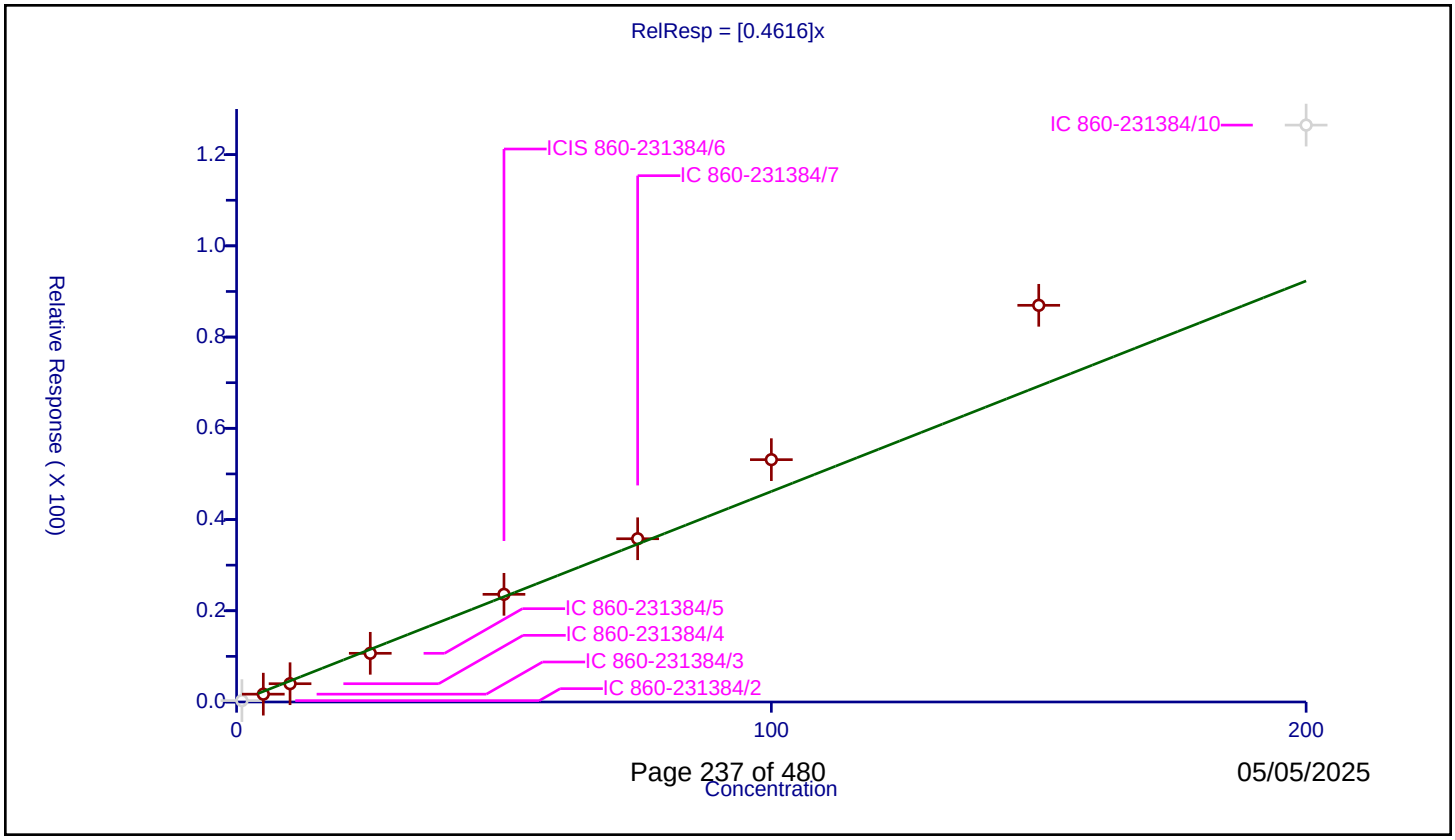
Curve Coefficients

Intercept:	0
Slope:	0.4616

Error Coefficients

Relative Standard Deviation:	17.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	0.302345	50.0	171989.0	0.302345	N
2	IC 860-231384/3	5.0	1.713154	50.0	168578.0	0.342631	Y
3	IC 860-231384/4	10.0	4.009659	50.0	171648.0	0.400966	Y
4	IC 860-231384/5	25.0	10.673777	50.0	180030.0	0.426951	Y
5	ICIS 860-231384/6	50.0	23.604363	50.0	188749.0	0.472087	Y
6	IC 860-231384/7	75.0	35.790004	50.0	200461.0	0.4772	Y
7	IC 860-231384/8	100.0	53.125517	50.0	199407.0	0.531255	Y
8	IC 860-231384/9	150.0	86.964899	50.0	202415.0	0.579766	Y
9	IC 860-231384/10	200.0	126.474541	50.0	206132.0	0.632373	N



Calibration / 1-Methylnaphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

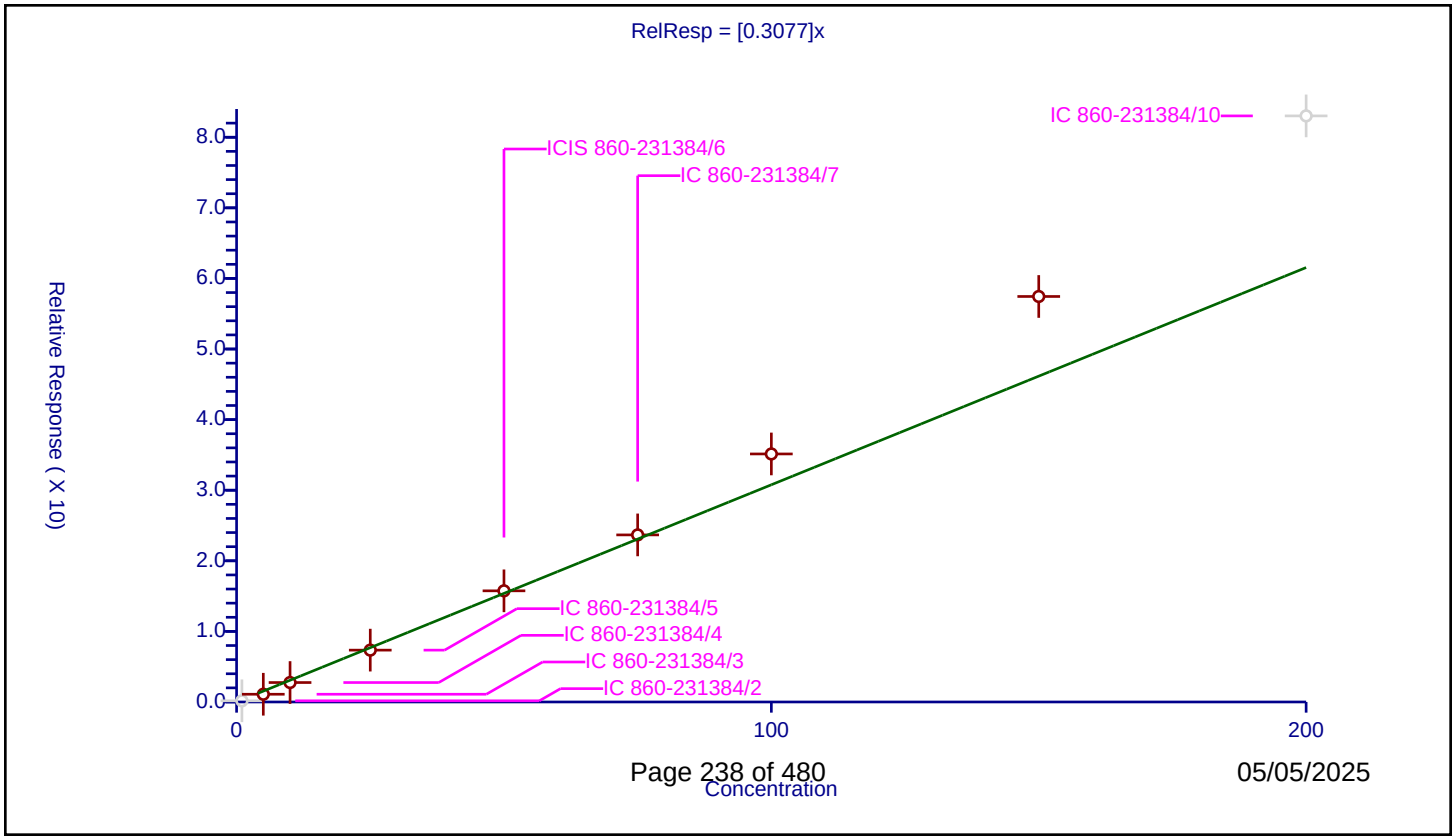
Curve Coefficients

Intercept:	0
Slope:	0.3077

Error Coefficients

Relative Standard Deviation:	17.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-231384/2	1.0	0.169488	50.0	171989.0	0.169488	N
2	IC 860-231384/3	5.0	1.097711	50.0	168578.0	0.219542	Y
3	IC 860-231384/4	10.0	2.757387	50.0	171648.0	0.275739	Y
4	IC 860-231384/5	25.0	7.346553	50.0	180030.0	0.293862	Y
5	ICIS 860-231384/6	50.0	15.748163	50.0	188749.0	0.314963	Y
6	IC 860-231384/7	75.0	23.668694	50.0	200461.0	0.315583	Y
7	IC 860-231384/8	100.0	35.135427	50.0	199407.0	0.351354	Y
8	IC 860-231384/9	150.0	57.442136	50.0	202415.0	0.382948	Y
9	IC 860-231384/10	200.0	83.024712	50.0	206132.0	0.415124	N



FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Houston Job No.: 860-99120-1 Analy Batch No.: 232019

SDG No.:

Instrument ID: A45 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/28/2025 16:48 Calibration End Date: 04/28/2025 19:32 Calibration ID: 9508

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-232019/2	A042825014.D
Level 2	IC 860-232019/3	A042825015.D
Level 3	IC 860-232019/4	A042825016.D
Level 4	IC 860-232019/5	A042825017.D
Level 5	ICIS 860-232019/6	A042825018.D
Level 6	IC 860-232019/7	A042825019.D
Level 7	IC 860-232019/8	A042825020.D
Level 8	IC 860-232019/9	A042825021.D
Level 9	IC 860-232019/10	A042825022.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Propene	0.7307 0.5145	0.6883 0.5062	0.5839 0.4776	0.5178 +++++	0.6378	Ave		0.5821				16.1		20.0			
Dichlorodifluoromethane	0.3552 0.5085	0.6059 0.5880	0.5329 0.5367	0.4630 0.5040	0.6048	Ave		0.5221				15.2		20.0			
Chloromethane	1.3017 1.3711	1.3917 1.4167	1.4582 1.3339	1.2882 1.2264	1.4162	Ave		1.3560				5.5		20.0			
Vinyl chloride	0.4757 0.5895	0.4481 0.6443	0.5298 0.6504	0.4787 0.6594	0.6102	Ave		0.5651				14.7		20.0			
Ethylene oxide	0.0782 0.0759	0.0931 0.0709	0.0938 0.0627	0.0681 0.0501	0.0820	Ave		0.0750				18.7		20.0			
Bromomethane	0.3230 0.3384	0.3963 0.3506	0.3606 0.3532	0.3268 0.3256	0.3383	Ave		0.3459				6.7		20.0			
Chloroethane	0.2955 0.3736	0.3117 0.3938	0.2820 0.3949	0.3248 0.3804	0.3593	Ave		0.3462				12.5		20.0			
Dichlorofluoromethane	0.7791 1.0312	0.8224 1.0779	1.0139 1.1229	0.9438 1.0976	1.0725	Ave		0.9957				12.3		20.0			
Trichlorofluoromethane	0.1547 0.1290	0.1596 0.1386	0.1733 0.1627	0.1296 0.1903	0.1532	Ave		0.1545				13.0		20.0			
Diethyl ether	0.2193 0.1478	0.1605 0.1914	0.1828 0.2023	0.1456 0.1954	0.2051	Ave		0.1834				14.4		20.0			
Acrolein	0.0300 0.0218	0.0205 0.0213	0.0247 0.0240	0.0219 0.0266	0.0234	Ave		0.0238				12.6		20.0			
1,1-Dichloroethene	0.1175 0.1082	0.1171 0.1056	0.0909 0.1140	0.1112 0.1201	0.1165	Ave		0.1112				8.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Houston Job No.: 860-99120-1 Analy Batch No.: 232019

SDG No.:

Instrument ID: A45 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/28/2025 16:48 Calibration End Date: 04/28/2025 19:32 Calibration ID: 9508

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0945 0.1141	0.1042 0.1146	0.0892 0.1184	0.1009 0.1140	0.1113	Ave		0.1068				9.5		20.0			
Acetone	0.0178 0.0186	0.0261 0.0175	0.0235 0.0242	0.0205 0.0285	0.0180	Ave		0.0216				18.8		20.0			
Iodomethane (Methyl Iodide)	+++++ 0.5899	+++++ 0.5954	0.4215 0.6187	0.4358 0.6101	0.5491	Ave		0.5458				15.2		20.0			
Carbon disulfide	0.4322 0.5391	0.4776 0.5963	0.4143 +++++	0.4261 +++++	0.5077	Ave		0.4848				13.9		20.0			
Isopropyl alcohol	+++++ 0.0183	0.0183 0.0221	0.0156 +++++	0.0134 +++++	0.0155	Ave		0.0172				17.7		20.0			
Acetonitrile	0.0179 0.0247	0.0254 0.0282	0.0242 0.0309	0.0225 0.0317	0.0262	Ave		0.0257				16.5		20.0			
Allyl Chloride (3-Chloropropene)	0.0823 0.0911	0.0541 0.0880	0.0702 0.0875	0.0825 0.0800	0.0925	Ave		0.0809				14.9		20.0			
Methyl acetate	0.1787 0.1596	0.1537 0.1555	0.1355 0.1588	0.1644 0.1789	0.1612	Ave		0.1607				8.2		20.0			
Methylene Chloride	0.4493 0.3936	0.4414 0.3886	0.4025 0.4084	0.3416 0.4081	0.3822	Ave		0.4017				7.9		20.0			
tert-Butyl alcohol	+++++ 0.0325	0.0226 0.0400	0.0213 0.0488	0.0230 +++++	0.0246	Qua	0.0024	0.0168	0.0000216			14.1			0.9990		0.9900
Acrylonitrile	0.1040 0.0971	0.1271 0.1016	0.1137 0.1238	0.0930 0.1405	0.0928	Ave		0.1104				15.3		20.0			
trans-1,2-Dichloroethene	0.1316 0.1644	0.1405 0.1581	0.1706 0.1631	0.1750 +++++	0.1806	Ave		0.1605				10.5		20.0			
MTBE	0.8032 0.8240	1.1243 0.7833	0.9590 0.8551	0.8467 0.8902	0.8473	Ave		0.8815				11.8		20.0			
n-Hexane	0.6135 0.6286	0.6283 0.6380	0.5450 0.6161	0.5399 0.5981	0.6313	Ave		0.6043				6.1		20.0			
1,1-Dichloroethane	0.4587 0.3923	0.4932 0.3688	0.4166 0.3974	0.4046 0.3781	0.4222	Ave		0.4146				9.5		20.0			
Vinyl acetate	1.1197 0.7396	1.0403 0.7867	0.9692 0.9051	0.8374 0.8873	0.7765	Ave		0.8958				14.3		20.0			
Chloroprene	0.6022 0.7373	0.8784 0.7423	0.8429 0.8050	0.7586 0.8180	0.7757	Ave		0.7734				10.3		20.0			
Isopropyl ether	1.7094 1.8156	2.0052 1.9394	1.9851 1.9175	1.7382 1.9722	1.8311	Ave		1.8793				5.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Houston Job No.: 860-99120-1 Analy Batch No.: 232019

SDG No.:

Instrument ID: A45 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/28/2025 16:48 Calibration End Date: 04/28/2025 19:32 Calibration ID: 9508

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Ethyl tert-butyl ether	1.8814 1.8474	1.8647 1.8761	1.7575 2.0158	1.6095 2.0572	1.7911	Ave		1.8556				7.2		20.0			
2,2-Dichloropropane	0.6067 0.4608	0.5101 0.4981	0.4089 0.5802	0.4227 0.5612	0.4407	Ave		0.4988				14.4		20.0			
cis-1,2-Dichloroethene	0.4194 0.4736	0.6399 0.4499	0.5512 0.4751	0.4557 0.4617	0.4875	Ave		0.4904				13.5		20.0			
2-Butanone	0.0406 0.0370	0.0403 0.0442	0.0420 0.0535	0.0354 0.0622	0.0386	Ave		0.0438				19.8		20.0			
Propane Nitrile (Propionitrile)	0.0742 0.0588	0.0634 0.0639	0.0510 0.0802	0.0489 +++++	0.0558	Ave		0.0620				17.5		20.0			
Ethyl acetate	0.8182 0.5608	0.6955 0.5725	0.6279 0.6539	0.5415 0.7504	0.5562	Ave		0.6419				15.1		20.0			
Methacrylonitrile	0.1866 0.1645	0.1885 0.1698	0.1871 0.1941	0.1491 0.2112	0.1574	Ave		0.1787				11.1		20.0			
Bromochloromethane	0.1274 0.1286	0.1475 0.1248	0.1401 0.1451	0.1219 0.1582	0.1329	Ave		0.1363				8.9		20.0			
Tetrahydrofuran	+++++ 0.1175	0.1119 0.1150	0.1169 0.1318	0.0892 0.1505	0.1171	Ave		0.1188				14.7		20.0			
Chloroform	0.6280 0.4614	0.6188 0.4197	0.5196 0.4361	0.4625 0.4321	0.4726	Ave		0.4945				15.9		20.0			
1,1,1-Trichloroethane	0.6074 0.5107	0.6427 0.5446	0.5879 0.6528	0.4984 0.6492	0.5168	Ave		0.5789				10.8		20.0			
Cyclohexane	+++++ 0.4065	0.6779 0.4116	0.5704 0.4689	0.4406 0.5028	0.4477	Ave		0.4908				18.8		20.0			
1,1-Dichloropropene	0.8066 0.5882	0.6450 0.5933	0.6016 0.6193	0.5312 0.6289	0.6169	Ave		0.6257				12.0		20.0			
Carbon tetrachloride	0.4582 0.4074	0.5130 0.4198	0.4844 0.5029	0.4112 0.5164	0.4166	Ave		0.4589				10.1		20.0			
Benzene	1.6920 1.6374	1.7888 1.5713	1.7025 1.5621	1.5454 1.4725	1.6559	Ave		1.6253				6.0		20.0			
1,2-Dichloroethane	0.6738 0.4475	0.6052 0.4098	0.5170 0.4091	0.4286 +++++	0.4501	Ave		0.4926				20.0		20.0			
n-Butanol	0.0215 0.0245	0.0233 0.0237	0.0282 0.0225	0.0225 0.0214	0.0240	Ave		0.0235				8.7		20.0			
2,2,4-Trimethylpentane	3.5813 3.7022	3.8623 3.8375	3.7537 3.4542	3.6319 3.3986	3.7392	Ave		3.6623				4.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Houston Job No.: 860-99120-1 Analy Batch No.: 232019

SDG No.:

Instrument ID: A45 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/28/2025 16:48 Calibration End Date: 04/28/2025 19:32 Calibration ID: 9508

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Tert-amyl methyl ether	1.0925 1.0545	1.1203 1.0765	0.9914 1.1633	0.9567 1.2110	1.0314	Ave		1.0775				7.5		20.0			
Trichloroethene	0.3324 0.3221	0.3471 0.3137	0.3390 0.3116	0.2959 0.3044	0.3220	Ave		0.3209				5.2		20.0			
Methylcyclohexane	0.5857 0.6098	0.5755 0.5990	0.5170 0.5777	0.5591 0.5565	0.5943	Ave		0.5749				4.9		20.0			
Ethyl acrylate	2.3018 1.6805	2.0066 1.7535	2.1067 1.5893	1.6581 1.5111	1.7776	Ave		1.8206				14.4		20.0			
1,2-Dichloropropane	0.4861 0.4076	0.4842 0.3913	0.4369 0.4007	0.3963 0.4123	0.4057	Ave		0.4246				8.6		20.0			
Dibromomethane	0.2308 0.1438	0.1805 0.1281	0.1610 0.1347	0.1439 0.1333	0.1429	Lin1	0.1365	0.1343				13.5			0.9980		0.9950
Methyl methacrylate	+++++ 0.3130	0.2617 0.3194	0.2508 0.3711	0.2370 0.3825	0.2841	Ave		0.3024				17.9		20.0			
1,4-Dioxane (P-Dioxane)	+++++ 0.0035	0.0025 0.0035	0.0030 0.0031	0.0029 0.0031	0.0033	Ave		0.0031				11.1		20.0			
Bromodichloromethane	0.4650 0.3554	0.4171 0.3529	0.3814 0.4122	0.3305 0.4345	0.3521	Ave		0.3890				11.7		20.0			
2-Nitropropane	+++++ 0.1196	0.0580 0.1156	0.0832 0.1398	0.0719 0.1486	0.1118	Qua	-0.7255	0.1013	0.0001247			16.4			0.9980		0.9900
2-Chloroethyl vinyl ether	+++++ 0.2868	0.1574 0.2969	0.1987 0.3451	0.1983 +++++	0.2494	Qua	-0.5000	0.2197	0.0008575			9.6			0.9990		0.9900
Epichlorohydrin	+++++ 0.0433	0.0240 0.0439	0.0327 +++++	0.0327 +++++	0.0396	Lin1	-1.221	0.0438				9.3			0.9950		0.9950
cis-1,3-Dichloropropene	0.3708 0.5478	0.5081 0.5287	0.5276 0.5769	0.4745 0.6117	0.5218	Ave		0.5187				13.1		20.0			
4-Methyl-2-pentanone	0.4436 0.5573	0.4775 0.5958	0.4814 0.6638	0.4514 0.6123	0.5129	Ave		0.5329				14.6		20.0			
Toluene	1.3553 1.3928	1.5960 1.3471	1.4503 1.3256	1.3273 1.2719	1.3932	Ave		1.3844				6.8		20.0			
trans-1,3-Dichloropropene	+++++ 0.5913	0.5030 0.6148	0.4799 0.7010	0.4985 0.7635	0.5659	Ave		0.5897				17.2		20.0			
Ethyl methacrylate	+++++ 0.5948	0.4448 0.6340	0.4437 0.7073	0.4443 +++++	0.5520	Ave		0.5459				19.4		20.0			
1,1,2-Trichloroethane	0.2952 0.2600	0.3071 0.2602	0.2974 0.2930	0.2423 0.3232	0.2531	Ave		0.2813				9.9		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Houston Job No.: 860-99120-1 Analy Batch No.: 232019

SDG No.:

Instrument ID: A45 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/28/2025 16:48 Calibration End Date: 04/28/2025 19:32 Calibration ID: 9508

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Tetrachloroethene	0.3194 0.4054	0.4560 0.3998	0.4226 0.3917	0.3937 0.3791	0.4123	Ave		0.3978				9.2		20.0			
1,3-Dichloropropane	0.6265 0.6283	0.6944 0.6393	0.6711 0.7069	0.5792 0.7644	0.6116	Ave		0.6580				8.6		20.0			
2-Hexanone	+++++ 0.3884	+++++ 0.4235	0.3090 0.4461	0.2670 0.4100	0.3434	Ave		0.3697				17.7		20.0			
Dibromochloromethane	0.3823 0.3255	0.2806 0.3373	0.2979 0.3903	0.2718 0.4374	0.3086	Ave		0.3369				16.6		20.0			
1,2-Dibromoethane	0.2231 0.3348	0.3402 0.3519	0.3379 0.3858	0.2852 0.4050	0.3212	Ave		0.3317				16.1		20.0			
1-Chlorohexane	+++++ 0.7526	0.8814 0.7272	0.7603 0.6930	0.7107 0.6699	0.7381	Ave		0.7416				8.6		20.0			
Chlorobenzene	1.4338 1.4178	1.6540 1.3588	1.4488 1.3195	1.3091 1.2601	1.3965	Ave		1.3998				8.2		20.0			
1,1,1,2-Tetrachloroethane	0.3045 0.4216	0.4085 0.4379	0.3985 0.4865	0.3607 0.5002	0.3916	Ave		0.4122				14.6		20.0			
Ethylbenzene	2.8309 2.9023	3.1422 2.7861	2.8474 2.6191	2.7014 2.4391	2.8784	Ave		2.7941				7.0		20.0			
m,p-Xylenes	2.2439 2.3633	2.5438 2.2651	2.2620 2.0961	2.1845 1.9423	2.3643	Ave		2.2517				7.6		20.0			
o-Xylene	2.1168 2.4295	2.4157 2.2820	2.3661 2.1147	2.2175 1.9338	2.3759	Ave		2.2502				7.5		20.0			
Styrene	0.9925 1.6154	1.4707 1.5501	1.5043 1.4465	1.4233 1.3363	1.5536	Ave		1.4325				12.9		20.0			
Bromoform	0.1955 0.2361	0.1833 0.2531	0.1763 +++++	0.1581 +++++	0.1976	Ave		0.2000				16.8		20.0			
Isopropylbenzene	1.9750 2.7189	2.6538 2.5874	2.5598 2.3857	2.5060 2.1892	2.6891	Ave		2.4739				10.1		20.0			
cis-1,4-Dichloro-2-butene	+++++ 0.1282	0.0881 0.1468	0.0740 +++++	0.0845 +++++	0.1098	Qua	-0.012	0.0705	0.0007663			12.3			1.0000		0.9950
Cyclohexanone	0.0186 0.0162	0.0120 0.0160	0.0135 0.0149	0.0126 0.0145	0.0148	Ave		0.0148				13.6		20.0			
1,1,2,2-Tetrachloroethane	1.2740 0.9024	1.0524 0.9455	0.9146 0.9955	0.7892 0.9857	0.7906	Ave		0.9611				15.3		20.0			
Bromobenzene	1.1589 1.1879	1.3651 1.1668	1.2513 1.0931	1.0944 1.0438	1.1120	Ave		1.1637				8.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Houston Job No.: 860-99120-1 Analy Batch No.: 232019

SDG No.:

Instrument ID: A45 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/28/2025 16:48 Calibration End Date: 04/28/2025 19:32 Calibration ID: 9508

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,2,3-Trichloropropane	1.3725 1.2558	1.1505 1.3409	1.0334 1.3791	1.0408 1.3854	1.0963	Ave		1.2283				12.2		20.0			
trans-1,4-Dichloro-2-butene	+++++ 0.3946	0.3416 0.4068	0.3590 0.4437	0.2867 0.4468	0.3343	Ave		0.3767				14.9		20.0			
N-Propylbenzene	5.2167 6.6512	6.6156 6.5715	6.5722 5.9092	6.3232 5.4282	6.4573	Ave		6.1939				8.8		20.0			
2-Chlorotoluene	4.7394 4.0993	4.4312 4.1916	3.7325 3.7239	4.0365 3.5320	4.1691	Ave		4.0728				9.2		20.0			
1,3,5-Trimethylbenzene	4.0138 5.5824	5.3318 5.5599	5.5022 5.0549	5.1951 4.6902	5.4433	Ave		5.1526				10.0		20.0			
4-Ethyltoluene	4.0988 4.6175	4.5316 4.5239	4.3514 4.1983	4.0847 3.9052	4.3025	Ave		4.2904				5.6		20.0			
4-Chlorotoluene	4.0777 4.7430	4.8212 4.7113	4.5151 4.3497	4.6023 4.0439	4.5946	Ave		4.4954				6.3		20.0			
tert-Butylbenzene	2.9382 3.6716	3.7574 3.6327	3.6938 3.2819	3.4560 3.1134	3.6432	Ave		3.4654				8.4		20.0			
1,2,4-Trimethylbenzene	3.4494 4.4454	3.8147 4.5248	3.8032 4.2788	3.6628 4.0552	4.0524	Ave		4.0096				9.0		20.0			
sec-Butylbenzene	4.4497 5.4687	5.3074 5.3917	5.2948 4.9216	5.0727 4.6403	5.2988	Ave		5.0940				7.0		20.0			
1,3-Dichlorobenzene	2.2595 2.1763	2.1723 2.1822	2.1085 2.1134	1.9362 2.0229	2.0608	Ave		2.1147				4.6		20.0			
p-Cymene (p-Isopropyltoluene)	3.2155 4.3045	3.8625 4.3180	3.7675 4.0042	3.6982 3.8132	4.0812	Ave		3.8961				8.7		20.0			
1,4-Dichlorobenzene	2.7953 2.2233	2.2562 2.2248	2.3747 2.1480	2.0315 2.0592	2.0969	Ave		2.2455				10.3		20.0			
Dicyclopentadiene	5.5728 5.5500	5.7744 5.6251	5.3547 5.2877	4.7629 5.0194	5.1850	Ave		5.3480				6.0		20.0			
Benzyl chloride	+++++ 0.1999	0.1284 0.2198	0.1447 +++++	0.1283 +++++	0.1544	Qua	0.1349	0.0986	0.0012208			10.2			0.9980		0.9900
1,2-Dichlorobenzene	2.6118 2.0781	2.2995 2.0731	2.0360 2.0330	1.8189 1.9183	1.9386	Ave		2.0897				11.3		20.0			
n-Butylbenzene	3.2401 4.0912	3.4653 4.1733	3.3710 3.9853	3.2015 3.8018	3.7407	Ave		3.6745				10.0		20.0			
1,2-Dibromo-3-Chloropropane	0.2630 0.2002	0.1883 0.2162	0.1620 0.2219	0.1360 0.2102	0.1678	Ave		0.1962				19.2		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Houston Job No.: 860-99120-1 Analy Batch No.: 232019

SDG No.:

Instrument ID: A45 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/28/2025 16:48 Calibration End Date: 04/28/2025 19:32 Calibration ID: 9508

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,2,4-Trichlorobenzene	2.2156 1.6900	1.6909 1.7075	1.6194 1.5624	1.3418 1.4333	1.5347	Ave		1.6440				15.1		20.0			
Hexachlorobutadiene	1.0376 0.8798	0.8957 0.8924	0.7559 0.8191	0.6682 0.7559	0.7848	Ave		0.8322				13.0		20.0			
Naphthalene	3.4401 3.5538	3.1221 3.5407	3.1630 3.2484	2.9446 3.0052	3.2818	Ave		3.2555				6.8		20.0			
1,2,3-Trichlorobenzene	1.7069 1.4641	1.6933 1.4486	1.5103 1.2953	1.3111 1.2155	1.3838	Ave		1.4477				11.8		20.0			
2-Methylnaphthalene	+++++ 1.4208	0.9183 1.4341	0.9724 1.3316	1.0645 1.3754	1.3064	Ave		1.2279				17.0		20.0			
1-Methylnaphthalene	1.0368 1.1306	0.8452 1.1347	0.9213 1.0455	0.9274 1.0811	1.0738	Ave		1.0218				9.9		20.0			
Dibromofluoromethane (Surr)	0.2047 0.1628	0.1920 0.1585	0.1866 0.1698	0.1785 0.1728	0.1789	Ave		0.1783				8.2		20.0			
1,2-Dichloroethane-d4 (Surr)	0.3425 0.2655	0.3188 0.2569	0.3005 0.2756	0.2641 0.2758	0.2659	Ave		0.2851				10.3		20.0			
Toluene-d8 (Surr)	1.3960 1.4138	1.4555 1.4039	1.4754 1.3768	1.4719 1.3781	1.4546	Ave		1.4251				2.8		20.0			
4-Bromofluorobenzene (Surr)	1.0484 1.1180	1.1348 1.1300	1.0909 1.0702	1.1295 1.0555	1.0751	Ave		1.0947				3.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI

GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA

RESPONSE AND CONCENTRATION

Lab Name: Eurofins Houston Job No.: 860-99120-1 Analy Batch No.: 232019

SDG No.:

Instrument ID: A45 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/28/2025 16:48 Calibration End Date: 04/28/2025 19:32 Calibration ID: 9508

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-232019/2	A042825014.D
Level 2	IC 860-232019/3	A042825015.D
Level 3	IC 860-232019/4	A042825016.D
Level 4	IC 860-232019/5	A042825017.D
Level 5	ICIS 860-232019/6	A042825018.D
Level 6	IC 860-232019/7	A042825019.D
Level 7	IC 860-232019/8	A042825020.D
Level 8	IC 860-232019/9	A042825021.D
Level 9	IC 860-232019/10	A042825022.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Propene	PFB	Ave	3425 201118	16944 274125	28922 407112	66287 +++++	160338	1.00 75.0	5.00 100	10.0 150	25.0 +++++	50.0
Dichlorodifluoromethane	PFB	Ave	1665 198753	14916 318437	26396 457568	59275 616020	152044	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
Chloromethane	PFB	Ave	6102 535911	34260 767246	72227 1137140	164920 1498881	356008	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
Vinyl chloride	PFB	Ave	2230 230432	11031 348924	26239 554456	61293 805993	153388	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
Ethylene oxide	PFB	Ave	3664 296735	22914 384017	46483 534234	87243 612128	206085	10.0 750	50.0 1000	100 1500	250 2000	500
Bromomethane	PFB	Ave	1514 132255	9756 189883	17860 301100	41839 397908	85047	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
Chloroethane	PFB	Ave	1385 146029	7672 213249	13967 336649	41589 464935	90318	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
Dichlorofluoromethane	PFB	Ave	3652 403086	20244 583748	50221 957216	120832 1341505	269614	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
Trichlorofluoromethane	PFB	Ave	725 50424	3929 75041	8584 138662	16590 232566	38500	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
Diethyl ether	PFB	Ave	1028 57780	3951 103637	9052 172447	18644 238822	51561	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
Acrolein	PFB	Ave	702 42583	2527 57678	6129 102285	13995 162835	29387	5.00 375	25.0 500	50.0 750	125 1000	250
1,1-Dichloroethene	PFB	Ave	551 42276	2883 57166	4501 97158	14237 146803	29293	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	PFB	Ave	443 44583	2565 62059	4417 100970	12914 139330	27975	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
Acetone	PFB	Ave	417 36371	3208 47407	5812 103213	13145 174322	22628	5.00 375	25.0 500	50.0 750	125 1000	250

FORM VI

GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA

RESPONSE AND CONCENTRATION

Lab Name: Eurofins Houston Job No.: 860-99120-1 Analy Batch No.: 232019

SDG No.:

Instrument ID: A45 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/28/2025 16:48 Calibration End Date: 04/28/2025 19:32 Calibration ID: 9508

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Iodomethane (Methyl Iodide)	PFB	Ave	+++++ 230562	+++++ 322477	20876 527420	55794 745681	138039	+++++ 75.0	+++++ 100	10.0 150	25.0 200	50.0
Carbon disulfide	PFB	Ave	2026 210734	11757 322924	20521 +++++	54552 +++++	127636	1.00 75.0	5.00 100	10.0 +++++	25.0 +++++	50.0
Isopropyl alcohol	PFB	Ave	+++++ 71661	4505 119445	7714 +++++	17159 +++++	38937	+++++ 750	50.0 1000	100 +++++	250 +++++	500
Acetonitrile	PFB	Ave	840 96635	6253 152684	11995 263767	28749 387040	65849	10.0 750	50.0 1000	100 1500	250 2000	500
Allyl Chloride (3-Chloropropene)	PFB	Ave	386 35605	1333 47683	3477 74569	10558 97819	23255	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
Methyl acetate	PFB	Ave	1675 124766	7566 168449	13425 270823	42088 437272	81036	2.00 150	10.0 200	20.0 300	50.0 400	100
Methylene Chloride	PFB	Ave	2106 153866	10865 210436	19938 348176	43738 498815	96071	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
tert-Butyl alcohol	PFB	Qua	+++++ 127059	5561 216648	10538 416080	29495 +++++	61817	+++++ 750	50.0 1000	100 1500	250 +++++	500
Acrylonitrile	PFB	Ave	4876 379431	31283 550111	56322 1055543	119116 1717356	233312	10.0 750	50.0 1000	100 1500	250 2000	500
trans-1,2-Dichloroethene	PFB	Ave	617 64266	3459 85615	8452 139051	22407 +++++	45392	1.00 75.0	5.00 100	10.0 150	25.0 +++++	50.0
MTBE	PFB	Ave	3765 322090	27678 424242	47499 728971	108406 1088032	212985	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
n-Hexane	PFB	Ave	2876 245706	15466 345514	26994 525248	69116 731073	158688	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
1,1-Dichloroethane	PFB	Ave	2150 153331	12142 199759	20632 338753	51795 462109	106132	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
Vinyl acetate	PFB	Ave	26244 1445524	128046 2130214	240016 3858101	536049 5422427	975941	5.00 375	25.0 500	50.0 750	125 1000	250
Chloroprene	PFB	Ave	2823 288198	21623 402025	41749 686268	97117 999806	194989	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
Isopropyl ether	PFB	Ave	8013 709655	49361 1050354	98321 1634599	222534 2410482	460309	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
Ethyl tert-butyl ether	PFB	Ave	8819 722088	45904 1016072	87049 1718469	206058 2514344	450248	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
2,2-Dichloropropane	PFB	Ave	2844 180101	12558 269737	20251 494623	54121 685877	110779	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
cis-1,2-Dichloroethene	PFB	Ave	1966 185129	15752 243646	27302 405000	58340 564298	122549	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
2-Butanone	PFB	Ave	952 72354	4958 119612	10403 228074	22657 380208	48502	5.00 375	25.0 500	50.0 750	125 1000	250
Propane Nitrile (Propionitrile)	PFB	Ave	3478	15618	25236	62567	140378	10.0	50.0	100	250	500

FORM VI

GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA

RESPONSE AND CONCENTRATION

Lab Name: Eurofins Houston Job No.: 860-99120-1 Analy Batch No.: 232019

SDG No.:

Instrument ID: A45 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/28/2025 16:48 Calibration End Date: 04/28/2025 19:32 Calibration ID: 9508

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			229948	346217	683410	+++++		750	1000	1500	+++++	
Ethyl acetate	PFB	Ave	7671 438420	34243 620122	62199 1114876	138653 1834355	279633	2.00 150	10.0 200	20.0 300	50.0 400	100
Methacrylonitrile	PFB	Ave	8745 643034	46414 919863	92674 1654973	190842 2581349	395572	10.0 750	50.0 1000	100 1500	250 2000	500
Bromochloromethane	PFB	Ave	597 50281	3630 67572	6938 123708	15601 193338	33415	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
Tetrahydrofuran	PFB	Ave	+++++ 91827	5510 124574	11580 224770	22846 367991	58894	+++++ 150	10.0 200	20.0 300	50.0 400	100
Chloroform	PFB	Ave	2944 180351	15232 227312	25737 371757	59218 528140	118794	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
1,1,1-Trichloroethane	PFB	Ave	2847 199605	15821 294956	29121 556499	63808 793422	129904	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
Cyclohexane	PFB	Ave	+++++ 158910	16689 222910	28254 399721	56411 614482	112548	+++++ 75.0	5.00 100	10.0 150	25.0 200	50.0
1,1-Dichloropropene	PFB	Ave	3781 229897	15879 321316	29796 527940	68005 768655	155086	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
Carbon tetrachloride	PFB	Ave	2148 159231	12628 227375	23995 428676	52647 631120	104725	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
Benzene	DFBZ	Ave	9646 817170	53463 1137646	102023 1833839	243298 2552918	527580	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
1,2-Dichloroethane	DFBZ	Ave	3841 223303	18089 296697	30980 480242	67480 +++++	143407	1.00 75.0	5.00 100	10.0 150	25.0 +++++	50.0
n-Butanol	DFBZ	Ave	3046 302927	17296 424656	41858 655807	87685 921780	189759	24.8 1860	124 2480	248 3720	620 4960	1240
2,2,4-Trimethylpentane	DCBd4	Ave	8470 911985	50159 1281372	98872 1933861	252613 2713627	571691	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
Tert-amyl methyl ether	DFBZ	Ave	6228 526242	33483 779368	59412 1365618	150613 2099507	328623	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
Trichloroethene	DFBZ	Ave	1895 160752	10373 227120	20315 365761	46580 527709	102605	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
Methylcyclohexane	DFBZ	Ave	3339 304312	17200 433659	30979 678241	88018 964772	189350	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
Ethyl acrylate	DCBd4	Ave	5444 413964	26060 585512	55491 889778	115330 1206528	271780	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
1,2-Dichloropropane	DFBZ	Ave	2771 203425	14472 283282	26183 470442	62392 714770	129267	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
Dibromomethane	DFBZ	Lin1	1316 71779	5394 92761	9650 158185	22657 231142	45544	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
Methyl methacrylate	DFBZ	Ave	+++++ 312359	15642 462524	30060 871311	74614 1326223	181047	+++++ 150	10.0 200	20.0 300	50.0 400	100

FORM VI

GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA

RESPONSE AND CONCENTRATION

Lab Name: Eurofins Houston Job No.: 860-99120-1 Analy Batch No.: 232019

SDG No.:

Instrument ID: A45 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/28/2025 16:48 Calibration End Date: 04/28/2025 19:32 Calibration ID: 9508

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,4-Dioxane (P-Dioxane)	DFBZ	Ave	+++++ 34990	1465 51061	3628 72353	9265 108715	21244	+++++ 1500	100 2000	200 3000	500 4000	1000
Bromodichloromethane	DFBZ	Ave	2651 177387	12467 255510	22853 483946	52038 753326	112173	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
2-Nitropropane	DFBZ	Qua	+++++ 119377	3467 167335	9967 328322	22642 515146	71273	+++++ 150	10.0 200	20.0 300	50.0 400	100
2-Chloroethyl vinyl ether	DFBZ	Qua	+++++ 143139	4704 214978	11907 405157	31216 +++++	79447	+++++ 75.0	5.00 100	10.0 150	25.0 +++++	50.0
Epichlorohydrin	DFBZ	Lin1	+++++ 216271	7168 317737	19586 +++++	51554 +++++	126319	+++++ 751	50.0 1001	100 +++++	250 +++++	500
cis-1,3-Dichloropropene	DFBZ	Ave	2114 273399	15185 382790	31615 677258	74710 1060588	166236	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
4-Methyl-2-pentanone	DFBZ	Ave	12644 1390562	71348 2156925	144246 3896250	355353 5307963	817098	5.00 375	25.0 500	50.0 750	125 1000	250
Toluene	CBNZd5	Ave	7370 714524	45527 977777	83879 1583515	202353 2163727	437596	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
trans-1,3-Dichloropropene	CBNZd5	Ave	+++++ 303350	14349 446270	27758 837425	75993 1298785	177733	+++++ 75.0	5.00 100	10.0 150	25.0 200	50.0
Ethyl methacrylate	CBNZd5	Ave	+++++ 305127	12688 460185	25663 844975	67739 +++++	173390	+++++ 75.0	5.00 100	10.0 150	25.0 +++++	50.0
1,1,2-Trichloroethane	CBNZd5	Ave	1605 133409	8761 188882	17201 350053	36939 549812	79485	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
Tetrachloroethene	CBNZd5	Ave	1737 207968	13008 290167	24442 467875	60018 644883	129491	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
1,3-Dichloropropane	CBNZd5	Ave	3407 322329	19808 464006	38817 844402	88300 1300341	192107	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
2-Hexanone	CBNZd5	Ave	+++++ 996358	+++++ 1537029	89372 2664557	203537 3487679	539311	+++++ 375	+++++ 500	50.0 750	125 1000	250
Dibromochloromethane	CBNZd5	Ave	2079 166998	8004 244811	17228 466263	41432 744142	96921	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
1,2-Dibromoethane	CBNZd5	Ave	1213 171781	9704 255416	19542 460823	43484 688884	100885	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0

FORM VI

GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA

RESPONSE AND CONCENTRATION

Lab Name: Eurofins Houston Job No.: 860-99120-1 Analy Batch No.: 232019

SDG No.:

Instrument ID: A45 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/28/2025 16:48 Calibration End Date: 04/28/2025 19:32 Calibration ID: 9508

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1-Chlorohexane	CBNZd5	Ave	+++++ 386098	25144 527807	43974 827873	108340 1139547	231828	+++++ 75.0	5.00 100	10.0 150	25.0 200	50.0
Chlorobenzene	CBNZd5	Ave	7797 727350	47183 986288	83792 1576206	199564 2143586	438626	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
1,1,1,2-Tetrachloroethane	CBNZd5	Ave	1656 216306	11654 317866	23049 581114	54984 850906	123011	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
Ethylbenzene	CBNZd5	Ave	15394 1488931	89634 2022230	164683 3128755	411831 4149187	904094	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
m,p-Xylenes	CBNZd5	Ave	12202 1212414	72563 1644106	130825 2504013	333026 3304002	742614	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
o-Xylene	CBNZd5	Ave	11511 1246382	68910 1656321	136851 2526157	338059 3289693	746265	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
Styrene	CBNZd5	Ave	5397 828763	41952 1125116	87007 1727908	216974 2273286	487994	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
Bromoform	CBNZd5	Ave	1063 121147	5229 183706	10197 +++++	24095 +++++	62068	1.00 75.0	5.00 100	10.0 +++++	25.0 +++++	50.0
Isopropylbenzene	CBNZd5	Ave	10740 1394872	75703 1878008	148051 2849851	382032 3724036	844656	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
cis-1,4-Dichloro-2-butene	CBNZd5	Qua	+++++ 65774	2514 106546	4278 +++++	12887 +++++	34499	+++++ 75.0	5.00 100	10.0 +++++	25.0 +++++	50.0
Cyclohexanone	CBNZd5	Ave	5054 416504	17095 581521	39106 888495	95837 1231728	233139	50.0 3750	250 5000	500 7500	1250 10000	2500
1,1,2,2-Tetrachloroethane	DCBd4	Ave	3013 222291	13667 315716	24090 557314	54895 787046	120883	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
Bromobenzene	DCBd4	Ave	2741 292619	17729 389608	32959 611992	76120 833411	170022	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
1,2,3-Trichloropropane	DCBd4	Ave	3246 309345	14941 447751	27219 772077	72388 1106142	167618	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
trans-1,4-Dichloro-2-butene	DCBd4	Ave	+++++ 97196	4436 135820	9456 248412	19942 356746	51117	+++++ 75.0	5.00 100	10.0 150	25.0 200	50.0
N-Propylbenzene	DCBd4	Ave	12338 1638419	85916 2194276	173111 3308292	439802 4334119	987262	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0

FORM VI

GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA

RESPONSE AND CONCENTRATION

Lab Name: Eurofins Houston Job No.: 860-99120-1 Analy Batch No.: 232019

SDG No.:

Instrument ID: A45 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/28/2025 16:48 Calibration End Date: 04/28/2025 19:32 Calibration ID: 9508

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
2-Chlorotoluene	DCBd4	Ave	11209 1009808	57547 1399622	98312 2084840	280751 2820119	637412	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
1,3,5-Trimethylbenzene	DCBd4	Ave	9493 1375146	69244 1856511	144926 2829996	361338 3744845	832226	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
4-Ethyltoluene	DCBd4	Ave	9694 1137452	58851 1510566	114614 2350445	284104 3118091	657815	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
4-Chlorotoluene	DCBd4	Ave	9644 1168376	62612 1573151	118927 2435206	320105 3228872	702468	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
tert-Butylbenzene	DCBd4	Ave	6949 904436	48797 1213007	97295 1837373	240378 2485878	557018	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
1,2,4-Trimethylbenzene	DCBd4	Ave	8158 1095051	49541 1510874	100175 2395531	254758 3237847	619576	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
sec-Butylbenzene	DCBd4	Ave	10524 1347123	68927 1800338	139463 2755389	352823 3705023	810142	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
1,3-Dichlorobenzene	DCBd4	Ave	5344 536097	28211 728659	55538 1183212	134672 1615215	315073	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
p-Cymene (p-Isopropyltoluene)	DCBd4	Ave	7605 1060346	50162 1441815	99235 2241746	257221 3044636	623976	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
1,4-Dichlorobenzene	DCBd4	Ave	6611 547669	29301 742896	62549 1202581	141299 1644145	320600	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
Dicyclopentadiene	DCBd4	Ave	13180 1367149	74991 1878270	141042 2960340	331279 4007703	792746	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
Benzyl chloride	DCBd4	Qua	+++++ 49238	1668 73387	3812 +++++	8921 +++++	23607	+++++ 75.0	5.00 100	10.0 +++++	25.0 +++++	50.0
1,2-Dichlorobenzene	DCBd4	Ave	6177 511907	29863 692219	53627 1138209	126509 1531687	296391	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
n-Butylbenzene	DCBd4	Ave	7663 1007804	45003 1393509	88792 2231178	222673 3035545	571915	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
1,2-Dibromo-3-Chloropropane	DCBd4	Ave	622 49319	2446 72186	4267 124210	9456 167822	25658	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
1,2,4-Trichlorobenzene	DCBd4	Ave	5240 416305	21960 570139	42654 874698	93330 1144421	234648	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
Hexachlorobutadiene	DCBd4	Ave	2454 216728	11633 297985	19909 458594	46479 603517	119982	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
Naphthalene	DCBd4	Ave	8136 875413	40547 1182289	83314 1818650	204810 2399505	501752	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
1,2,3-Trichlorobenzene	DCBd4	Ave	4037 360649	21991 483703	39781 725173	91195 970550	211578	1.00 75.0	5.00 100	10.0 150	25.0 200	50.0
2-Methylnaphthalene	DCBd4	Ave	+++++ 349999	11926 478872	25614 745477	74042 1098208	199731	+++++ 75.0	5.00 100	10.0 150	25.0 200	50.0
1-Methylnaphthalene	DCBd4	Ave	2452	10977	24268	64507	164170	1.00	5.00	10.0	25.0	50.0

FORM VI

GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA

RESPONSE AND CONCENTRATION

Lab Name: Eurofins Houston Job No.: 860-99120-1 Analy Batch No.: 232019

SDG No.:

Instrument ID: A45 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/28/2025 16:48 Calibration End Date: 04/28/2025 19:32 Calibration ID: 9508

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			278497	378900	585335	863191		75.0	100	150	200	
Dibromofluoromethane (Surr)	PFB	Ave	47970 42413	47265 42907	46216 48254	45715 52797	44981	50.0 50.0	50.0 50.0	50.0 50.0	50.0 50.0	50.0
1,2-Dichloroethane-d4 (Surr)	DFBZ	Ave	97630 88337	95287 92983	90048 107846	83163 119537	84734	50.0 50.0	50.0 50.0	50.0 50.0	50.0 50.0	50.0
Toluene-d8 (Surr)	CBNZd5	Ave	379560 483551	415183 509485	426656 548250	448793 586070	456879	50.0 50.0	50.0 50.0	50.0 50.0	50.0 50.0	50.0
4-Bromofluorobenzene (Surr)	DCBd4	Ave	123973 183601	147377 188658	143672 199711	157121 210699	164380	50.0 50.0	50.0 50.0	50.0 50.0	50.0 50.0	50.0

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Qua = Quadratic ISTD

Calibration / Propene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

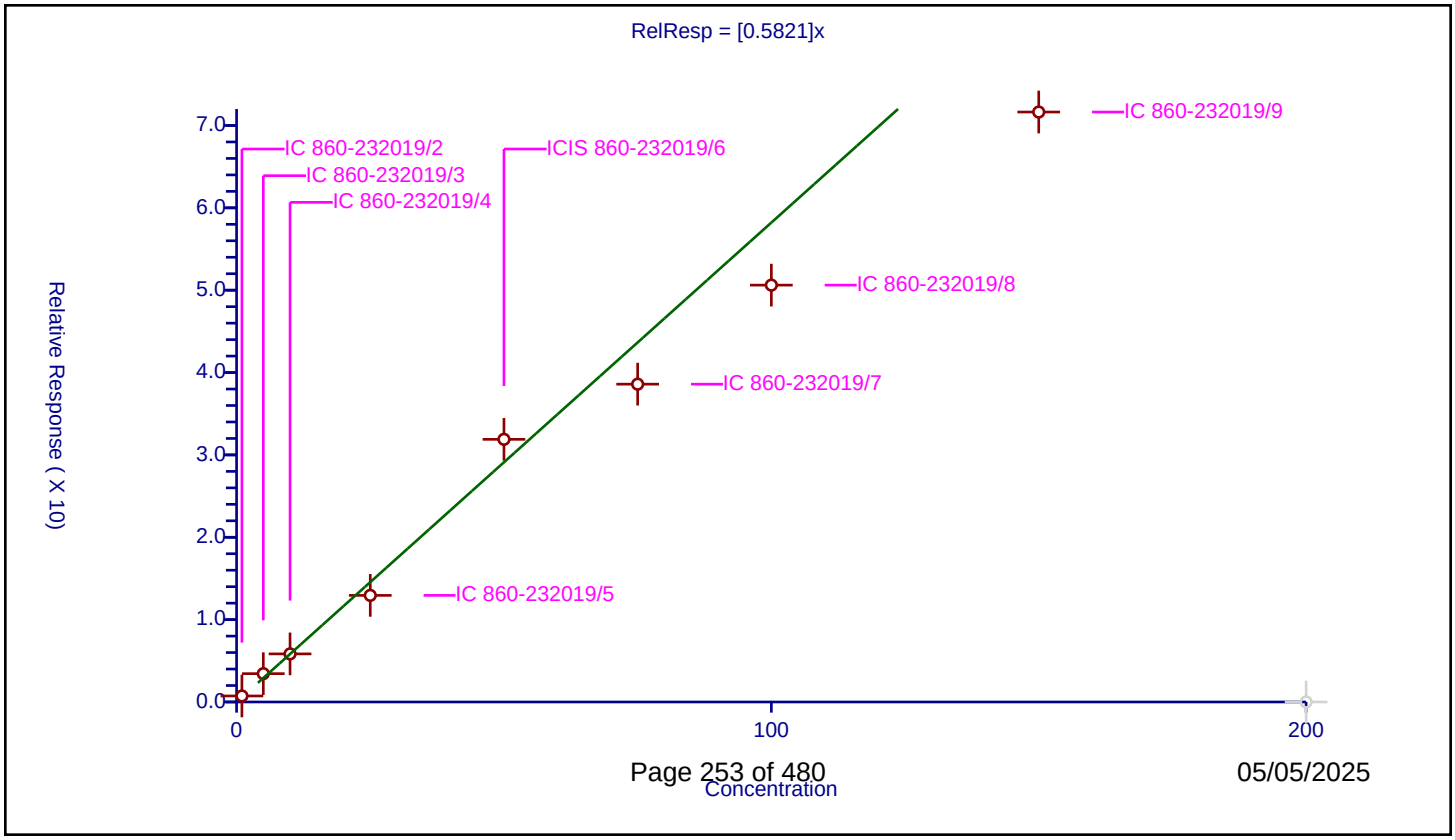
Curve Coefficients

Intercept:	0
Slope:	0.5821

Error Coefficients

Relative Standard Deviation:	16.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	0.73066	50.0	234377.0	0.73066	Y
2	IC 860-232019/3	5.0	3.44151	50.0	246171.0	0.688302	Y
3	IC 860-232019/4	10.0	5.839242	50.0	247652.0	0.583924	Y
4	IC 860-232019/5	25.0	12.943899	50.0	256055.0	0.517756	Y
5	ICIS 860-232019/6	50.0	31.891305	50.0	251382.0	0.637826	Y
6	IC 860-232019/7	75.0	38.590008	50.0	260583.0	0.514533	Y
7	IC 860-232019/8	100.0	50.615604	50.0	270791.0	0.506156	Y
8	IC 860-232019/9	150.0	71.634291	50.0	284160.0	0.477562	Y
9	IC 860-232019/10	200.0	0.0	50.0	305557.0	0.0	N



Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

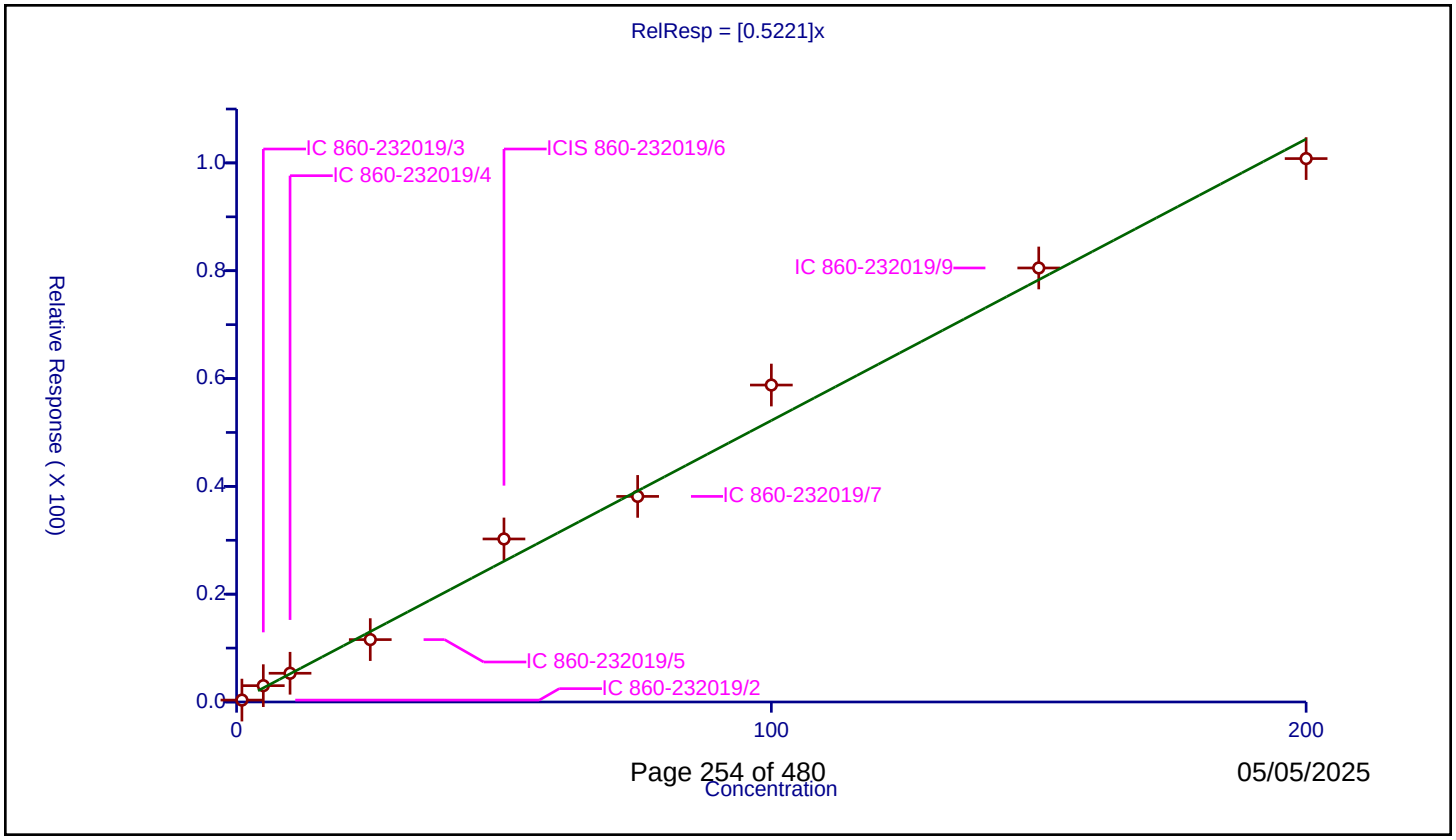
Curve Coefficients

Intercept:	0
Slope:	0.5221

Error Coefficients

Relative Standard Deviation:	15.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	0.355197	50.0	234377.0	0.355197	Y
2	IC 860-232019/3	5.0	3.029601	50.0	246171.0	0.60592	Y
3	IC 860-232019/4	10.0	5.329252	50.0	247652.0	0.532925	Y
4	IC 860-232019/5	25.0	11.574662	50.0	256055.0	0.462986	Y
5	ICIS 860-232019/6	50.0	30.241624	50.0	251382.0	0.604832	Y
6	IC 860-232019/7	75.0	38.136218	50.0	260583.0	0.508483	Y
7	IC 860-232019/8	100.0	58.79756	50.0	270791.0	0.587976	Y
8	IC 860-232019/9	150.0	80.512387	50.0	284160.0	0.536749	Y
9	IC 860-232019/10	200.0	100.802796	50.0	305557.0	0.504014	Y



Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

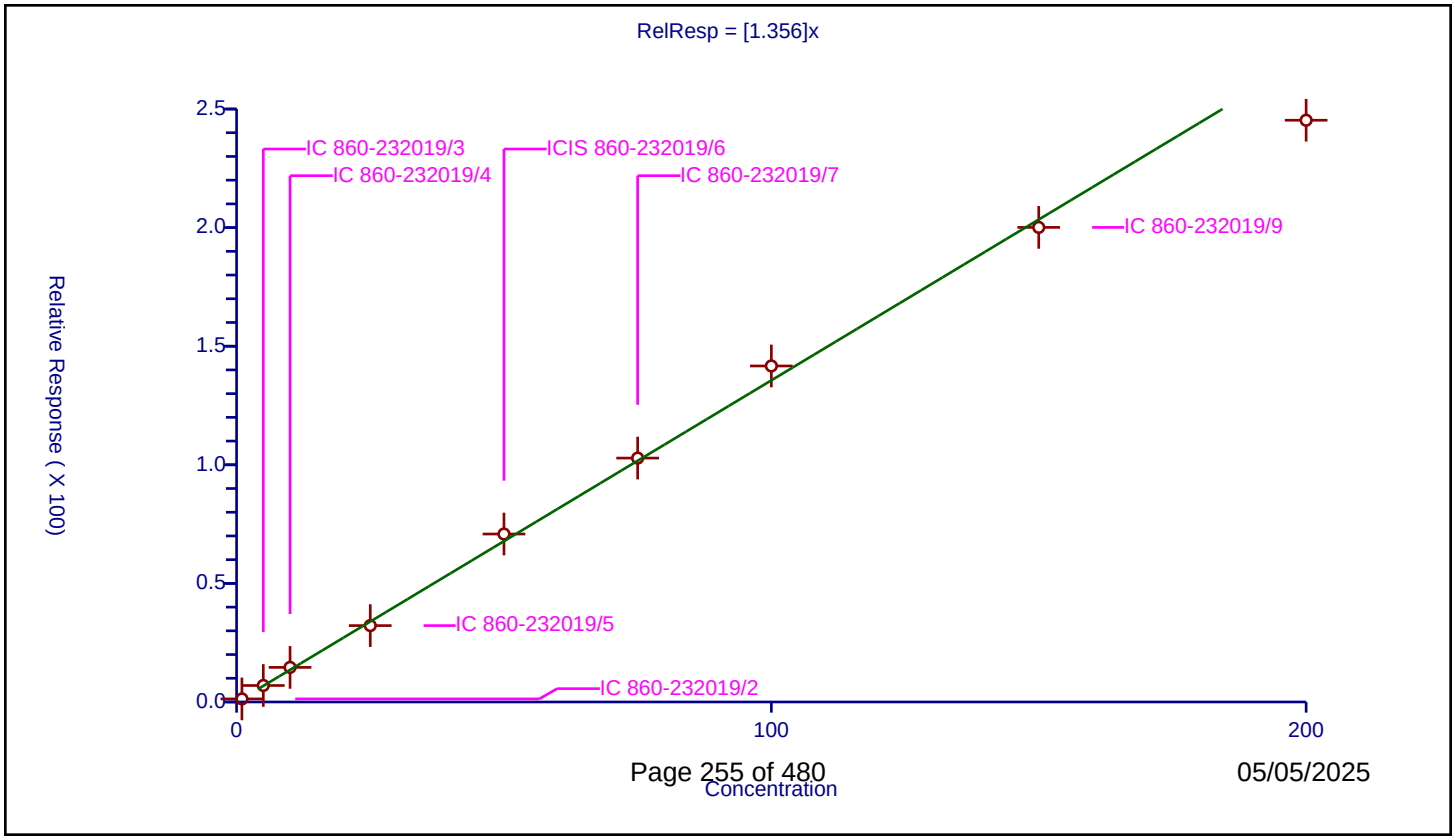
Curve Coefficients

Intercept:	0
Slope:	1.356

Error Coefficients

Relative Standard Deviation:	5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	1.301749	50.0	234377.0	1.301749	Y
2	IC 860-232019/3	5.0	6.958578	50.0	246171.0	1.391716	Y
3	IC 860-232019/4	10.0	14.582358	50.0	247652.0	1.458236	Y
4	IC 860-232019/5	25.0	32.204019	50.0	256055.0	1.288161	Y
5	ICIS 860-232019/6	50.0	70.810161	50.0	251382.0	1.416203	Y
6	IC 860-232019/7	75.0	102.829233	50.0	260583.0	1.371056	Y
7	IC 860-232019/8	100.0	141.667559	50.0	270791.0	1.416676	Y
8	IC 860-232019/9	150.0	200.087979	50.0	284160.0	1.33392	Y
9	IC 860-232019/10	200.0	245.270277	50.0	305557.0	1.226351	Y



Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

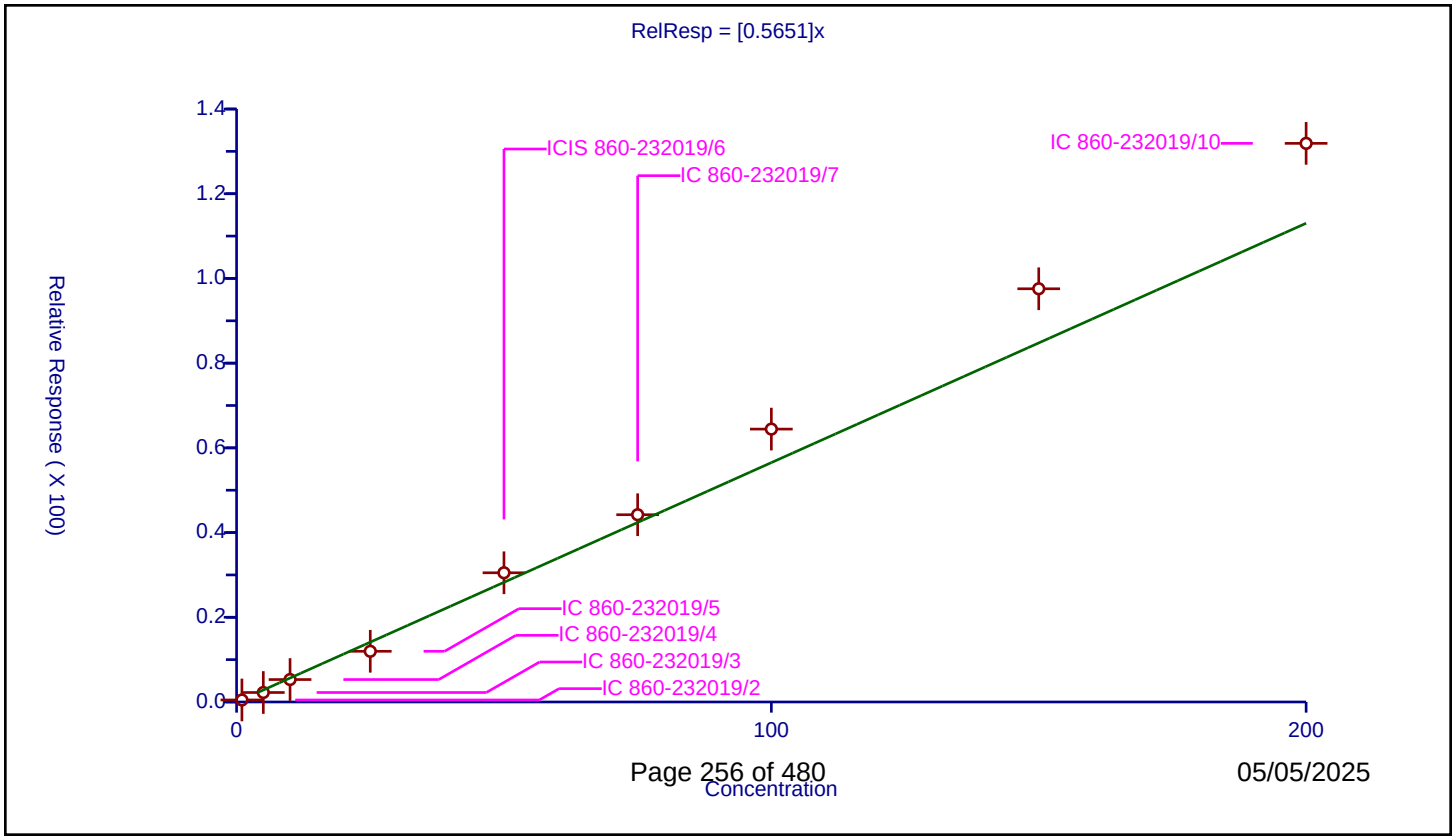
Curve Coefficients

Intercept:	0
Slope:	0.5651

Error Coefficients

Relative Standard Deviation:	14.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	0.475729	50.0	234377.0	0.475729	Y
2	IC 860-232019/3	5.0	2.240516	50.0	246171.0	0.448103	Y
3	IC 860-232019/4	10.0	5.297555	50.0	247652.0	0.529755	Y
4	IC 860-232019/5	25.0	11.968718	50.0	256055.0	0.478749	Y
5	ICIS 860-232019/6	50.0	30.508947	50.0	251382.0	0.610179	Y
6	IC 860-232019/7	75.0	44.214703	50.0	260583.0	0.589529	Y
7	IC 860-232019/8	100.0	64.426809	50.0	270791.0	0.644268	Y
8	IC 860-232019/9	150.0	97.560529	50.0	284160.0	0.650404	Y
9	IC 860-232019/10	200.0	131.88914	50.0	305557.0	0.659446	Y



Calibration / Ethylene oxide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

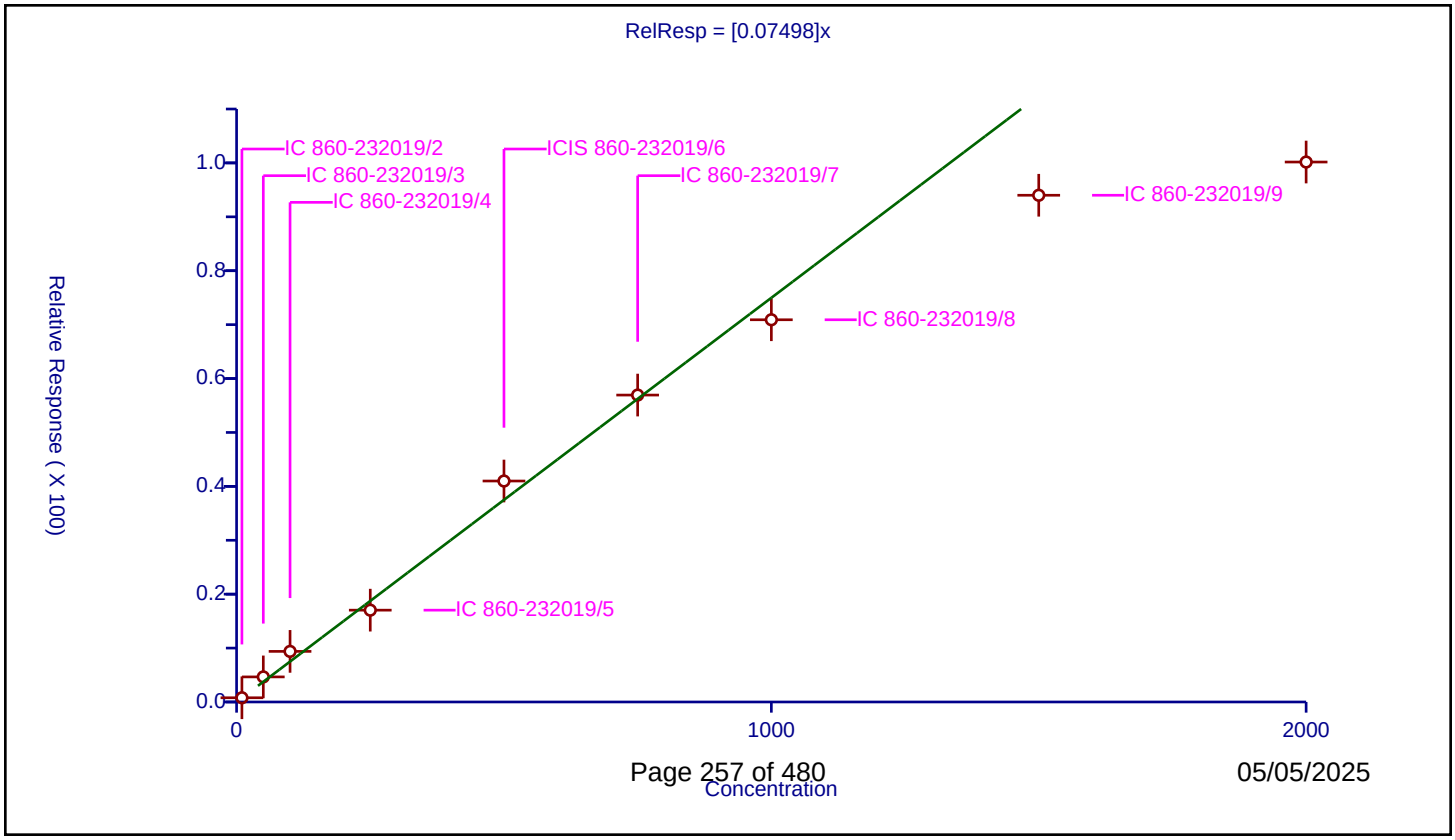
Curve Coefficients

Intercept:	0
Slope:	0.07498

Error Coefficients

Relative Standard Deviation:	18.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	10.0	0.781647	50.0	234377.0	0.078165	Y
2	IC 860-232019/3	50.0	4.654082	50.0	246171.0	0.093082	Y
3	IC 860-232019/4	100.0	9.384741	50.0	247652.0	0.093847	Y
4	IC 860-232019/5	250.0	17.035988	50.0	256055.0	0.068144	Y
5	ICIS 860-232019/6	500.0	40.990405	50.0	251382.0	0.081981	Y
6	IC 860-232019/7	750.0	56.936753	50.0	260583.0	0.075916	Y
7	IC 860-232019/8	1000.0	70.906529	50.0	270791.0	0.070907	Y
8	IC 860-232019/9	1500.0	94.002323	50.0	284160.0	0.062668	Y
9	IC 860-232019/10	2000.0	100.165926	50.0	305557.0	0.050083	Y



Calibration / Bromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

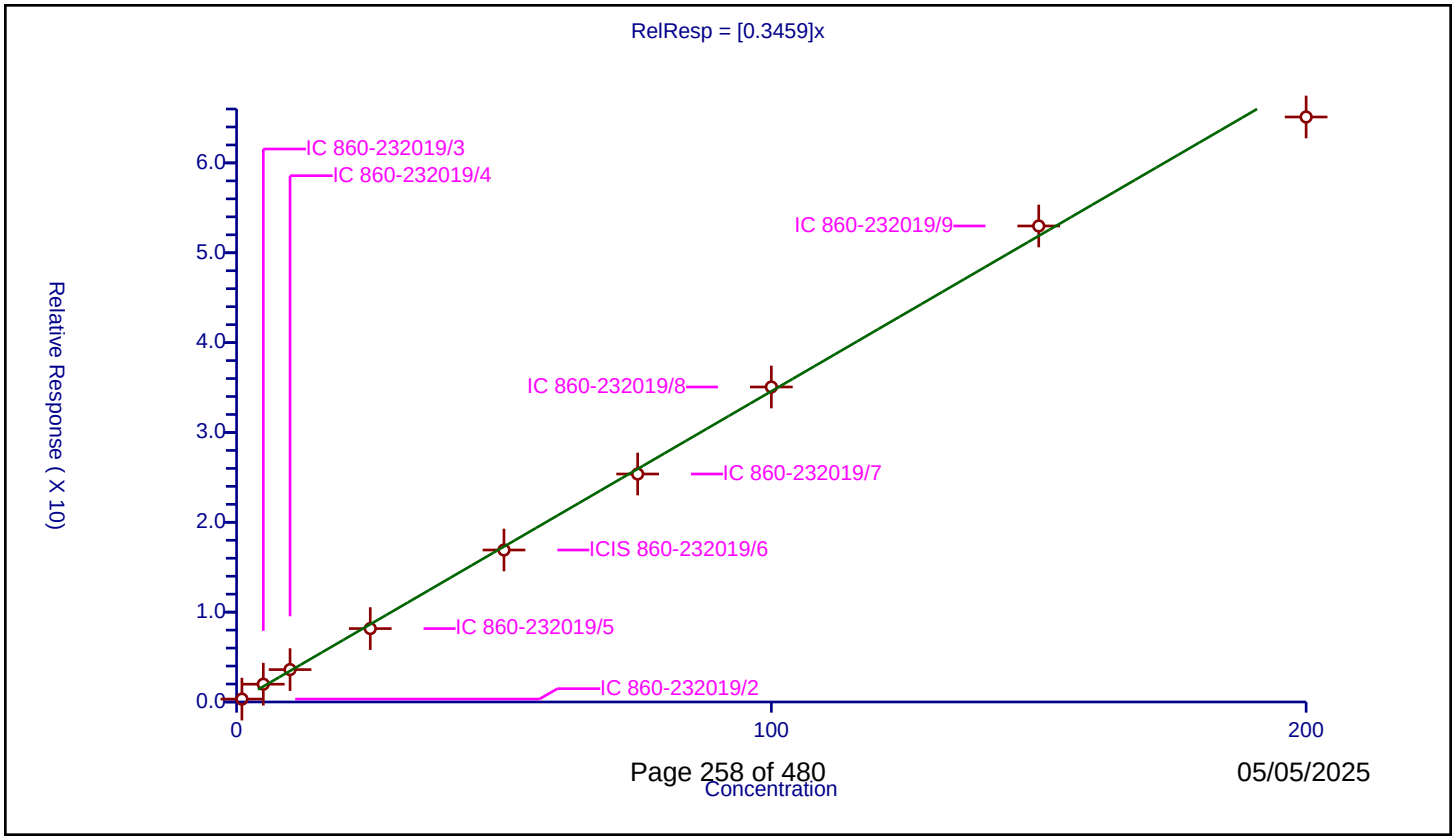
Curve Coefficients

Intercept:	0
Slope:	0.3459

Error Coefficients

Relative Standard Deviation:	6.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	0.322984	50.0	234377.0	0.322984	Y
2	IC 860-232019/3	5.0	1.981549	50.0	246171.0	0.39631	Y
3	IC 860-232019/4	10.0	3.605866	50.0	247652.0	0.360587	Y
4	IC 860-232019/5	25.0	8.169924	50.0	256055.0	0.326797	Y
5	ICIS 860-232019/6	50.0	16.915889	50.0	251382.0	0.338318	Y
6	IC 860-232019/7	75.0	25.376751	50.0	260583.0	0.338357	Y
7	IC 860-232019/8	100.0	35.060803	50.0	270791.0	0.350608	Y
8	IC 860-232019/9	150.0	52.980715	50.0	284160.0	0.353205	Y
9	IC 860-232019/10	200.0	65.11191	50.0	305557.0	0.32556	Y



Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

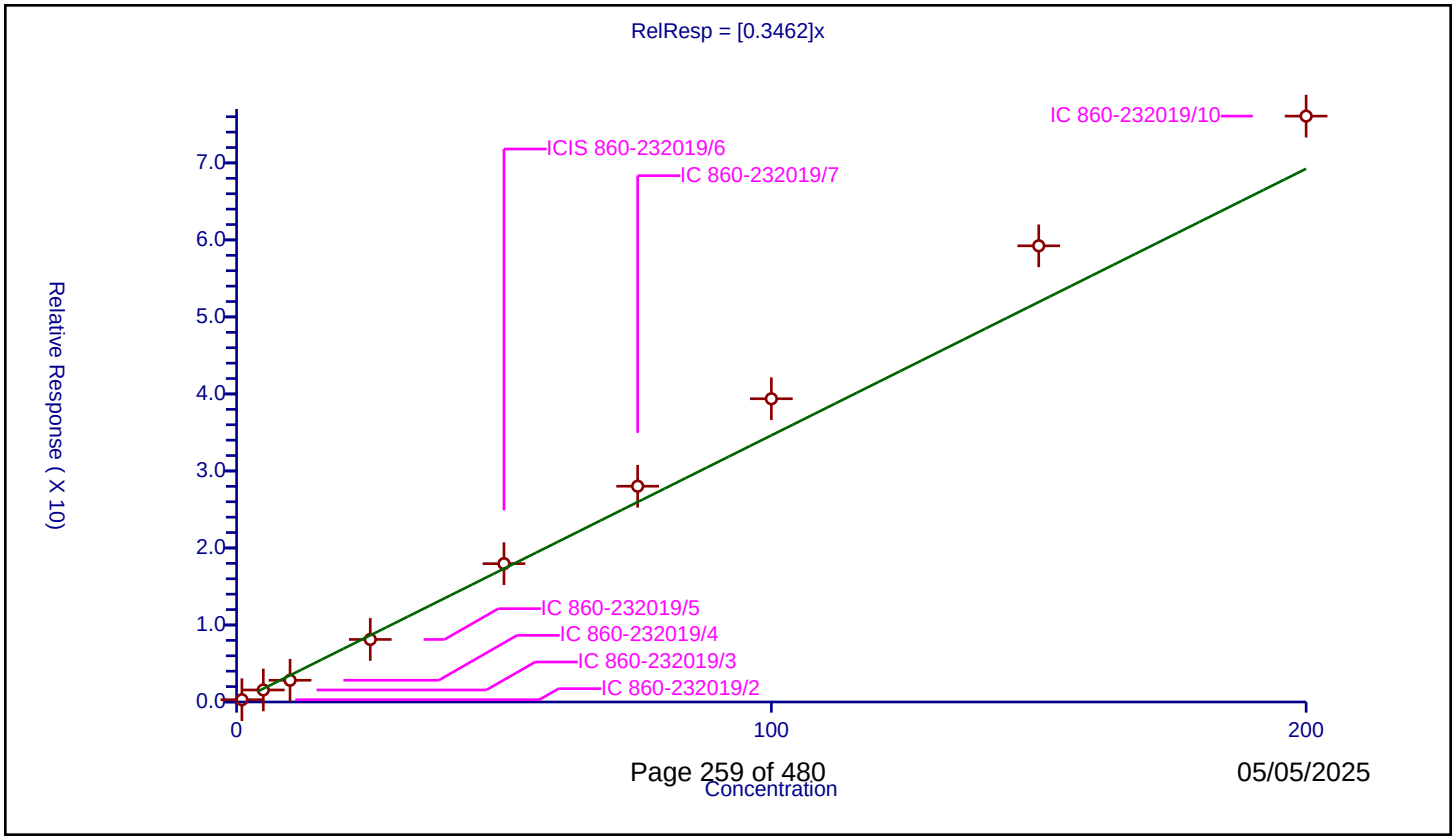
Curve Coefficients

Intercept:	0
Slope:	0.3462

Error Coefficients

Relative Standard Deviation:	12.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	0.295464	50.0	234377.0	0.295464	Y
2	IC 860-232019/3	5.0	1.558266	50.0	246171.0	0.311653	Y
3	IC 860-232019/4	10.0	2.819884	50.0	247652.0	0.281988	Y
4	IC 860-232019/5	25.0	8.121107	50.0	256055.0	0.324844	Y
5	ICIS 860-232019/6	50.0	17.964293	50.0	251382.0	0.359286	Y
6	IC 860-232019/7	75.0	28.019671	50.0	260583.0	0.373596	Y
7	IC 860-232019/8	100.0	39.375201	50.0	270791.0	0.393752	Y
8	IC 860-232019/9	150.0	59.235818	50.0	284160.0	0.394905	Y
9	IC 860-232019/10	200.0	76.079913	50.0	305557.0	0.3804	Y



Calibration / Dichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

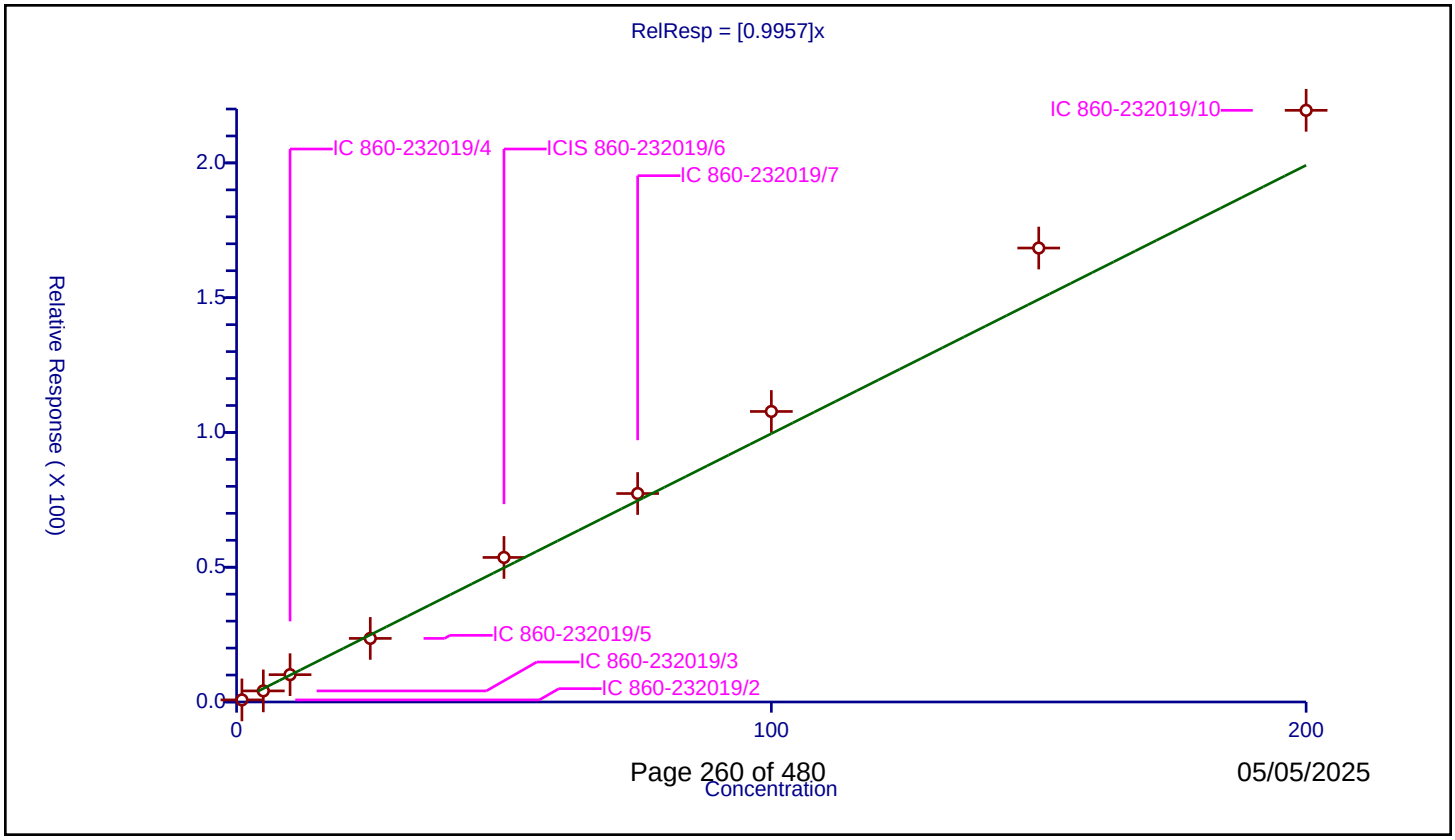
Curve Coefficients

Intercept:	0
Slope:	0.9957

Error Coefficients

Relative Standard Deviation:	12.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	0.779087	50.0	234377.0	0.779087	Y
2	IC 860-232019/3	5.0	4.111776	50.0	246171.0	0.822355	Y
3	IC 860-232019/4	10.0	10.13943	50.0	247652.0	1.013943	Y
4	IC 860-232019/5	25.0	23.594931	50.0	256055.0	0.943797	Y
5	ICIS 860-232019/6	50.0	53.626354	50.0	251382.0	1.072527	Y
6	IC 860-232019/7	75.0	77.343111	50.0	260583.0	1.031241	Y
7	IC 860-232019/8	100.0	107.785709	50.0	270791.0	1.077857	Y
8	IC 860-232019/9	150.0	168.429054	50.0	284160.0	1.12286	Y
9	IC 860-232019/10	200.0	219.517962	50.0	305557.0	1.09759	Y



Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

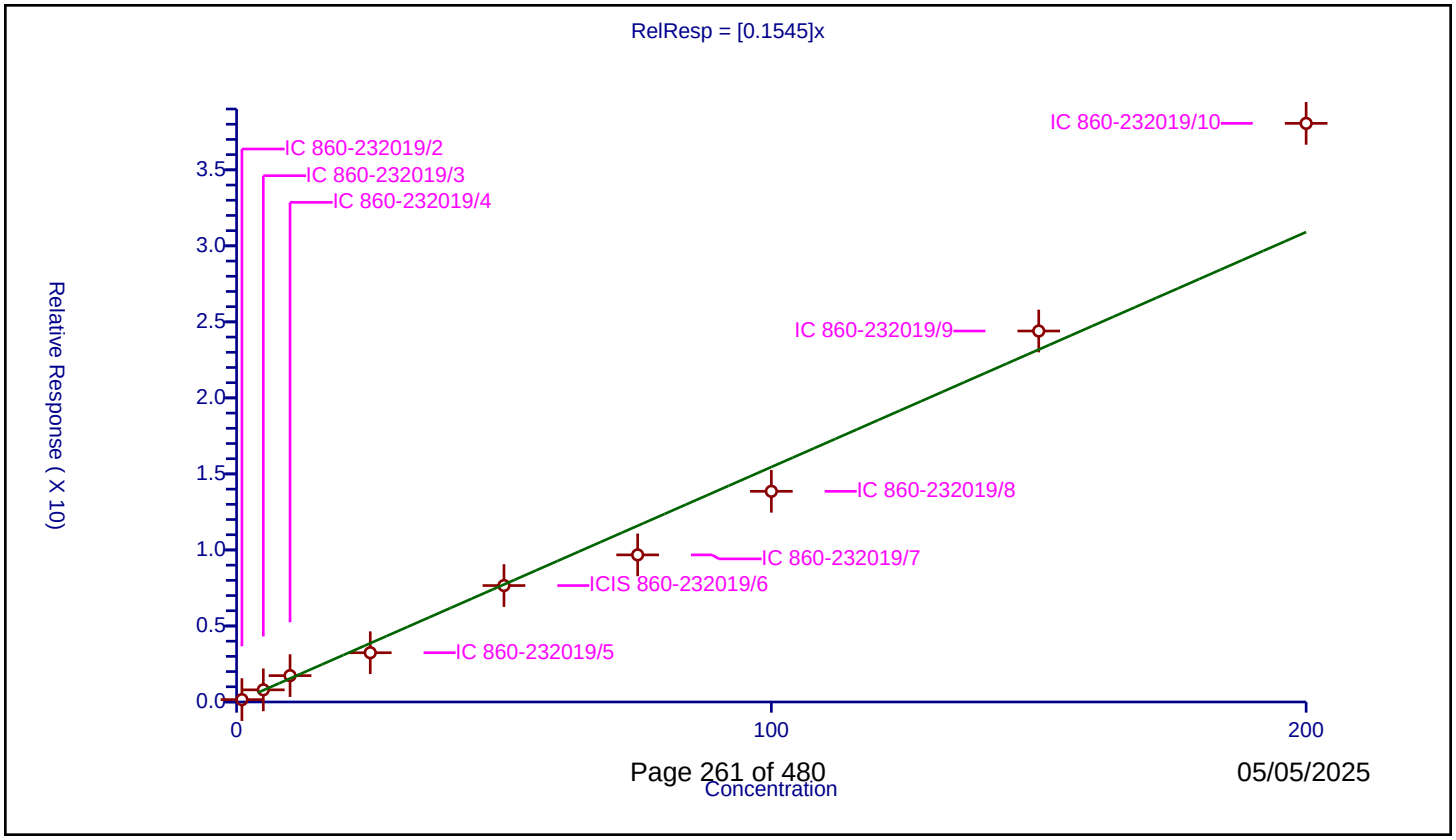
Curve Coefficients

Intercept:	0
Slope:	0.1545

Error Coefficients

Relative Standard Deviation:	13.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	0.154665	50.0	234377.0	0.154665	Y
2	IC 860-232019/3	5.0	0.798023	50.0	246171.0	0.159605	Y
3	IC 860-232019/4	10.0	1.733077	50.0	247652.0	0.173308	Y
4	IC 860-232019/5	25.0	3.239538	50.0	256055.0	0.129582	Y
5	ICIS 860-232019/6	50.0	7.657668	50.0	251382.0	0.153153	Y
6	IC 860-232019/7	75.0	9.675228	50.0	260583.0	0.129003	Y
7	IC 860-232019/8	100.0	13.855889	50.0	270791.0	0.138559	Y
8	IC 860-232019/9	150.0	24.398578	50.0	284160.0	0.162657	Y
9	IC 860-232019/10	200.0	38.056075	50.0	305557.0	0.19028	Y



Calibration / Ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

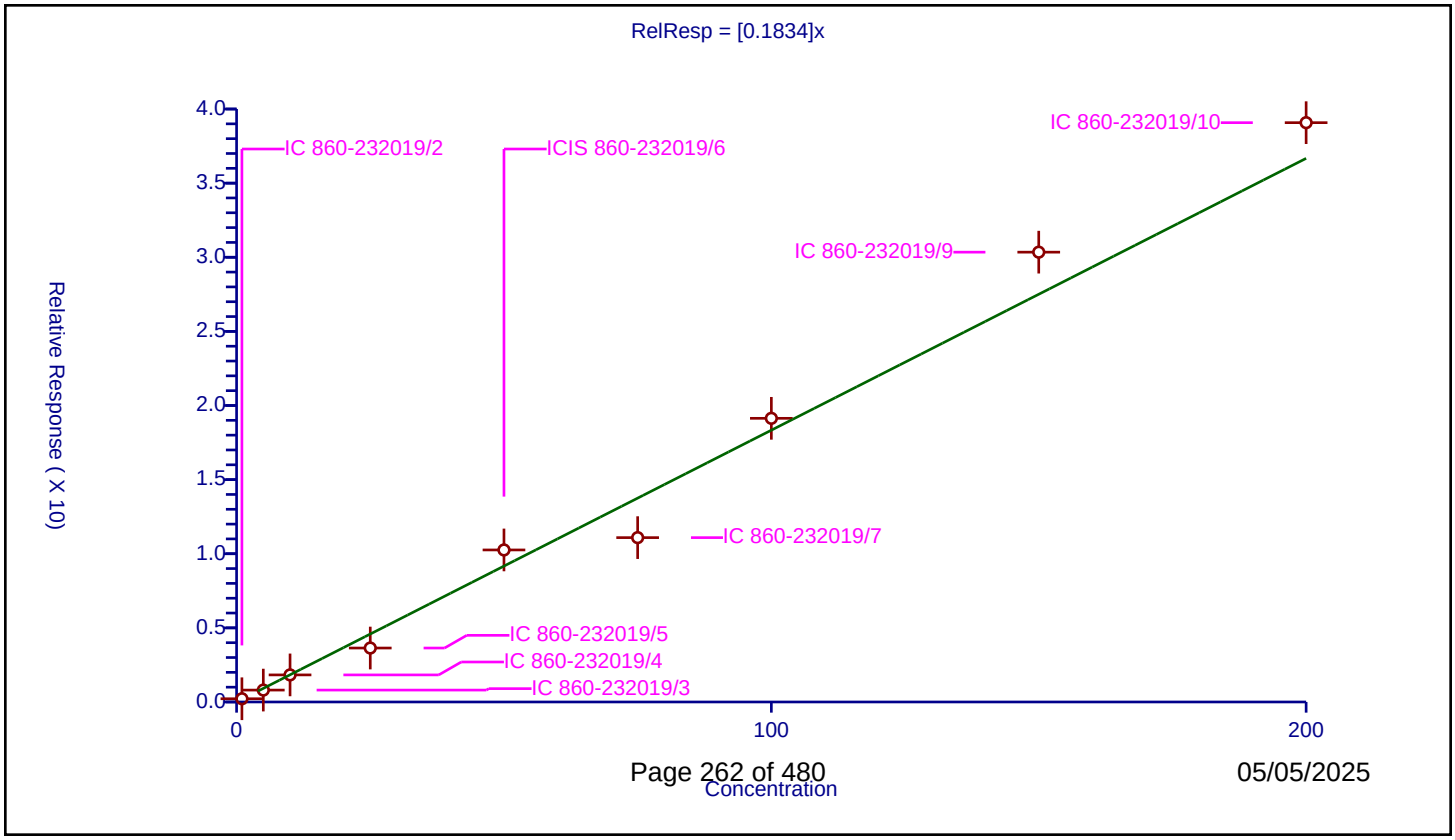
Curve Coefficients

Intercept:	0
Slope:	0.1834

Error Coefficients

Relative Standard Deviation:	14.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	0.219305	50.0	234377.0	0.219305	Y
2	IC 860-232019/3	5.0	0.802491	50.0	246171.0	0.160498	Y
3	IC 860-232019/4	10.0	1.827564	50.0	247652.0	0.182756	Y
4	IC 860-232019/5	25.0	3.640624	50.0	256055.0	0.145625	Y
5	ICIS 860-232019/6	50.0	10.255508	50.0	251382.0	0.20511	Y
6	IC 860-232019/7	75.0	11.086679	50.0	260583.0	0.147822	Y
7	IC 860-232019/8	100.0	19.135976	50.0	270791.0	0.19136	Y
8	IC 860-232019/9	150.0	30.343293	50.0	284160.0	0.202289	Y
9	IC 860-232019/10	200.0	39.079779	50.0	305557.0	0.195399	Y



Calibration / Acrolein

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

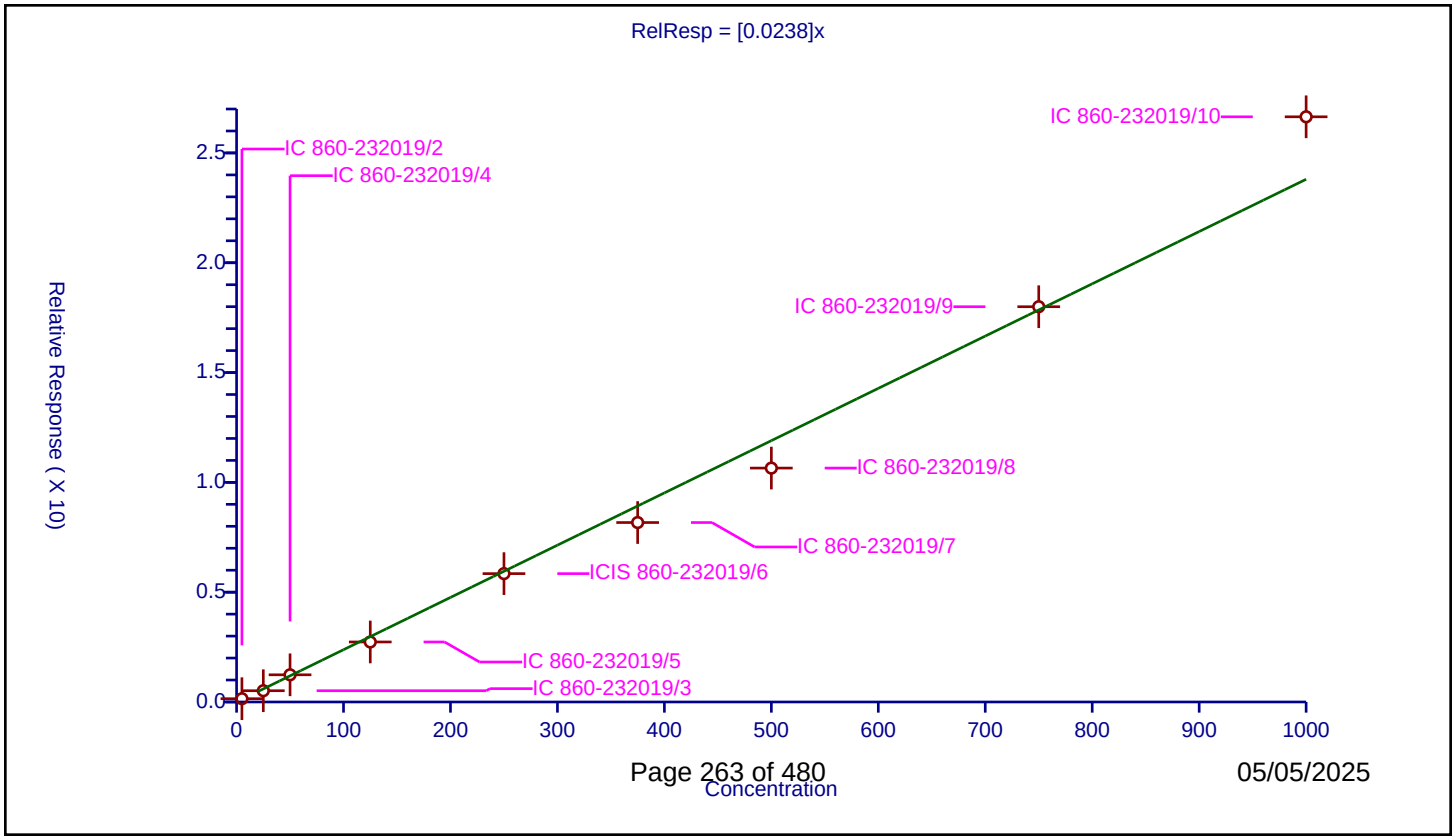
Curve Coefficients

Intercept:	0
Slope:	0.0238

Error Coefficients

Relative Standard Deviation:	12.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	5.0	0.149759	50.0	234377.0	0.029952	Y
2	IC 860-232019/3	25.0	0.513261	50.0	246171.0	0.02053	Y
3	IC 860-232019/4	50.0	1.237422	50.0	247652.0	0.024748	Y
4	IC 860-232019/5	125.0	2.732811	50.0	256055.0	0.021862	Y
5	ICIS 860-232019/6	250.0	5.845088	50.0	251382.0	0.02338	Y
6	IC 860-232019/7	375.0	8.170717	50.0	260583.0	0.021789	Y
7	IC 860-232019/8	500.0	10.649911	50.0	270791.0	0.0213	Y
8	IC 860-232019/9	750.0	17.997783	50.0	284160.0	0.023997	Y
9	IC 860-232019/10	1000.0	26.645601	50.0	305557.0	0.026646	Y



Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

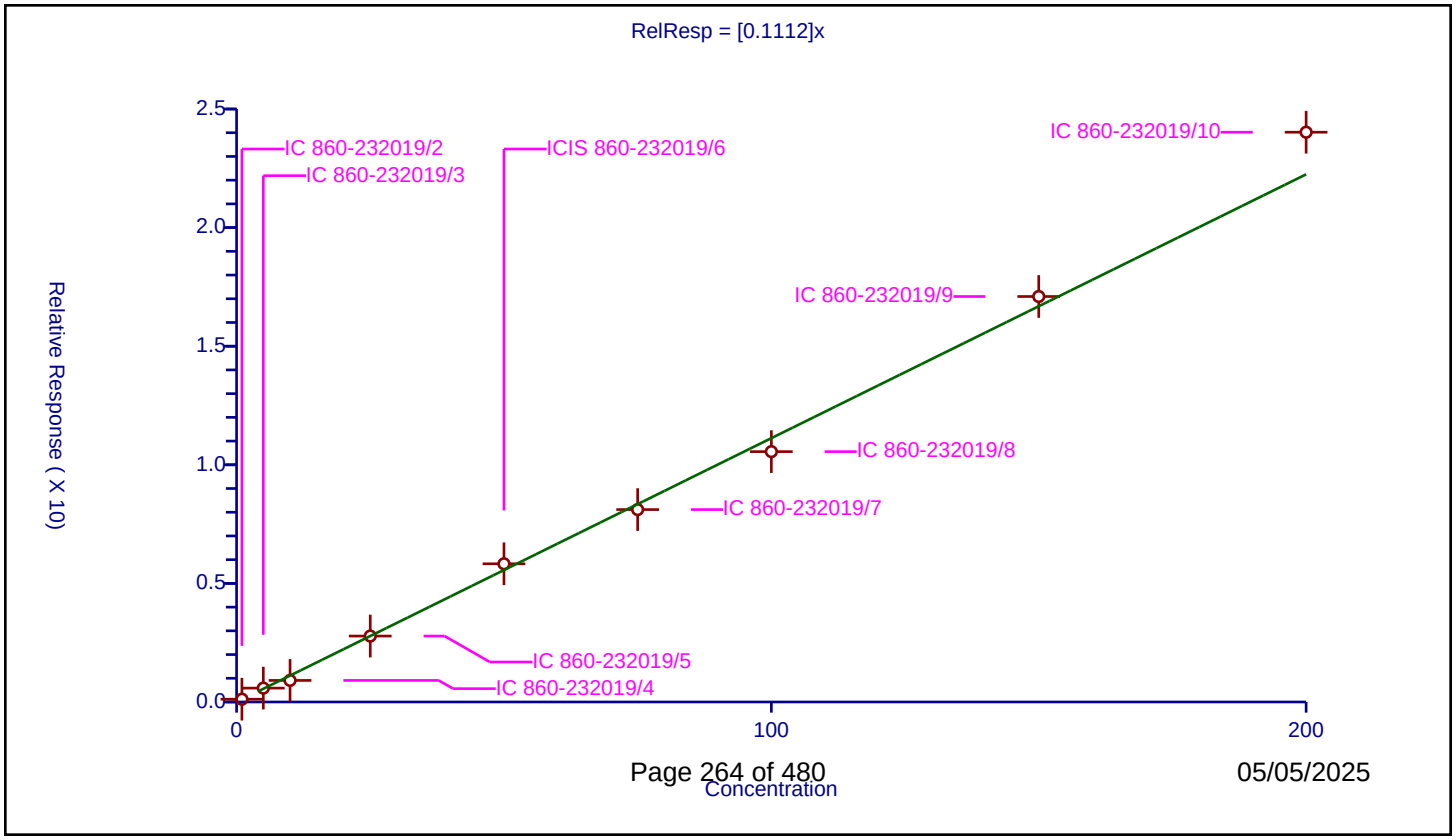
Curve Coefficients

Intercept:	0
Slope:	0.1112

Error Coefficients

Relative Standard Deviation:	8.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	0.117546	50.0	234377.0	0.117546	Y
2	IC 860-232019/3	5.0	0.585569	50.0	246171.0	0.117114	Y
3	IC 860-232019/4	10.0	0.908735	50.0	247652.0	0.090873	Y
4	IC 860-232019/5	25.0	2.780067	50.0	256055.0	0.111203	Y
5	ICIS 860-232019/6	50.0	5.826392	50.0	251382.0	0.116528	Y
6	IC 860-232019/7	75.0	8.111811	50.0	260583.0	0.108157	Y
7	IC 860-232019/8	100.0	10.555373	50.0	270791.0	0.105554	Y
8	IC 860-232019/9	150.0	17.09565	50.0	284160.0	0.113971	Y
9	IC 860-232019/10	200.0	24.022196	50.0	305557.0	0.120111	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

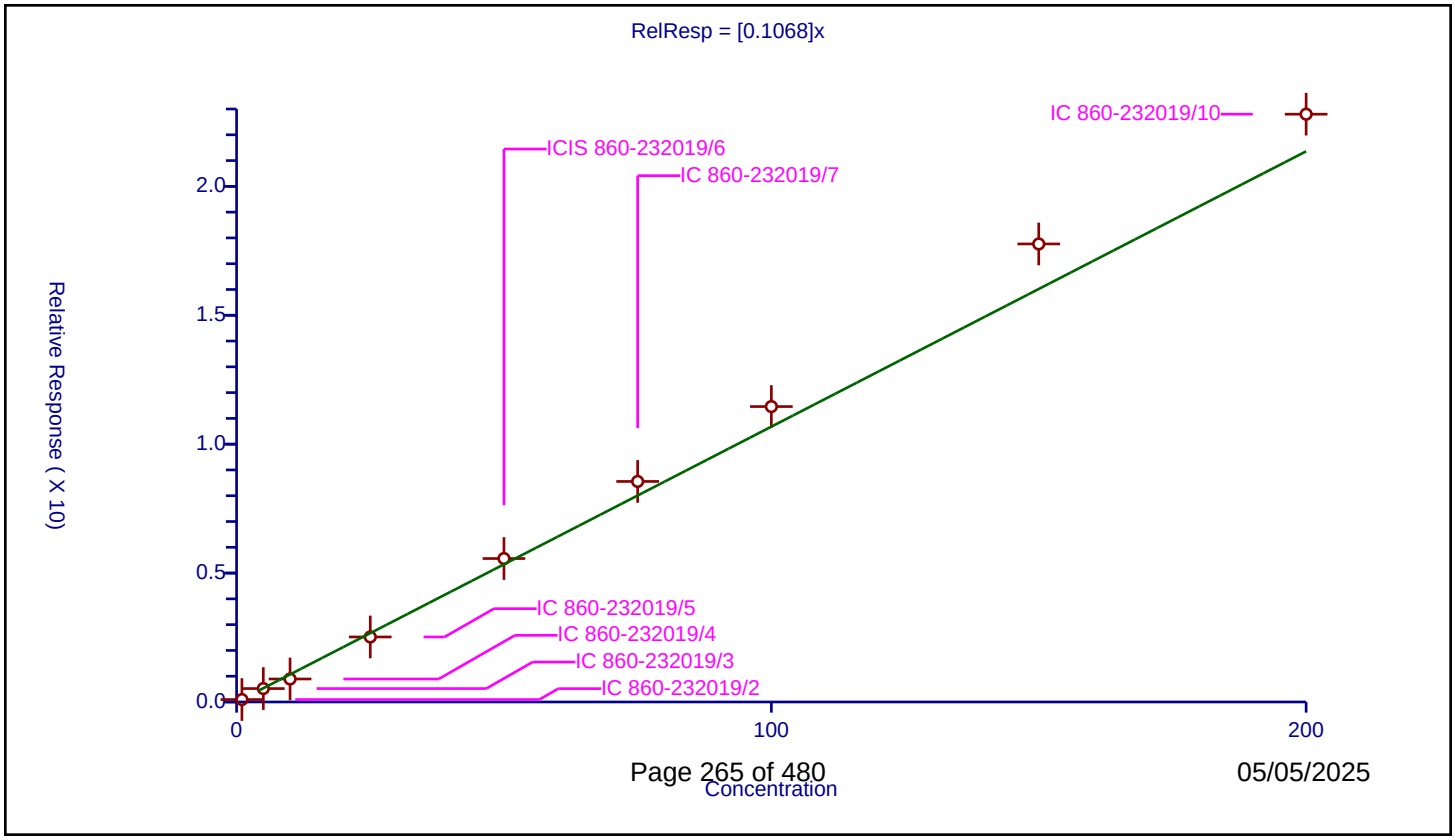
Curve Coefficients

Intercept:	0
Slope:	0.1068

Error Coefficients

Relative Standard Deviation:	9.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	0.094506	50.0	234377.0	0.094506	Y
2	IC 860-232019/3	5.0	0.520979	50.0	246171.0	0.104196	Y
3	IC 860-232019/4	10.0	0.891776	50.0	247652.0	0.089178	Y
4	IC 860-232019/5	25.0	2.521724	50.0	256055.0	0.100869	Y
5	ICIS 860-232019/6	50.0	5.564241	50.0	251382.0	0.111285	Y
6	IC 860-232019/7	75.0	8.554472	50.0	260583.0	0.11406	Y
7	IC 860-232019/8	100.0	11.458837	50.0	270791.0	0.114588	Y
8	IC 860-232019/9	150.0	17.766399	50.0	284160.0	0.118443	Y
9	IC 860-232019/10	200.0	22.799347	50.0	305557.0	0.113997	Y



Calibration / Acetone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

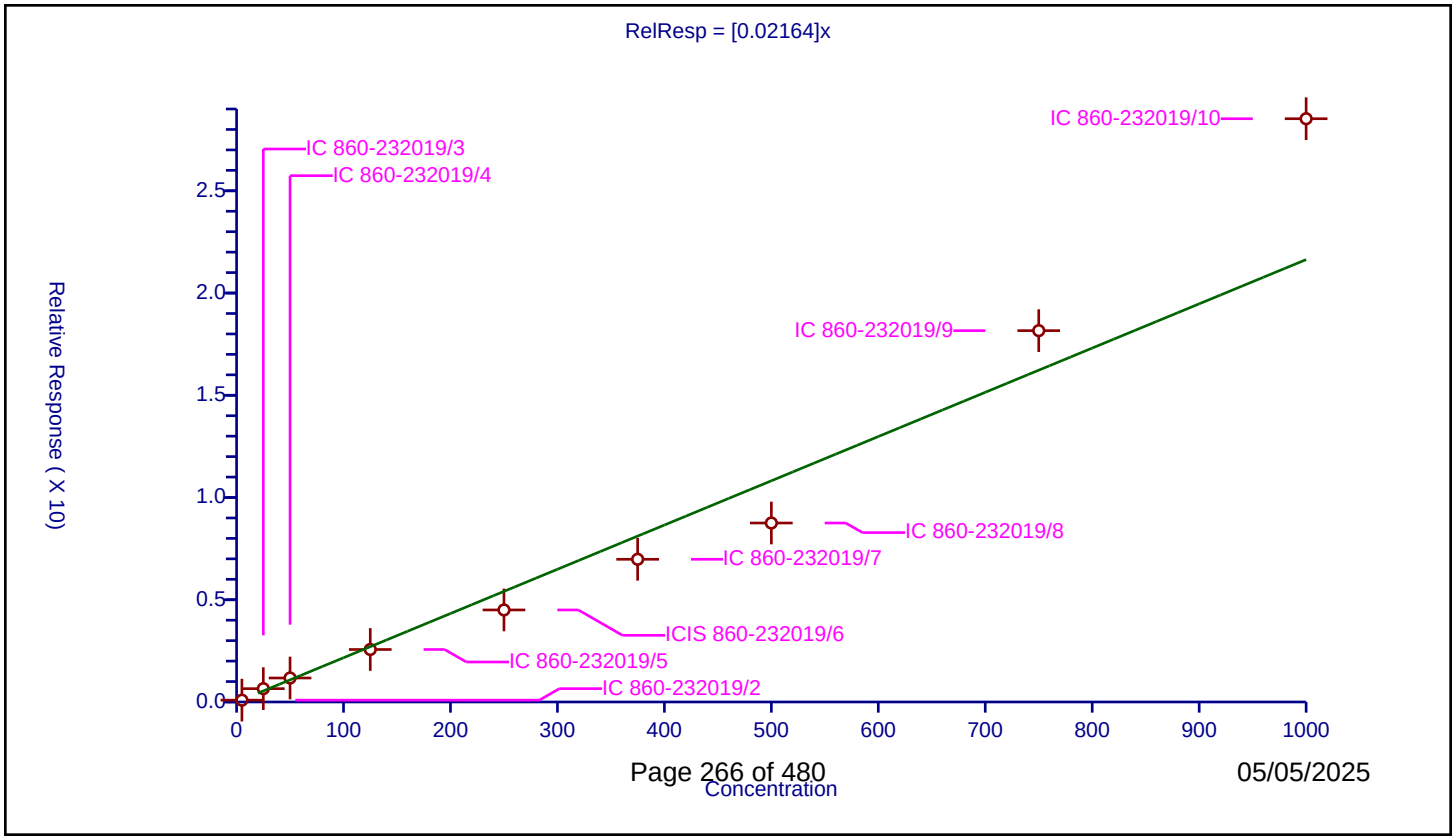
Curve Coefficients

Intercept:	0
Slope:	0.02164

Error Coefficients

Relative Standard Deviation:	18.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	5.0	0.088959	50.0	234377.0	0.017792	Y
2	IC 860-232019/3	25.0	0.65158	50.0	246171.0	0.026063	Y
3	IC 860-232019/4	50.0	1.173421	50.0	247652.0	0.023468	Y
4	IC 860-232019/5	125.0	2.566831	50.0	256055.0	0.020535	Y
5	ICIS 860-232019/6	250.0	4.50072	50.0	251382.0	0.018003	Y
6	IC 860-232019/7	375.0	6.978775	50.0	260583.0	0.01861	Y
7	IC 860-232019/8	500.0	8.75343	50.0	270791.0	0.017507	Y
8	IC 860-232019/9	750.0	18.161071	50.0	284160.0	0.024215	Y
9	IC 860-232019/10	1000.0	28.525283	50.0	305557.0	0.028525	Y



Calibration / Iodomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

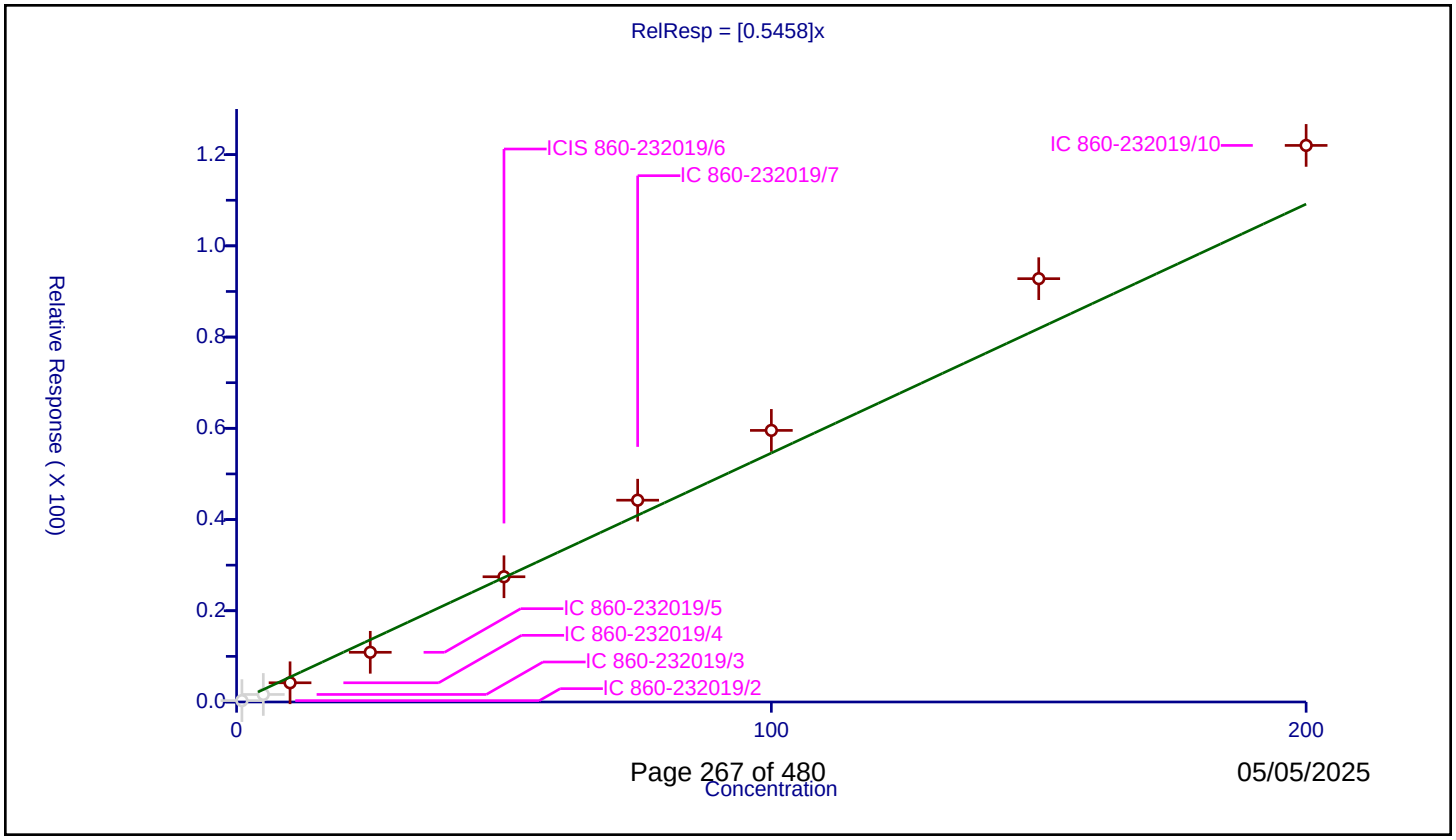
Curve Coefficients

Intercept:	0
Slope:	0.5458

Error Coefficients

Relative Standard Deviation:	15.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	0.299091	50.0	234377.0	0.299091	N
2	IC 860-232019/3	5.0	1.651291	50.0	246171.0	0.330258	N
3	IC 860-232019/4	10.0	4.214785	50.0	247652.0	0.421479	Y
4	IC 860-232019/5	25.0	10.894925	50.0	256055.0	0.435797	Y
5	ICIS 860-232019/6	50.0	27.456023	50.0	251382.0	0.54912	Y
6	IC 860-232019/7	75.0	44.239647	50.0	260583.0	0.589862	Y
7	IC 860-232019/8	100.0	59.543522	50.0	270791.0	0.595435	Y
8	IC 860-232019/9	150.0	92.80335	50.0	284160.0	0.618689	Y
9	IC 860-232019/10	200.0	122.01995	50.0	305557.0	0.6101	Y



Calibration / Carbon disulfide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

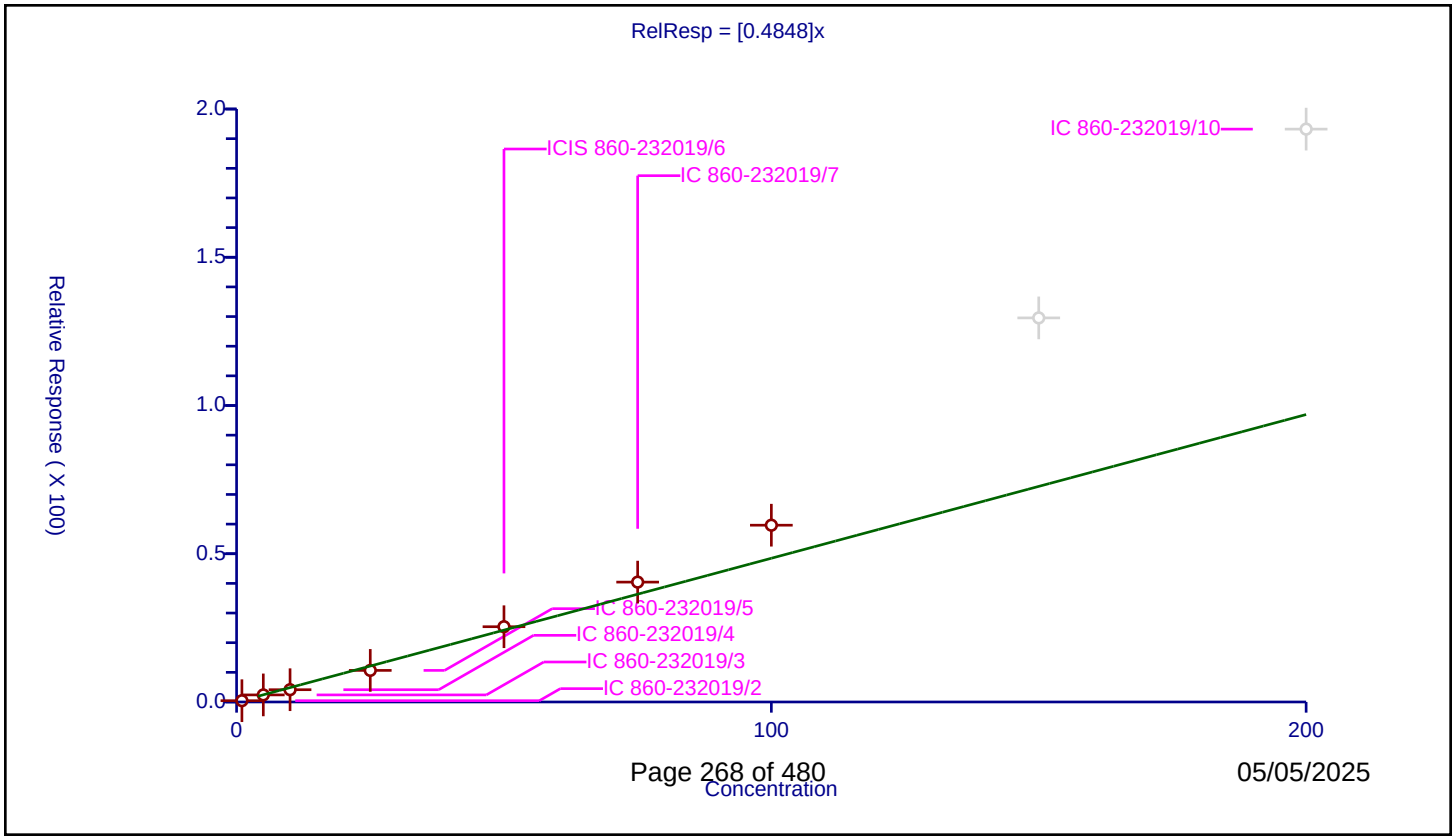
Curve Coefficients

Intercept:	0
Slope:	0.4848

Error Coefficients

Relative Standard Deviation:	13.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	0.43221	50.0	234377.0	0.43221	Y
2	IC 860-232019/3	5.0	2.387974	50.0	246171.0	0.477595	Y
3	IC 860-232019/4	10.0	4.143112	50.0	247652.0	0.414311	Y
4	IC 860-232019/5	25.0	10.652399	50.0	256055.0	0.426096	Y
5	ICIS 860-232019/6	50.0	25.386861	50.0	251382.0	0.507737	Y
6	IC 860-232019/7	75.0	40.435101	50.0	260583.0	0.539135	Y
7	IC 860-232019/8	100.0	59.626058	50.0	270791.0	0.596261	Y
8	IC 860-232019/9	150.0	129.549726	50.0	284160.0	0.863665	N
9	IC 860-232019/10	200.0	193.215341	50.0	305557.0	0.966077	N



Calibration / Isopropyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

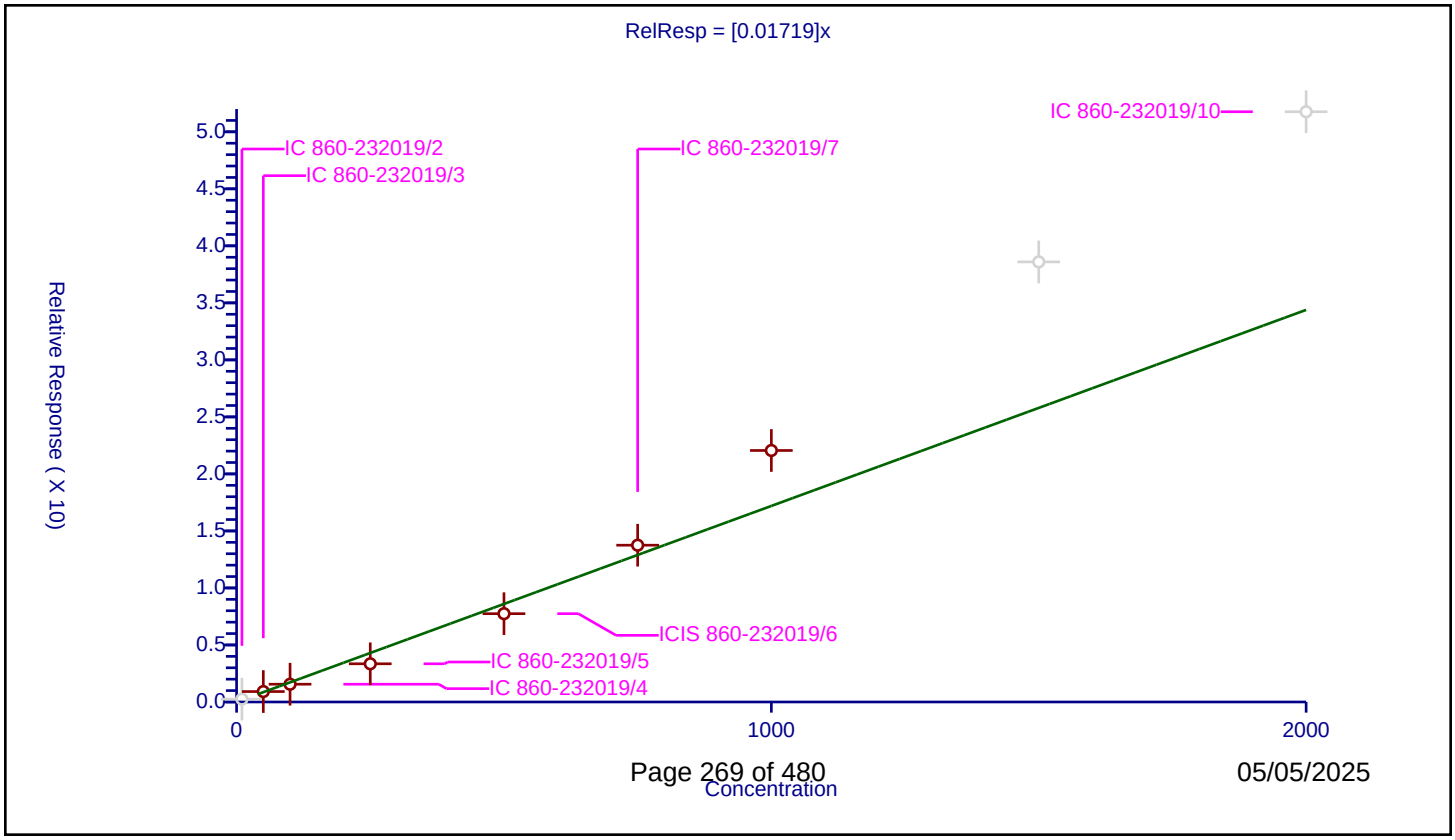
Curve Coefficients

Intercept:	0
Slope:	0.01719

Error Coefficients

Relative Standard Deviation:	17.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	10.0	0.249171	50.0	234377.0	0.024917	N
2	IC 860-232019/3	50.0	0.915014	50.0	246171.0	0.0183	Y
3	IC 860-232019/4	100.0	1.557427	50.0	247652.0	0.015574	Y
4	IC 860-232019/5	250.0	3.350647	50.0	256055.0	0.013403	Y
5	ICIS 860-232019/6	500.0	7.744588	50.0	251382.0	0.015489	Y
6	IC 860-232019/7	750.0	13.75013	50.0	260583.0	0.018334	Y
7	IC 860-232019/8	1000.0	22.054832	50.0	270791.0	0.022055	Y
8	IC 860-232019/9	1500.0	38.593574	50.0	284160.0	0.025729	N
9	IC 860-232019/10	2000.0	51.762028	50.0	305557.0	0.025881	N



Calibration / Acetonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

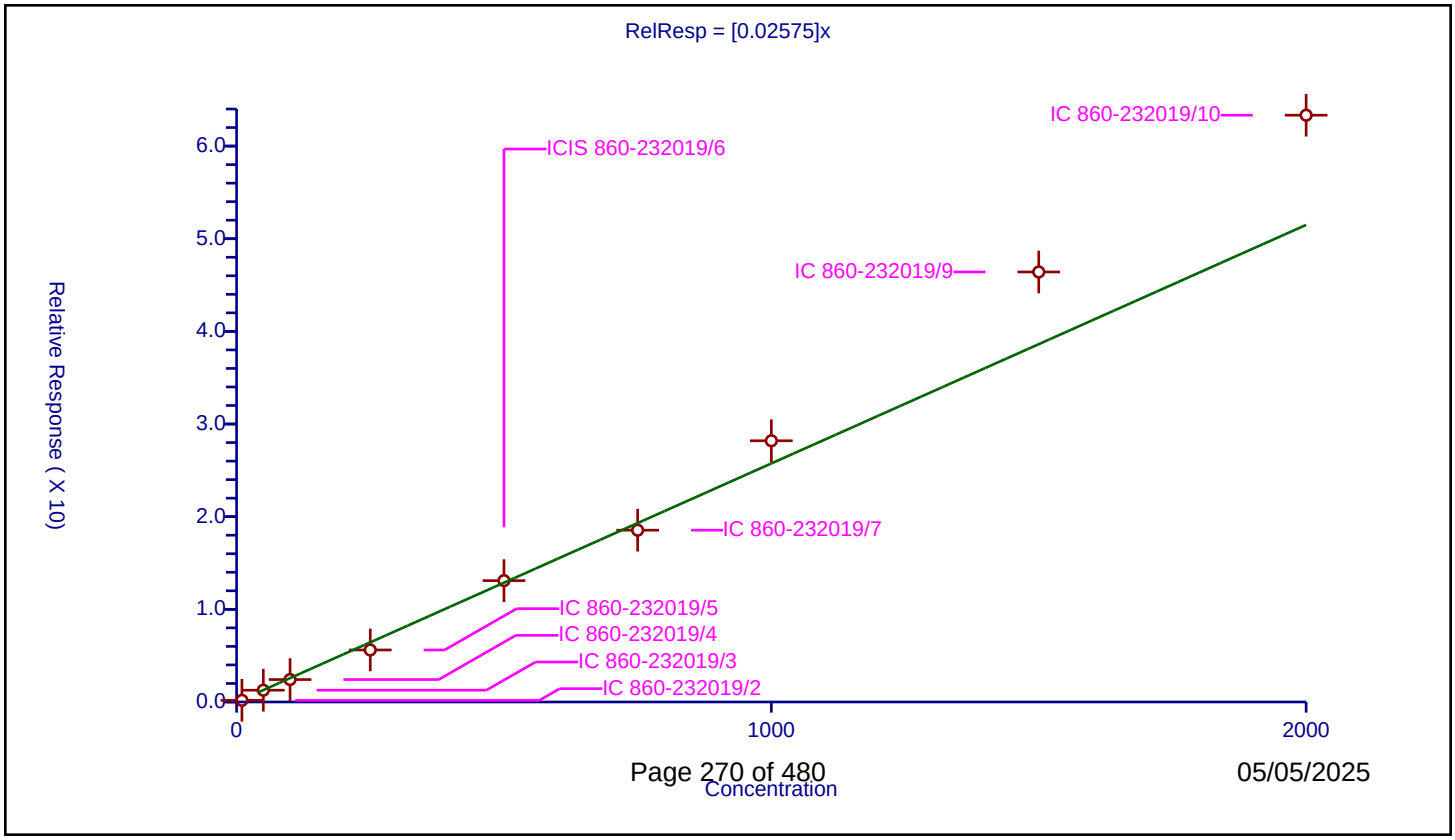
Curve Coefficients

Intercept:	0
Slope:	0.02575

Error Coefficients

Relative Standard Deviation:	16.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	10.0	0.179198	50.0	234377.0	0.01792	Y
2	IC 860-232019/3	50.0	1.270052	50.0	246171.0	0.025401	Y
3	IC 860-232019/4	100.0	2.421745	50.0	247652.0	0.024217	Y
4	IC 860-232019/5	250.0	5.613833	50.0	256055.0	0.022455	Y
5	ICIS 860-232019/6	500.0	13.097398	50.0	251382.0	0.026195	Y
6	IC 860-232019/7	750.0	18.542077	50.0	260583.0	0.024723	Y
7	IC 860-232019/8	1000.0	28.192222	50.0	270791.0	0.028192	Y
8	IC 860-232019/9	1500.0	46.411705	50.0	284160.0	0.030941	Y
9	IC 860-232019/10	2000.0	63.333519	50.0	305557.0	0.031667	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

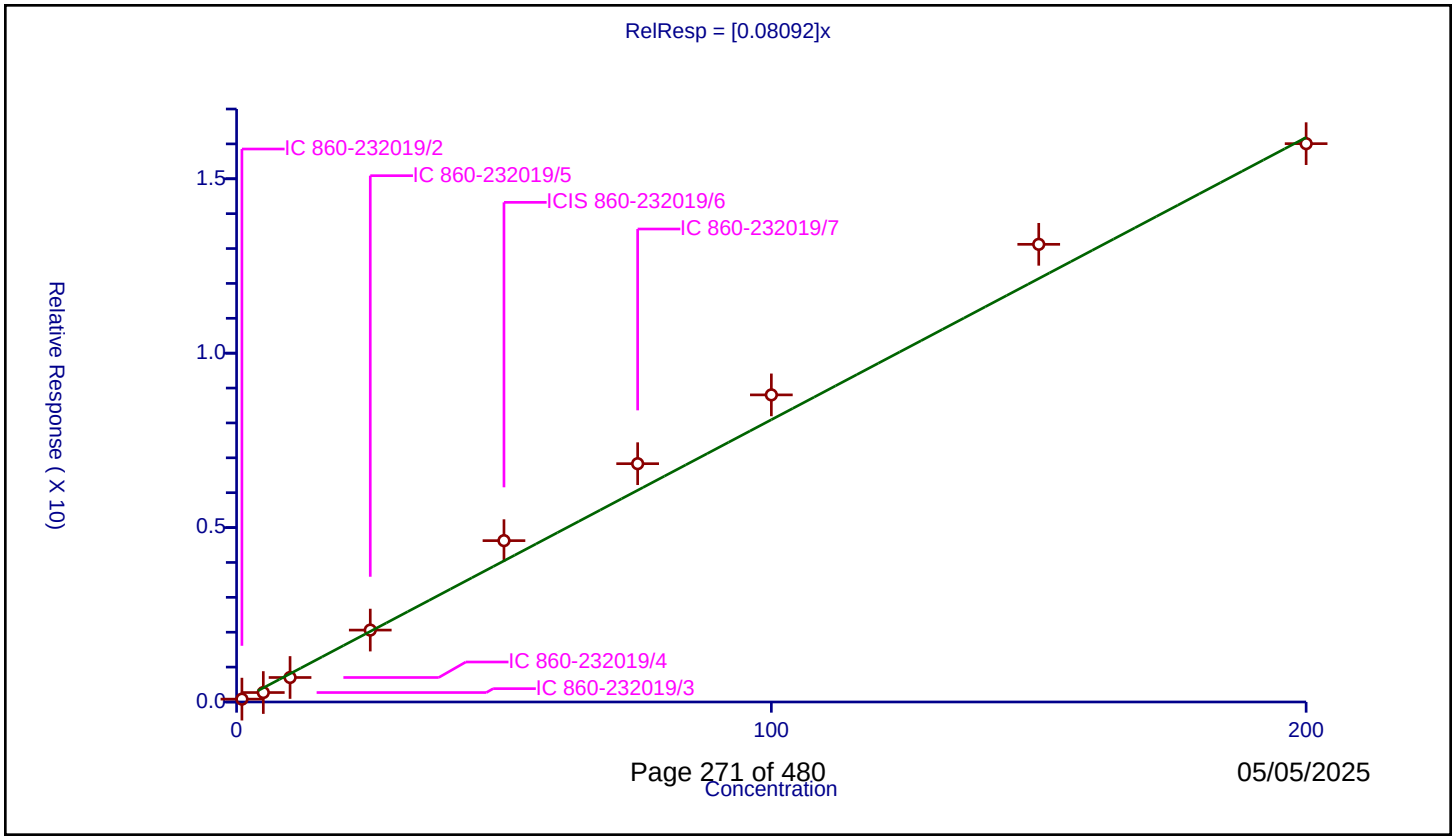
Curve Coefficients

Intercept:	0
Slope:	0.08092

Error Coefficients

Relative Standard Deviation:	14.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	0.082346	50.0	234377.0	0.082346	Y
2	IC 860-232019/3	5.0	0.270747	50.0	246171.0	0.054149	Y
3	IC 860-232019/4	10.0	0.701993	50.0	247652.0	0.070199	Y
4	IC 860-232019/5	25.0	2.061666	50.0	256055.0	0.082467	Y
5	ICIS 860-232019/6	50.0	4.625431	50.0	251382.0	0.092509	Y
6	IC 860-232019/7	75.0	6.831796	50.0	260583.0	0.091091	Y
7	IC 860-232019/8	100.0	8.804392	50.0	270791.0	0.088044	Y
8	IC 860-232019/9	150.0	13.120953	50.0	284160.0	0.087473	Y
9	IC 860-232019/10	200.0	16.00667	50.0	305557.0	0.080033	Y



Calibration / Methyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

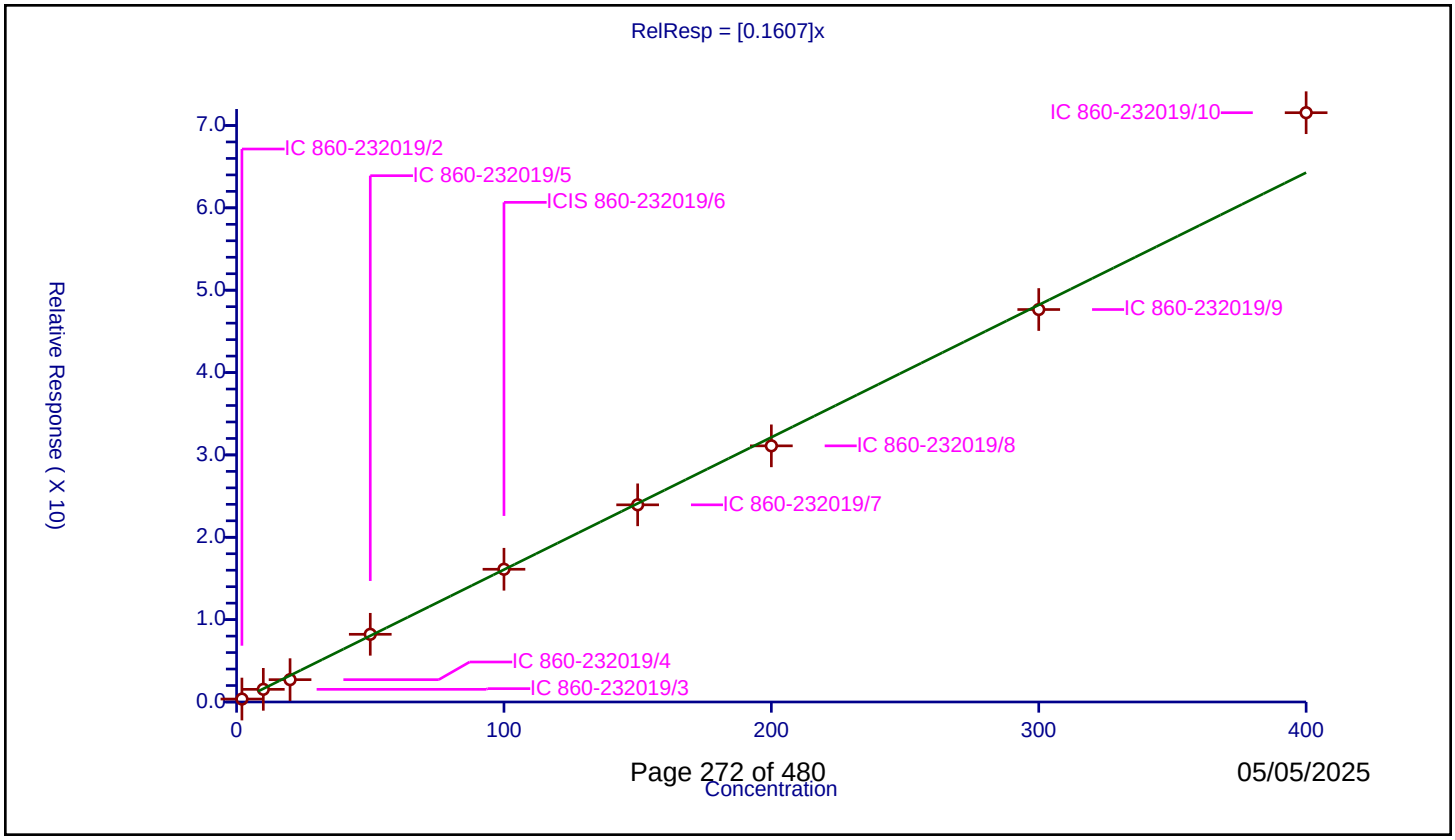
Curve Coefficients

Intercept:	0
Slope:	0.1607

Error Coefficients

Relative Standard Deviation:	8.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	2.0	0.35733	50.0	234377.0	0.178665	Y
2	IC 860-232019/3	10.0	1.536737	50.0	246171.0	0.153674	Y
3	IC 860-232019/4	20.0	2.710457	50.0	247652.0	0.135523	Y
4	IC 860-232019/5	50.0	8.218547	50.0	256055.0	0.164371	Y
5	ICIS 860-232019/6	100.0	16.118099	50.0	251382.0	0.161181	Y
6	IC 860-232019/7	150.0	23.939781	50.0	260583.0	0.159599	Y
7	IC 860-232019/8	200.0	31.103139	50.0	270791.0	0.155516	Y
8	IC 860-232019/9	300.0	47.653259	50.0	284160.0	0.158844	Y
9	IC 860-232019/10	400.0	71.553262	50.0	305557.0	0.178883	Y



Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

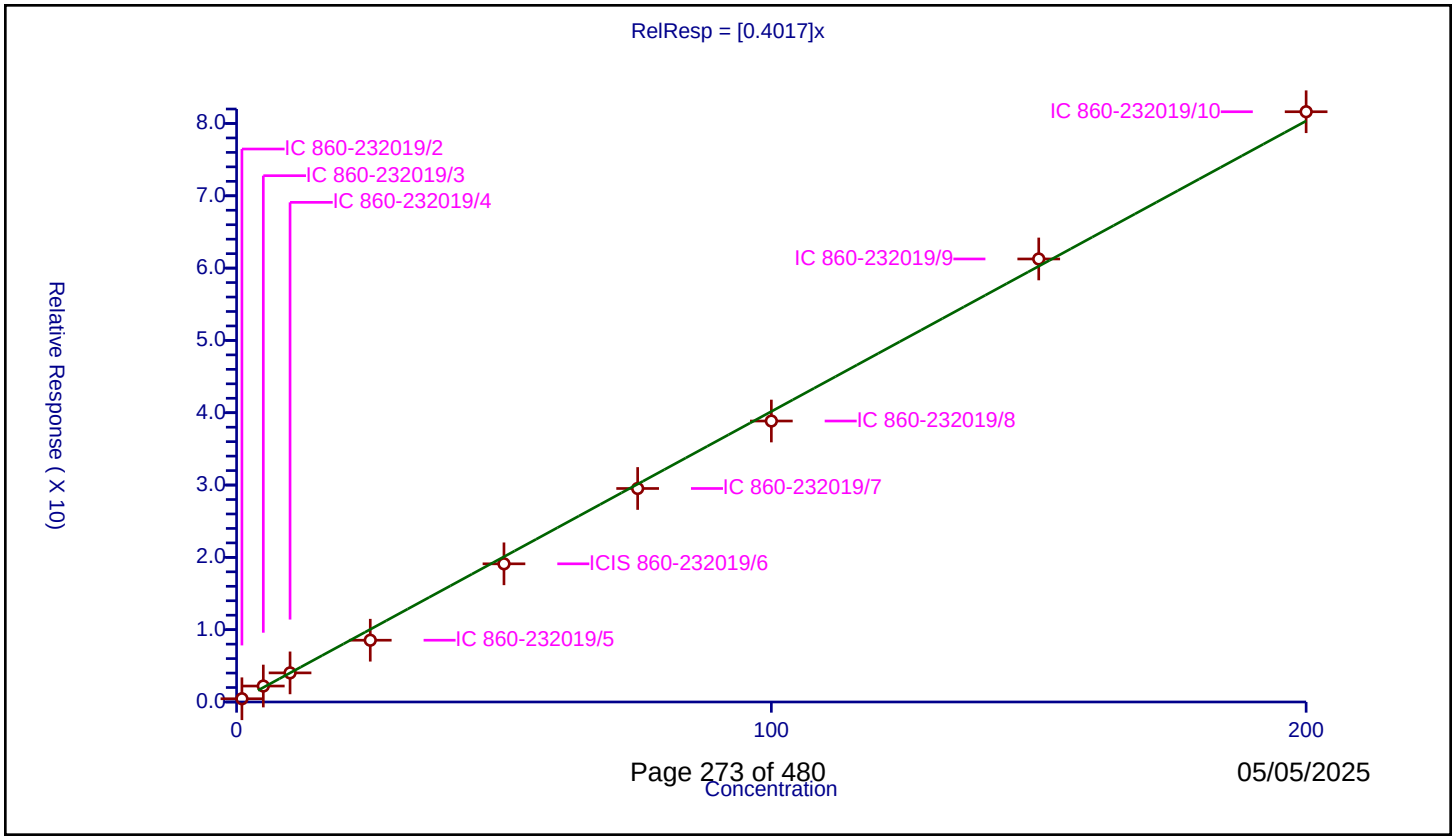
Curve Coefficients

Intercept:	0
Slope:	0.4017

Error Coefficients

Relative Standard Deviation:	7.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	0.449276	50.0	234377.0	0.449276	Y
2	IC 860-232019/3	5.0	2.206799	50.0	246171.0	0.44136	Y
3	IC 860-232019/4	10.0	4.025407	50.0	247652.0	0.402541	Y
4	IC 860-232019/5	25.0	8.540743	50.0	256055.0	0.34163	Y
5	ICIS 860-232019/6	50.0	19.108568	50.0	251382.0	0.382171	Y
6	IC 860-232019/7	75.0	29.523415	50.0	260583.0	0.393646	Y
7	IC 860-232019/8	100.0	38.855797	50.0	270791.0	0.388558	Y
8	IC 860-232019/9	150.0	61.264077	50.0	284160.0	0.408427	Y
9	IC 860-232019/10	200.0	81.623887	50.0	305557.0	0.408119	Y



Calibration / 2-Methyl-2-propanol

Curve Type:	Quadratic
Weighting:	None
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

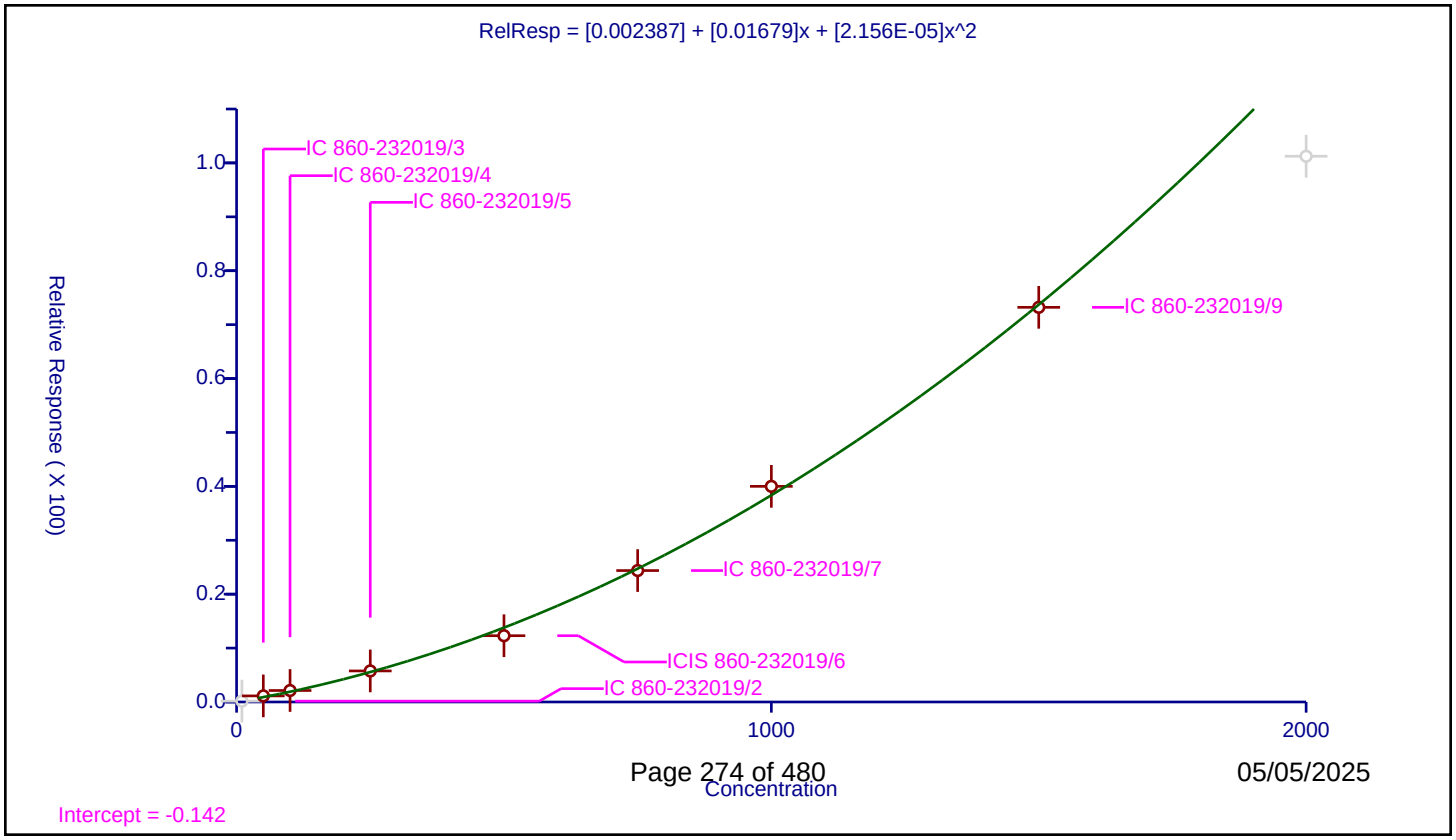
Curve Coefficients

Intercept:	0.002387
Slope:	0.01679
Second Order:	2.156E-05

Error Coefficients

Relative Standard Deviation:	14.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	10.0	0.158505	50.0	234377.0	0.015851	N
2	IC 860-232019/3	50.0	1.129499	50.0	246171.0	0.02259	Y
3	IC 860-232019/4	100.0	2.127582	50.0	247652.0	0.021276	Y
4	IC 860-232019/5	250.0	5.759505	50.0	256055.0	0.023038	Y
5	ICIS 860-232019/6	500.0	12.295431	50.0	251382.0	0.024591	Y
6	IC 860-232019/7	750.0	24.379756	50.0	260583.0	0.032506	Y
7	IC 860-232019/8	1000.0	40.002807	50.0	270791.0	0.040003	Y
8	IC 860-232019/9	1500.0	73.212275	50.0	284160.0	0.048808	Y
9	IC 860-232019/10	2000.0	101.239212	50.0	305557.0	0.05062	N



Calibration / Acrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

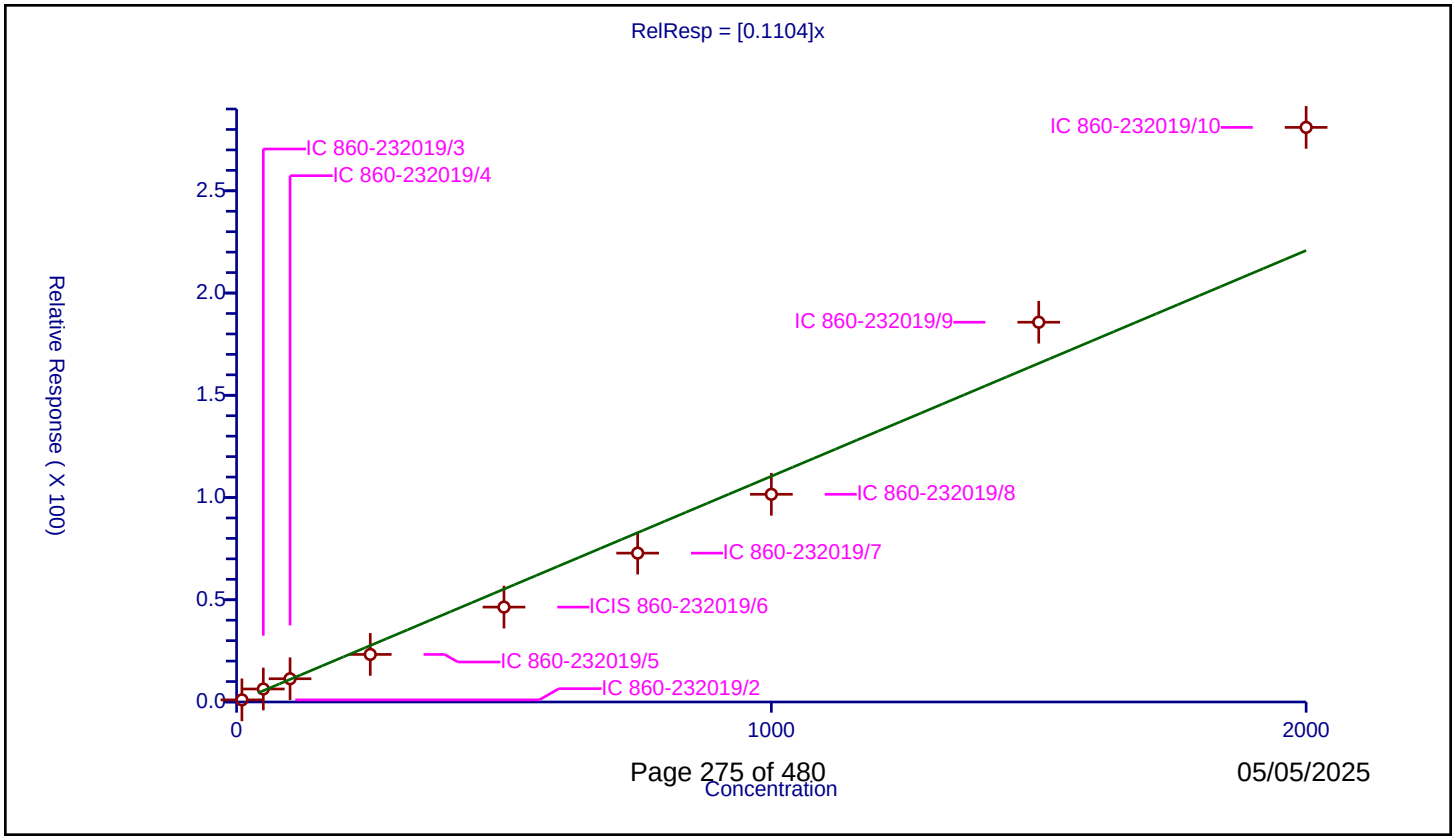
Curve Coefficients

Intercept:	0
Slope:	0.1104

Error Coefficients

Relative Standard Deviation:	15.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	10.0	1.040204	50.0	234377.0	0.10402	Y
2	IC 860-232019/3	50.0	6.353917	50.0	246171.0	0.127078	Y
3	IC 860-232019/4	100.0	11.371198	50.0	247652.0	0.113712	Y
4	IC 860-232019/5	250.0	23.259847	50.0	256055.0	0.093039	Y
5	ICIS 860-232019/6	500.0	46.405868	50.0	251382.0	0.092812	Y
6	IC 860-232019/7	750.0	72.80425	50.0	260583.0	0.097072	Y
7	IC 860-232019/8	1000.0	101.574831	50.0	270791.0	0.101575	Y
8	IC 860-232019/9	1500.0	185.730398	50.0	284160.0	0.12382	Y
9	IC 860-232019/10	2000.0	281.020562	50.0	305557.0	0.14051	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

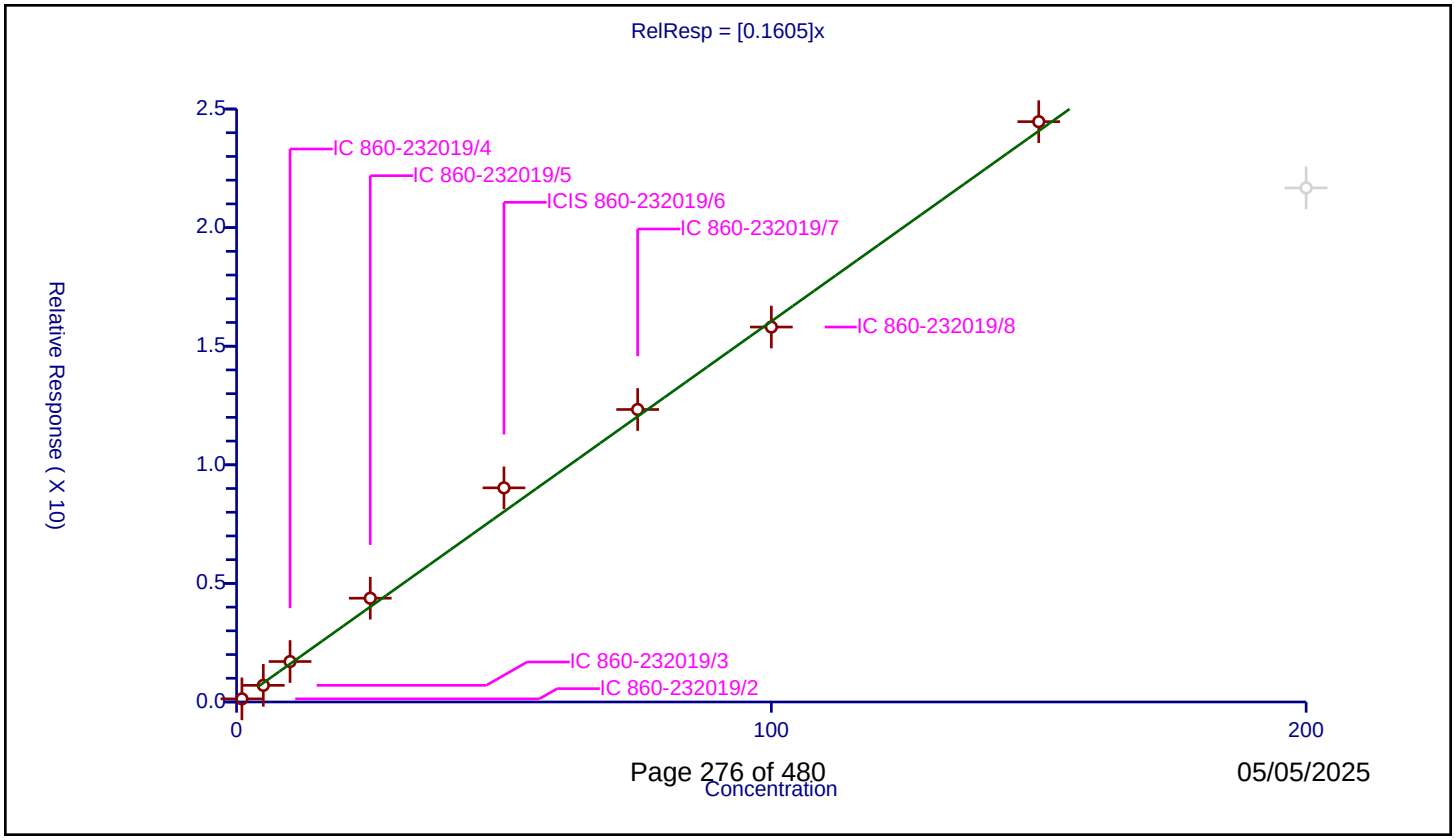
Curve Coefficients

Intercept:	0
Slope:	0.1605

Error Coefficients

Relative Standard Deviation:	10.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	0.131626	50.0	234377.0	0.131626	Y
2	IC 860-232019/3	5.0	0.70256	50.0	246171.0	0.140512	Y
3	IC 860-232019/4	10.0	1.706427	50.0	247652.0	0.170643	Y
4	IC 860-232019/5	25.0	4.375427	50.0	256055.0	0.175017	Y
5	ICIS 860-232019/6	50.0	9.028491	50.0	251382.0	0.18057	Y
6	IC 860-232019/7	75.0	12.331196	50.0	260583.0	0.164416	Y
7	IC 860-232019/8	100.0	15.808317	50.0	270791.0	0.158083	Y
8	IC 860-232019/9	150.0	24.467026	50.0	284160.0	0.163114	Y
9	IC 860-232019/10	200.0	21.673861	50.0	305557.0	0.108369	N



Calibration / Methyl tert-butyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

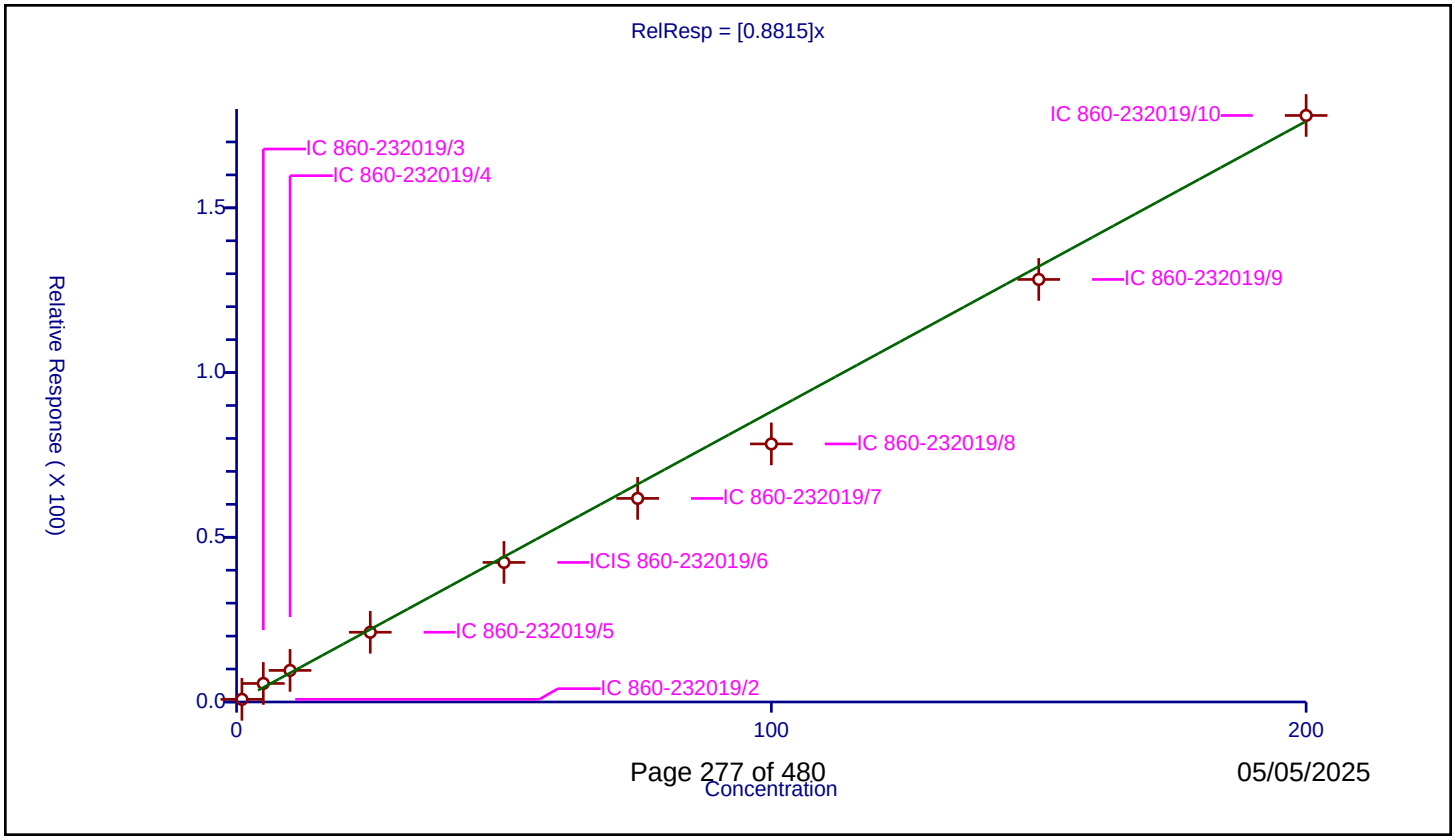
Curve Coefficients

Intercept:	0
Slope:	0.8815

Error Coefficients

Relative Standard Deviation:	11.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	0.803193	50.0	234377.0	0.803193	Y
2	IC 860-232019/3	5.0	5.621702	50.0	246171.0	1.12434	Y
3	IC 860-232019/4	10.0	9.589868	50.0	247652.0	0.958987	Y
4	IC 860-232019/5	25.0	21.168499	50.0	256055.0	0.84674	Y
5	ICIS 860-232019/6	50.0	42.362818	50.0	251382.0	0.847256	Y
6	IC 860-232019/7	75.0	61.801806	50.0	260583.0	0.824024	Y
7	IC 860-232019/8	100.0	78.333844	50.0	270791.0	0.783338	Y
8	IC 860-232019/9	150.0	128.267701	50.0	284160.0	0.855118	Y
9	IC 860-232019/10	200.0	178.040758	50.0	305557.0	0.890204	Y



Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

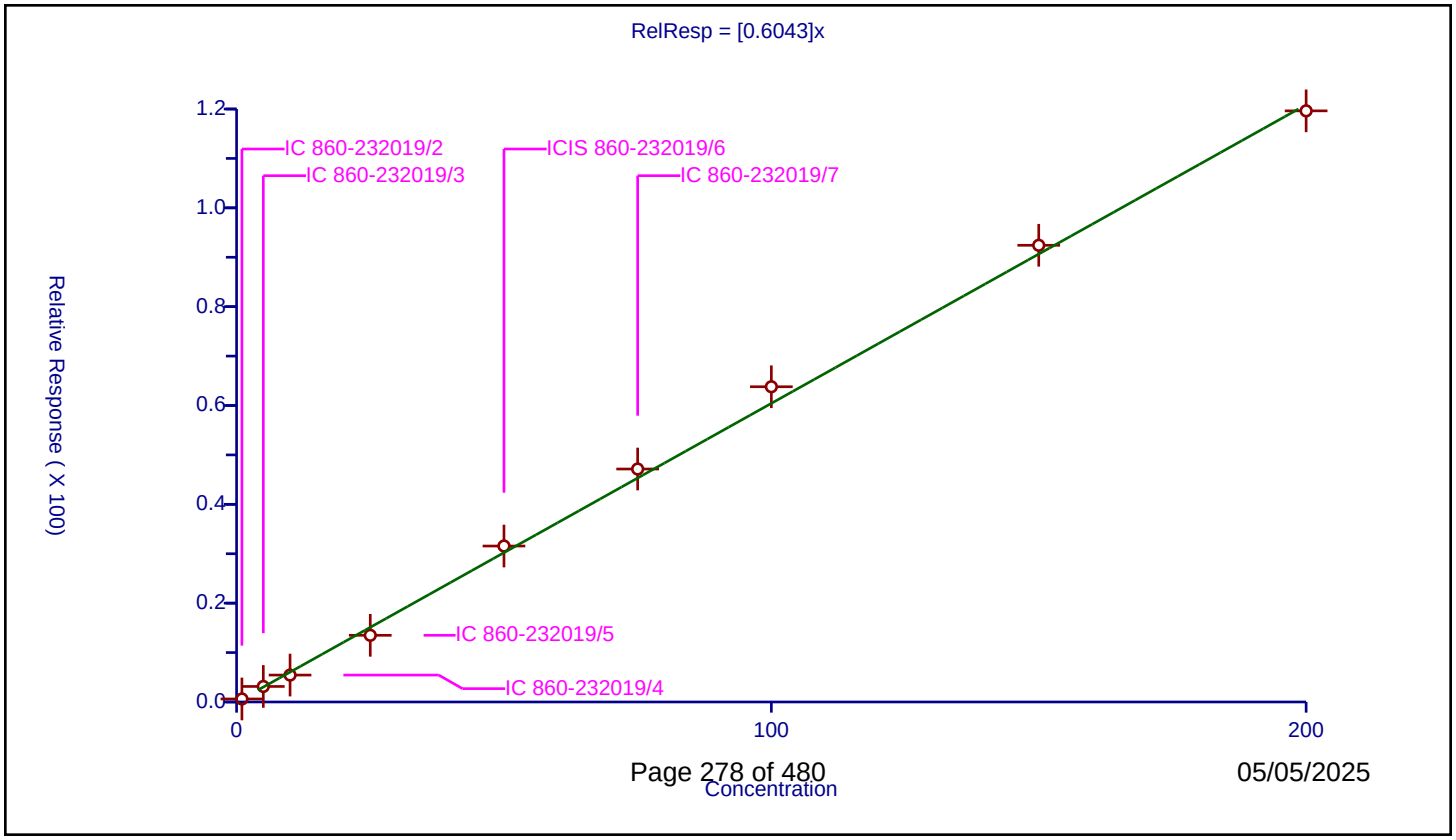
Curve Coefficients

Intercept:	0
Slope:	0.6043

Error Coefficients

Relative Standard Deviation:	6.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	0.613541	50.0	234377.0	0.613541	Y
2	IC 860-232019/3	5.0	3.141312	50.0	246171.0	0.628262	Y
3	IC 860-232019/4	10.0	5.449986	50.0	247652.0	0.544999	Y
4	IC 860-232019/5	25.0	13.496319	50.0	256055.0	0.539853	Y
5	ICIS 860-232019/6	50.0	31.563119	50.0	251382.0	0.631262	Y
6	IC 860-232019/7	75.0	47.145439	50.0	260583.0	0.628606	Y
7	IC 860-232019/8	100.0	63.797172	50.0	270791.0	0.637972	Y
8	IC 860-232019/9	150.0	92.421171	50.0	284160.0	0.616141	Y
9	IC 860-232019/10	200.0	119.629562	50.0	305557.0	0.598148	Y



Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

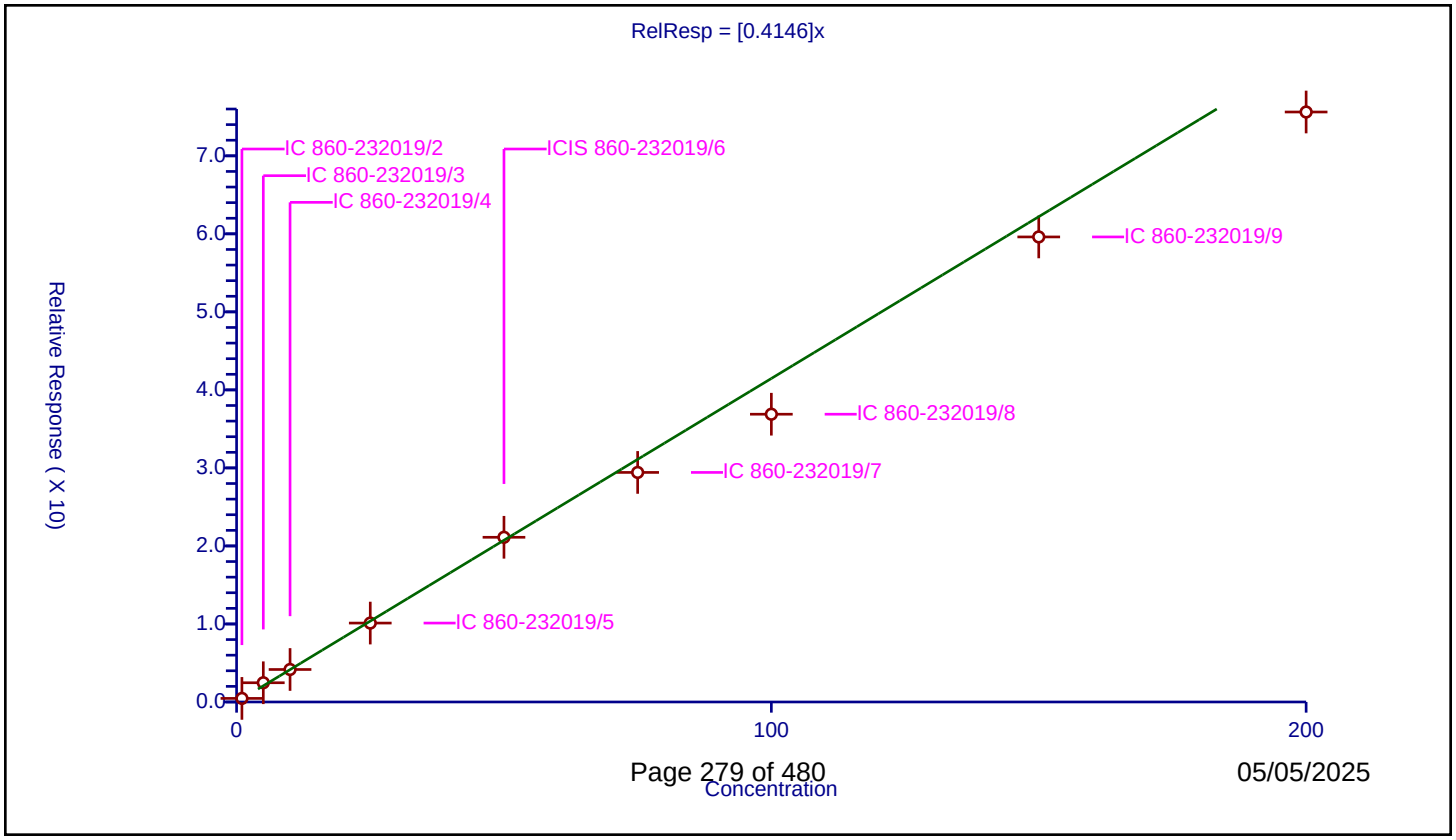
Curve Coefficients

Intercept:	0
Slope:	0.4146

Error Coefficients

Relative Standard Deviation:	9.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	0.458663	50.0	234377.0	0.458663	Y
2	IC 860-232019/3	5.0	2.466172	50.0	246171.0	0.493234	Y
3	IC 860-232019/4	10.0	4.165523	50.0	247652.0	0.416552	Y
4	IC 860-232019/5	25.0	10.114038	50.0	256055.0	0.404562	Y
5	ICIS 860-232019/6	50.0	21.109706	50.0	251382.0	0.422194	Y
6	IC 860-232019/7	75.0	29.42076	50.0	260583.0	0.392277	Y
7	IC 860-232019/8	100.0	36.88435	50.0	270791.0	0.368843	Y
8	IC 860-232019/9	150.0	59.606032	50.0	284160.0	0.397374	Y
9	IC 860-232019/10	200.0	75.617479	50.0	305557.0	0.378087	Y



Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

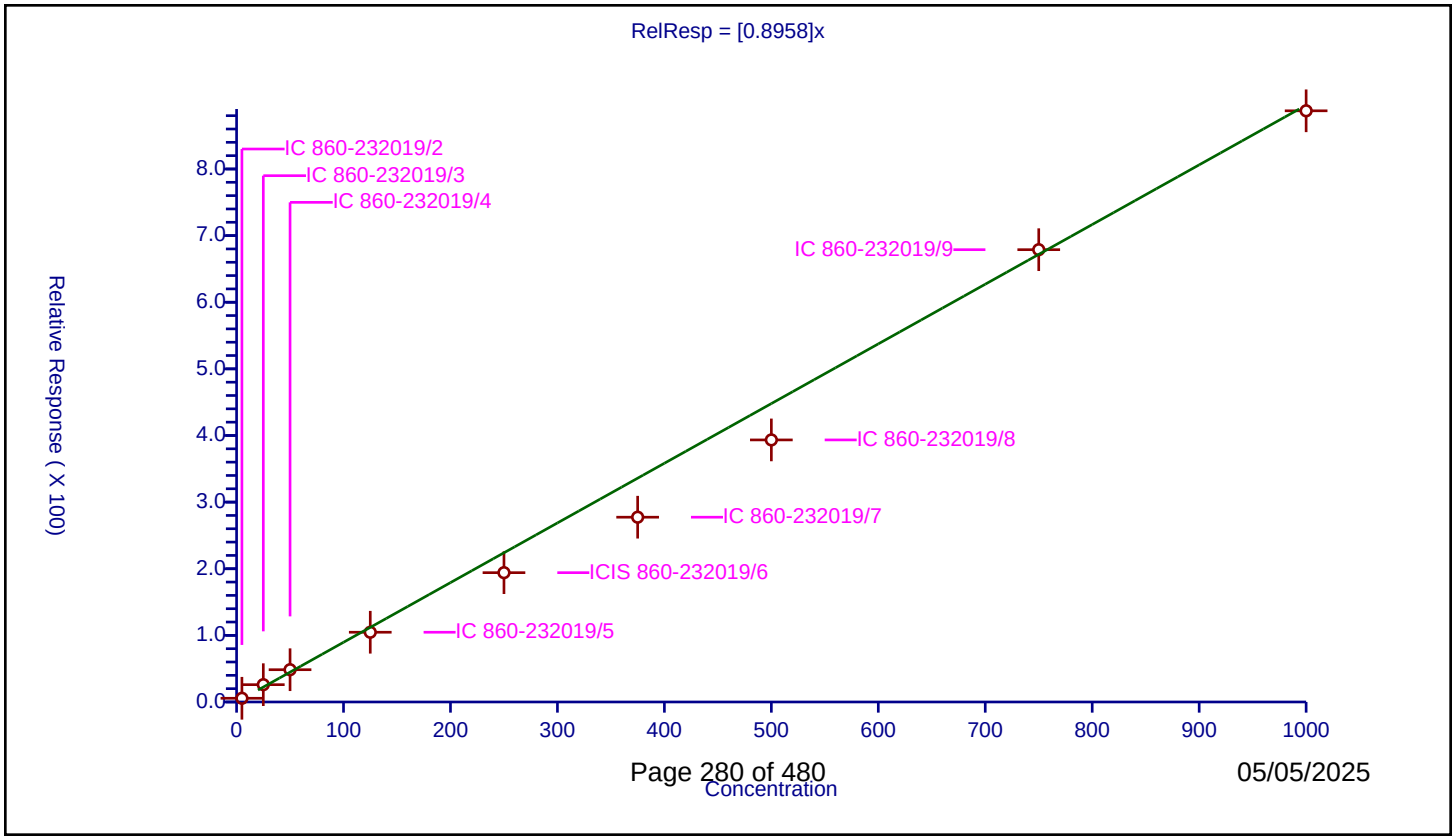
Curve Coefficients

Intercept:	0
Slope:	0.8958

Error Coefficients

Relative Standard Deviation:	14.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	5.0	5.598672	50.0	234377.0	1.119734	Y
2	IC 860-232019/3	25.0	26.007531	50.0	246171.0	1.040301	Y
3	IC 860-232019/4	50.0	48.458321	50.0	247652.0	0.969166	Y
4	IC 860-232019/5	125.0	104.674582	50.0	256055.0	0.837397	Y
5	ICIS 860-232019/6	250.0	194.115132	50.0	251382.0	0.776461	Y
6	IC 860-232019/7	375.0	277.36345	50.0	260583.0	0.739636	Y
7	IC 860-232019/8	500.0	393.331758	50.0	270791.0	0.786664	Y
8	IC 860-232019/9	750.0	678.860677	50.0	284160.0	0.905148	Y
9	IC 860-232019/10	1000.0	887.302042	50.0	305557.0	0.887302	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

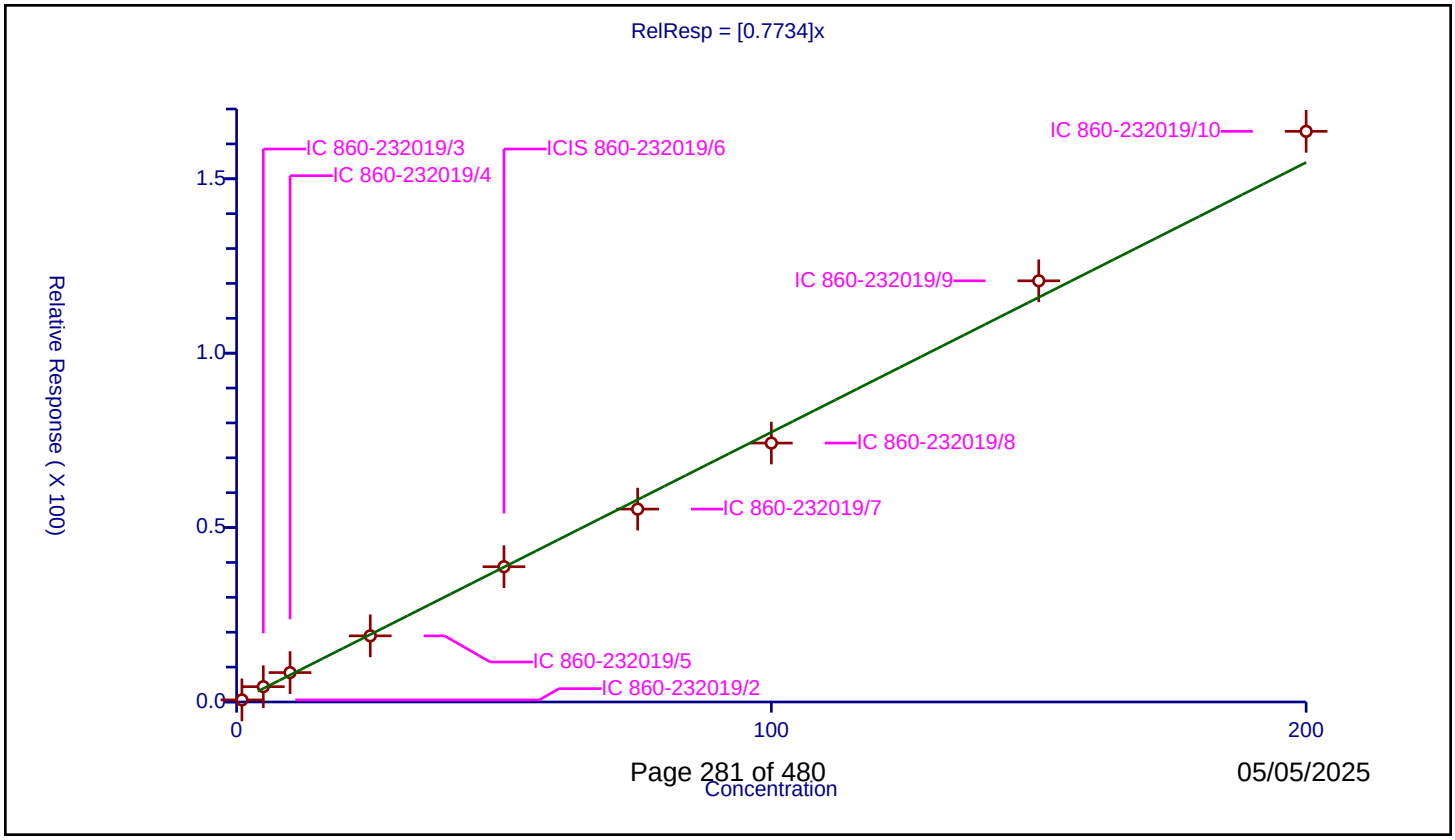
Curve Coefficients

Intercept:	0
Slope:	0.7734

Error Coefficients

Relative Standard Deviation:	10.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	0.602235	50.0	234377.0	0.602235	Y
2	IC 860-232019/3	5.0	4.391866	50.0	246171.0	0.878373	Y
3	IC 860-232019/4	10.0	8.428965	50.0	247652.0	0.842896	Y
4	IC 860-232019/5	25.0	18.96409	50.0	256055.0	0.758564	Y
5	ICIS 860-232019/6	50.0	38.783405	50.0	251382.0	0.775668	Y
6	IC 860-232019/7	75.0	55.298696	50.0	260583.0	0.737316	Y
7	IC 860-232019/8	100.0	74.231603	50.0	270791.0	0.742316	Y
8	IC 860-232019/9	150.0	120.753801	50.0	284160.0	0.805025	Y
9	IC 860-232019/10	200.0	163.603845	50.0	305557.0	0.818019	Y



Calibration / Isopropyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

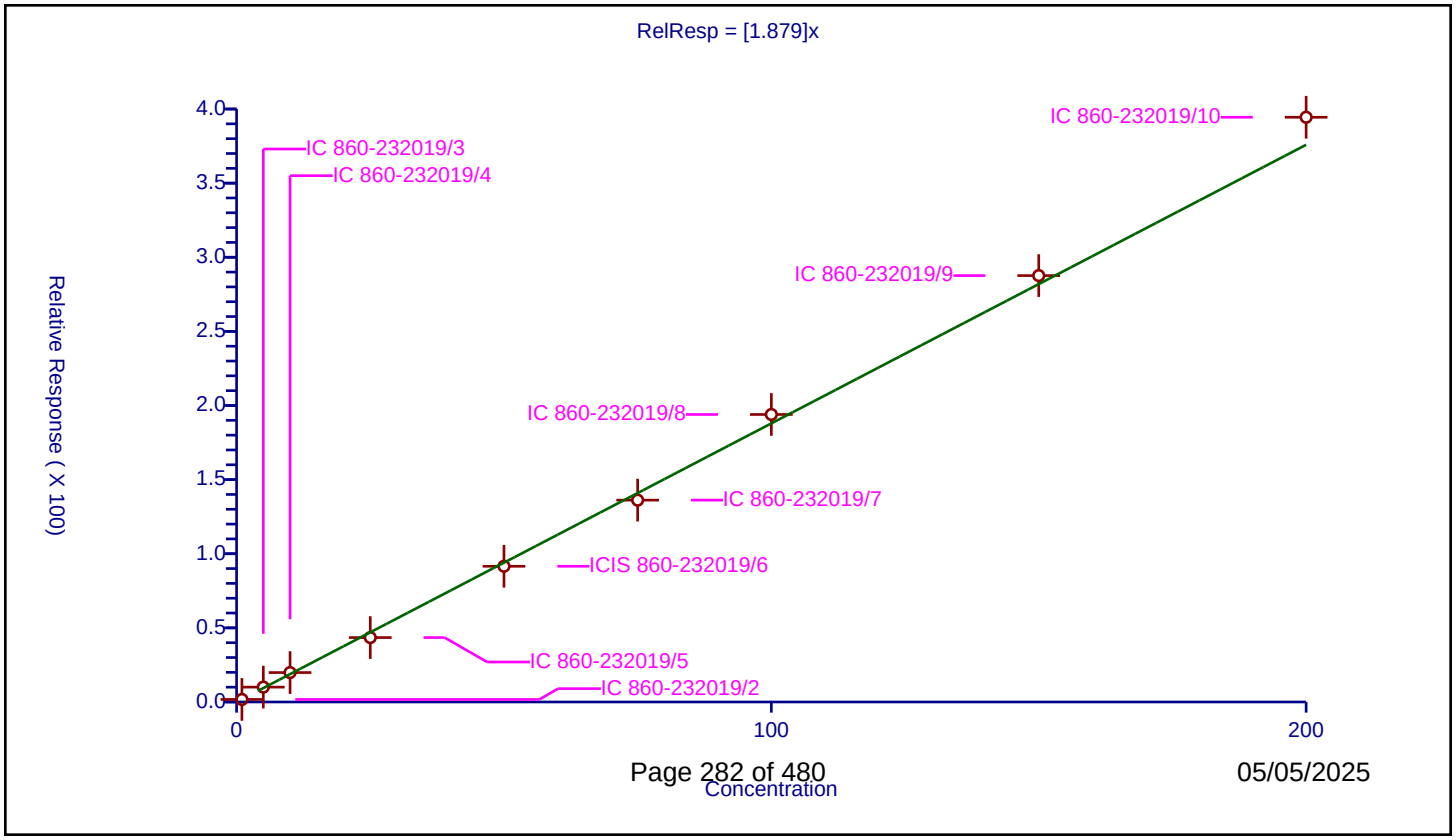
Curve Coefficients

Intercept:	0
Slope:	1.879

Error Coefficients

Relative Standard Deviation:	5.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	1.709425	50.0	234377.0	1.709425	Y
2	IC 860-232019/3	5.0	10.025754	50.0	246171.0	2.005151	Y
3	IC 860-232019/4	10.0	19.850637	50.0	247652.0	1.985064	Y
4	IC 860-232019/5	25.0	43.454336	50.0	256055.0	1.738173	Y
5	ICIS 860-232019/6	50.0	91.55568	50.0	251382.0	1.831114	Y
6	IC 860-232019/7	75.0	136.166788	50.0	260583.0	1.815557	Y
7	IC 860-232019/8	100.0	193.941822	50.0	270791.0	1.939418	Y
8	IC 860-232019/9	150.0	287.619475	50.0	284160.0	1.917463	Y
9	IC 860-232019/10	200.0	394.440644	50.0	305557.0	1.972203	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

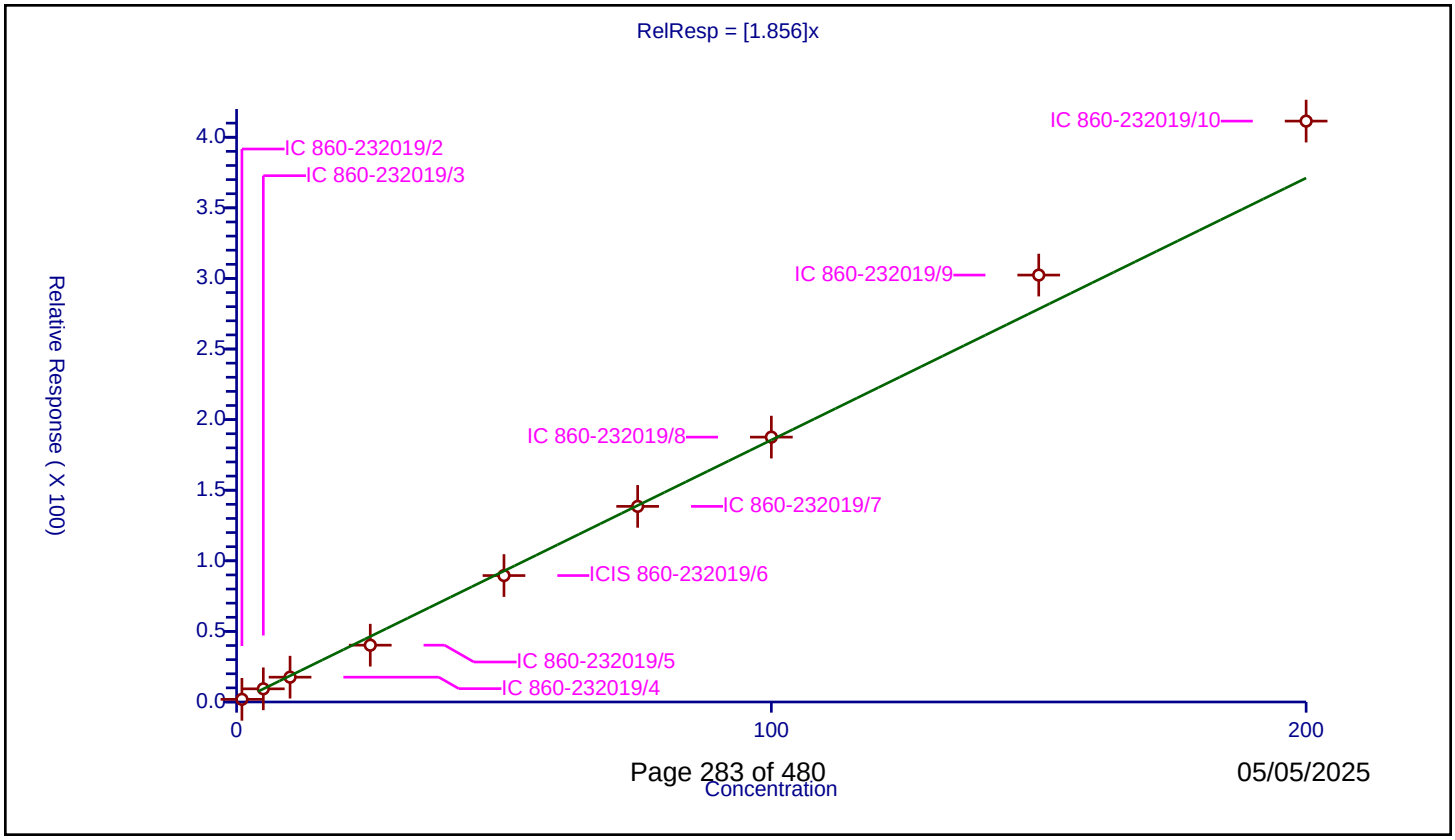
Curve Coefficients

Intercept:	0
Slope:	1.856

Error Coefficients

Relative Standard Deviation:	7.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	1.881371	50.0	234377.0	1.881371	Y
2	IC 860-232019/3	5.0	9.3236	50.0	246171.0	1.86472	Y
3	IC 860-232019/4	10.0	17.574863	50.0	247652.0	1.757486	Y
4	IC 860-232019/5	25.0	40.237058	50.0	256055.0	1.609482	Y
5	ICIS 860-232019/6	50.0	89.554542	50.0	251382.0	1.791091	Y
6	IC 860-232019/7	75.0	138.5524	50.0	260583.0	1.847365	Y
7	IC 860-232019/8	100.0	187.611848	50.0	270791.0	1.876118	Y
8	IC 860-232019/9	150.0	302.377006	50.0	284160.0	2.015847	Y
9	IC 860-232019/10	200.0	411.436164	50.0	305557.0	2.057181	Y



Calibration / 2,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

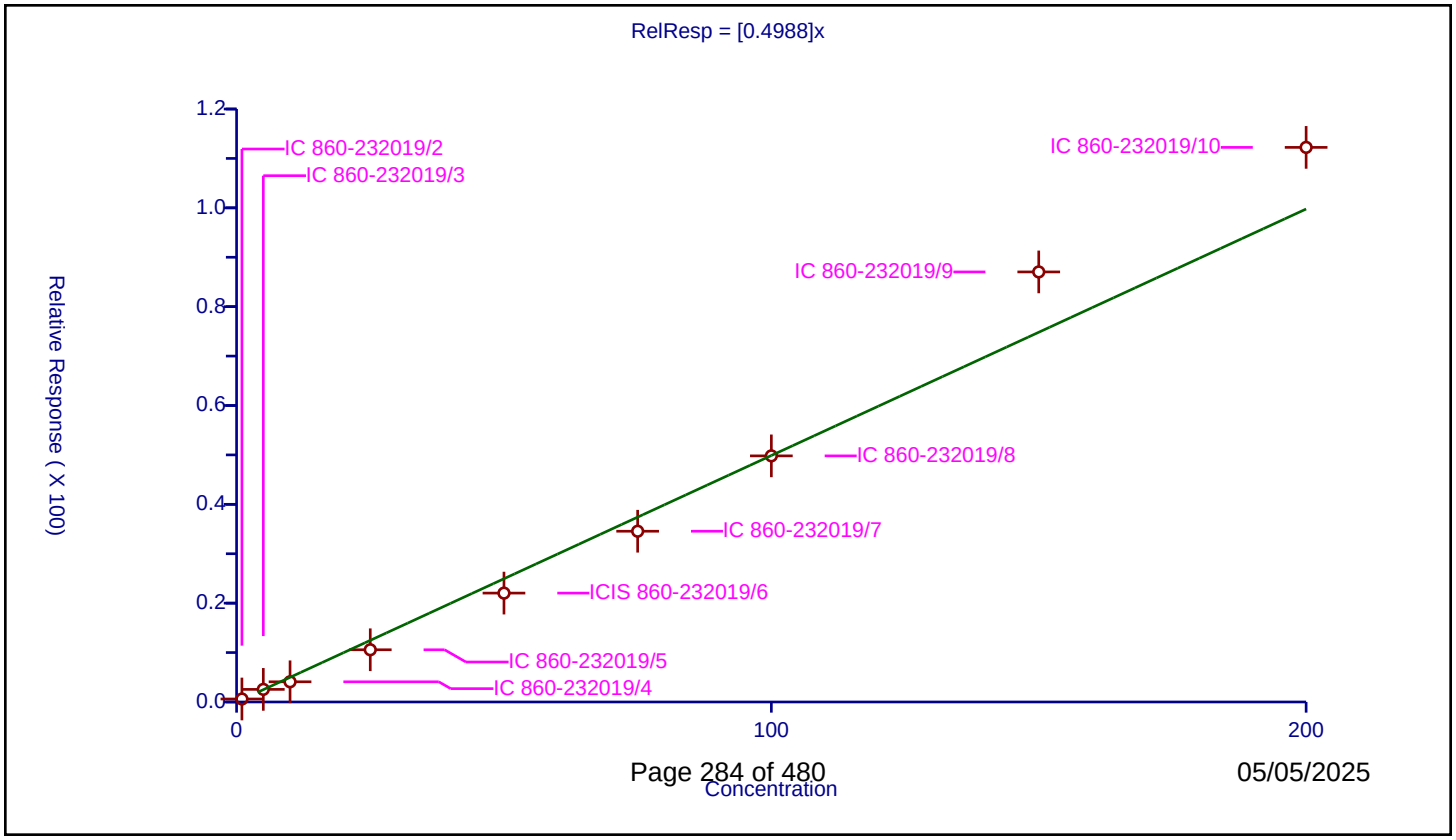
Curve Coefficients

Intercept:	0
Slope:	0.4988

Error Coefficients

Relative Standard Deviation:	14.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	0.606715	50.0	234377.0	0.606715	Y
2	IC 860-232019/3	5.0	2.550666	50.0	246171.0	0.510133	Y
3	IC 860-232019/4	10.0	4.0886	50.0	247652.0	0.40886	Y
4	IC 860-232019/5	25.0	10.568237	50.0	256055.0	0.422729	Y
5	ICIS 860-232019/6	50.0	22.033996	50.0	251382.0	0.44068	Y
6	IC 860-232019/7	75.0	34.55732	50.0	260583.0	0.460764	Y
7	IC 860-232019/8	100.0	49.805385	50.0	270791.0	0.498054	Y
8	IC 860-232019/9	150.0	87.032482	50.0	284160.0	0.580217	Y
9	IC 860-232019/10	200.0	112.233888	50.0	305557.0	0.561169	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

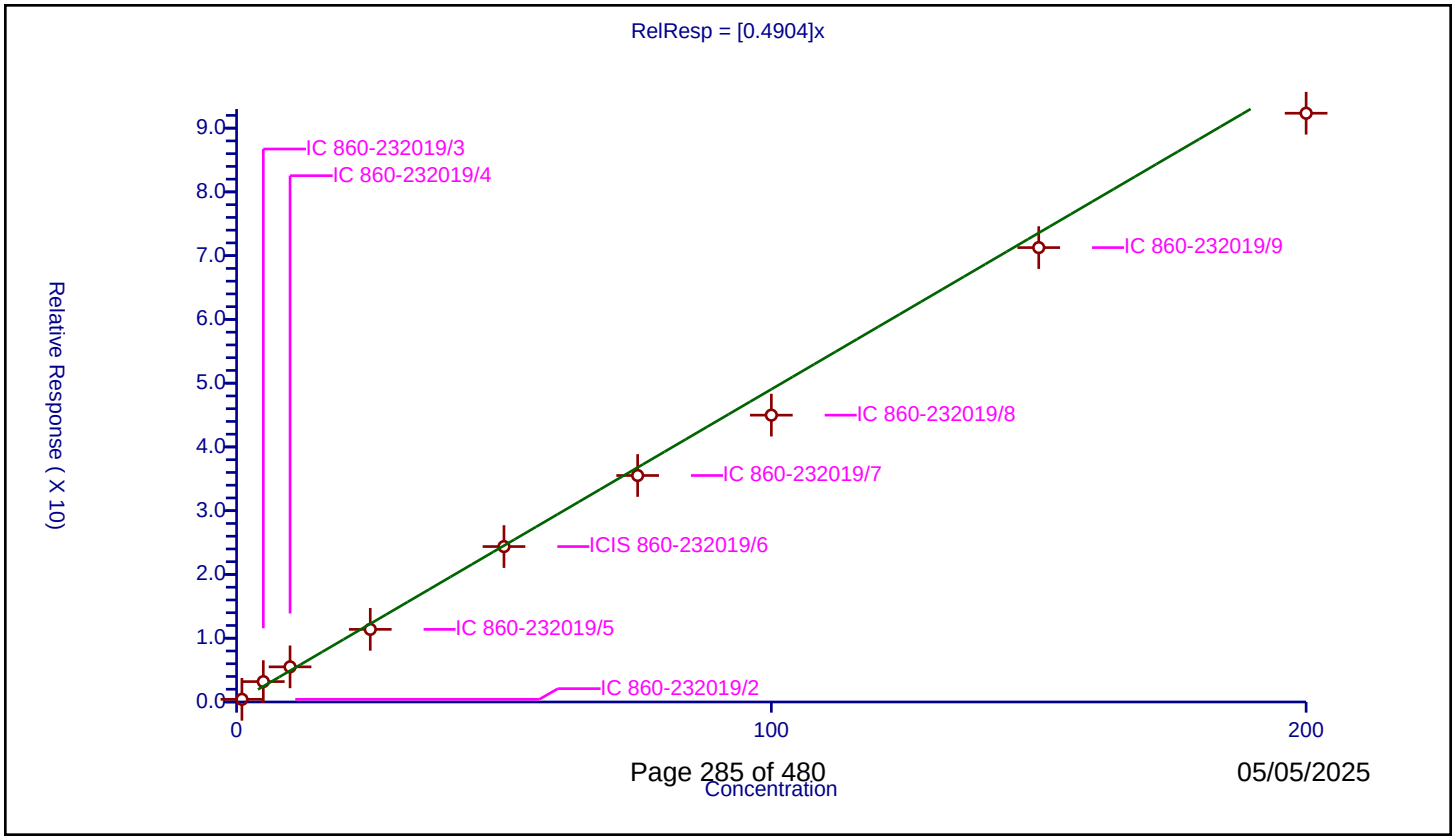
Curve Coefficients

Intercept:	0
Slope:	0.4904

Error Coefficients

Relative Standard Deviation:	13.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	0.41941	50.0	234377.0	0.41941	Y
2	IC 860-232019/3	5.0	3.199402	50.0	246171.0	0.63988	Y
3	IC 860-232019/4	10.0	5.51217	50.0	247652.0	0.551217	Y
4	IC 860-232019/5	25.0	11.392084	50.0	256055.0	0.455683	Y
5	ICIS 860-232019/6	50.0	24.375055	50.0	251382.0	0.487501	Y
6	IC 860-232019/7	75.0	35.522079	50.0	260583.0	0.473628	Y
7	IC 860-232019/8	100.0	44.987832	50.0	270791.0	0.449878	Y
8	IC 860-232019/9	150.0	71.262669	50.0	284160.0	0.475084	Y
9	IC 860-232019/10	200.0	92.339236	50.0	305557.0	0.461696	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

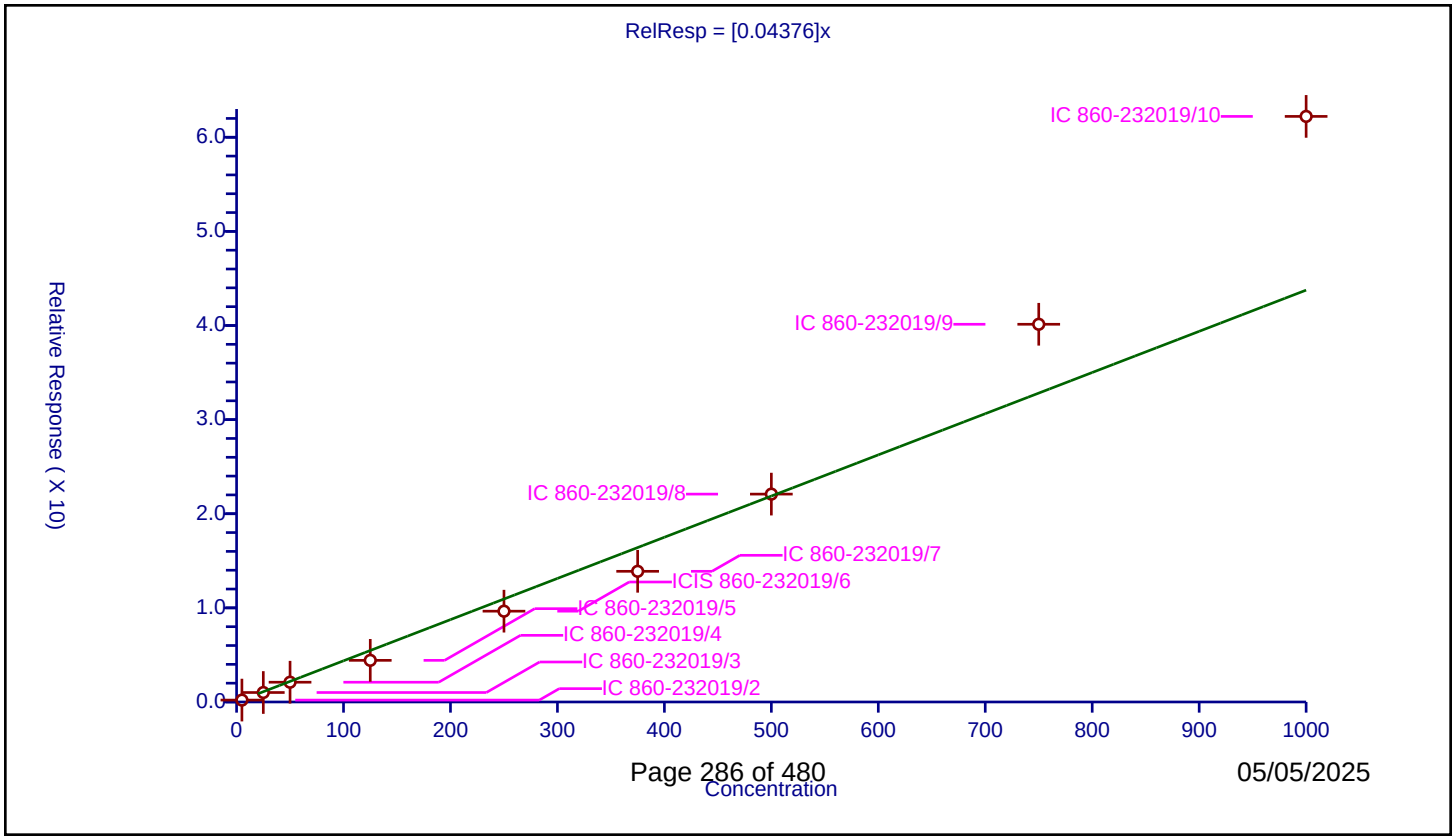
Curve Coefficients

Intercept:	0
Slope:	0.04376

Error Coefficients

Relative Standard Deviation:	19.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	5.0	0.203092	50.0	234377.0	0.040618	Y
2	IC 860-232019/3	25.0	1.007024	50.0	246171.0	0.040281	Y
3	IC 860-232019/4	50.0	2.100326	50.0	247652.0	0.042007	Y
4	IC 860-232019/5	125.0	4.424245	50.0	256055.0	0.035394	Y
5	ICIS 860-232019/6	250.0	9.647071	50.0	251382.0	0.038588	Y
6	IC 860-232019/7	375.0	13.883101	50.0	260583.0	0.037022	Y
7	IC 860-232019/8	500.0	22.085668	50.0	270791.0	0.044171	Y
8	IC 860-232019/9	750.0	40.131264	50.0	284160.0	0.053508	Y
9	IC 860-232019/10	1000.0	62.21556	50.0	305557.0	0.062216	Y



Calibration / Propionitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

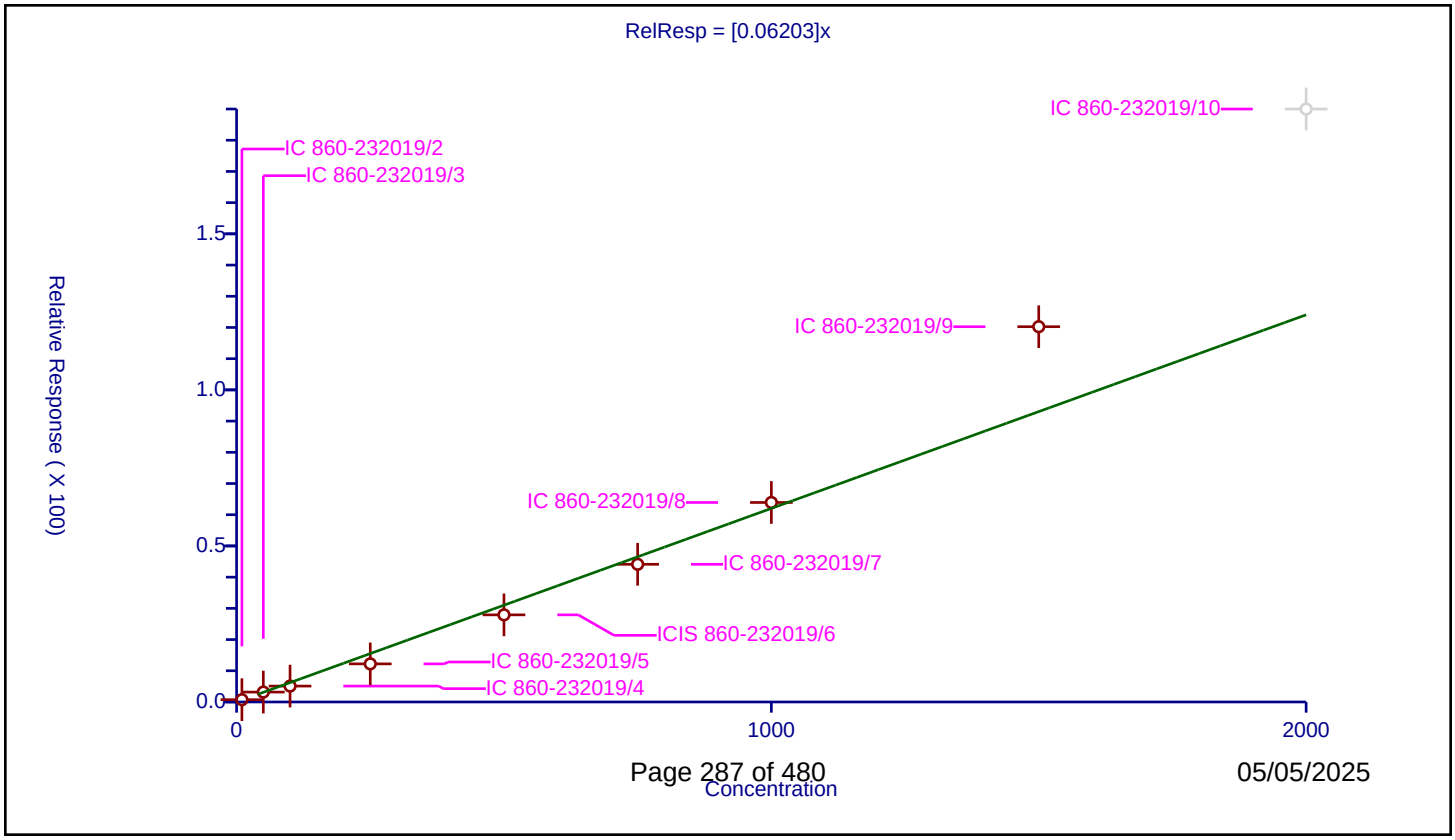
Curve Coefficients

Intercept:	0
Slope:	0.06203

Error Coefficients

Relative Standard Deviation:	17.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	10.0	0.741967	50.0	234377.0	0.074197	Y
2	IC 860-232019/3	50.0	3.172185	50.0	246171.0	0.063444	Y
3	IC 860-232019/4	100.0	5.095053	50.0	247652.0	0.050951	Y
4	IC 860-232019/5	250.0	12.217492	50.0	256055.0	0.04887	Y
5	ICIS 860-232019/6	500.0	27.921251	50.0	251382.0	0.055843	Y
6	IC 860-232019/7	750.0	44.121835	50.0	260583.0	0.058829	Y
7	IC 860-232019/8	1000.0	63.926977	50.0	270791.0	0.063927	Y
8	IC 860-232019/9	1500.0	120.250915	50.0	284160.0	0.080167	Y
9	IC 860-232019/10	2000.0	189.995156	50.0	305557.0	0.094998	N



Calibration / Ethyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

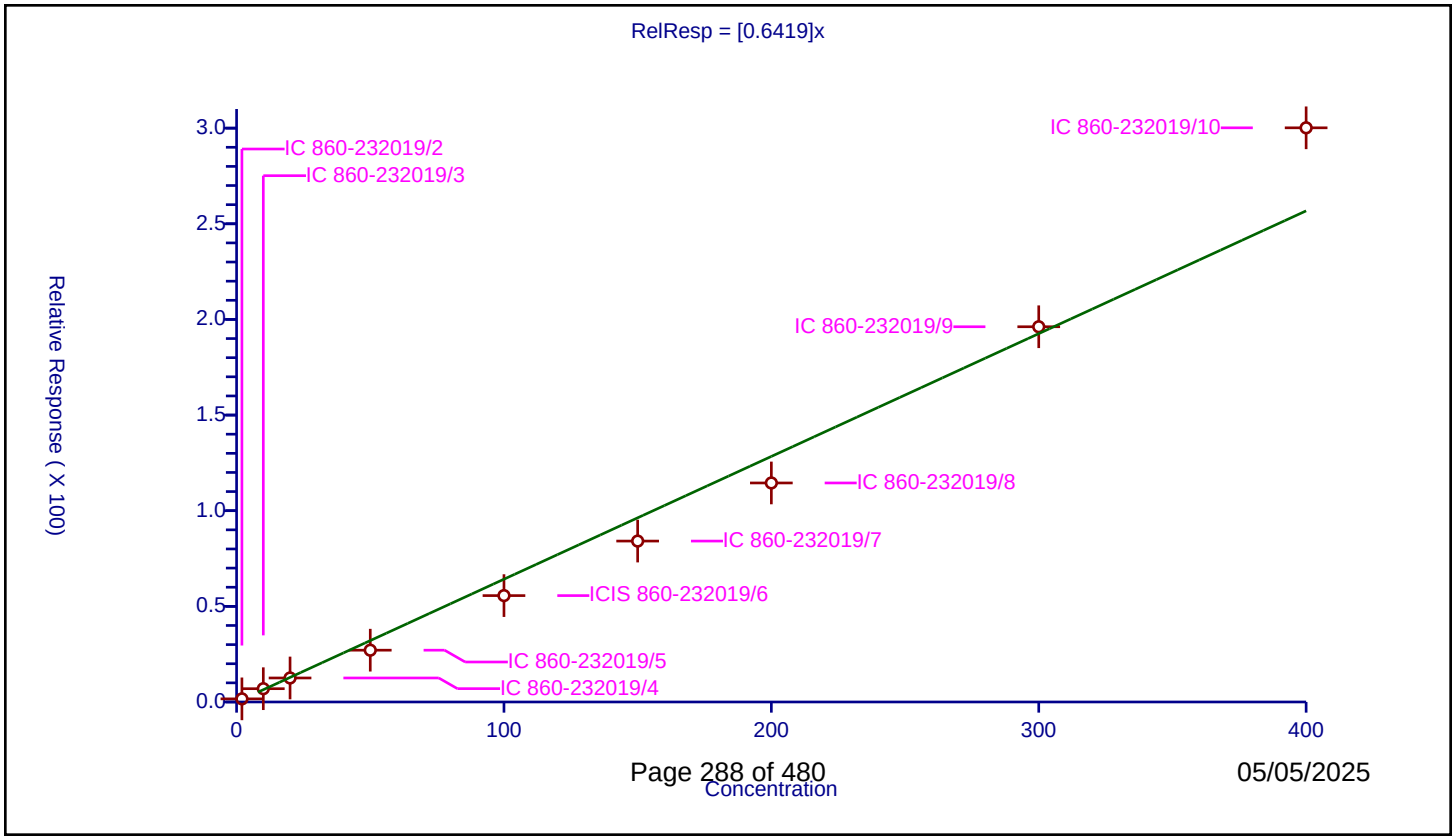
Curve Coefficients

Intercept:	0
Slope:	0.6419

Error Coefficients

Relative Standard Deviation:	15.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	2.0	1.636466	50.0	234377.0	0.818233	Y
2	IC 860-232019/3	10.0	6.955125	50.0	246171.0	0.695512	Y
3	IC 860-232019/4	20.0	12.557742	50.0	247652.0	0.627887	Y
4	IC 860-232019/5	50.0	27.074847	50.0	256055.0	0.541497	Y
5	ICIS 860-232019/6	100.0	55.619137	50.0	251382.0	0.556191	Y
6	IC 860-232019/7	150.0	84.122909	50.0	260583.0	0.560819	Y
7	IC 860-232019/8	200.0	114.501959	50.0	270791.0	0.57251	Y
8	IC 860-232019/9	300.0	196.170467	50.0	284160.0	0.653902	Y
9	IC 860-232019/10	400.0	300.165763	50.0	305557.0	0.750414	Y



Calibration / Methacrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

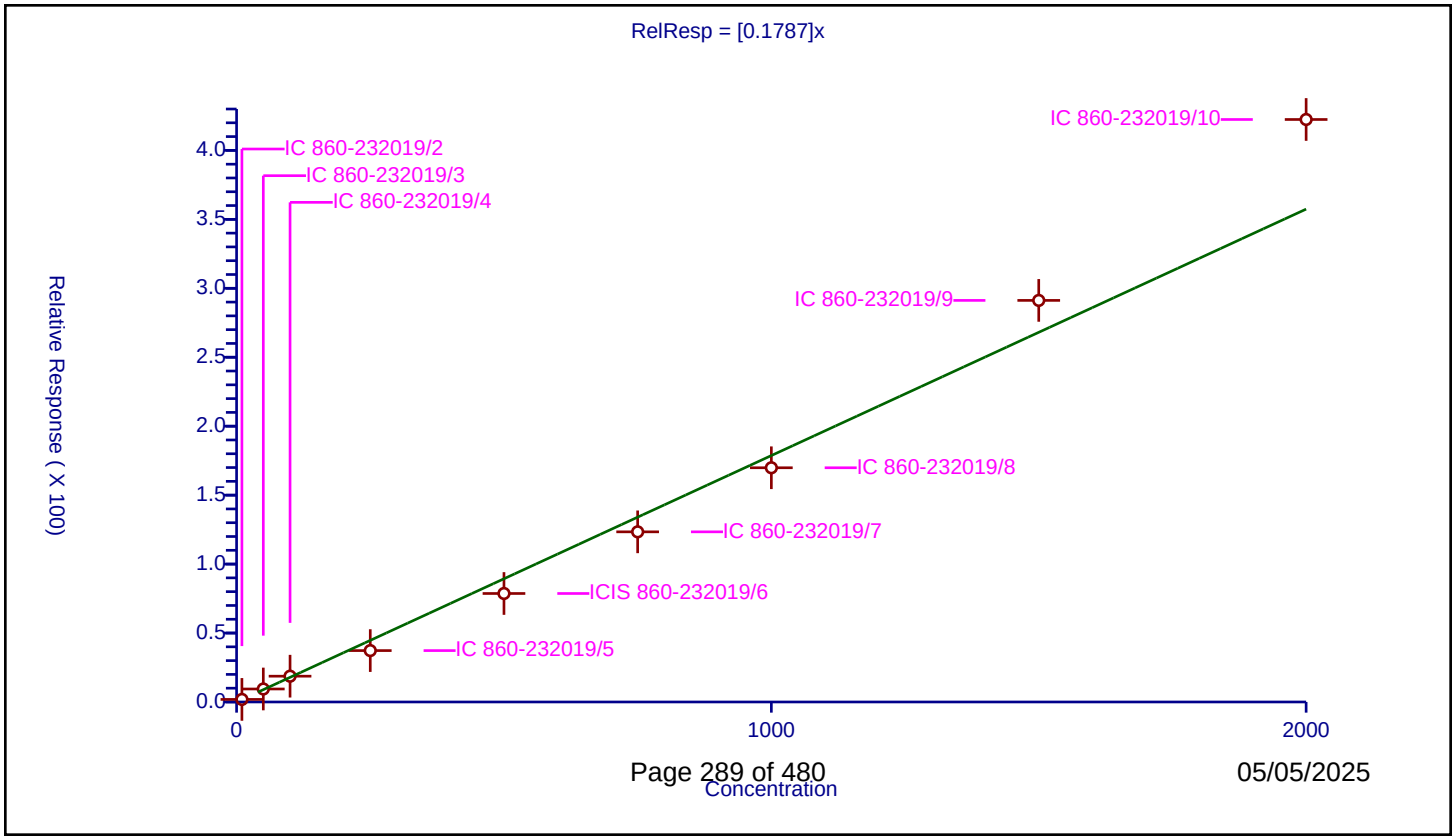
Curve Coefficients

Intercept:	0
Slope:	0.1787

Error Coefficients

Relative Standard Deviation:	11.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	10.0	1.865584	50.0	234377.0	0.186558	Y
2	IC 860-232019/3	50.0	9.427187	50.0	246171.0	0.188544	Y
3	IC 860-232019/4	100.0	18.710529	50.0	247652.0	0.187105	Y
4	IC 860-232019/5	250.0	37.265822	50.0	256055.0	0.149063	Y
5	ICIS 860-232019/6	500.0	78.67946	50.0	251382.0	0.157359	Y
6	IC 860-232019/7	750.0	123.38372	50.0	260583.0	0.164512	Y
7	IC 860-232019/8	1000.0	169.84741	50.0	270791.0	0.169847	Y
8	IC 860-232019/9	1500.0	291.204427	50.0	284160.0	0.194136	Y
9	IC 860-232019/10	2000.0	422.400567	50.0	305557.0	0.2112	Y



Calibration / Chlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

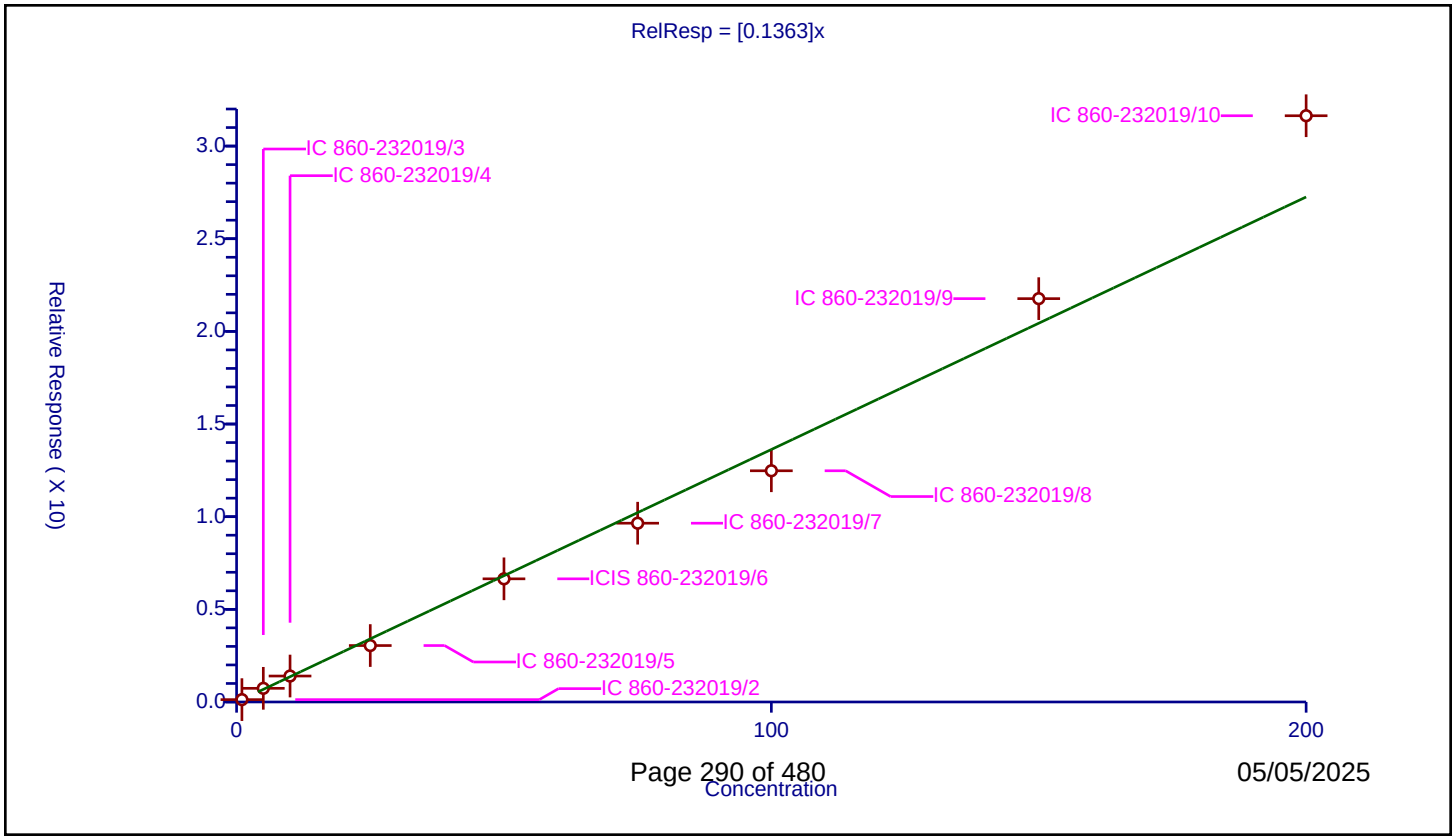
Curve Coefficients

Intercept:	0
Slope:	0.1363

Error Coefficients

Relative Standard Deviation:	8.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	0.127359	50.0	234377.0	0.127359	Y
2	IC 860-232019/3	5.0	0.737292	50.0	246171.0	0.147458	Y
3	IC 860-232019/4	10.0	1.400756	50.0	247652.0	0.140076	Y
4	IC 860-232019/5	25.0	3.046416	50.0	256055.0	0.121857	Y
5	ICIS 860-232019/6	50.0	6.646259	50.0	251382.0	0.132925	Y
6	IC 860-232019/7	75.0	9.64779	50.0	260583.0	0.128637	Y
7	IC 860-232019/8	100.0	12.476781	50.0	270791.0	0.124768	Y
8	IC 860-232019/9	150.0	21.767314	50.0	284160.0	0.145115	Y
9	IC 860-232019/10	200.0	31.636978	50.0	305557.0	0.158185	Y



Calibration / Tetrahydrofuran

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

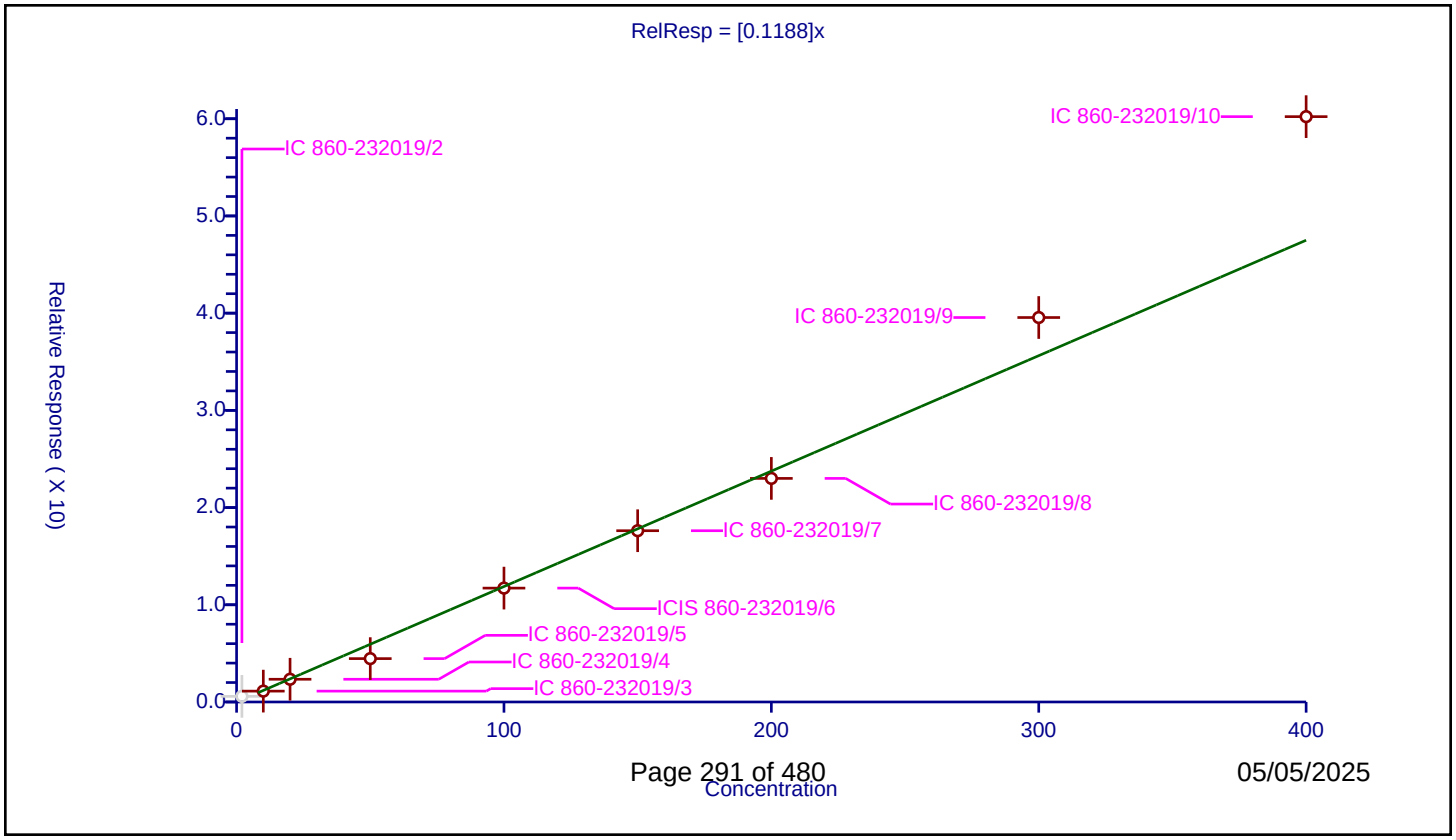
Curve Coefficients

Intercept:	0
Slope:	0.1188

Error Coefficients

Relative Standard Deviation:	14.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	2.0	0.581328	50.0	234377.0	0.290664	N
2	IC 860-232019/3	10.0	1.119141	50.0	246171.0	0.111914	Y
3	IC 860-232019/4	20.0	2.337958	50.0	247652.0	0.116898	Y
4	IC 860-232019/5	50.0	4.461151	50.0	256055.0	0.089223	Y
5	ICIS 860-232019/6	100.0	11.714045	50.0	251382.0	0.11714	Y
6	IC 860-232019/7	150.0	17.61953	50.0	260583.0	0.117464	Y
7	IC 860-232019/8	200.0	23.001872	50.0	270791.0	0.115009	Y
8	IC 860-232019/9	300.0	39.549901	50.0	284160.0	0.131833	Y
9	IC 860-232019/10	400.0	60.216424	50.0	305557.0	0.150541	Y



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

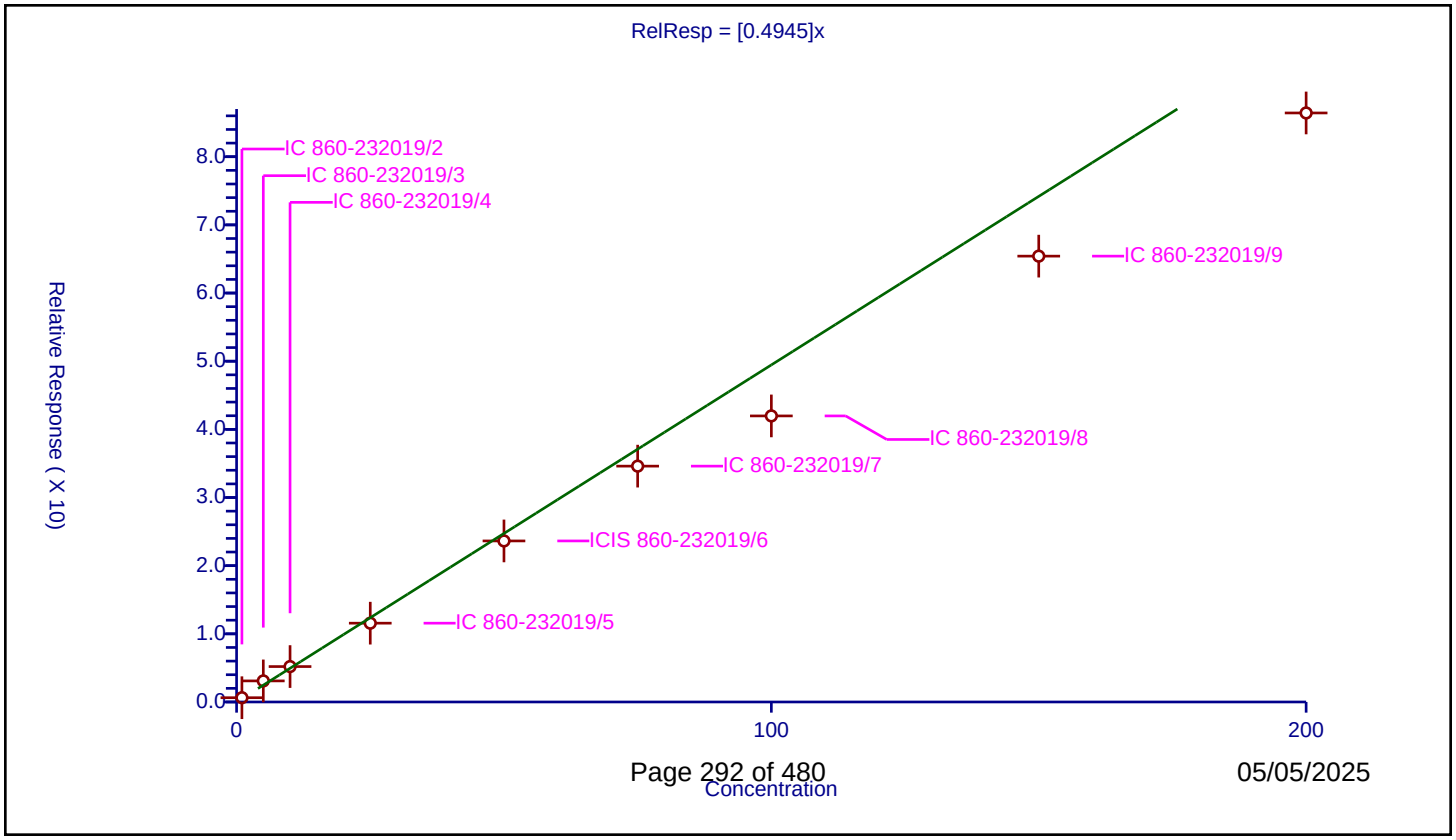
Curve Coefficients

Intercept:	0
Slope:	0.4945

Error Coefficients

Relative Standard Deviation:	15.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	0.628048	50.0	234377.0	0.628048	Y
2	IC 860-232019/3	5.0	3.093784	50.0	246171.0	0.618757	Y
3	IC 860-232019/4	10.0	5.196203	50.0	247652.0	0.51962	Y
4	IC 860-232019/5	25.0	11.563531	50.0	256055.0	0.462541	Y
5	ICIS 860-232019/6	50.0	23.628183	50.0	251382.0	0.472564	Y
6	IC 860-232019/7	75.0	34.605289	50.0	260583.0	0.461404	Y
7	IC 860-232019/8	100.0	41.971853	50.0	270791.0	0.419719	Y
8	IC 860-232019/9	150.0	65.413323	50.0	284160.0	0.436089	Y
9	IC 860-232019/10	200.0	86.422501	50.0	305557.0	0.432113	Y



Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

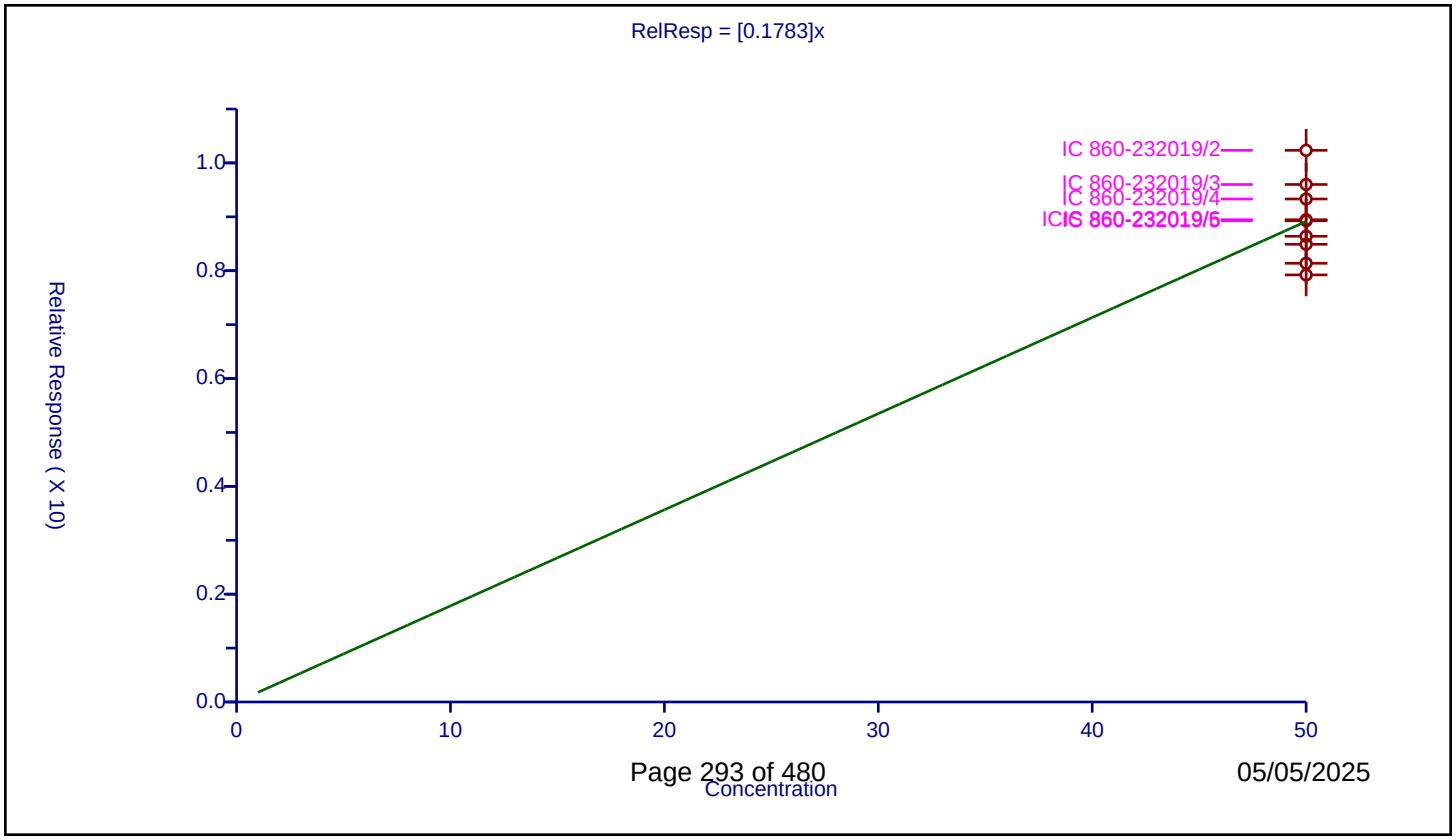
Curve Coefficients

Intercept:	0
Slope:	0.1783

Error Coefficients

Relative Standard Deviation:	8.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	50.0	10.233513	50.0	234377.0	0.20467	Y
2	IC 860-232019/3	50.0	9.600034	50.0	246171.0	0.192001	Y
3	IC 860-232019/4	50.0	9.330835	50.0	247652.0	0.186617	Y
4	IC 860-232019/5	50.0	8.926793	50.0	256055.0	0.178536	Y
5	ICIS 860-232019/6	50.0	8.946742	50.0	251382.0	0.178935	Y
6	IC 860-232019/7	50.0	8.138098	50.0	260583.0	0.162762	Y
7	IC 860-232019/8	50.0	7.922531	50.0	270791.0	0.158451	Y
8	IC 860-232019/9	50.0	8.490639	50.0	284160.0	0.169813	Y
9	IC 860-232019/10	50.0	8.639468	50.0	305557.0	0.172789	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

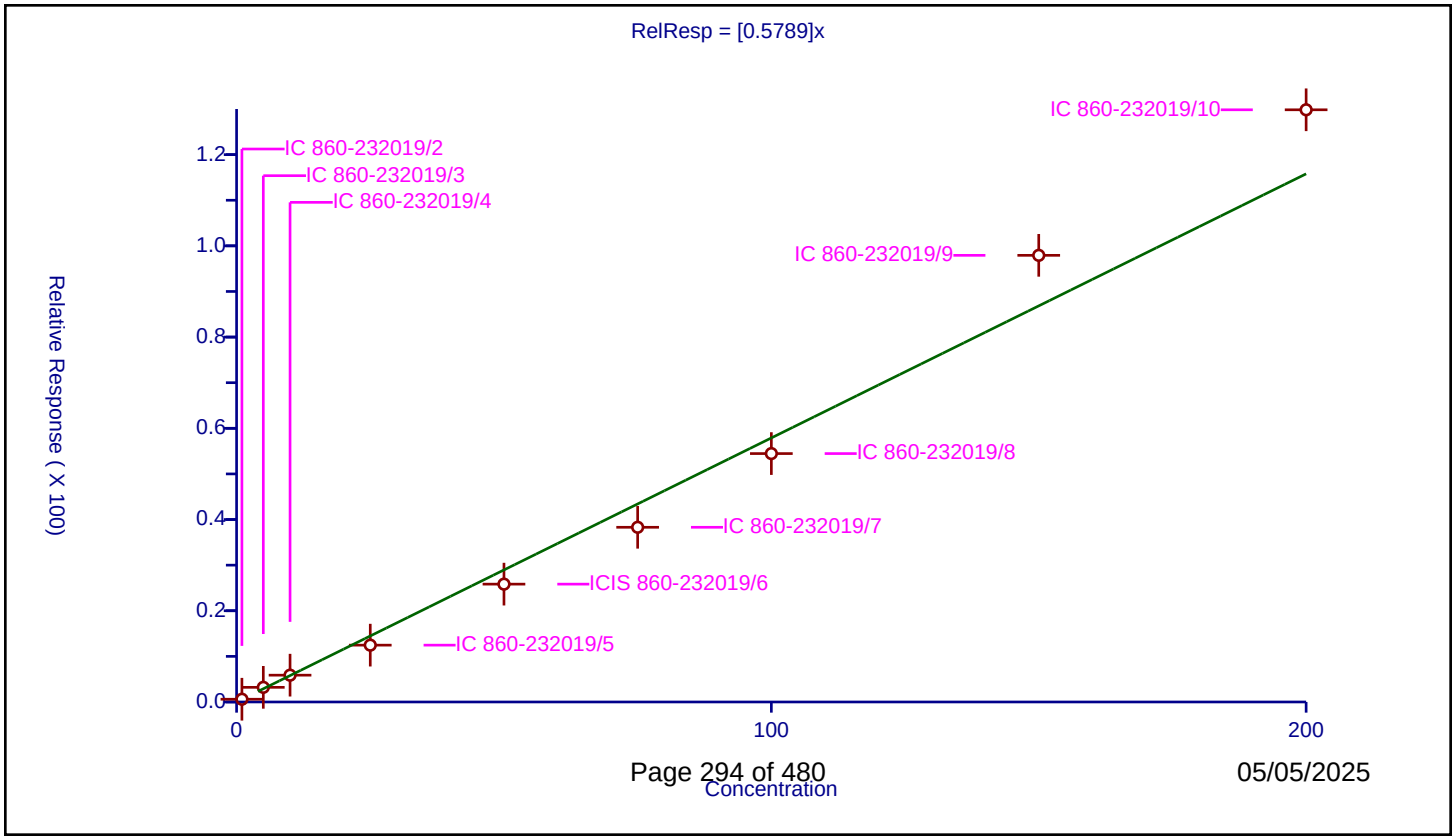
Curve Coefficients

Intercept:	0
Slope:	0.5789

Error Coefficients

Relative Standard Deviation:	10.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	0.607355	50.0	234377.0	0.607355	Y
2	IC 860-232019/3	5.0	3.213417	50.0	246171.0	0.642683	Y
3	IC 860-232019/4	10.0	5.87942	50.0	247652.0	0.587942	Y
4	IC 860-232019/5	25.0	12.459823	50.0	256055.0	0.498393	Y
5	ICIS 860-232019/6	50.0	25.837968	50.0	251382.0	0.516759	Y
6	IC 860-232019/7	75.0	38.299697	50.0	260583.0	0.510663	Y
7	IC 860-232019/8	100.0	54.461928	50.0	270791.0	0.544619	Y
8	IC 860-232019/9	150.0	97.92001	50.0	284160.0	0.6528	Y
9	IC 860-232019/10	200.0	129.832077	50.0	305557.0	0.64916	Y



Calibration / Cyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

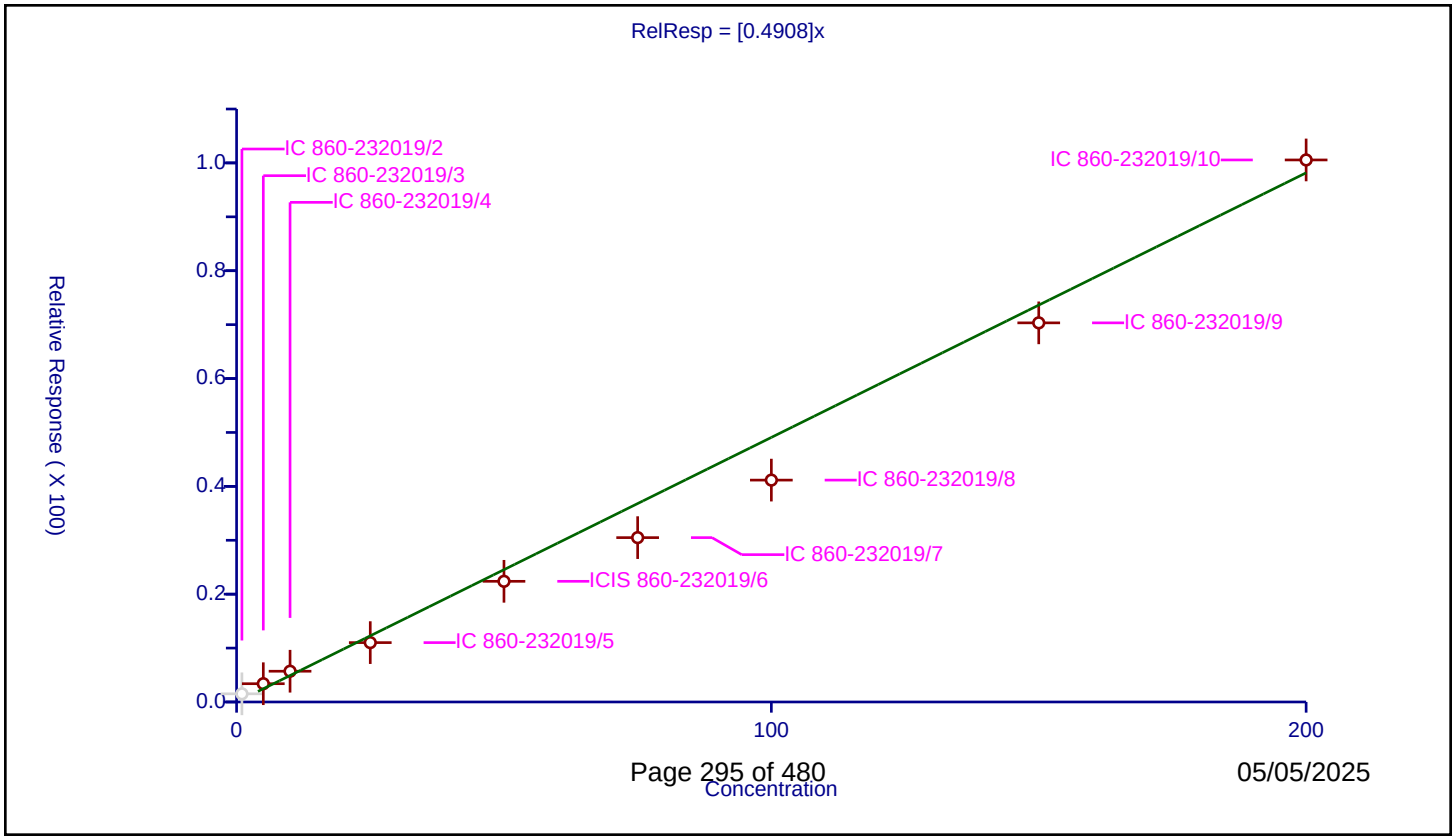
Curve Coefficients

Intercept:	0
Slope:	0.4908

Error Coefficients

Relative Standard Deviation:	18.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	1.51828	50.0	234377.0	1.51828	N
2	IC 860-232019/3	5.0	3.389717	50.0	246171.0	0.677943	Y
3	IC 860-232019/4	10.0	5.704375	50.0	247652.0	0.570438	Y
4	IC 860-232019/5	25.0	11.015407	50.0	256055.0	0.440616	Y
5	ICIS 860-232019/6	50.0	22.385851	50.0	251382.0	0.447717	Y
6	IC 860-232019/7	75.0	30.491245	50.0	260583.0	0.40655	Y
7	IC 860-232019/8	100.0	41.159049	50.0	270791.0	0.41159	Y
8	IC 860-232019/9	150.0	70.333791	50.0	284160.0	0.468892	Y
9	IC 860-232019/10	200.0	100.551125	50.0	305557.0	0.502756	Y



Calibration / n-Butanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

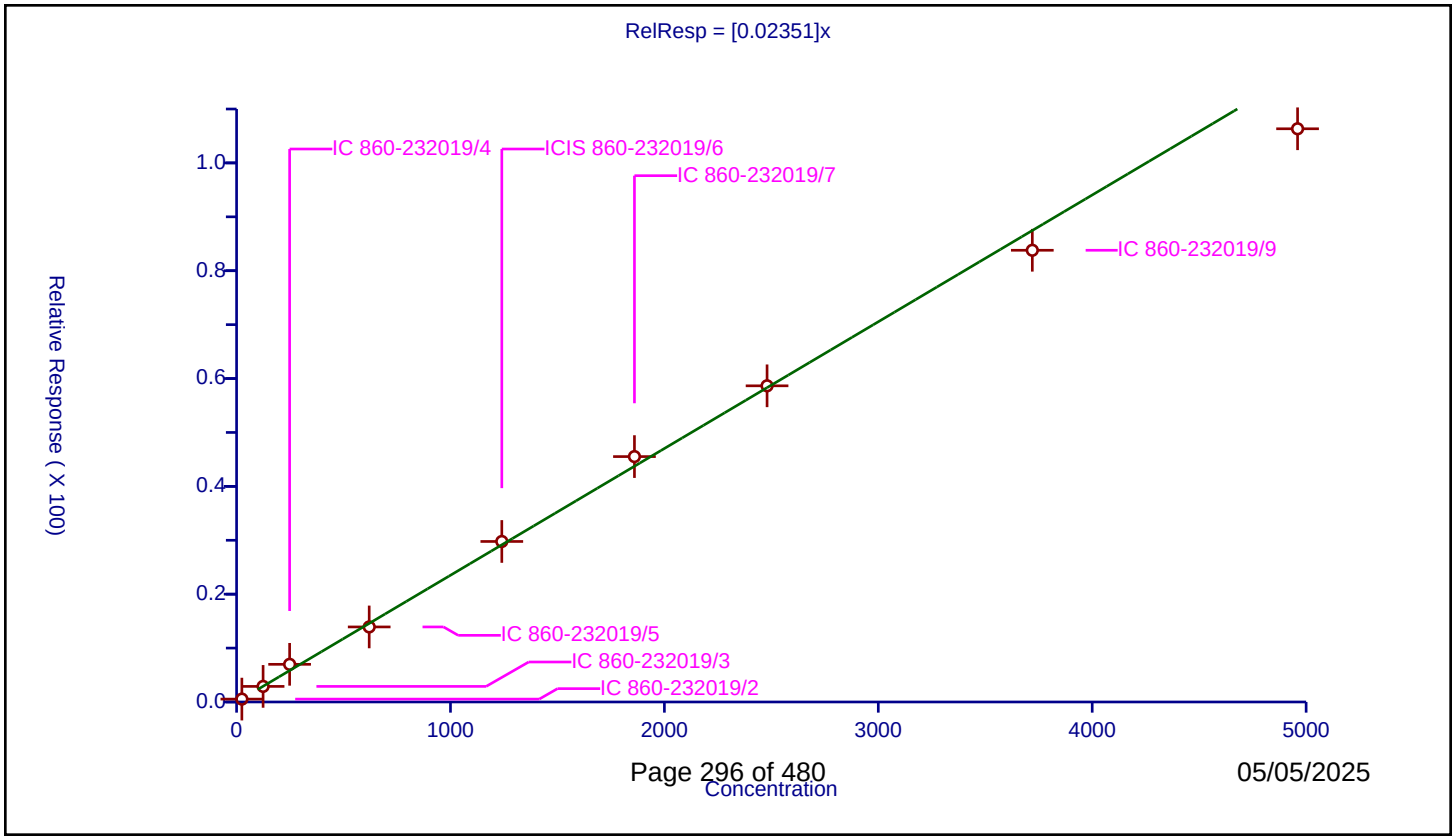
Curve Coefficients

Intercept:	0
Slope:	0.02351

Error Coefficients

Relative Standard Deviation:	8.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	24.8	0.534309	50.0	285041.0	0.021545	Y
2	IC 860-232019/3	124.0	2.893556	50.0	298871.0	0.023335	Y
3	IC 860-232019/4	248.0	6.984925	50.0	299631.0	0.028165	Y
4	IC 860-232019/5	620.0	13.923779	50.0	314875.0	0.022458	Y
5	ICIS 860-232019/6	1240.0	29.77901	50.0	318612.0	0.024015	Y
6	IC 860-232019/7	1860.0	45.525412	50.0	332701.0	0.024476	Y
7	IC 860-232019/8	2480.0	58.654306	50.0	361999.0	0.023651	Y
8	IC 860-232019/9	3720.0	83.795494	50.0	391314.0	0.022526	Y
9	IC 860-232019/10	4960.0	106.334528	50.0	433434.0	0.021438	Y



Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

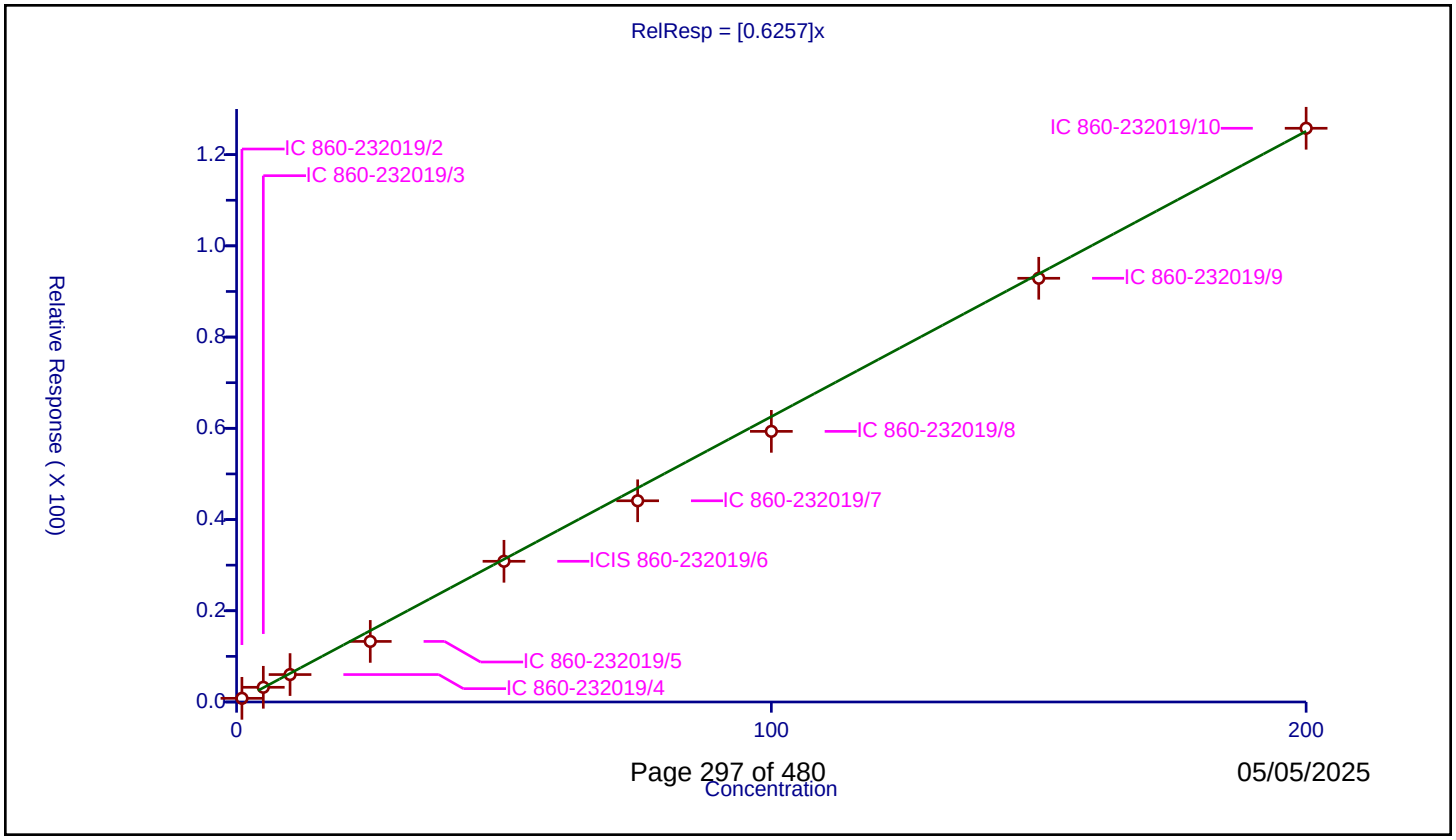
Curve Coefficients

Intercept:	0
Slope:	0.6257

Error Coefficients

Relative Standard Deviation:	12.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	0.806606	50.0	234377.0	0.806606	Y
2	IC 860-232019/3	5.0	3.225197	50.0	246171.0	0.645039	Y
3	IC 860-232019/4	10.0	6.015699	50.0	247652.0	0.60157	Y
4	IC 860-232019/5	25.0	13.279374	50.0	256055.0	0.531175	Y
5	ICIS 860-232019/6	50.0	30.84668	50.0	251382.0	0.616934	Y
6	IC 860-232019/7	75.0	44.112049	50.0	260583.0	0.588161	Y
7	IC 860-232019/8	100.0	59.329151	50.0	270791.0	0.593292	Y
8	IC 860-232019/9	150.0	92.894848	50.0	284160.0	0.619299	Y
9	IC 860-232019/10	200.0	125.779314	50.0	305557.0	0.628897	Y



Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

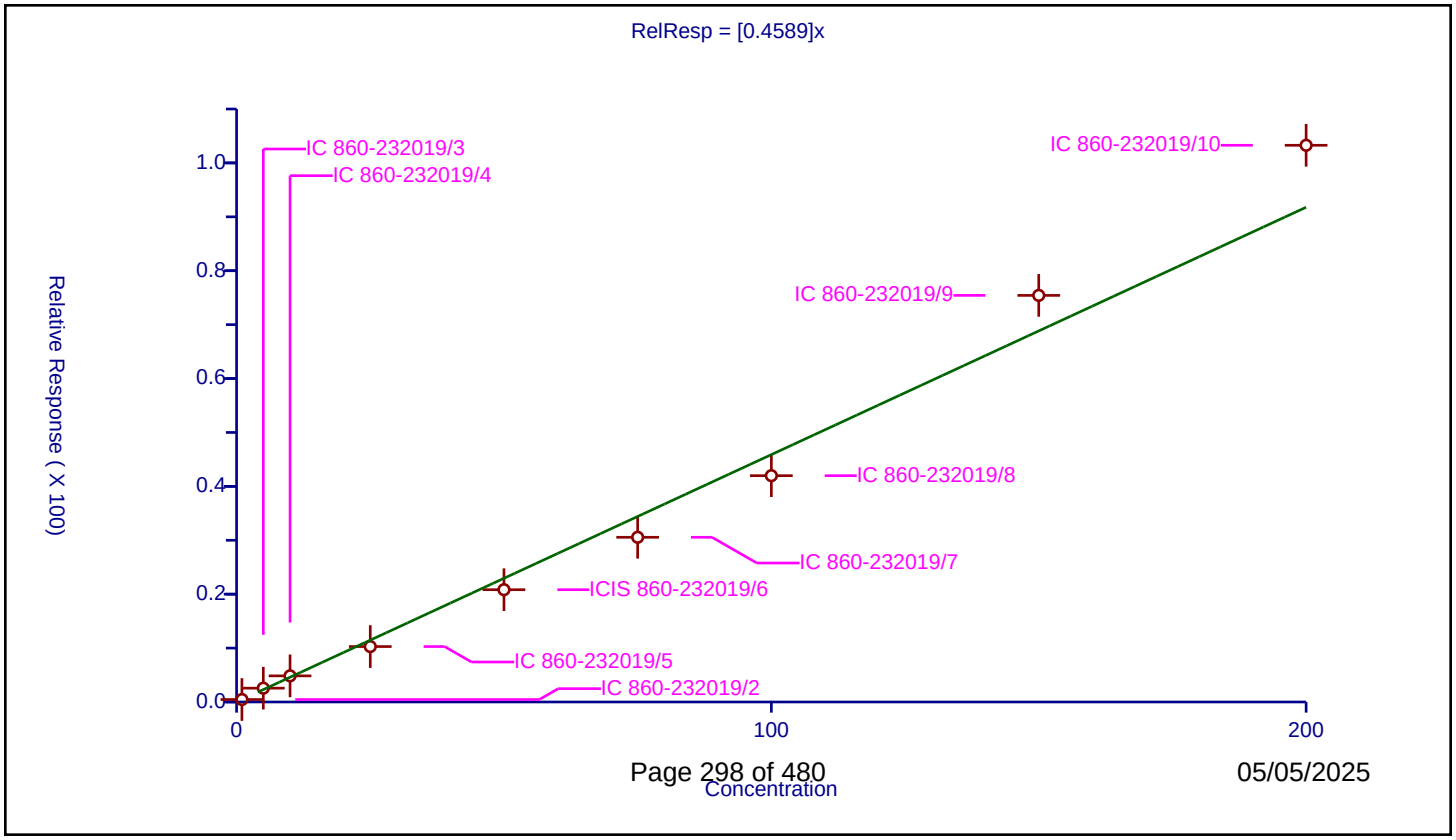
Curve Coefficients

Intercept:	0
Slope:	0.4589

Error Coefficients

Relative Standard Deviation:	10.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	0.458236	50.0	234377.0	0.458236	Y
2	IC 860-232019/3	5.0	2.564884	50.0	246171.0	0.512977	Y
3	IC 860-232019/4	10.0	4.8445	50.0	247652.0	0.48445	Y
4	IC 860-232019/5	25.0	10.280409	50.0	256055.0	0.411216	Y
5	ICIS 860-232019/6	50.0	20.829853	50.0	251382.0	0.416597	Y
6	IC 860-232019/7	75.0	30.552837	50.0	260583.0	0.407371	Y
7	IC 860-232019/8	100.0	41.983485	50.0	270791.0	0.419835	Y
8	IC 860-232019/9	150.0	75.428632	50.0	284160.0	0.502858	Y
9	IC 860-232019/10	200.0	103.273694	50.0	305557.0	0.516368	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

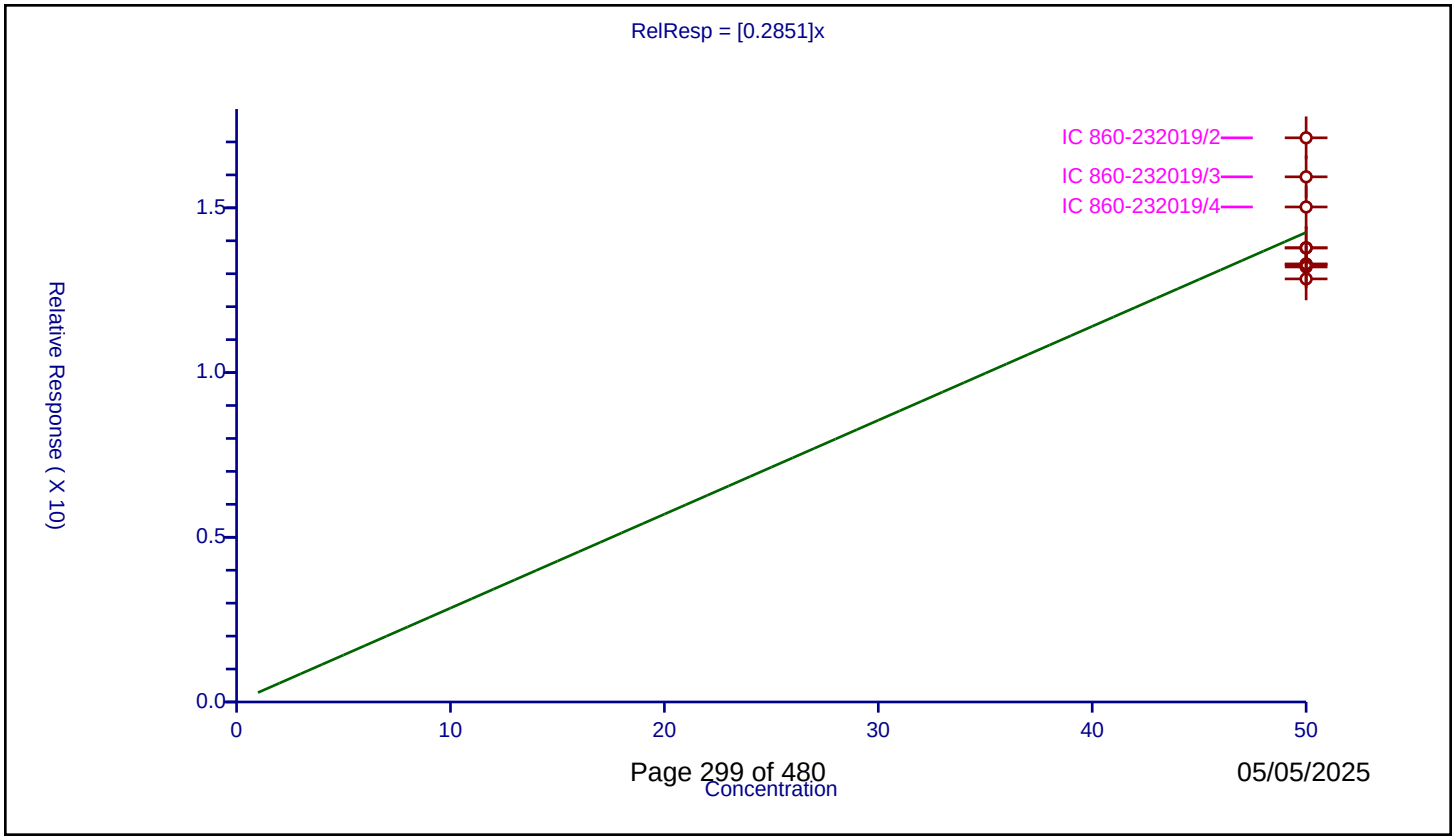
Curve Coefficients

Intercept:	0
Slope:	0.2851

Error Coefficients

Relative Standard Deviation:	10.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	50.0	17.125606	50.0	285041.0	0.342512	Y
2	IC 860-232019/3	50.0	15.941159	50.0	298871.0	0.318823	Y
3	IC 860-232019/4	50.0	15.026483	50.0	299631.0	0.30053	Y
4	IC 860-232019/5	50.0	13.205717	50.0	314875.0	0.264114	Y
5	ICIS 860-232019/6	50.0	13.297365	50.0	318612.0	0.265947	Y
6	IC 860-232019/7	50.0	13.275734	50.0	332701.0	0.265515	Y
7	IC 860-232019/8	50.0	12.842991	50.0	361999.0	0.25686	Y
8	IC 860-232019/9	50.0	13.779982	50.0	391314.0	0.2756	Y
9	IC 860-232019/10	50.0	13.789527	50.0	433434.0	0.275791	Y



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

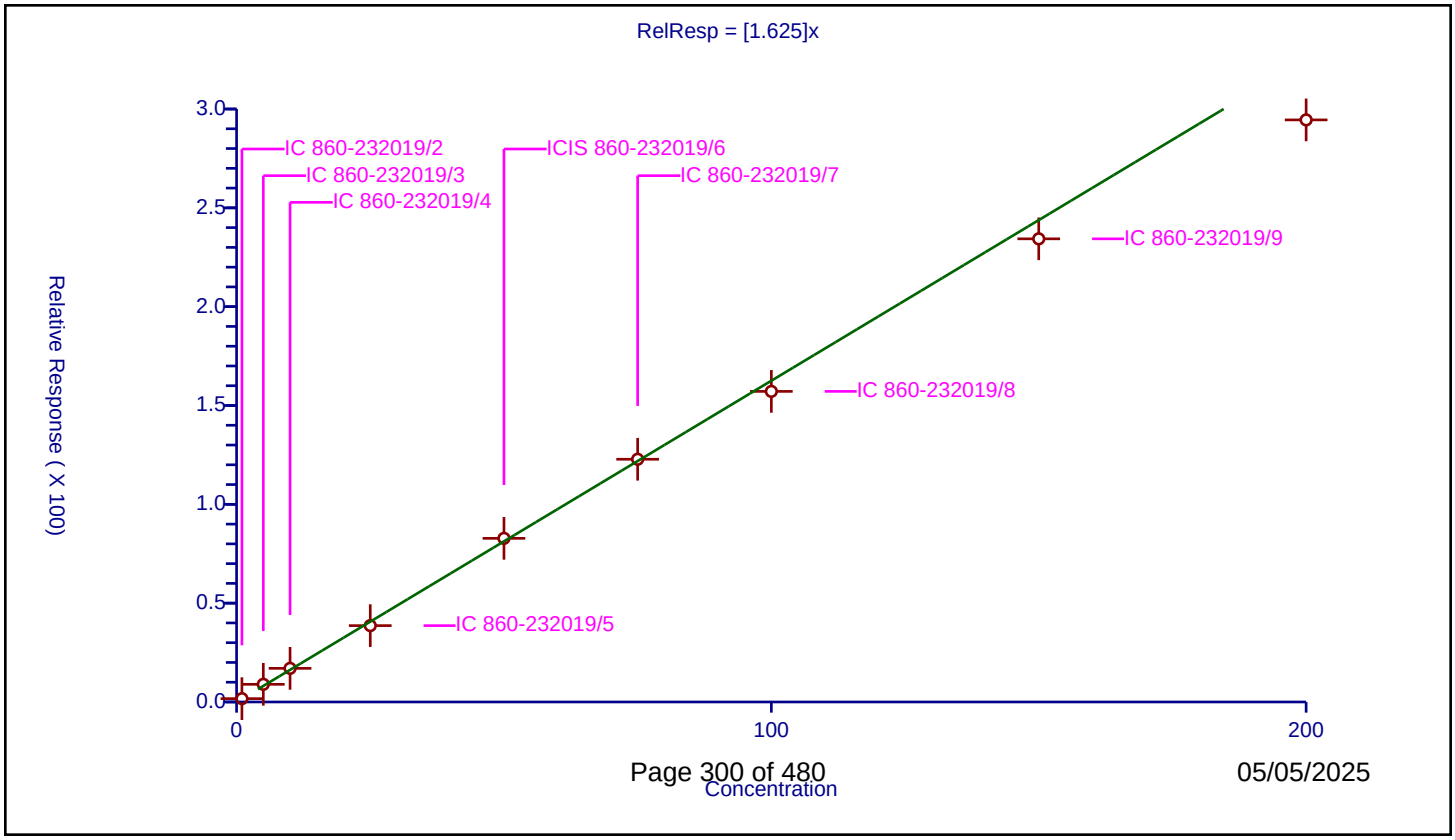
Curve Coefficients

Intercept:	0
Slope:	1.625

Error Coefficients

Relative Standard Deviation:	6.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	1.692037	50.0	285041.0	1.692037	Y
2	IC 860-232019/3	5.0	8.94416	50.0	298871.0	1.788832	Y
3	IC 860-232019/4	10.0	17.024774	50.0	299631.0	1.702477	Y
4	IC 860-232019/5	25.0	38.634061	50.0	314875.0	1.545362	Y
5	ICIS 860-232019/6	50.0	82.793492	50.0	318612.0	1.65587	Y
6	IC 860-232019/7	75.0	122.808468	50.0	332701.0	1.637446	Y
7	IC 860-232019/8	100.0	157.133859	50.0	361999.0	1.571339	Y
8	IC 860-232019/9	150.0	234.318092	50.0	391314.0	1.562121	Y
9	IC 860-232019/10	200.0	294.499047	50.0	433434.0	1.472495	Y



Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

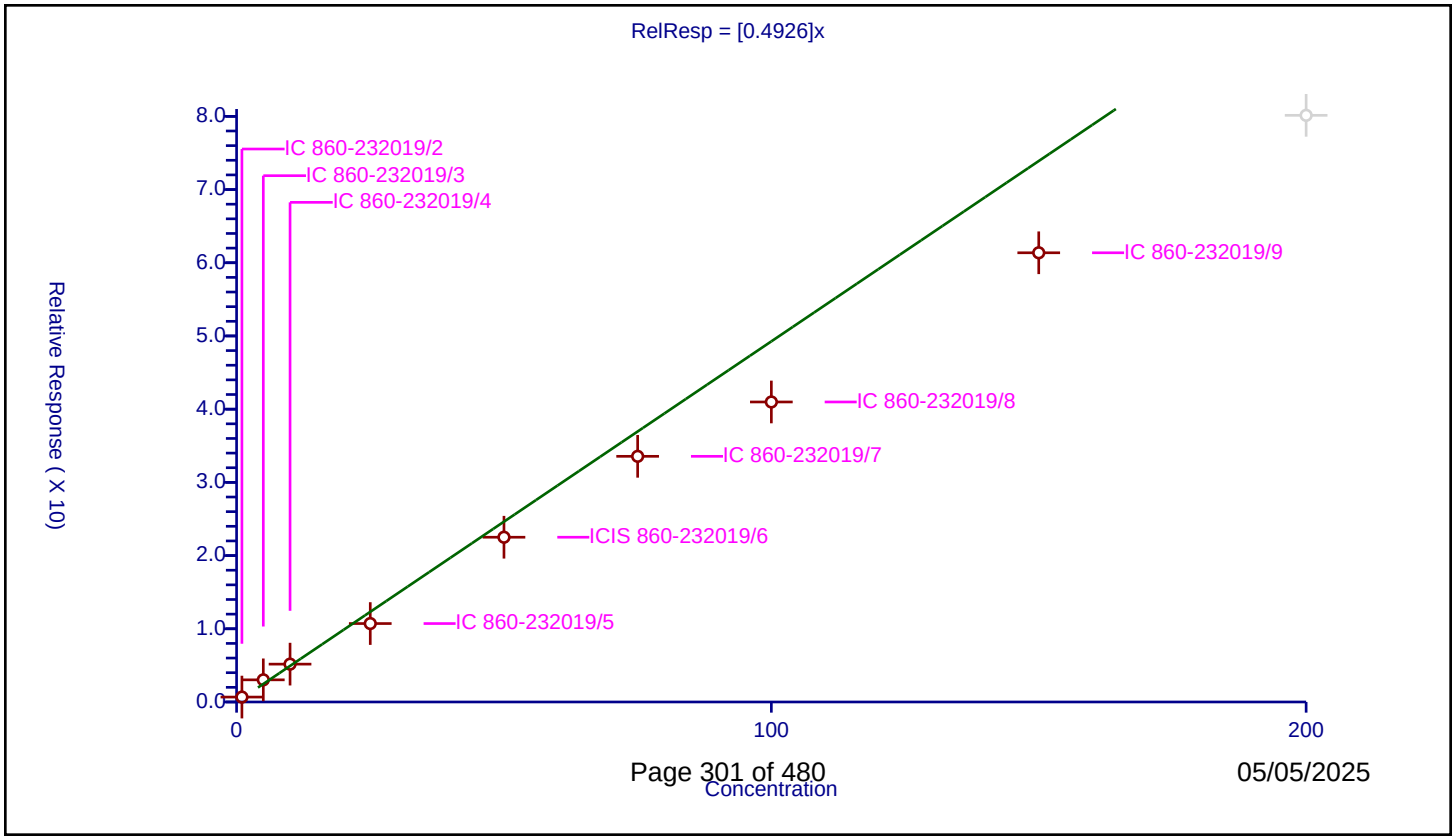
Curve Coefficients

Intercept:	0
Slope:	0.4926

Error Coefficients

Relative Standard Deviation:	20.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	0.673763	50.0	285041.0	0.673763	Y
2	IC 860-232019/3	5.0	3.026222	50.0	298871.0	0.605244	Y
3	IC 860-232019/4	10.0	5.169692	50.0	299631.0	0.516969	Y
4	IC 860-232019/5	25.0	10.715363	50.0	314875.0	0.428615	Y
5	ICIS 860-232019/6	50.0	22.504959	50.0	318612.0	0.450099	Y
6	IC 860-232019/7	75.0	33.559112	50.0	332701.0	0.447455	Y
7	IC 860-232019/8	100.0	40.980362	50.0	361999.0	0.409804	Y
8	IC 860-232019/9	150.0	61.362742	50.0	391314.0	0.409085	Y
9	IC 860-232019/10	200.0	80.136884	50.0	433434.0	0.400684	N



Calibration / Isooctane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

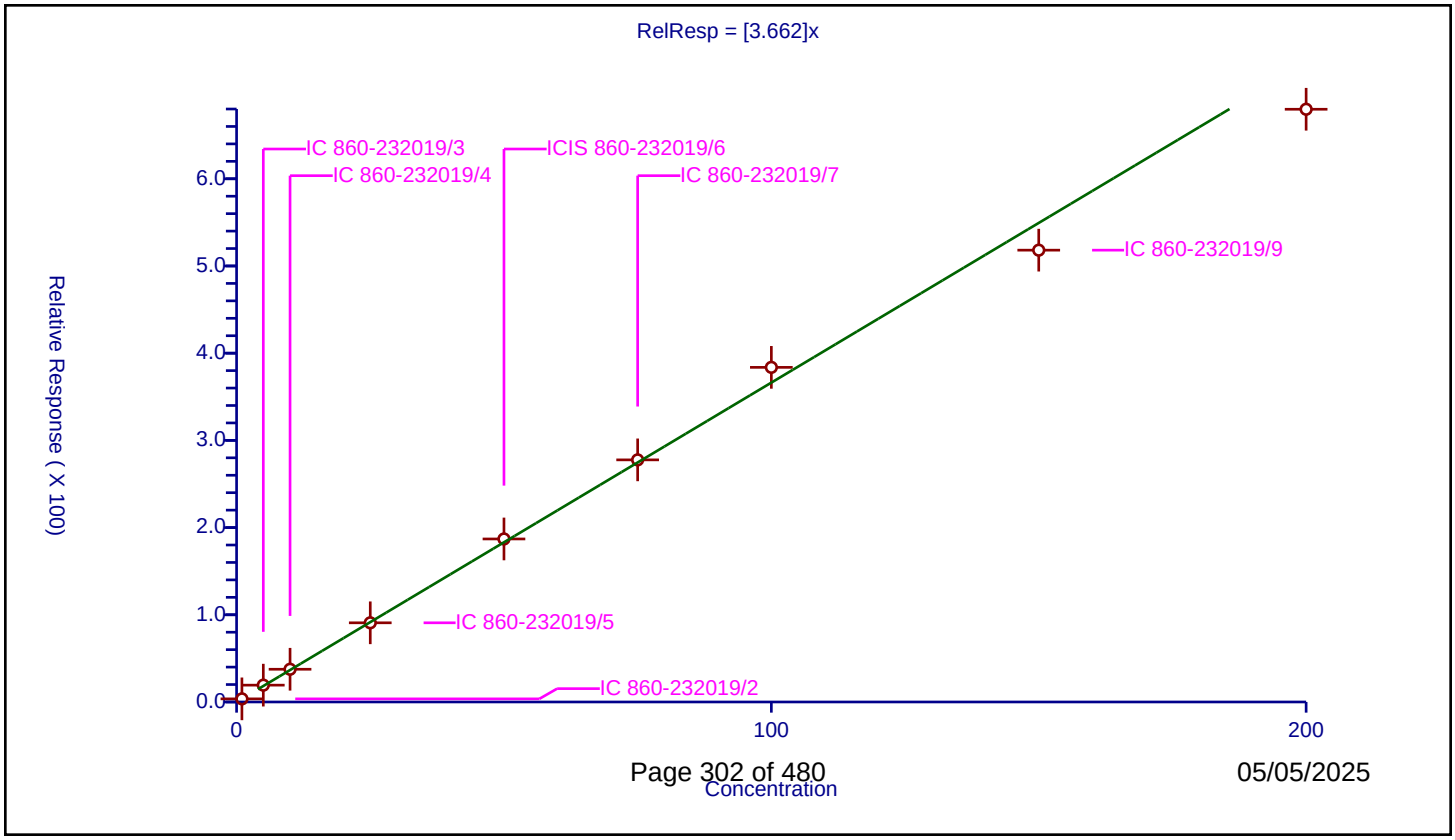
Curve Coefficients

Intercept:	0
Slope:	3.662

Error Coefficients

Relative Standard Deviation:	4.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	3.581274	50.0	118254.0	3.581274	Y
2	IC 860-232019/3	5.0	19.311383	50.0	129869.0	3.862277	Y
3	IC 860-232019/4	10.0	37.537111	50.0	131699.0	3.753711	Y
4	IC 860-232019/5	25.0	90.798091	50.0	139107.0	3.631924	Y
5	ICIS 860-232019/6	50.0	186.960318	50.0	152891.0	3.739206	Y
6	IC 860-232019/7	75.0	277.666648	50.0	164223.0	3.702222	Y
7	IC 860-232019/8	100.0	383.747716	50.0	166955.0	3.837477	Y
8	IC 860-232019/9	150.0	518.133567	50.0	186618.0	3.454224	Y
9	IC 860-232019/10	200.0	679.725417	50.0	199612.0	3.398627	Y



Calibration / Tert-amyl methyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

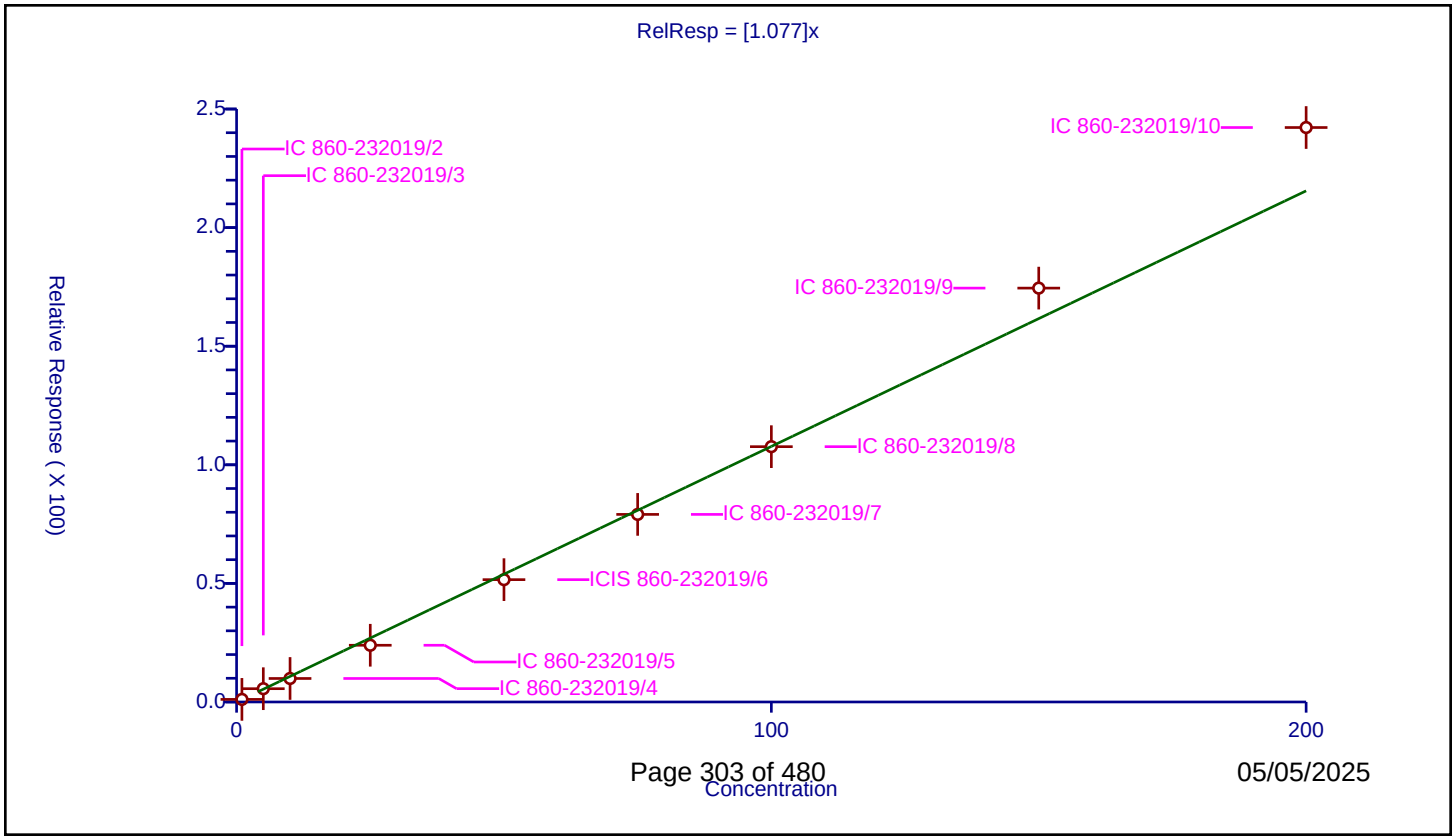
Curve Coefficients

Intercept:	0
Slope:	1.077

Error Coefficients

Relative Standard Deviation:	7.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	1.092474	50.0	285041.0	1.092474	Y
2	IC 860-232019/3	5.0	5.601581	50.0	298871.0	1.120316	Y
3	IC 860-232019/4	10.0	9.914194	50.0	299631.0	0.991419	Y
4	IC 860-232019/5	25.0	23.916316	50.0	314875.0	0.956653	Y
5	ICIS 860-232019/6	50.0	51.571033	50.0	318612.0	1.031421	Y
6	IC 860-232019/7	75.0	79.086327	50.0	332701.0	1.054484	Y
7	IC 860-232019/8	100.0	107.647811	50.0	361999.0	1.076478	Y
8	IC 860-232019/9	150.0	174.491329	50.0	391314.0	1.163276	Y
9	IC 860-232019/10	200.0	242.194544	50.0	433434.0	1.210973	Y



Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

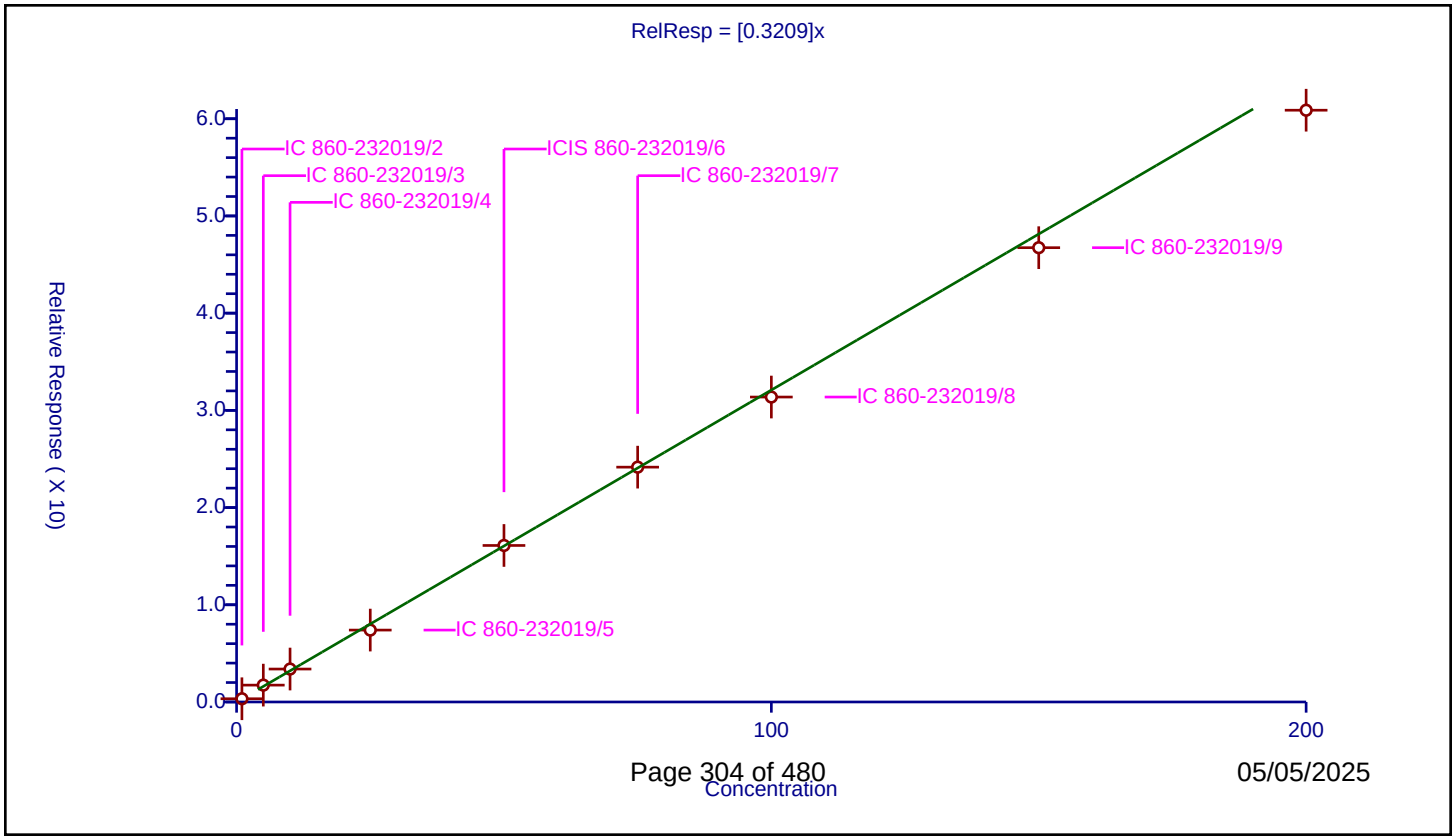
Curve Coefficients

Intercept:	0
Slope:	0.3209

Error Coefficients

Relative Standard Deviation:	5.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	0.332408	50.0	285041.0	0.332408	Y
2	IC 860-232019/3	5.0	1.735364	50.0	298871.0	0.347073	Y
3	IC 860-232019/4	10.0	3.390003	50.0	299631.0	0.339	Y
4	IC 860-232019/5	25.0	7.396586	50.0	314875.0	0.295863	Y
5	ICIS 860-232019/6	50.0	16.101873	50.0	318612.0	0.322037	Y
6	IC 860-232019/7	75.0	24.158629	50.0	332701.0	0.322115	Y
7	IC 860-232019/8	100.0	31.370252	50.0	361999.0	0.313703	Y
8	IC 860-232019/9	150.0	46.734975	50.0	391314.0	0.311566	Y
9	IC 860-232019/10	200.0	60.875358	50.0	433434.0	0.304377	Y



Calibration / Ethyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

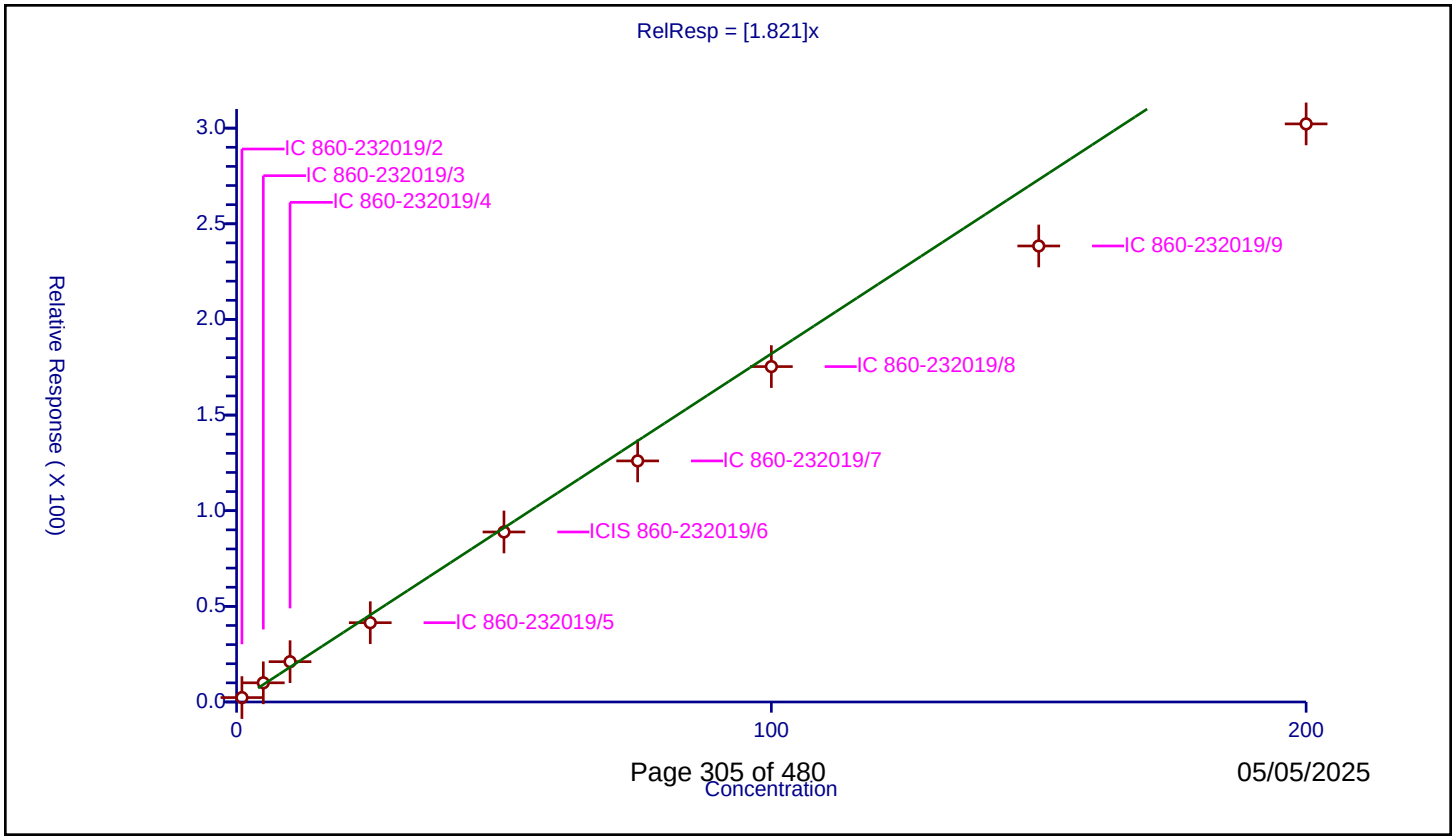
Curve Coefficients

Intercept:	0
Slope:	1.821

Error Coefficients

Relative Standard Deviation:	14.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	2.301825	50.0	118254.0	2.301825	Y
2	IC 860-232019/3	5.0	10.033187	50.0	129869.0	2.006637	Y
3	IC 860-232019/4	10.0	21.067358	50.0	131699.0	2.106736	Y
4	IC 860-232019/5	25.0	41.453701	50.0	139107.0	1.658148	Y
5	ICIS 860-232019/6	50.0	88.880313	50.0	152891.0	1.777606	Y
6	IC 860-232019/7	75.0	126.037157	50.0	164223.0	1.680495	Y
7	IC 860-232019/8	100.0	175.350244	50.0	166955.0	1.753502	Y
8	IC 860-232019/9	150.0	238.395546	50.0	186618.0	1.589304	Y
9	IC 860-232019/10	200.0	302.218304	50.0	199612.0	1.511092	Y



Calibration / Methylcyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

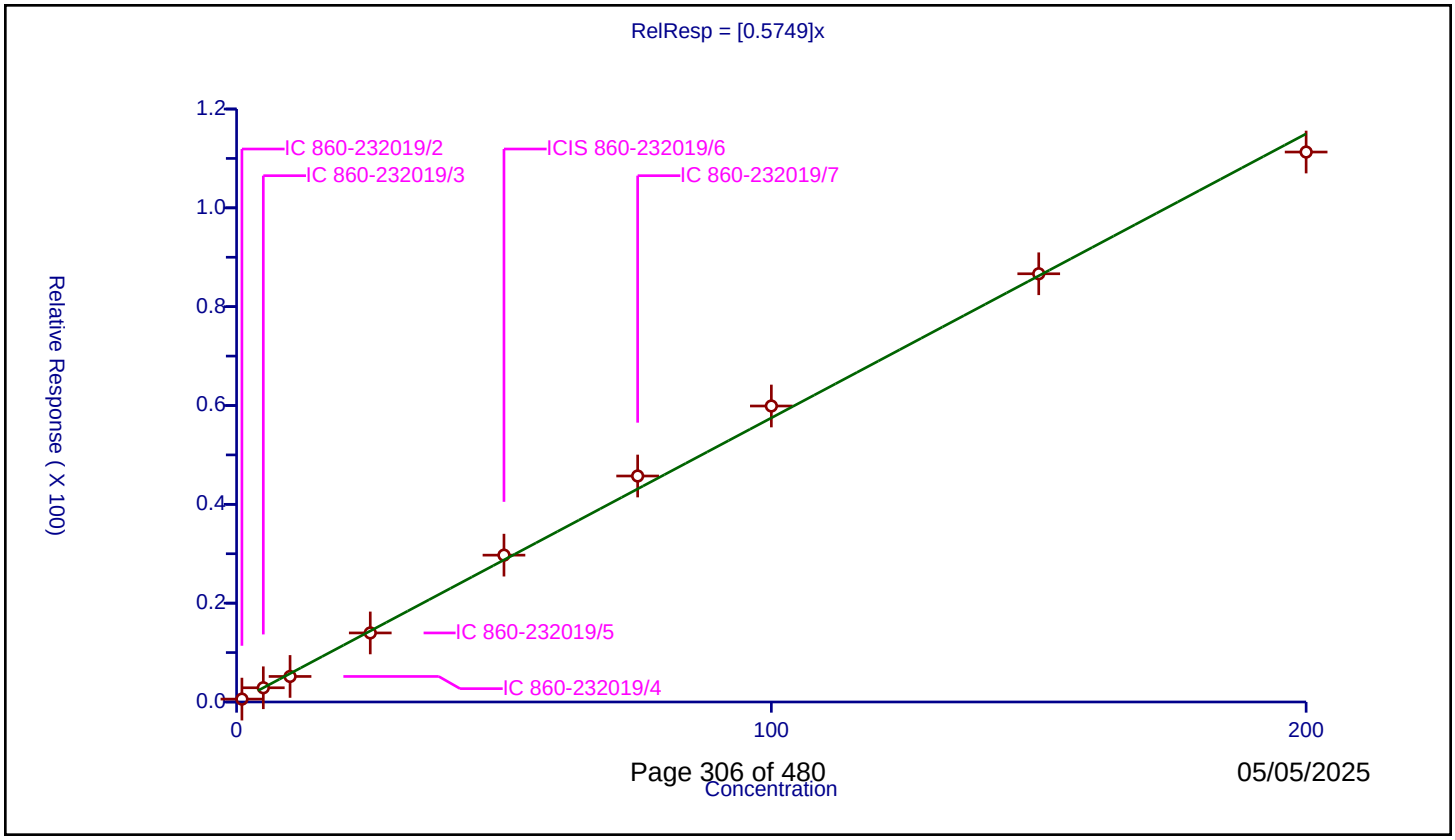
Curve Coefficients

Intercept:	0
Slope:	0.5749

Error Coefficients

Relative Standard Deviation:	4.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	0.585705	50.0	285041.0	0.585705	Y
2	IC 860-232019/3	5.0	2.877496	50.0	298871.0	0.575499	Y
3	IC 860-232019/4	10.0	5.169525	50.0	299631.0	0.516953	Y
4	IC 860-232019/5	25.0	13.976657	50.0	314875.0	0.559066	Y
5	ICIS 860-232019/6	50.0	29.714826	50.0	318612.0	0.594297	Y
6	IC 860-232019/7	75.0	45.733557	50.0	332701.0	0.609781	Y
7	IC 860-232019/8	100.0	59.897817	50.0	361999.0	0.598978	Y
8	IC 860-232019/9	150.0	86.66199	50.0	391314.0	0.577747	Y
9	IC 860-232019/10	200.0	111.293992	50.0	433434.0	0.55647	Y



Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

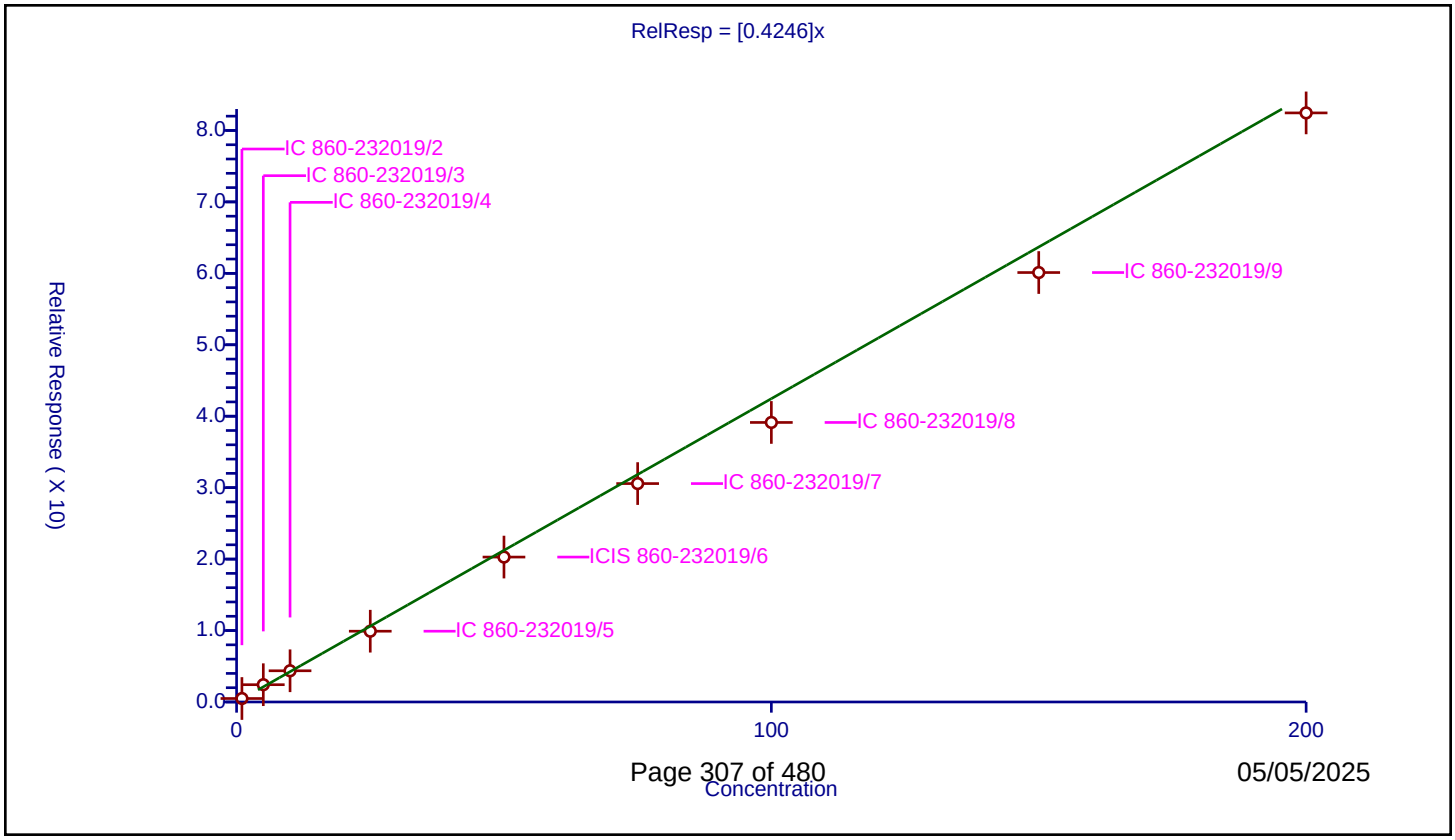
Curve Coefficients

Intercept:	0
Slope:	0.4246

Error Coefficients

Relative Standard Deviation:	8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	0.48607	50.0	285041.0	0.48607	Y
2	IC 860-232019/3	5.0	2.421111	50.0	298871.0	0.484222	Y
3	IC 860-232019/4	10.0	4.369207	50.0	299631.0	0.436921	Y
4	IC 860-232019/5	25.0	9.907424	50.0	314875.0	0.396297	Y
5	ICIS 860-232019/6	50.0	20.285959	50.0	318612.0	0.405719	Y
6	IC 860-232019/7	75.0	30.571745	50.0	332701.0	0.407623	Y
7	IC 860-232019/8	100.0	39.127456	50.0	361999.0	0.391275	Y
8	IC 860-232019/9	150.0	60.110551	50.0	391314.0	0.400737	Y
9	IC 860-232019/10	200.0	82.454307	50.0	433434.0	0.412272	Y



Calibration / Dibromomethane

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

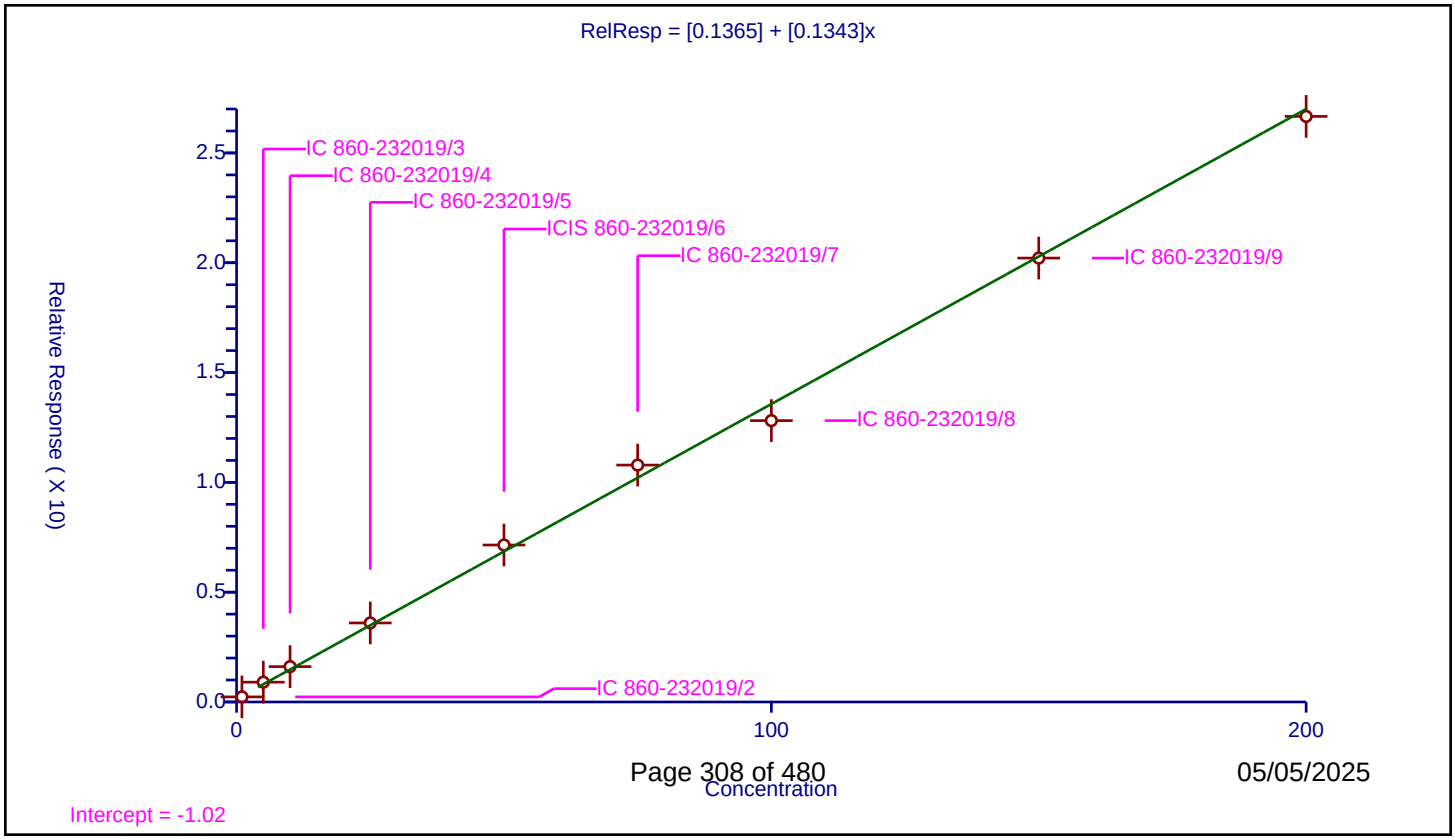
Curve Coefficients

Intercept:	0.1365
Slope:	0.1343

Error Coefficients

Relative Standard Deviation:	13.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	0.230844	50.0	285041.0	0.230844	Y
2	IC 860-232019/3	5.0	0.902396	50.0	298871.0	0.180479	Y
3	IC 860-232019/4	10.0	1.610314	50.0	299631.0	0.161031	Y
4	IC 860-232019/5	25.0	3.597777	50.0	314875.0	0.143911	Y
5	ICIS 860-232019/6	50.0	7.147251	50.0	318612.0	0.142945	Y
6	IC 860-232019/7	75.0	10.787314	50.0	332701.0	0.143831	Y
7	IC 860-232019/8	100.0	12.812328	50.0	361999.0	0.128123	Y
8	IC 860-232019/9	150.0	20.212029	50.0	391314.0	0.134747	Y
9	IC 860-232019/10	200.0	26.664037	50.0	433434.0	0.13332	Y



Calibration / Methyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

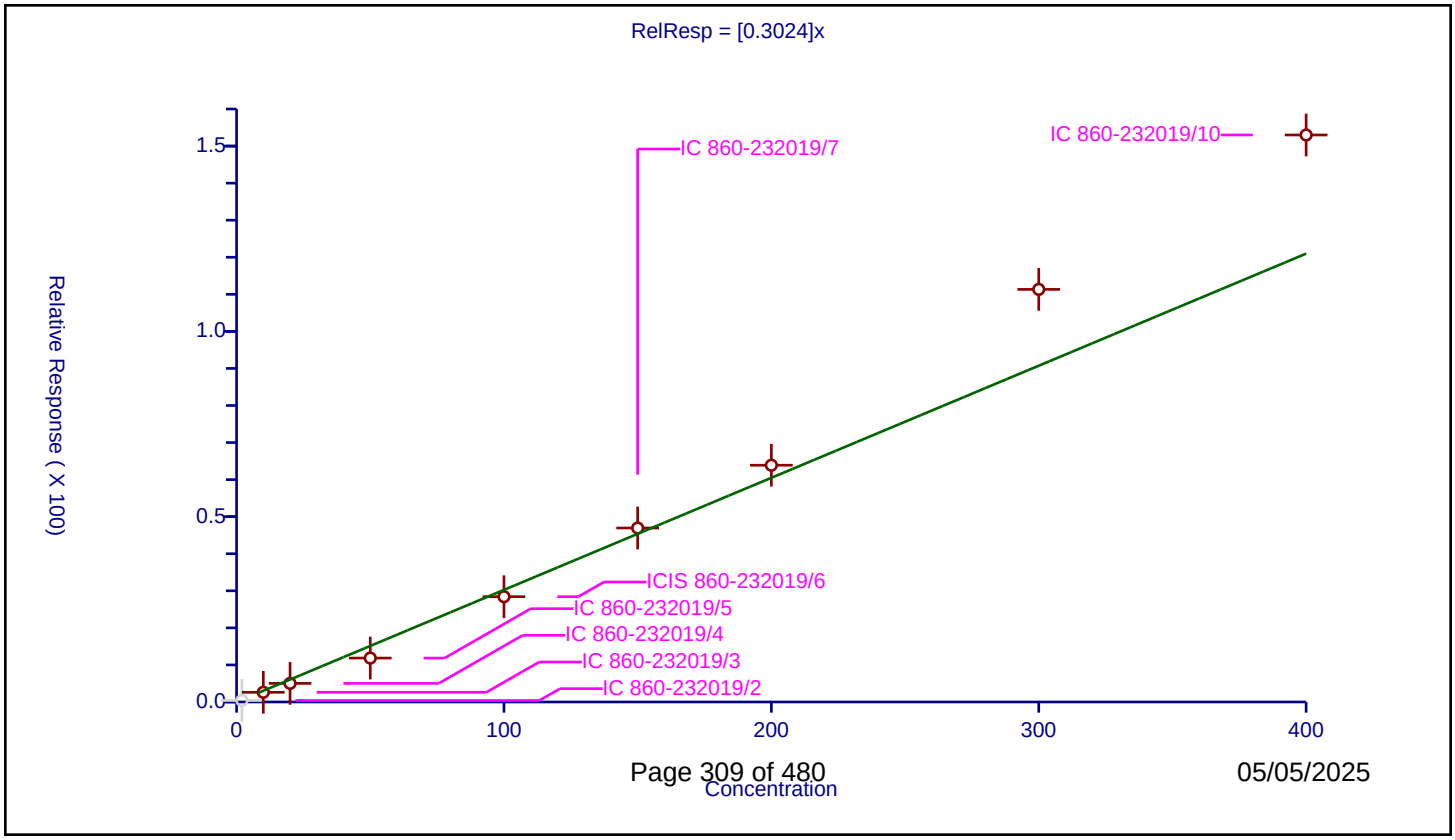
Curve Coefficients

Intercept:	0
Slope:	0.3024

Error Coefficients

Relative Standard Deviation:	17.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	2.0	0.4031	50.0	285041.0	0.20155	N
2	IC 860-232019/3	10.0	2.616848	50.0	298871.0	0.261685	Y
3	IC 860-232019/4	20.0	5.01617	50.0	299631.0	0.250808	Y
4	IC 860-232019/5	50.0	11.848194	50.0	314875.0	0.236964	Y
5	ICIS 860-232019/6	100.0	28.41183	50.0	318612.0	0.284118	Y
6	IC 860-232019/7	150.0	46.942901	50.0	332701.0	0.312953	Y
7	IC 860-232019/8	200.0	63.884707	50.0	361999.0	0.319424	Y
8	IC 860-232019/9	300.0	111.331437	50.0	391314.0	0.371105	Y
9	IC 860-232019/10	400.0	152.99019	50.0	433434.0	0.382475	Y



Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

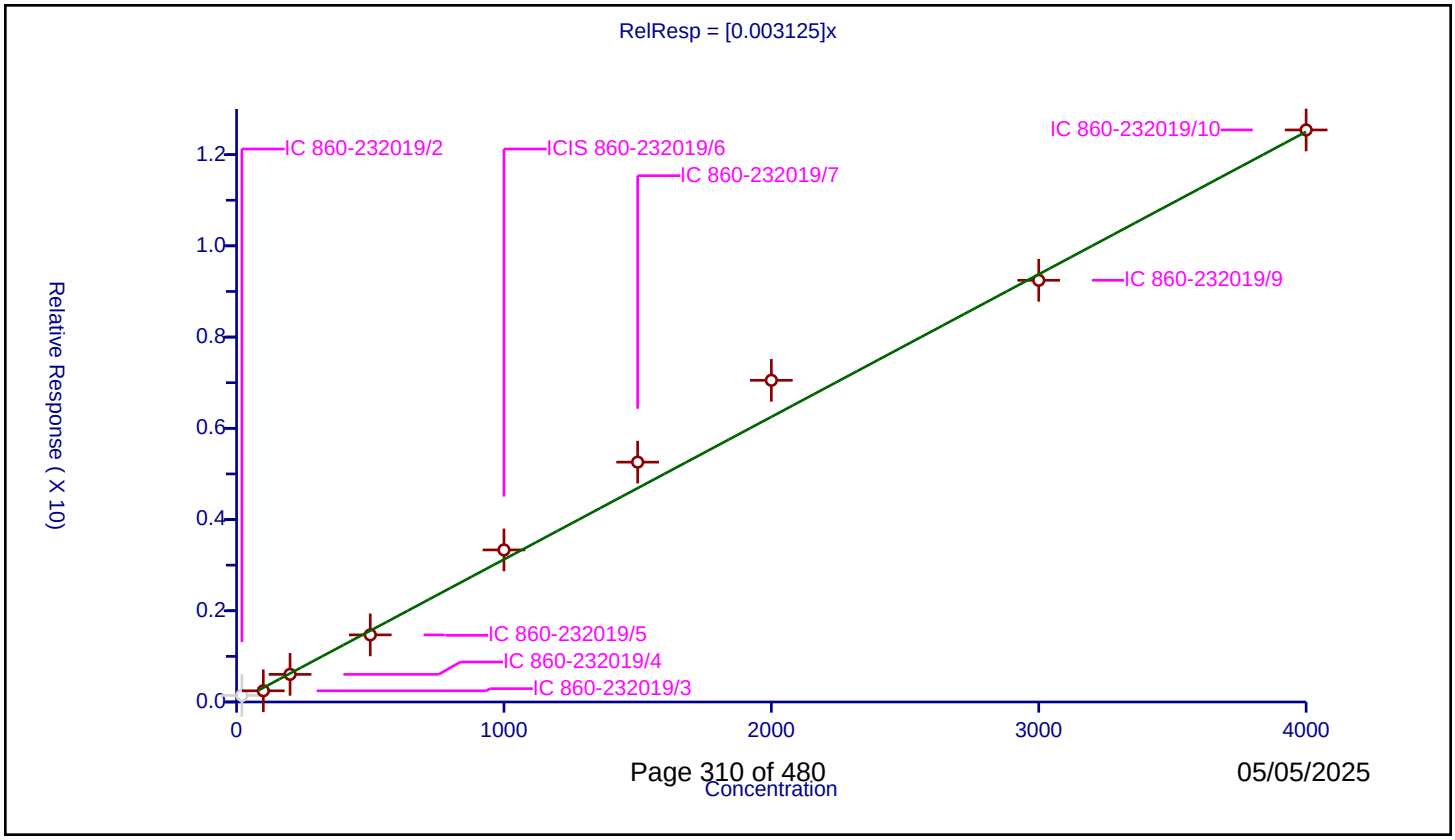
Curve Coefficients

Intercept:	0
Slope:	0.003125

Error Coefficients

Relative Standard Deviation:	11.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	20.0	0.142962	50.0	285041.0	0.007148	N
2	IC 860-232019/3	100.0	0.245089	50.0	298871.0	0.002451	Y
3	IC 860-232019/4	200.0	0.605411	50.0	299631.0	0.003027	Y
4	IC 860-232019/5	500.0	1.471219	50.0	314875.0	0.002942	Y
5	ICIS 860-232019/6	1000.0	3.333836	50.0	318612.0	0.003334	Y
6	IC 860-232019/7	1500.0	5.258475	50.0	332701.0	0.003506	Y
7	IC 860-232019/8	2000.0	7.052644	50.0	361999.0	0.003526	Y
8	IC 860-232019/9	3000.0	9.244878	50.0	391314.0	0.003082	Y
9	IC 860-232019/10	4000.0	12.541125	50.0	433434.0	0.003135	Y



Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

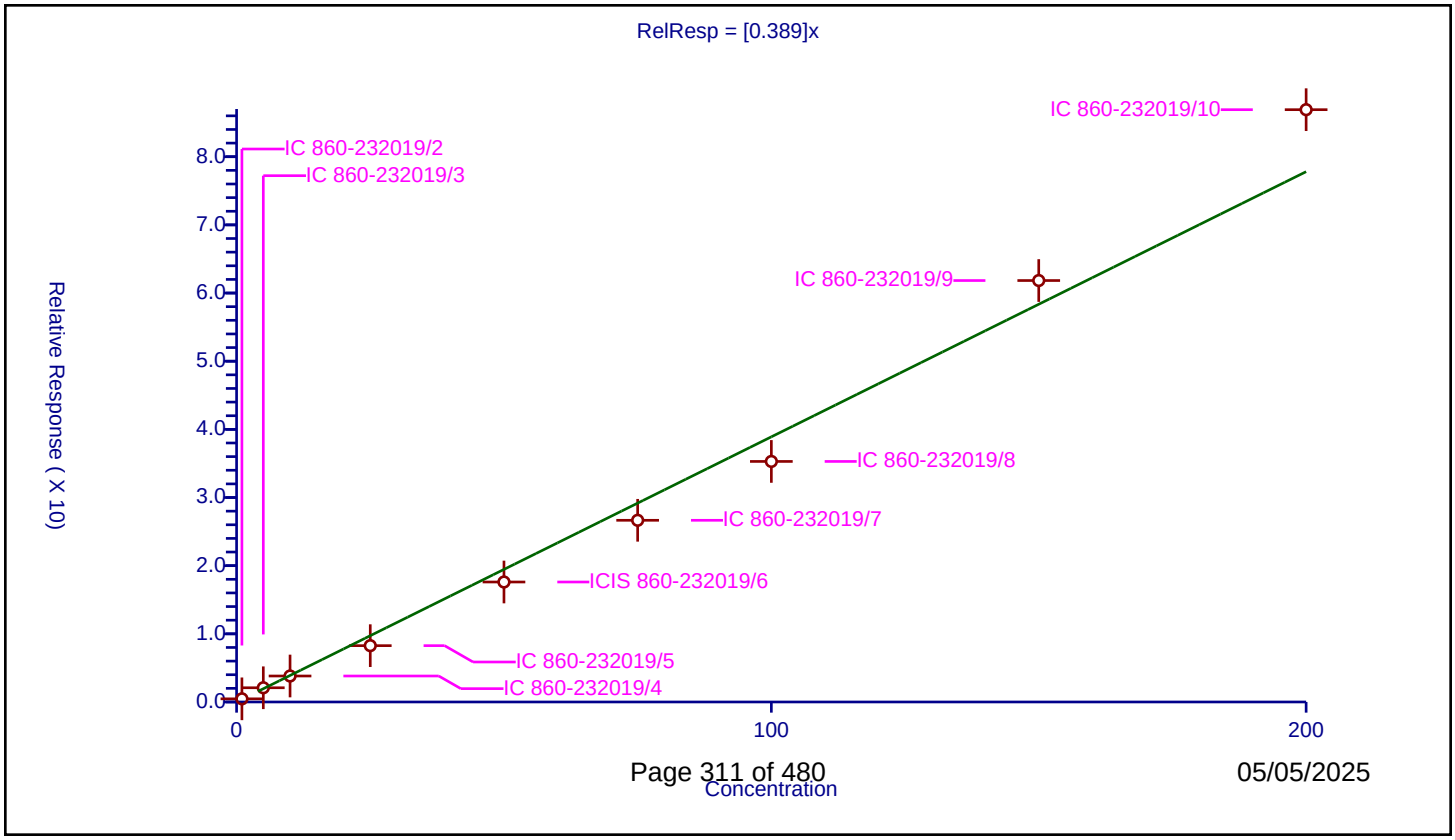
Curve Coefficients

Intercept:	0
Slope:	0.389

Error Coefficients

Relative Standard Deviation:	11.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	0.465021	50.0	285041.0	0.465021	Y
2	IC 860-232019/3	5.0	2.085682	50.0	298871.0	0.417136	Y
3	IC 860-232019/4	10.0	3.813524	50.0	299631.0	0.381352	Y
4	IC 860-232019/5	25.0	8.263279	50.0	314875.0	0.330531	Y
5	ICIS 860-232019/6	50.0	17.603386	50.0	318612.0	0.352068	Y
6	IC 860-232019/7	75.0	26.658621	50.0	332701.0	0.355448	Y
7	IC 860-232019/8	100.0	35.291534	50.0	361999.0	0.352915	Y
8	IC 860-232019/9	150.0	61.836019	50.0	391314.0	0.41224	Y
9	IC 860-232019/10	200.0	86.902043	50.0	433434.0	0.43451	Y



Calibration / 2-Nitropropane

Curve Type:	Quadratic
Weighting:	None
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

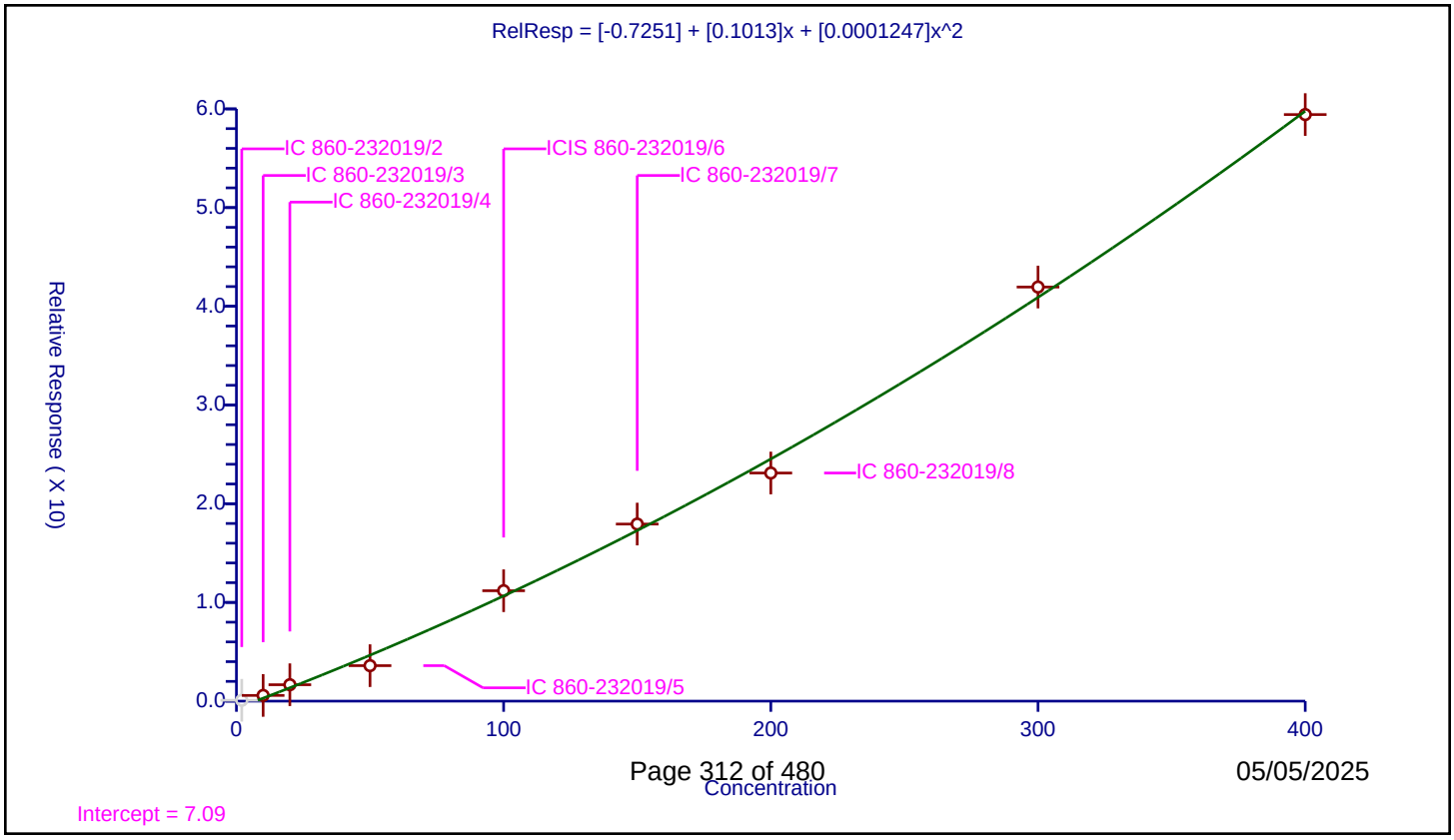
Curve Coefficients

Intercept:	-0.7251
Slope:	0.1013
Second Order:	0.0001247

Error Coefficients

Relative Standard Deviation:	16.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	2.0	0.08718	50.0	285041.0	0.04359	N
2	IC 860-232019/3	10.0	0.580016	50.0	298871.0	0.058002	Y
3	IC 860-232019/4	20.0	1.663212	50.0	299631.0	0.083161	Y
4	IC 860-232019/5	50.0	3.595395	50.0	314875.0	0.071908	Y
5	ICIS 860-232019/6	100.0	11.184921	50.0	318612.0	0.111849	Y
6	IC 860-232019/7	150.0	17.940583	50.0	332701.0	0.119604	Y
7	IC 860-232019/8	200.0	23.112633	50.0	361999.0	0.115563	Y
8	IC 860-232019/9	300.0	41.951221	50.0	391314.0	0.139837	Y
9	IC 860-232019/10	400.0	59.426118	50.0	433434.0	0.148565	Y



Calibration / 2-Chloroethyl vinyl ether

Curve Type:	Quadratic
Weighting:	None
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

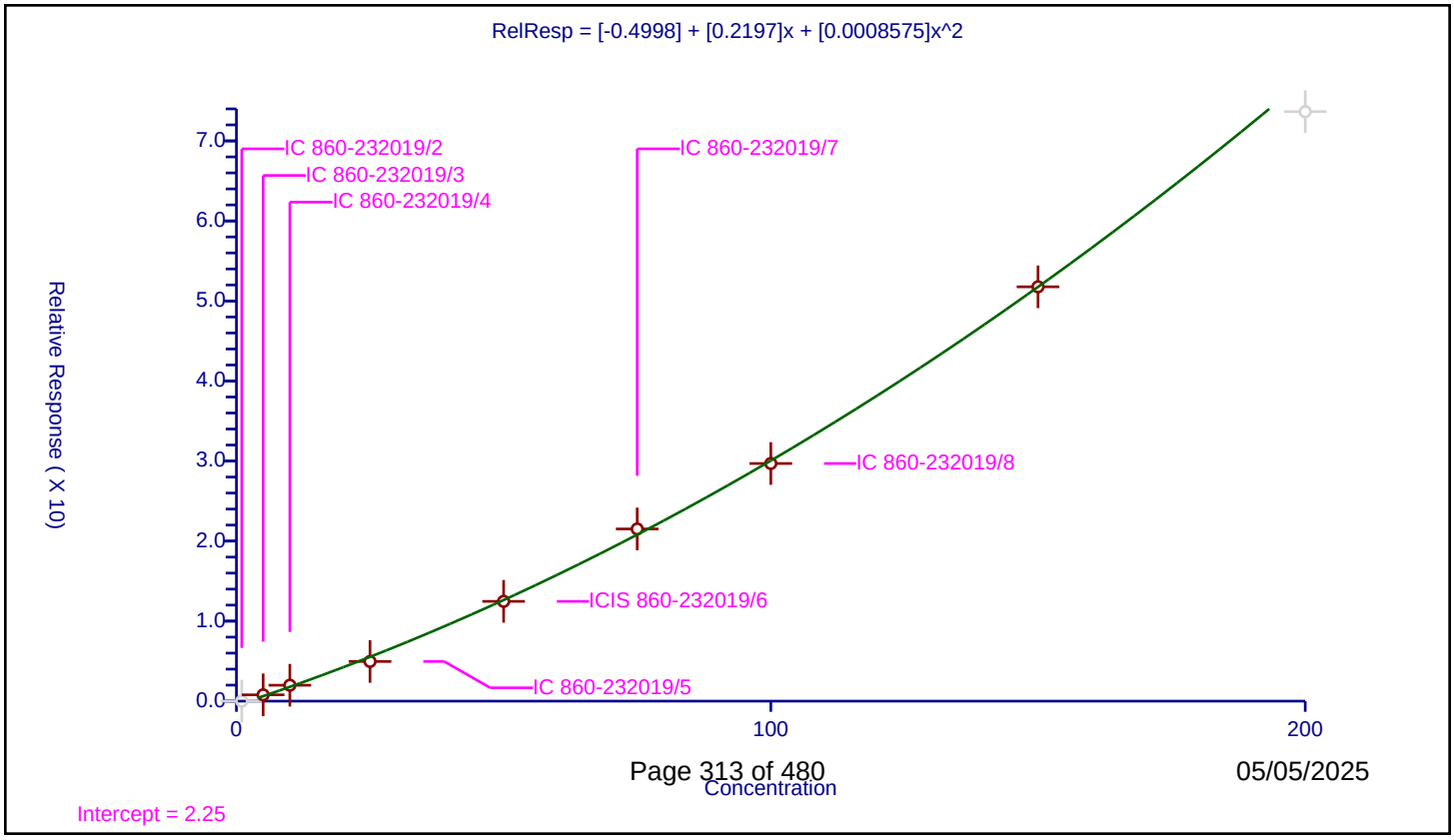
Curve Coefficients

Intercept:	-0.4998
Slope:	0.2197
Second Order:	0.0008575

Error Coefficients

Relative Standard Deviation:	9.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	0.0	50.0	285041.0	0.0	N
2	IC 860-232019/3	5.0	0.786962	50.0	298871.0	0.157392	Y
3	IC 860-232019/4	10.0	1.986944	50.0	299631.0	0.198694	Y
4	IC 860-232019/5	25.0	4.956888	50.0	314875.0	0.198276	Y
5	ICIS 860-232019/6	50.0	12.467672	50.0	318612.0	0.249353	Y
6	IC 860-232019/7	75.0	21.511658	50.0	332701.0	0.286822	Y
7	IC 860-232019/8	100.0	29.693176	50.0	361999.0	0.296932	Y
8	IC 860-232019/9	150.0	51.768784	50.0	391314.0	0.345125	Y
9	IC 860-232019/10	200.0	73.654812	50.0	433434.0	0.368274	N



Calibration / Epichlorohydrin

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

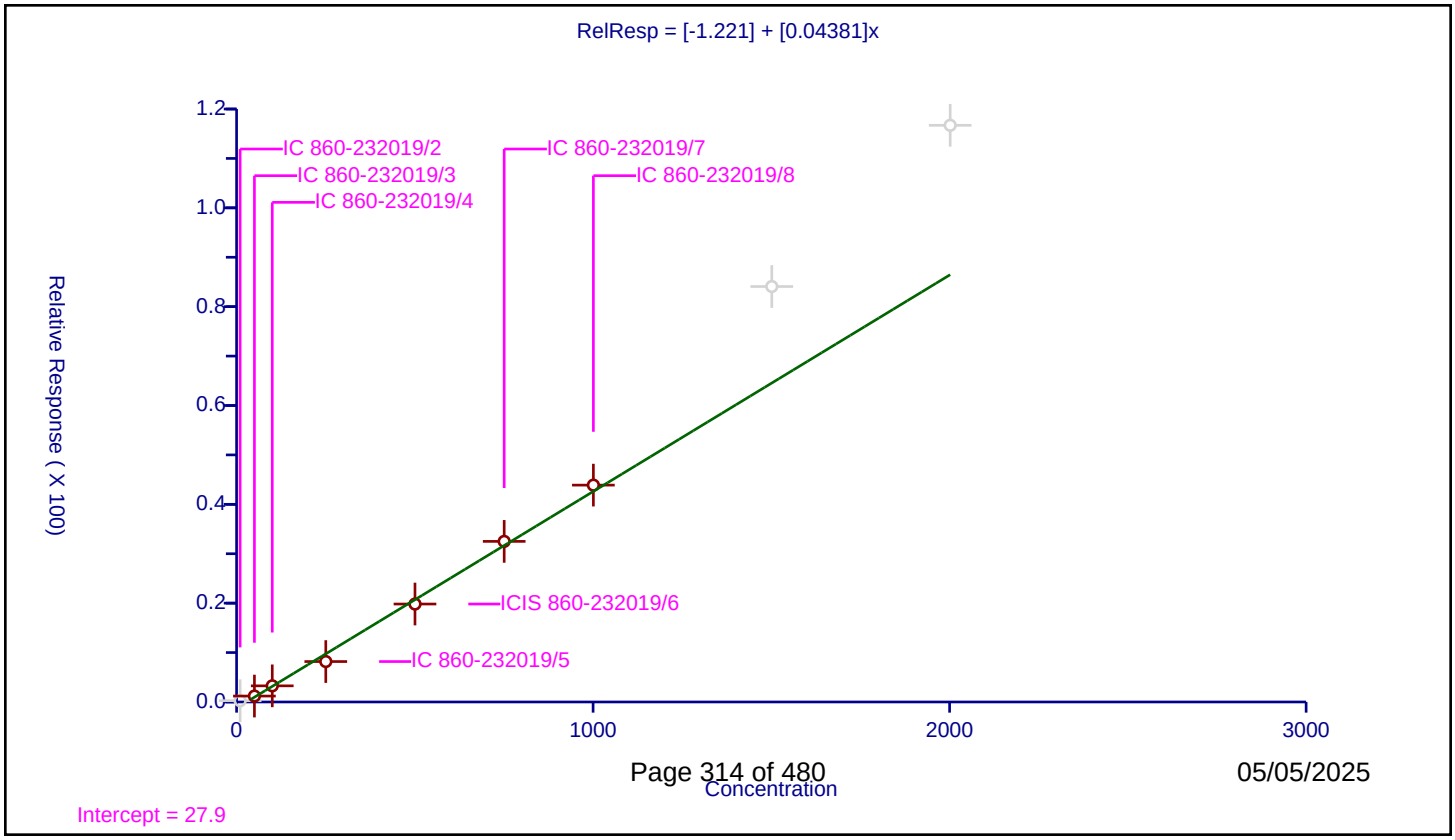
Curve Coefficients

Intercept:	-1.221
Slope:	0.04381

Error Coefficients

Relative Standard Deviation:	9.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	10.00818	0.25891	50.0	285041.0	0.02587	N
2	IC 860-232019/3	50.0409	1.19918	50.0	298871.0	0.023964	Y
3	IC 860-232019/4	100.0818	3.268353	50.0	299631.0	0.032657	Y
4	IC 860-232019/5	250.2045	8.186423	50.0	314875.0	0.032719	Y
5	ICIS 860-232019/6	500.409	19.823327	50.0	318612.0	0.039614	Y
6	IC 860-232019/7	750.6135	32.502307	50.0	332701.0	0.043301	Y
7	IC 860-232019/8	1000.818	43.886447	50.0	361999.0	0.043851	Y
8	IC 860-232019/9	1501.227	84.080176	50.0	391314.0	0.056008	N
9	IC 860-232019/10	2001.636	116.702197	50.0	433434.0	0.058303	N



Calibration / cis-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

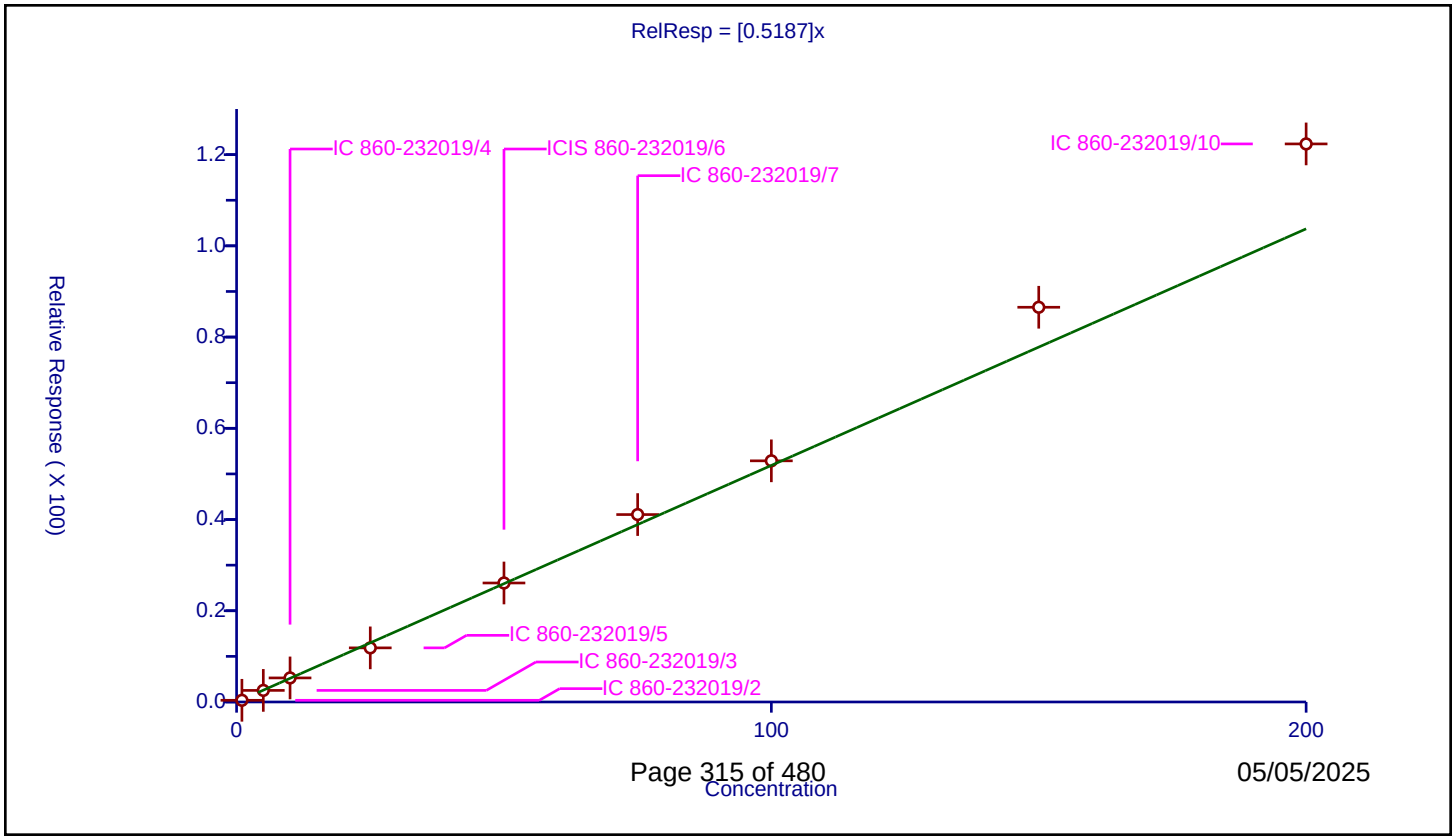
Curve Coefficients

Intercept:	0
Slope:	0.5187

Error Coefficients

Relative Standard Deviation:	13.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	0.370824	50.0	285041.0	0.370824	Y
2	IC 860-232019/3	5.0	2.540394	50.0	298871.0	0.508079	Y
3	IC 860-232019/4	10.0	5.275656	50.0	299631.0	0.527566	Y
4	IC 860-232019/5	25.0	11.863438	50.0	314875.0	0.474538	Y
5	ICIS 860-232019/6	50.0	26.08753	50.0	318612.0	0.521751	Y
6	IC 860-232019/7	75.0	41.087794	50.0	332701.0	0.547837	Y
7	IC 860-232019/8	100.0	52.871693	50.0	361999.0	0.528717	Y
8	IC 860-232019/9	150.0	86.536388	50.0	391314.0	0.576909	Y
9	IC 860-232019/10	200.0	122.347116	50.0	433434.0	0.611736	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

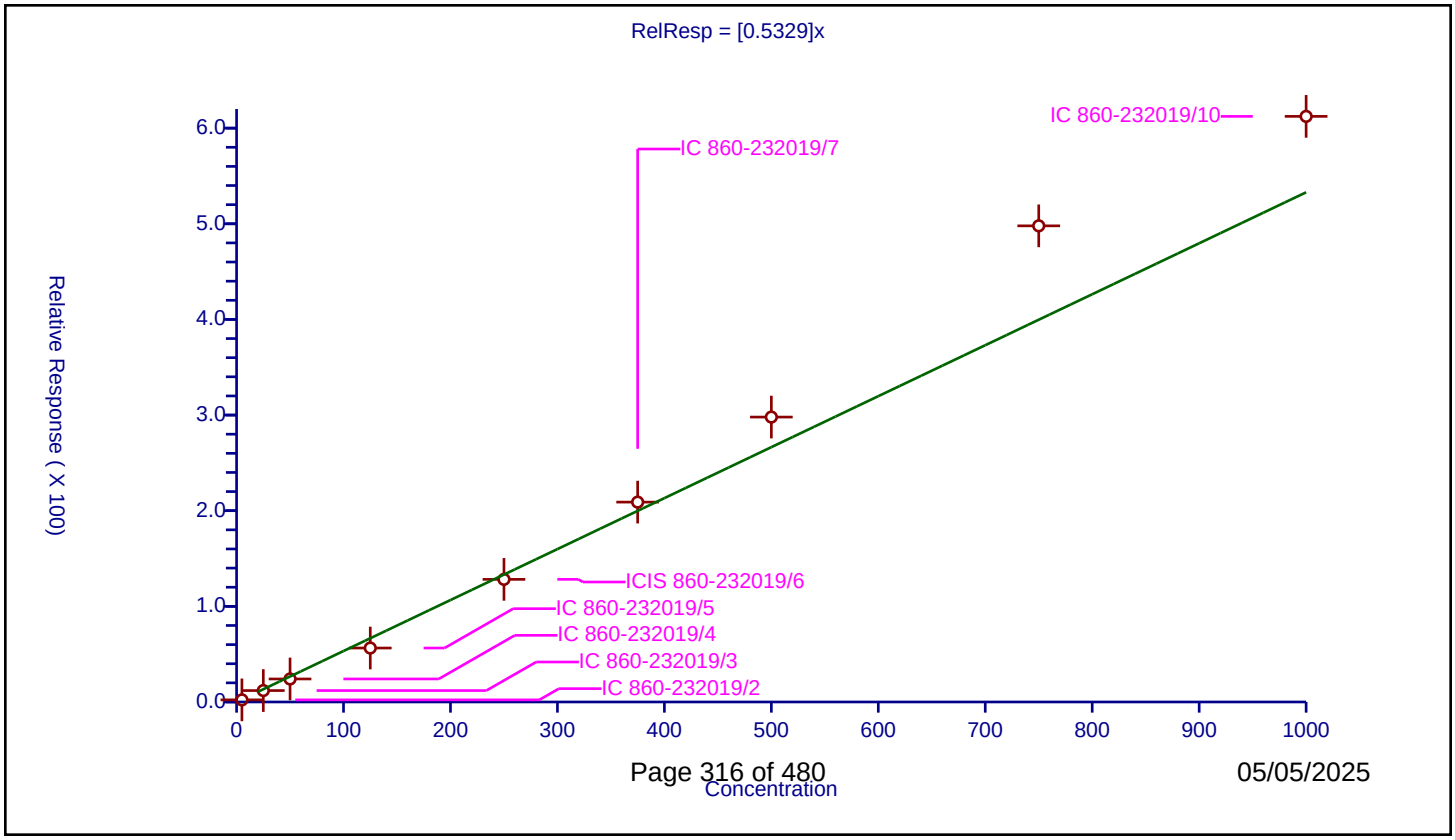
Curve Coefficients

Intercept:	0
Slope:	0.5329

Error Coefficients

Relative Standard Deviation:	14.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	5.0	2.217927	50.0	285041.0	0.443585	Y
2	IC 860-232019/3	25.0	11.936253	50.0	298871.0	0.47745	Y
3	IC 860-232019/4	50.0	24.070607	50.0	299631.0	0.481412	Y
4	IC 860-232019/5	125.0	56.42763	50.0	314875.0	0.451421	Y
5	ICIS 860-232019/6	250.0	128.22775	50.0	318612.0	0.512911	Y
6	IC 860-232019/7	375.0	208.980736	50.0	332701.0	0.557282	Y
7	IC 860-232019/8	500.0	297.918641	50.0	361999.0	0.595837	Y
8	IC 860-232019/9	750.0	497.841887	50.0	391314.0	0.663789	Y
9	IC 860-232019/10	1000.0	612.315024	50.0	433434.0	0.612315	Y



Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

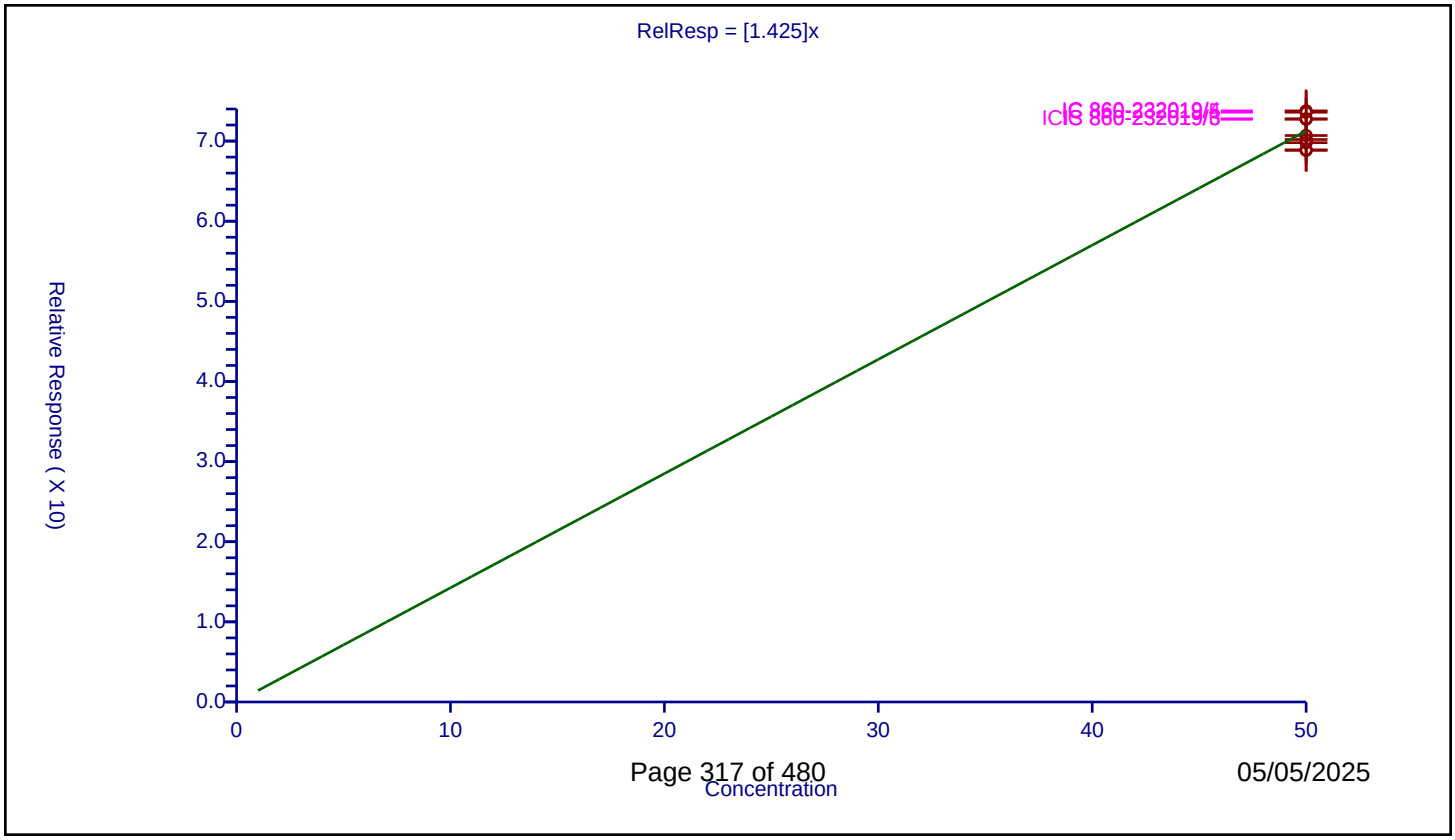
Curve Coefficients

Intercept:	0
Slope:	1.425

Error Coefficients

Relative Standard Deviation:	2.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	50.0	69.799003	50.0	271895.0	1.39598	Y
2	IC 860-232019/3	50.0	72.773244	50.0	285258.0	1.455465	Y
3	IC 860-232019/4	50.0	73.76844	50.0	289186.0	1.475369	Y
4	IC 860-232019/5	50.0	73.597236	50.0	304898.0	1.471945	Y
5	ICIS 860-232019/6	50.0	72.728734	50.0	314098.0	1.454575	Y
6	IC 860-232019/7	50.0	70.691077	50.0	342017.0	1.413822	Y
7	IC 860-232019/8	50.0	70.19324	50.0	362916.0	1.403865	Y
8	IC 860-232019/9	50.0	68.842245	50.0	398193.0	1.376845	Y
9	IC 860-232019/10	50.0	68.904178	50.0	425279.0	1.378084	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

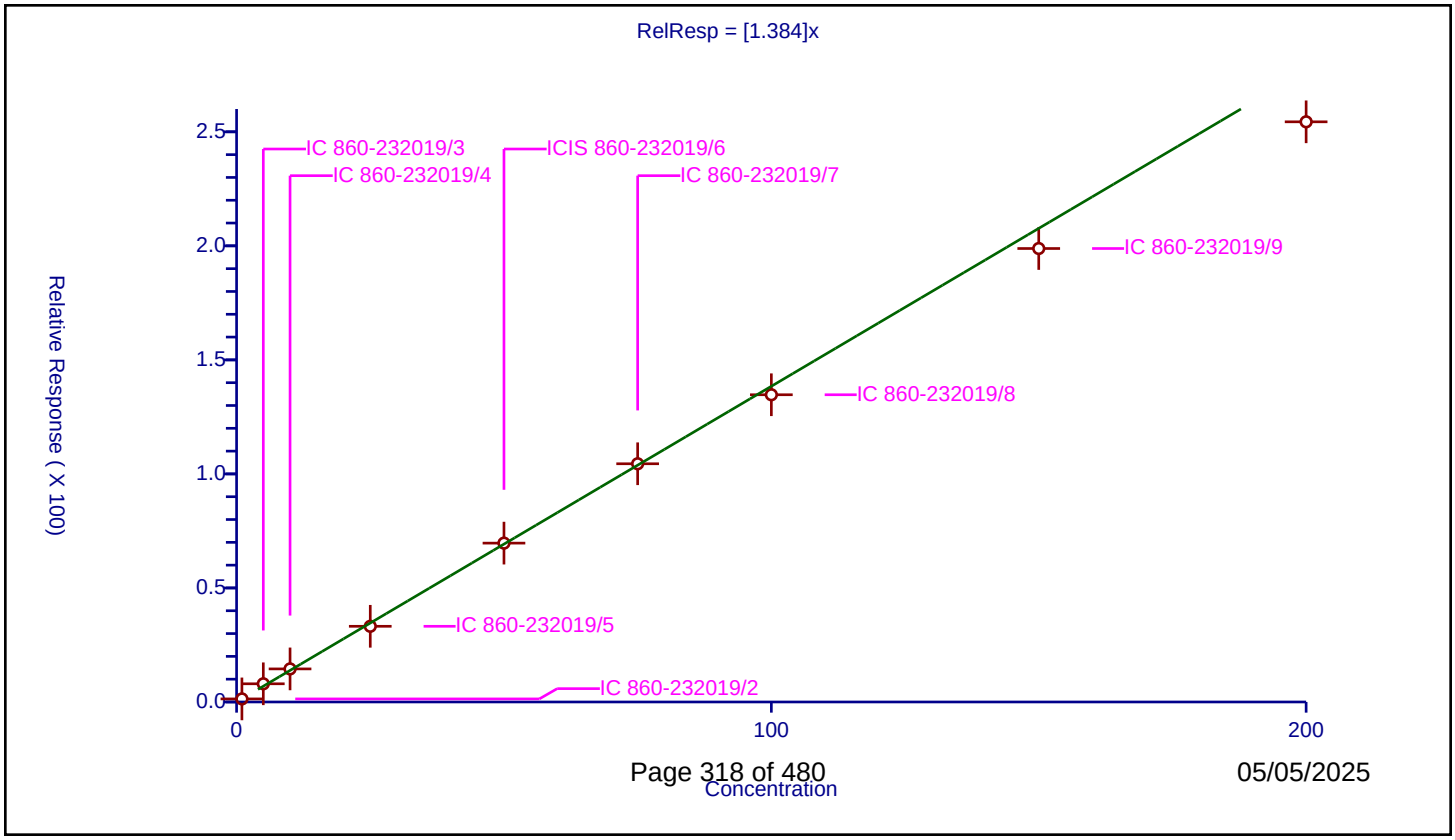
Curve Coefficients

Intercept:	0
Slope:	1.384

Error Coefficients

Relative Standard Deviation:	6.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	1.355303	50.0	271895.0	1.355303	Y
2	IC 860-232019/3	5.0	7.979969	50.0	285258.0	1.595994	Y
3	IC 860-232019/4	10.0	14.502604	50.0	289186.0	1.45026	Y
4	IC 860-232019/5	25.0	33.18372	50.0	304898.0	1.327349	Y
5	ICIS 860-232019/6	50.0	69.659151	50.0	314098.0	1.393183	Y
6	IC 860-232019/7	75.0	104.457381	50.0	342017.0	1.392765	Y
7	IC 860-232019/8	100.0	134.7112	50.0	362916.0	1.347112	Y
8	IC 860-232019/9	150.0	198.837624	50.0	398193.0	1.325584	Y
9	IC 860-232019/10	200.0	254.389119	50.0	425279.0	1.271946	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

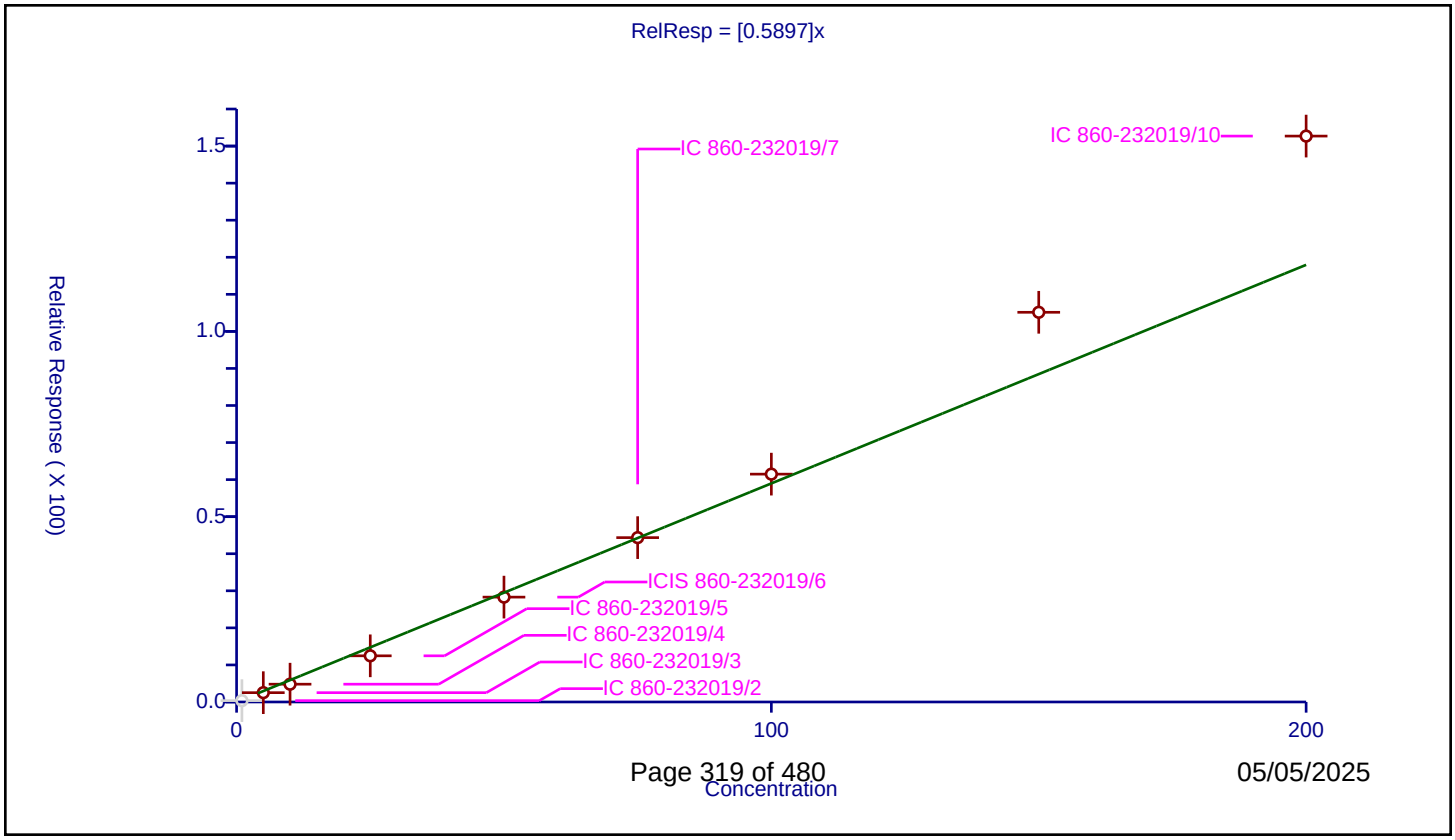
Curve Coefficients

Intercept:	0
Slope:	0.5897

Error Coefficients

Relative Standard Deviation:	17.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	0.36264	50.0	271895.0	0.36264	N
2	IC 860-232019/3	5.0	2.515092	50.0	285258.0	0.503018	Y
3	IC 860-232019/4	10.0	4.799333	50.0	289186.0	0.479933	Y
4	IC 860-232019/5	25.0	12.462036	50.0	304898.0	0.498481	Y
5	ICIS 860-232019/6	50.0	28.292603	50.0	314098.0	0.565852	Y
6	IC 860-232019/7	75.0	44.347211	50.0	342017.0	0.591296	Y
7	IC 860-232019/8	100.0	61.483925	50.0	362916.0	0.614839	Y
8	IC 860-232019/9	150.0	105.153154	50.0	398193.0	0.701021	Y
9	IC 860-232019/10	200.0	152.697994	50.0	425279.0	0.76349	Y



Calibration / Ethyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

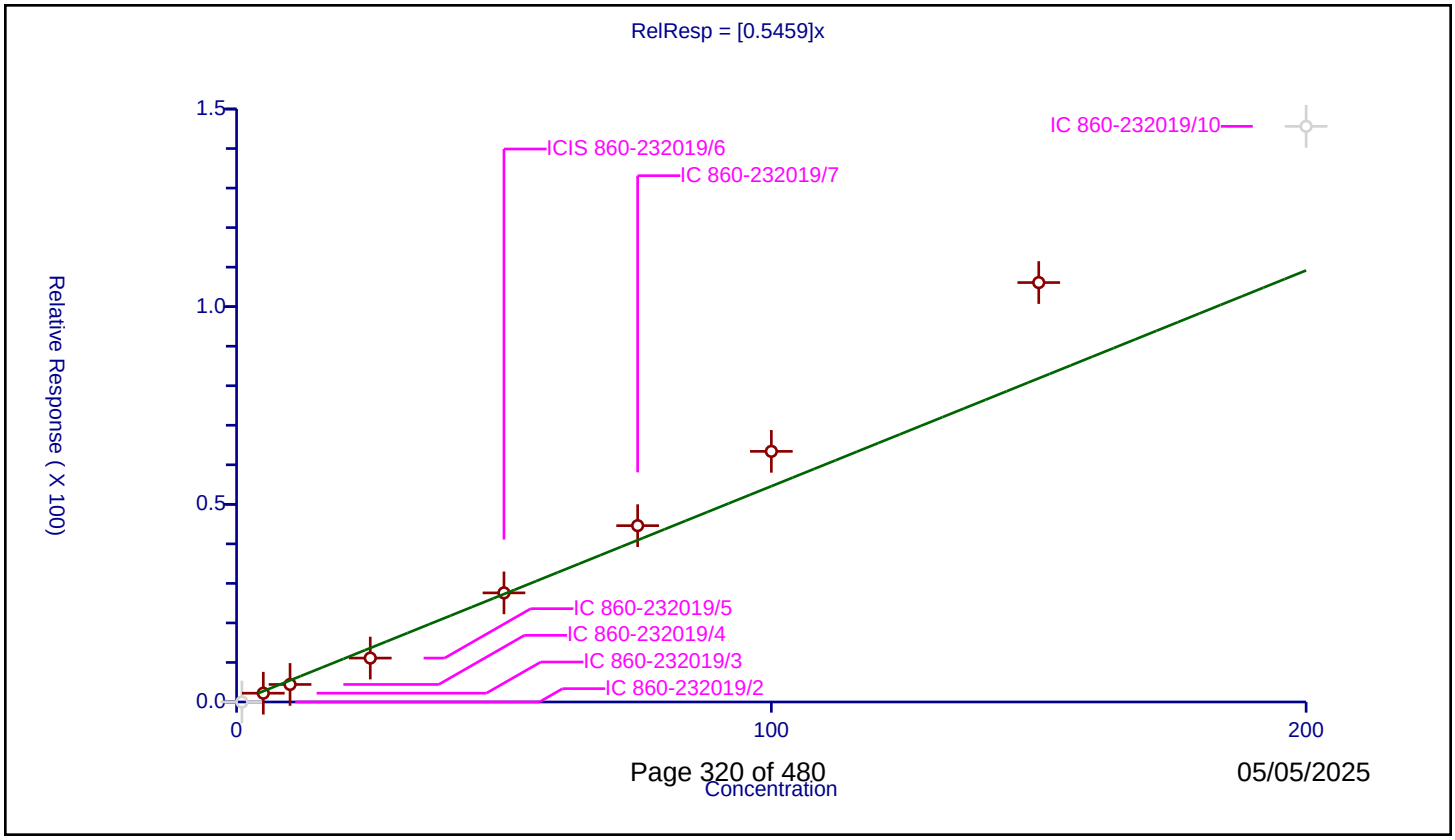
Curve Coefficients

Intercept:	0
Slope:	0.5459

Error Coefficients

Relative Standard Deviation:	19.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	0.0	50.0	271895.0	0.0	N
2	IC 860-232019/3	5.0	2.223952	50.0	285258.0	0.44479	Y
3	IC 860-232019/4	10.0	4.43711	50.0	289186.0	0.443711	Y
4	IC 860-232019/5	25.0	11.108469	50.0	304898.0	0.444339	Y
5	ICIS 860-232019/6	50.0	27.601258	50.0	314098.0	0.552025	Y
6	IC 860-232019/7	75.0	44.606993	50.0	342017.0	0.59476	Y
7	IC 860-232019/8	100.0	63.401035	50.0	362916.0	0.63401	Y
8	IC 860-232019/9	150.0	106.101187	50.0	398193.0	0.707341	Y
9	IC 860-232019/10	200.0	145.616407	50.0	425279.0	0.728082	N



Calibration / 1,1,2-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

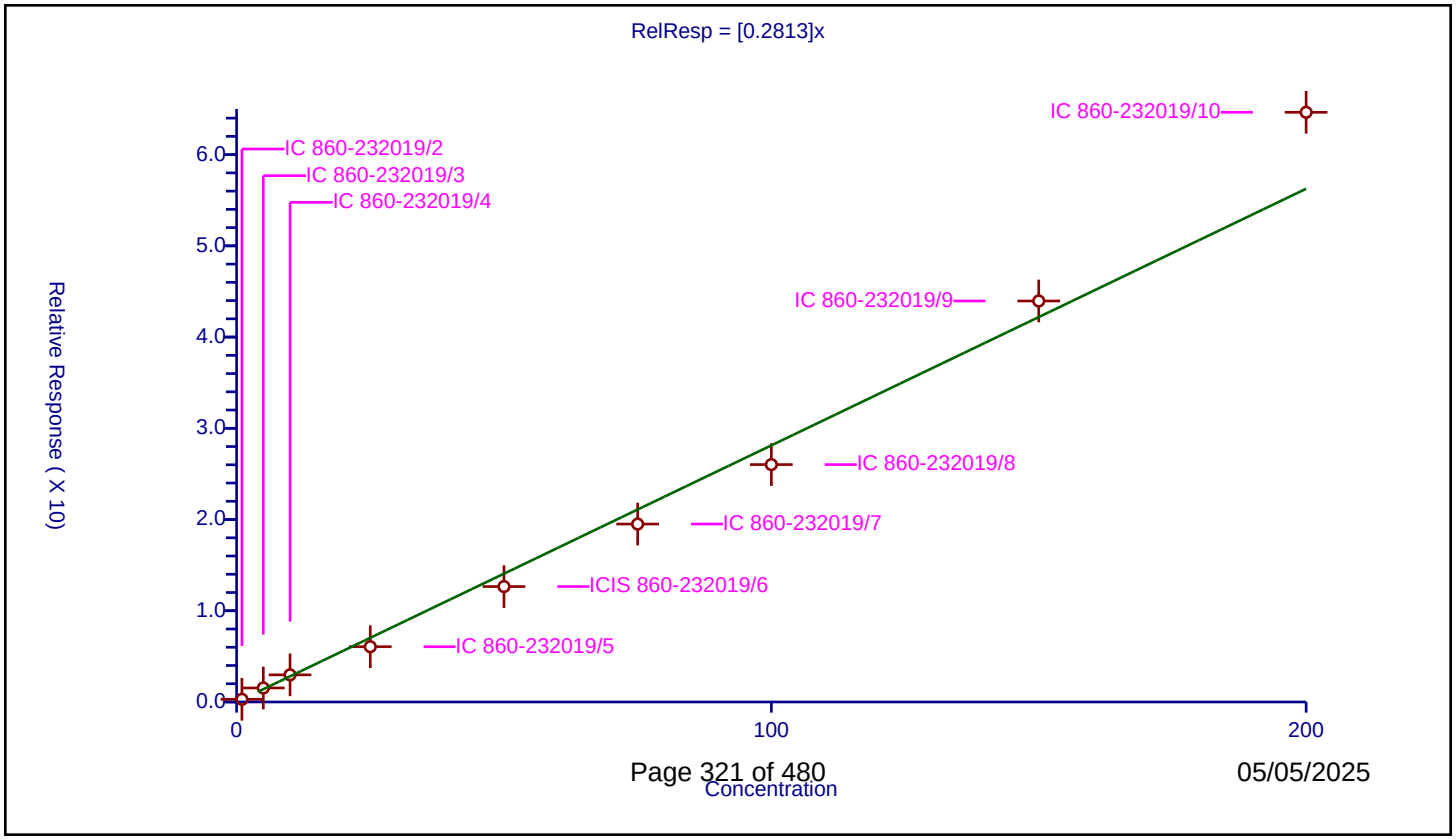
Curve Coefficients

Intercept:	0
Slope:	0.2813

Error Coefficients

Relative Standard Deviation:	9.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	0.295151	50.0	271895.0	0.295151	Y
2	IC 860-232019/3	5.0	1.535627	50.0	285258.0	0.307125	Y
3	IC 860-232019/4	10.0	2.974037	50.0	289186.0	0.297404	Y
4	IC 860-232019/5	25.0	6.0576	50.0	304898.0	0.242304	Y
5	ICIS 860-232019/6	50.0	12.652898	50.0	314098.0	0.253058	Y
6	IC 860-232019/7	75.0	19.50327	50.0	342017.0	0.260044	Y
7	IC 860-232019/8	100.0	26.022826	50.0	362916.0	0.260228	Y
8	IC 860-232019/9	150.0	43.955193	50.0	398193.0	0.293035	Y
9	IC 860-232019/10	200.0	64.64133	50.0	425279.0	0.323207	Y



Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

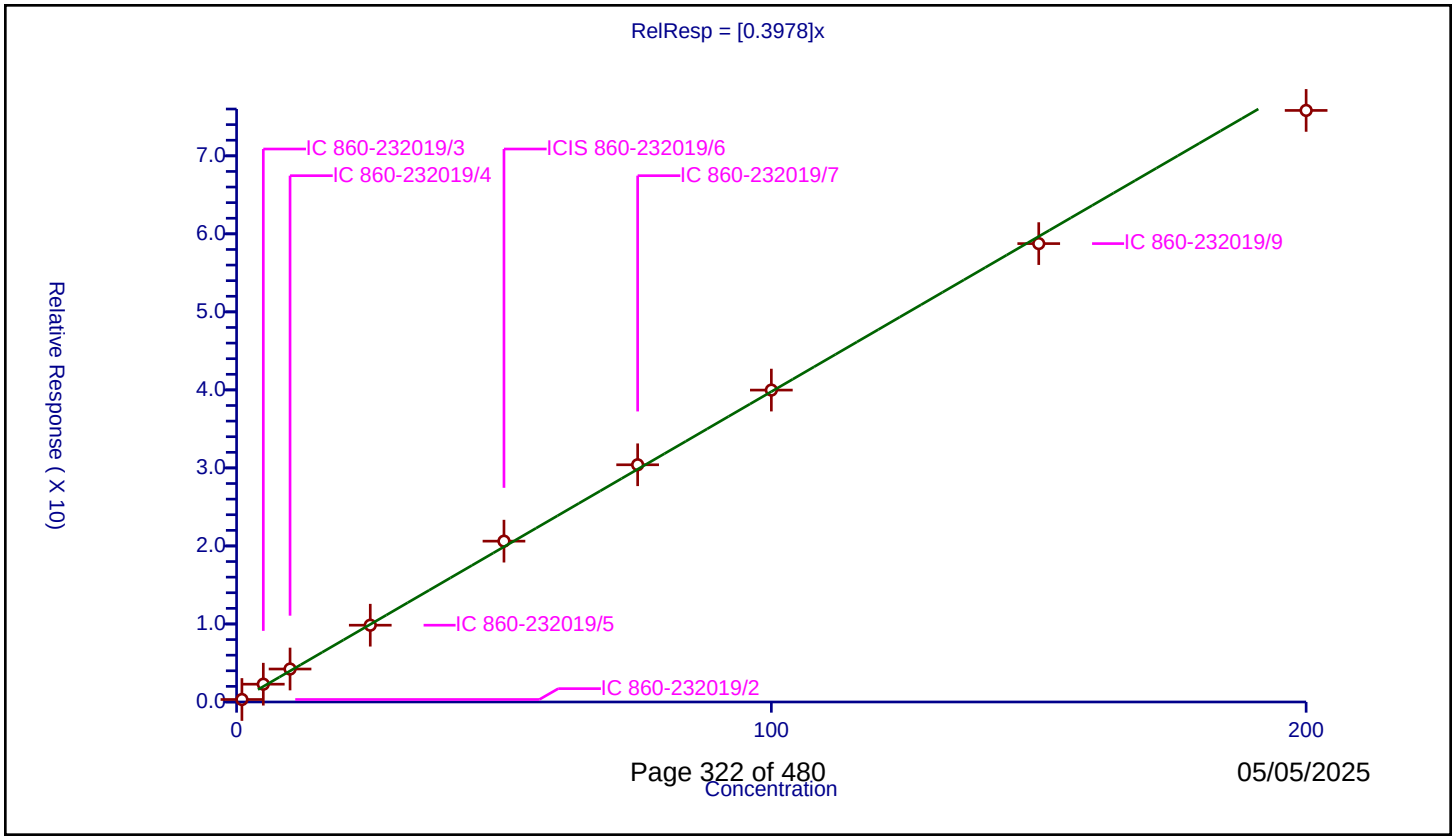
Curve Coefficients

Intercept:	0
Slope:	0.3978

Error Coefficients

Relative Standard Deviation:	9.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	0.319425	50.0	271895.0	0.319425	Y
2	IC 860-232019/3	5.0	2.280041	50.0	285258.0	0.456008	Y
3	IC 860-232019/4	10.0	4.226	50.0	289186.0	0.4226	Y
4	IC 860-232019/5	25.0	9.842308	50.0	304898.0	0.393692	Y
5	ICIS 860-232019/6	50.0	20.613153	50.0	314098.0	0.412263	Y
6	IC 860-232019/7	75.0	30.403167	50.0	342017.0	0.405376	Y
7	IC 860-232019/8	100.0	39.977157	50.0	362916.0	0.399772	Y
8	IC 860-232019/9	150.0	58.749777	50.0	398193.0	0.391665	Y
9	IC 860-232019/10	200.0	75.818815	50.0	425279.0	0.379094	Y



Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

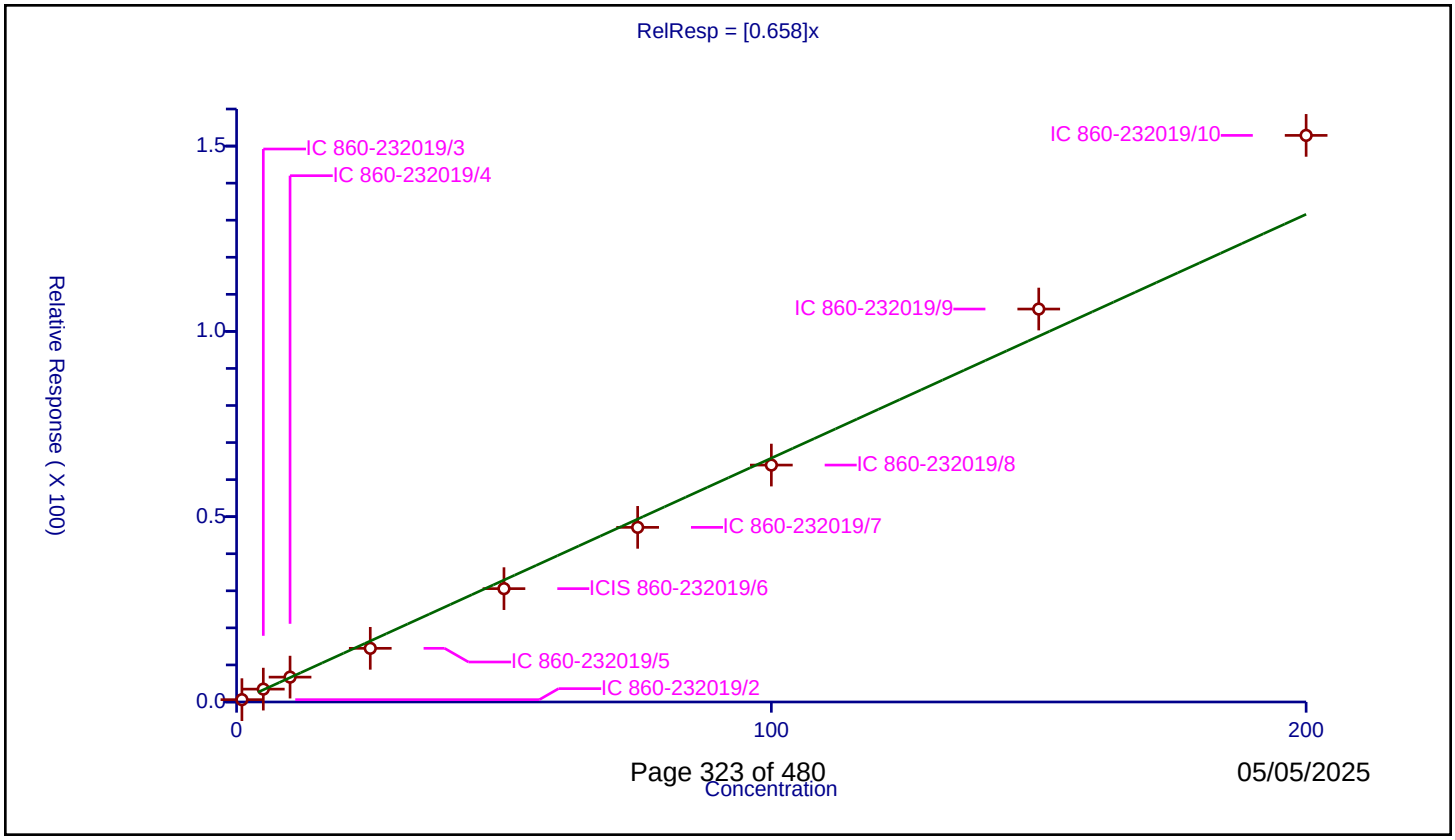
Curve Coefficients

Intercept:	0
Slope:	0.658

Error Coefficients

Relative Standard Deviation:	8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	0.626529	50.0	271895.0	0.626529	Y
2	IC 860-232019/3	5.0	3.471945	50.0	285258.0	0.694389	Y
3	IC 860-232019/4	10.0	6.711424	50.0	289186.0	0.671142	Y
4	IC 860-232019/5	25.0	14.480252	50.0	304898.0	0.57921	Y
5	ICIS 860-232019/6	50.0	30.580742	50.0	314098.0	0.611615	Y
6	IC 860-232019/7	75.0	47.12178	50.0	342017.0	0.62829	Y
7	IC 860-232019/8	100.0	63.927465	50.0	362916.0	0.639275	Y
8	IC 860-232019/9	150.0	106.029237	50.0	398193.0	0.706862	Y
9	IC 860-232019/10	200.0	152.880932	50.0	425279.0	0.764405	Y



Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

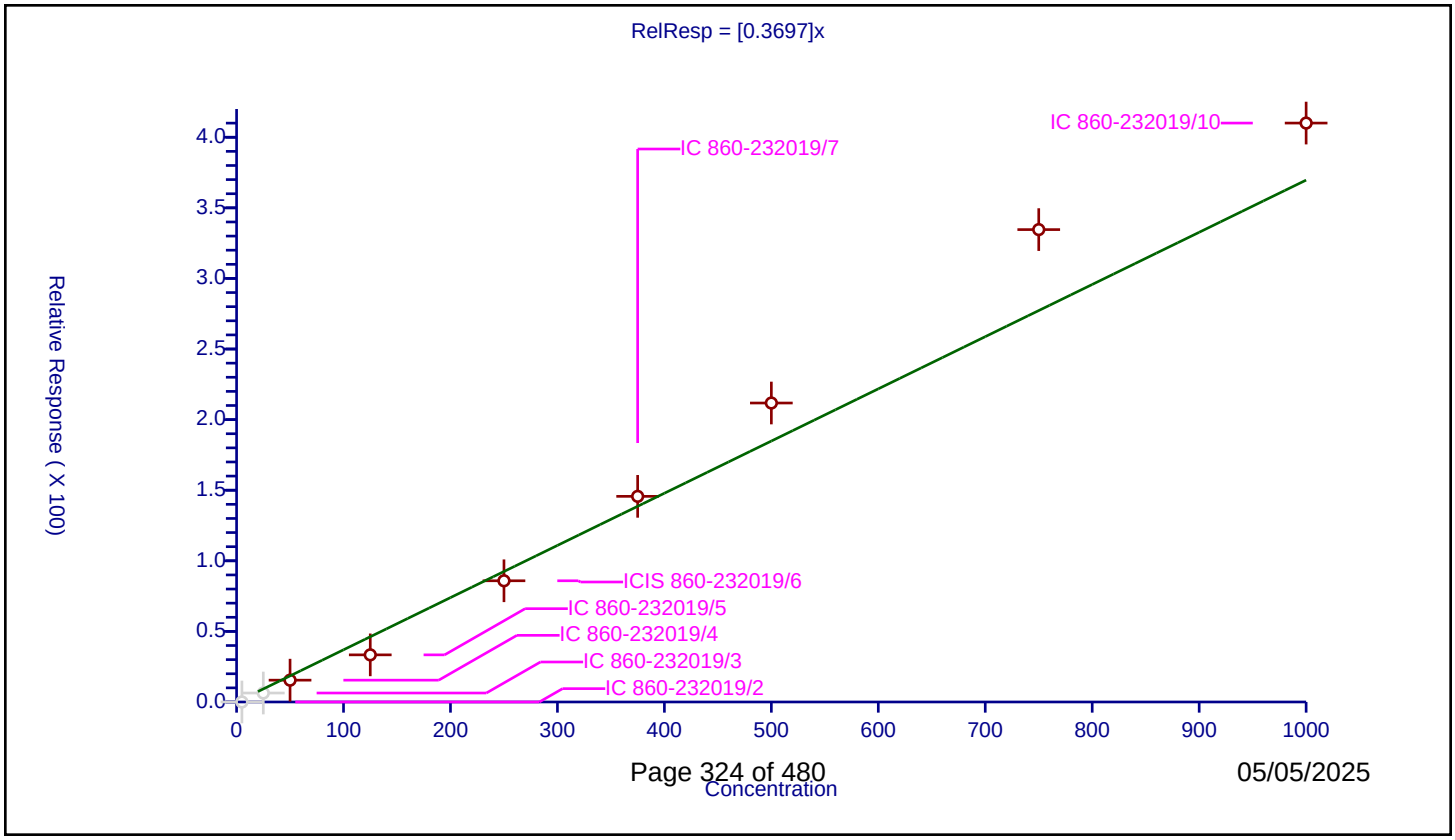
Curve Coefficients

Intercept:	0
Slope:	0.3697

Error Coefficients

Relative Standard Deviation:	17.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	5.0	0.0	50.0	271895.0	0.0	N
2	IC 860-232019/3	25.0	6.357753	50.0	285258.0	0.25431	N
3	IC 860-232019/4	50.0	15.452339	50.0	289186.0	0.309047	Y
4	IC 860-232019/5	125.0	33.377884	50.0	304898.0	0.267023	Y
5	ICIS 860-232019/6	250.0	85.850754	50.0	314098.0	0.343403	Y
6	IC 860-232019/7	375.0	145.659134	50.0	342017.0	0.388424	Y
7	IC 860-232019/8	500.0	211.760986	50.0	362916.0	0.423522	Y
8	IC 860-232019/9	750.0	334.581095	50.0	398193.0	0.446108	Y
9	IC 860-232019/10	1000.0	410.045993	50.0	425279.0	0.410046	Y



Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

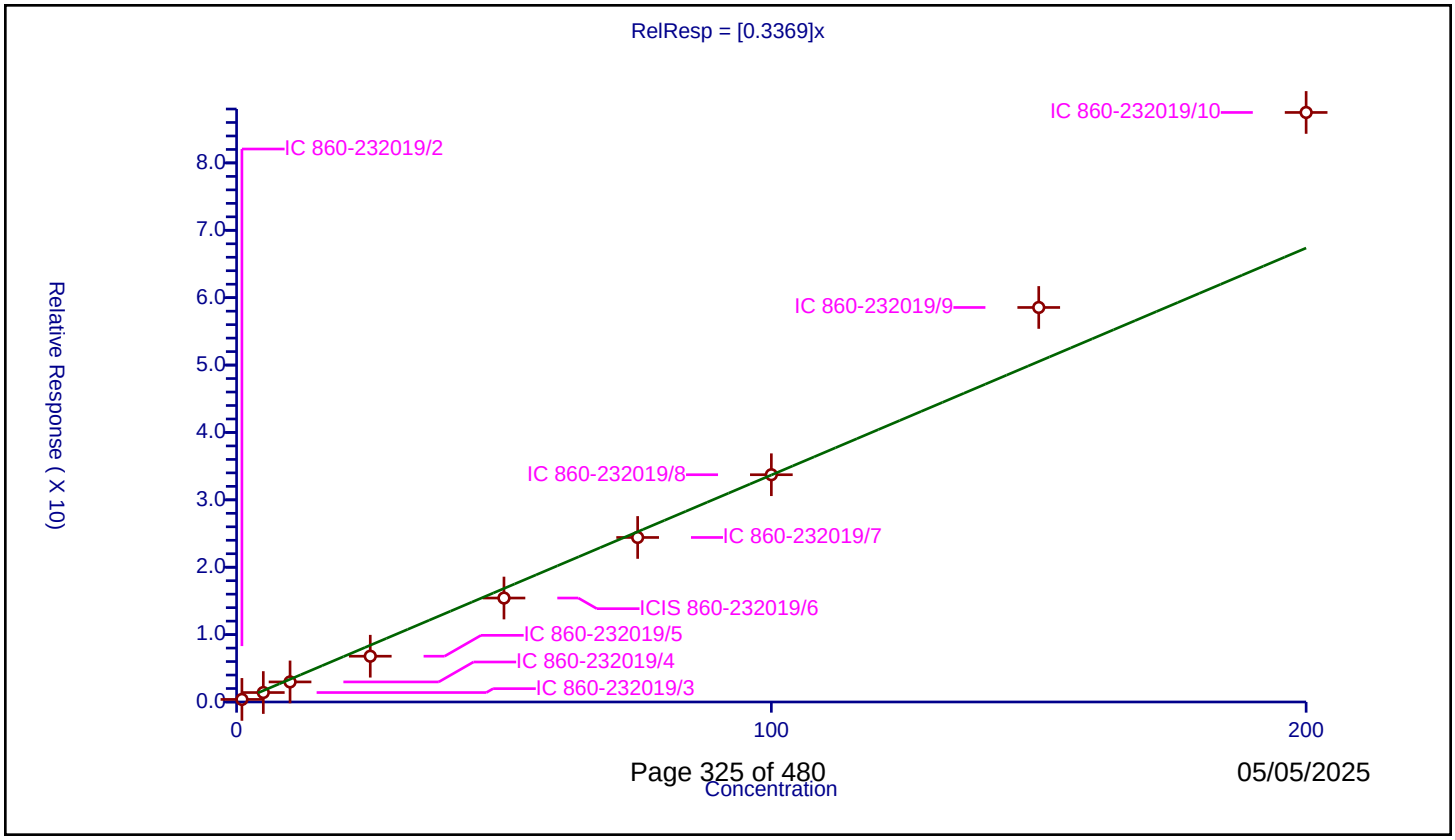
Curve Coefficients

Intercept:	0
Slope:	0.3369

Error Coefficients

Relative Standard Deviation:	16.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	0.382317	50.0	271895.0	0.382317	Y
2	IC 860-232019/3	5.0	1.40294	50.0	285258.0	0.280588	Y
3	IC 860-232019/4	10.0	2.978706	50.0	289186.0	0.297871	Y
4	IC 860-232019/5	25.0	6.794403	50.0	304898.0	0.271776	Y
5	ICIS 860-232019/6	50.0	15.428465	50.0	314098.0	0.308569	Y
6	IC 860-232019/7	75.0	24.413699	50.0	342017.0	0.325516	Y
7	IC 860-232019/8	100.0	33.728328	50.0	362916.0	0.337283	Y
8	IC 860-232019/9	150.0	58.547363	50.0	398193.0	0.390316	Y
9	IC 860-232019/10	200.0	87.488684	50.0	425279.0	0.437443	Y



Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

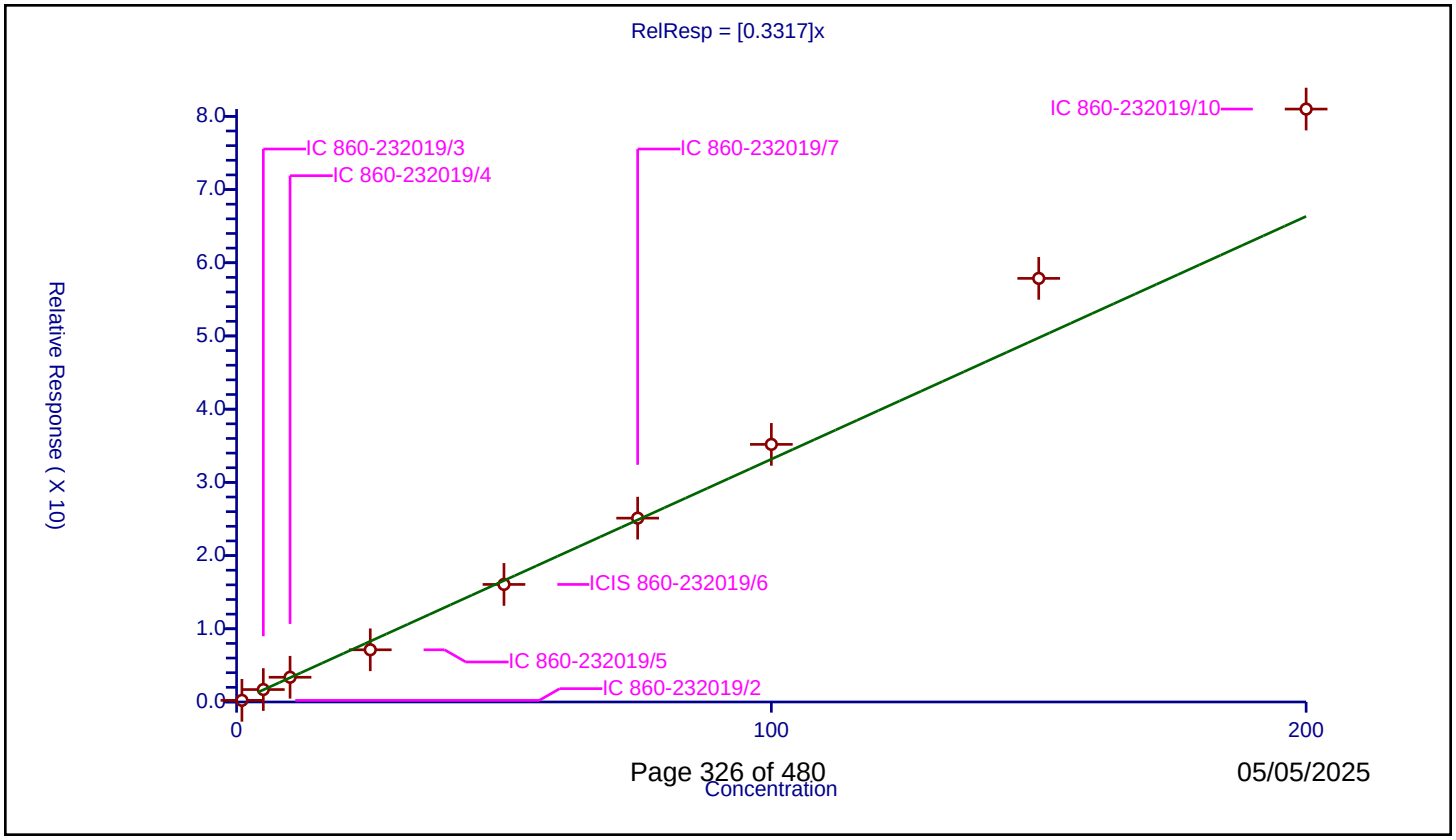
Curve Coefficients

Intercept:	0
Slope:	0.3317

Error Coefficients

Relative Standard Deviation:	16.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	0.223064	50.0	271895.0	0.223064	Y
2	IC 860-232019/3	5.0	1.700916	50.0	285258.0	0.340183	Y
3	IC 860-232019/4	10.0	3.378794	50.0	289186.0	0.337879	Y
4	IC 860-232019/5	25.0	7.130909	50.0	304898.0	0.285236	Y
5	ICIS 860-232019/6	50.0	16.059478	50.0	314098.0	0.32119	Y
6	IC 860-232019/7	75.0	25.112933	50.0	342017.0	0.334839	Y
7	IC 860-232019/8	100.0	35.18941	50.0	362916.0	0.351894	Y
8	IC 860-232019/9	150.0	57.864277	50.0	398193.0	0.385762	Y
9	IC 860-232019/10	200.0	80.992008	50.0	425279.0	0.40496	Y



Calibration / 1-Chlorohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

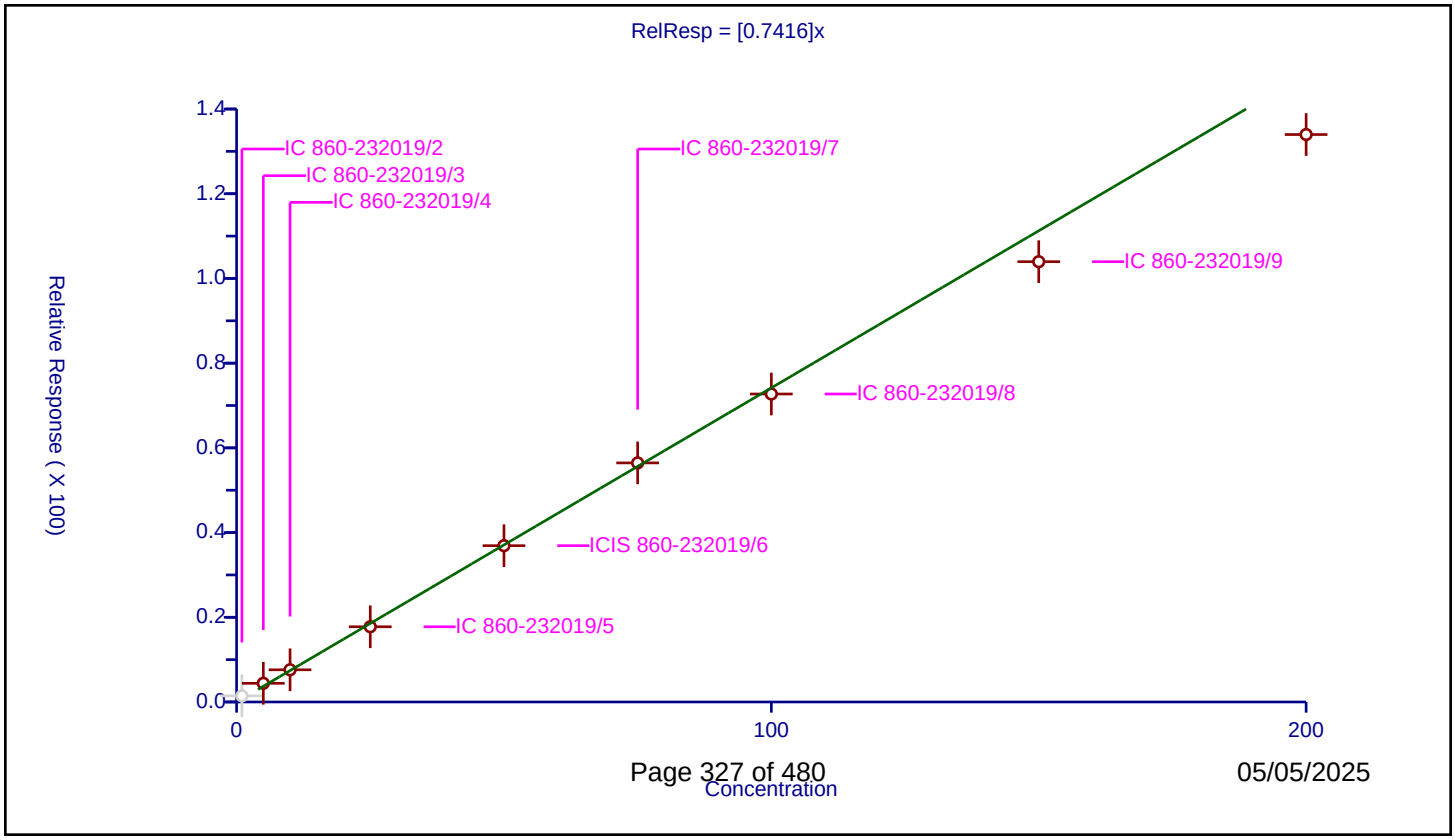
Curve Coefficients

Intercept:	0
Slope:	0.7416

Error Coefficients

Relative Standard Deviation:	8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	1.449089	50.0	271895.0	1.449089	N
2	IC 860-232019/3	5.0	4.407238	50.0	285258.0	0.881448	Y
3	IC 860-232019/4	10.0	7.603065	50.0	289186.0	0.760307	Y
4	IC 860-232019/5	25.0	17.766597	50.0	304898.0	0.710664	Y
5	ICIS 860-232019/6	50.0	36.903769	50.0	314098.0	0.738075	Y
6	IC 860-232019/7	75.0	56.44427	50.0	342017.0	0.75259	Y
7	IC 860-232019/8	100.0	72.717516	50.0	362916.0	0.727175	Y
8	IC 860-232019/9	150.0	103.953736	50.0	398193.0	0.693025	Y
9	IC 860-232019/10	200.0	133.976401	50.0	425279.0	0.669882	Y



Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

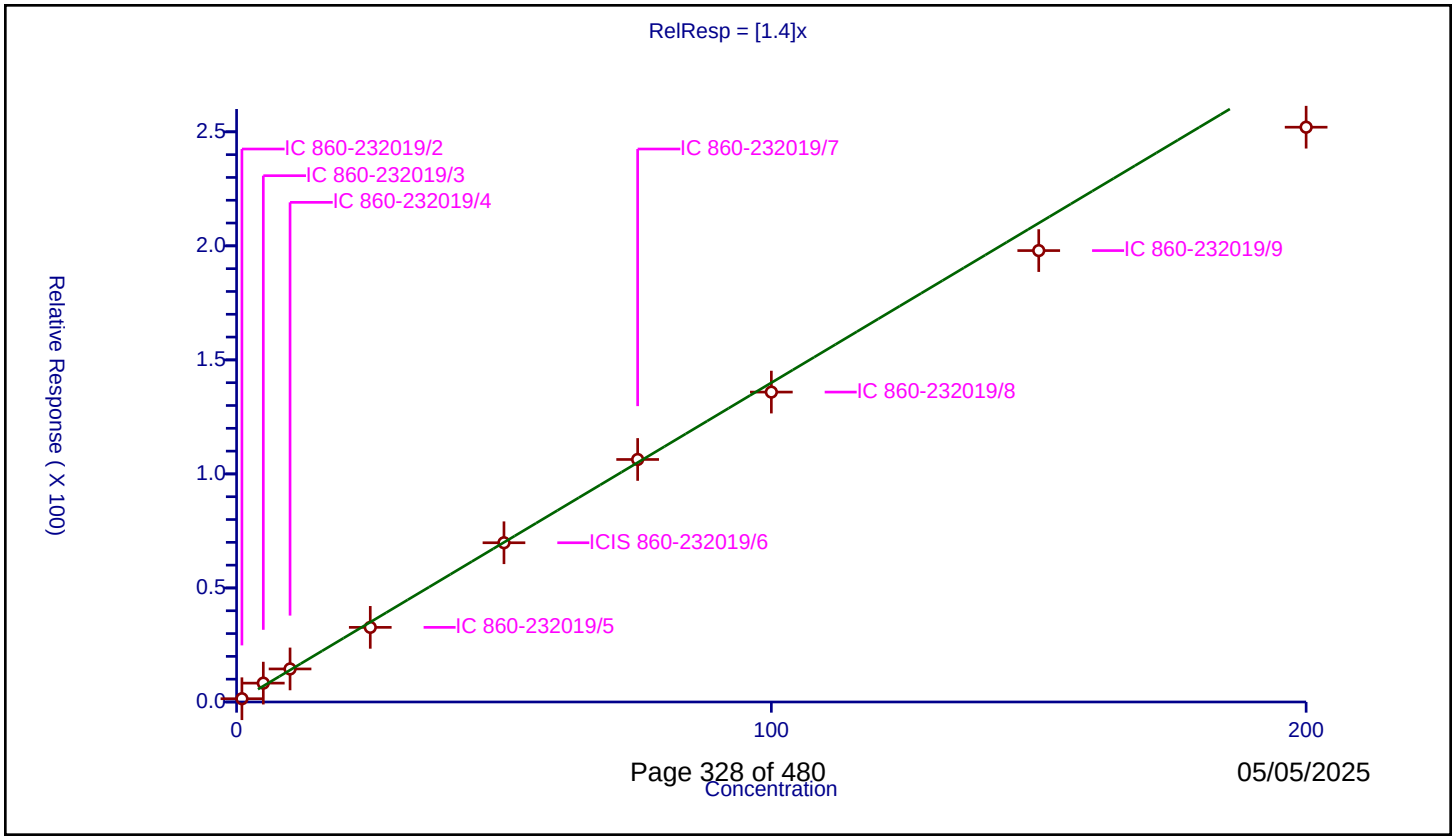
Curve Coefficients

Intercept:	0
Slope:	1.4

Error Coefficients

Relative Standard Deviation:	8.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	1.433826	50.0	271895.0	1.433826	Y
2	IC 860-232019/3	5.0	8.270233	50.0	285258.0	1.654047	Y
3	IC 860-232019/4	10.0	14.487562	50.0	289186.0	1.448756	Y
4	IC 860-232019/5	25.0	32.726354	50.0	304898.0	1.309054	Y
5	ICIS 860-232019/6	50.0	69.823113	50.0	314098.0	1.396462	Y
6	IC 860-232019/7	75.0	106.332434	50.0	342017.0	1.417766	Y
7	IC 860-232019/8	100.0	135.883786	50.0	362916.0	1.358838	Y
8	IC 860-232019/9	150.0	197.919853	50.0	398193.0	1.319466	Y
9	IC 860-232019/10	200.0	252.021144	50.0	425279.0	1.260106	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

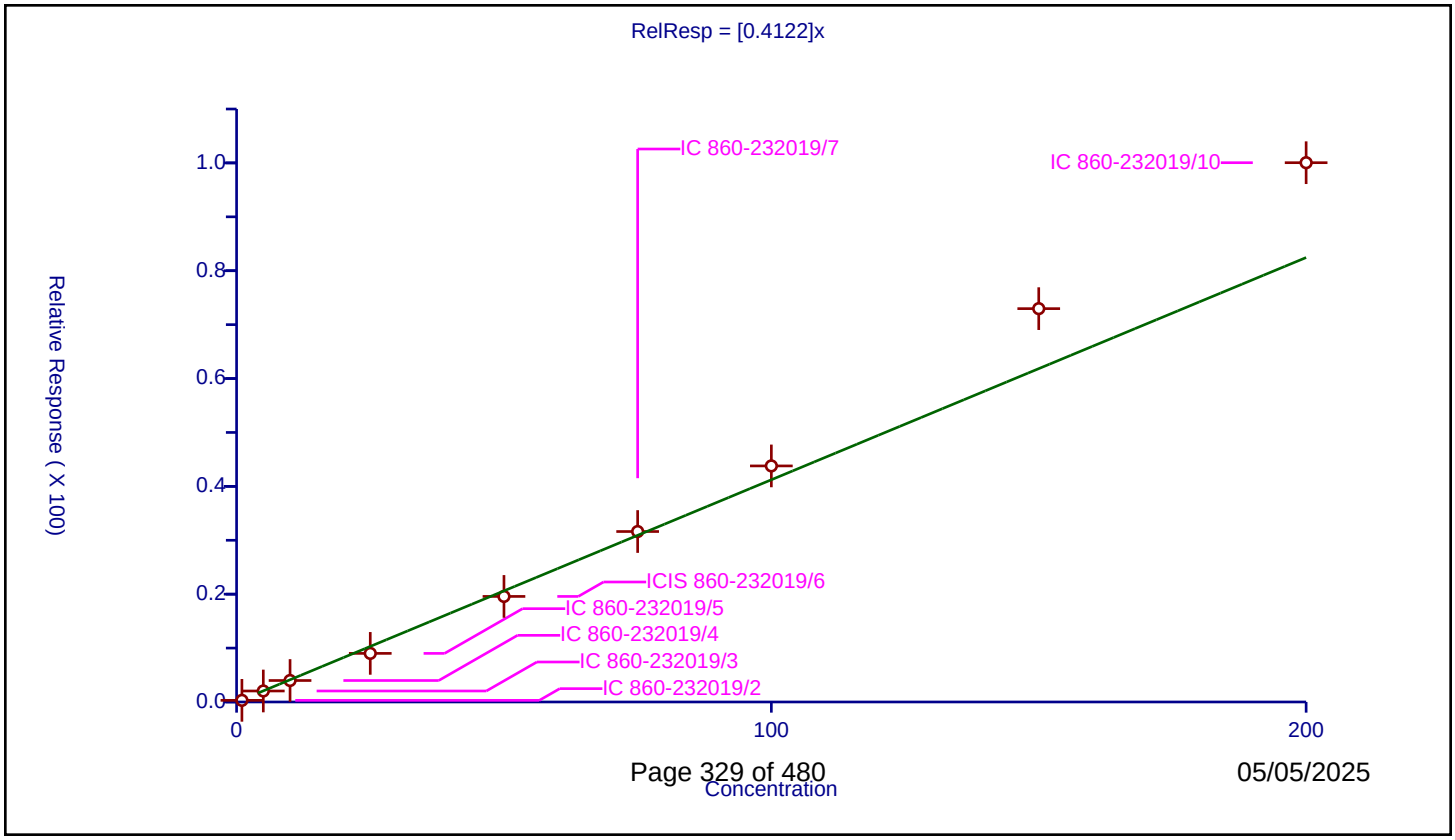
Curve Coefficients

Intercept:	0
Slope:	0.4122

Error Coefficients

Relative Standard Deviation:	14.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	0.304529	50.0	271895.0	0.304529	Y
2	IC 860-232019/3	5.0	2.042712	50.0	285258.0	0.408542	Y
3	IC 860-232019/4	10.0	3.985151	50.0	289186.0	0.398515	Y
4	IC 860-232019/5	25.0	9.016786	50.0	304898.0	0.360671	Y
5	ICIS 860-232019/6	50.0	19.581627	50.0	314098.0	0.391633	Y
6	IC 860-232019/7	75.0	31.622112	50.0	342017.0	0.421628	Y
7	IC 860-232019/8	100.0	43.79333	50.0	362916.0	0.437933	Y
8	IC 860-232019/9	150.0	72.968887	50.0	398193.0	0.486459	Y
9	IC 860-232019/10	200.0	100.040914	50.0	425279.0	0.500205	Y



Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

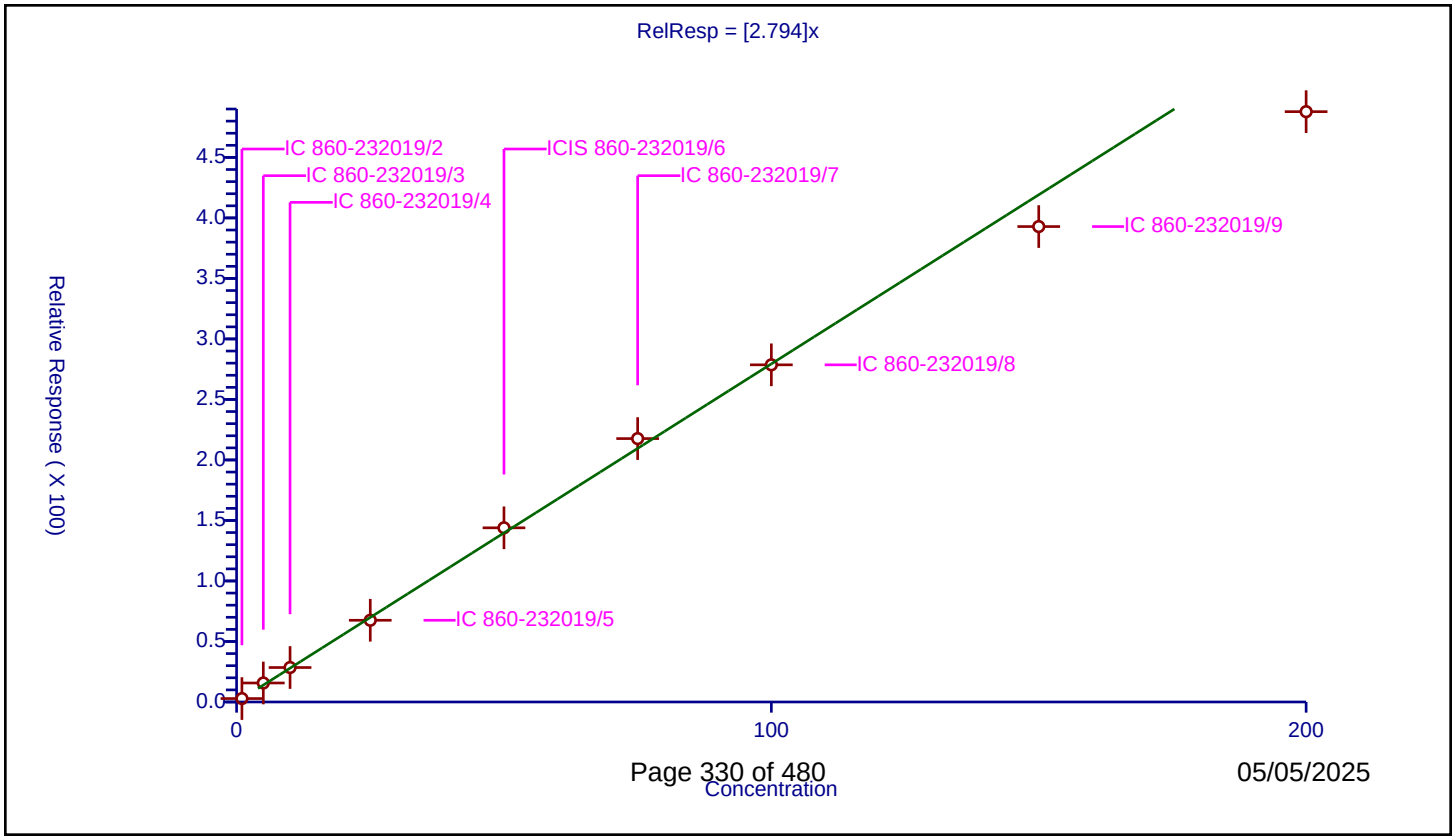
Curve Coefficients

Intercept:	0
Slope:	2.794

Error Coefficients

Relative Standard Deviation:	7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	2.830872	50.0	271895.0	2.830872	Y
2	IC 860-232019/3	5.0	15.711041	50.0	285258.0	3.142208	Y
3	IC 860-232019/4	10.0	28.473543	50.0	289186.0	2.847354	Y
4	IC 860-232019/5	25.0	67.535864	50.0	304898.0	2.701435	Y
5	ICIS 860-232019/6	50.0	143.919095	50.0	314098.0	2.878382	Y
6	IC 860-232019/7	75.0	217.669151	50.0	342017.0	2.902255	Y
7	IC 860-232019/8	100.0	278.608549	50.0	362916.0	2.786085	Y
8	IC 860-232019/9	150.0	392.869161	50.0	398193.0	2.619128	Y
9	IC 860-232019/10	200.0	487.819408	50.0	425279.0	2.439097	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

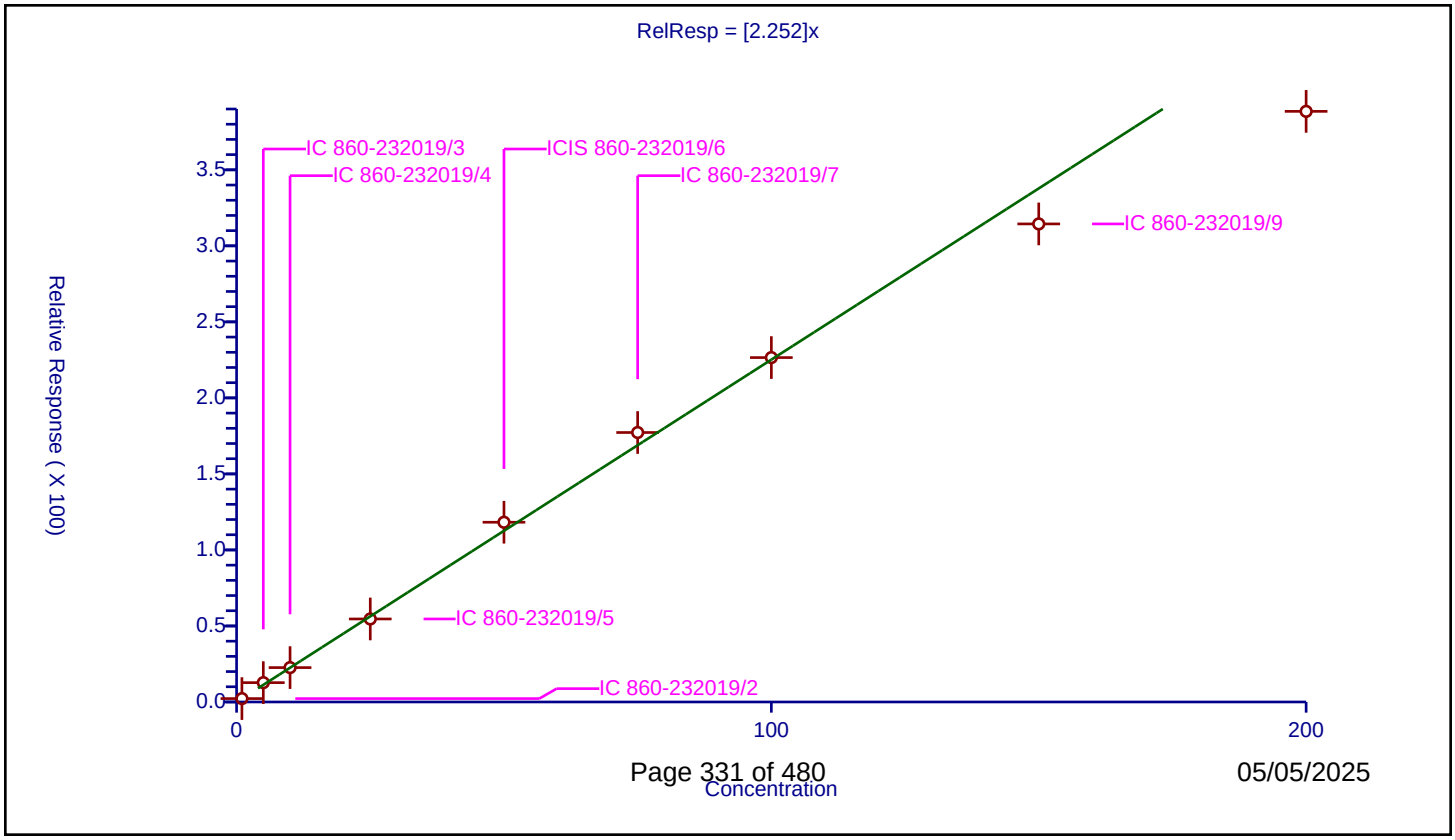
Curve Coefficients

Intercept:	0
Slope:	2.252

Error Coefficients

Relative Standard Deviation:	7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	2.243881	50.0	271895.0	2.243881	Y
2	IC 860-232019/3	5.0	12.718837	50.0	285258.0	2.543767	Y
3	IC 860-232019/4	10.0	22.619525	50.0	289186.0	2.261953	Y
4	IC 860-232019/5	25.0	54.61269	50.0	304898.0	2.184508	Y
5	ICIS 860-232019/6	50.0	118.213742	50.0	314098.0	2.364275	Y
6	IC 860-232019/7	75.0	177.244698	50.0	342017.0	2.363263	Y
7	IC 860-232019/8	100.0	226.513298	50.0	362916.0	2.265133	Y
8	IC 860-232019/9	150.0	314.422027	50.0	398193.0	2.096147	Y
9	IC 860-232019/10	200.0	388.451111	50.0	425279.0	1.942256	Y



Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

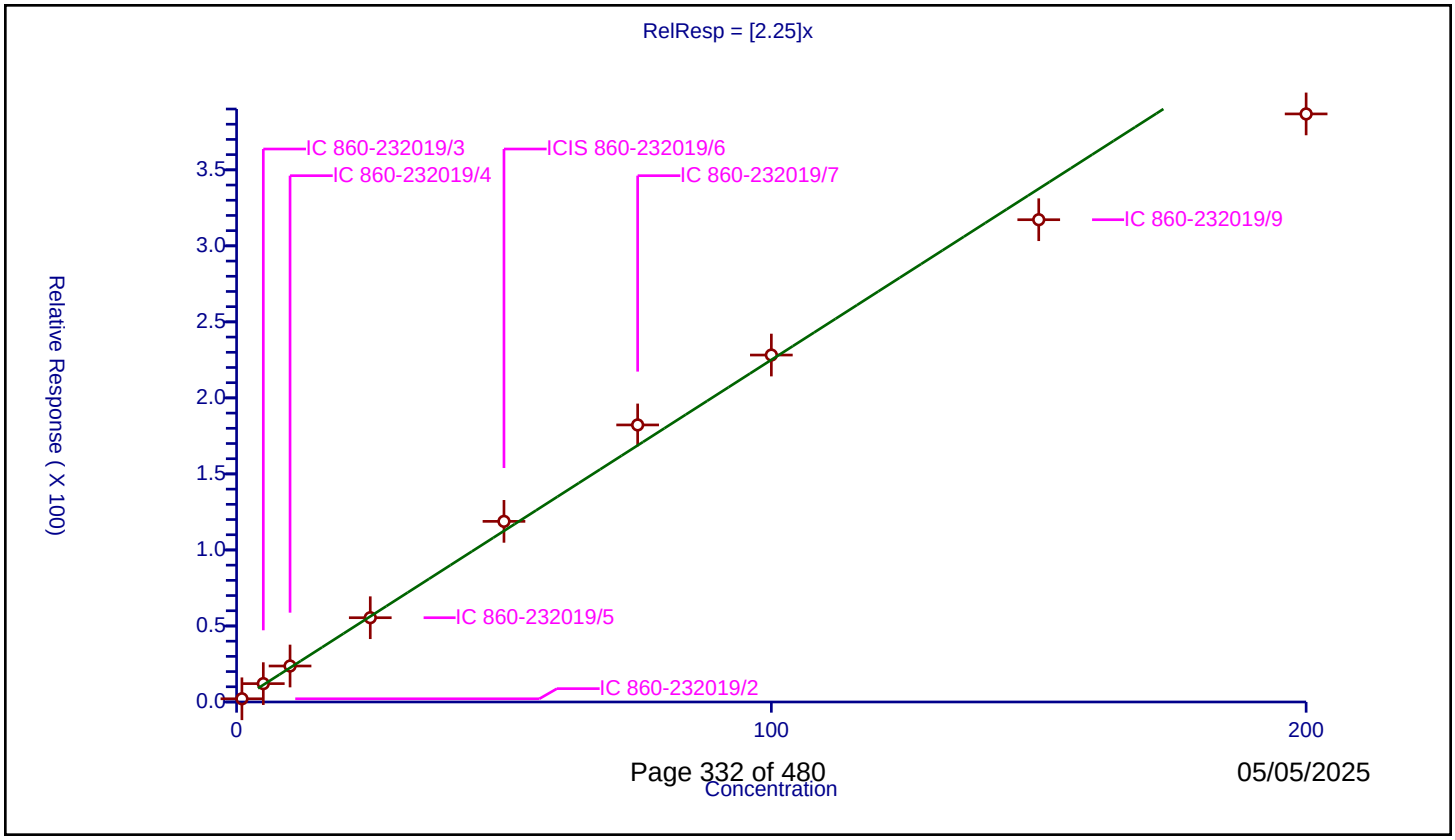
Curve Coefficients

Intercept:	0
Slope:	2.25

Error Coefficients

Relative Standard Deviation:	7.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	2.11681	50.0	271895.0	2.11681	Y
2	IC 860-232019/3	5.0	12.078539	50.0	285258.0	2.415708	Y
3	IC 860-232019/4	10.0	23.661415	50.0	289186.0	2.366142	Y
4	IC 860-232019/5	25.0	55.438048	50.0	304898.0	2.217522	Y
5	ICIS 860-232019/6	50.0	118.79493	50.0	314098.0	2.375899	Y
6	IC 860-232019/7	75.0	182.210533	50.0	342017.0	2.429474	Y
7	IC 860-232019/8	100.0	228.196194	50.0	362916.0	2.281962	Y
8	IC 860-232019/9	150.0	317.202588	50.0	398193.0	2.114684	Y
9	IC 860-232019/10	200.0	386.768804	50.0	425279.0	1.933844	Y



Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

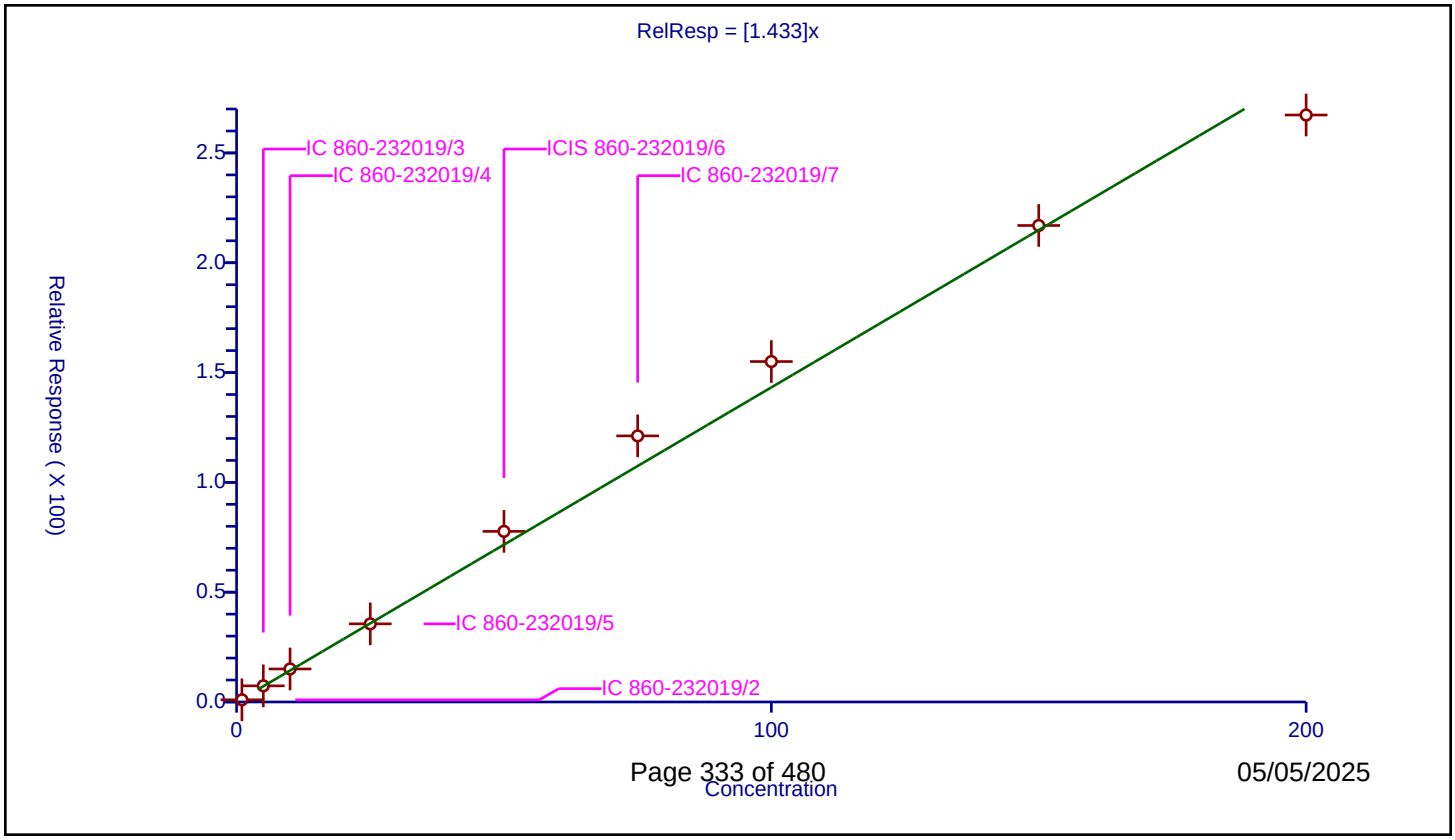
Curve Coefficients

Intercept:	0
Slope:	1.433

Error Coefficients

Relative Standard Deviation:	12.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	0.992479	50.0	271895.0	0.992479	Y
2	IC 860-232019/3	5.0	7.353343	50.0	285258.0	1.470669	Y
3	IC 860-232019/4	10.0	15.043432	50.0	289186.0	1.504343	Y
4	IC 860-232019/5	25.0	35.581408	50.0	304898.0	1.423256	Y
5	ICIS 860-232019/6	50.0	77.681806	50.0	314098.0	1.553636	Y
6	IC 860-232019/7	75.0	121.158159	50.0	342017.0	1.615442	Y
7	IC 860-232019/8	100.0	155.010526	50.0	362916.0	1.550105	Y
8	IC 860-232019/9	150.0	216.968656	50.0	398193.0	1.446458	Y
9	IC 860-232019/10	200.0	267.269957	50.0	425279.0	1.33635	Y



Calibration / Bromoform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

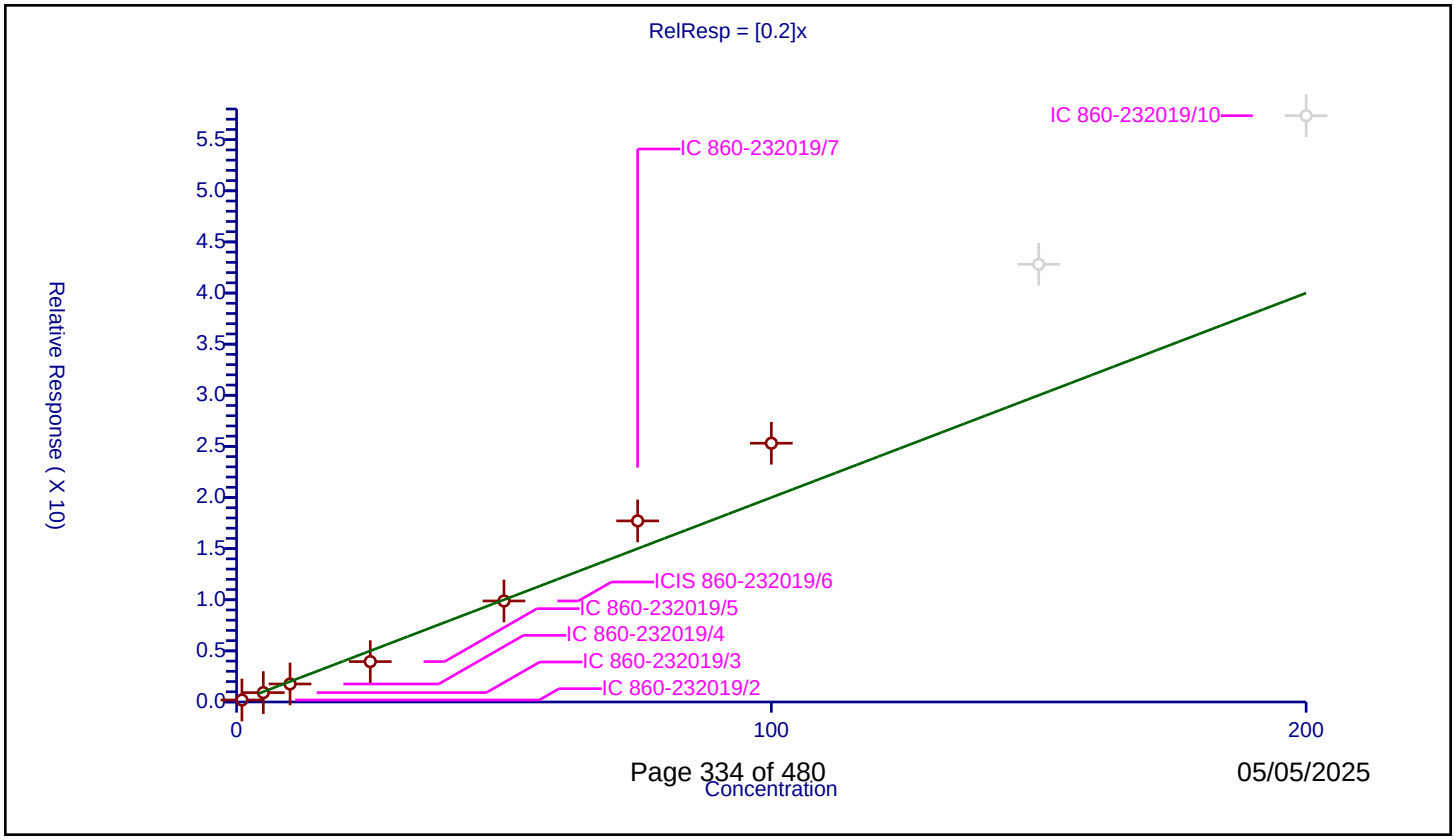
Curve Coefficients

Intercept:	0
Slope:	0.2

Error Coefficients

Relative Standard Deviation:	16.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	0.19548	50.0	271895.0	0.19548	Y
2	IC 860-232019/3	5.0	0.916539	50.0	285258.0	0.183308	Y
3	IC 860-232019/4	10.0	1.763052	50.0	289186.0	0.176305	Y
4	IC 860-232019/5	25.0	3.951321	50.0	304898.0	0.158053	Y
5	ICIS 860-232019/6	50.0	9.880356	50.0	314098.0	0.197607	Y
6	IC 860-232019/7	75.0	17.710669	50.0	342017.0	0.236142	Y
7	IC 860-232019/8	100.0	25.309714	50.0	362916.0	0.253097	Y
8	IC 860-232019/9	150.0	42.810019	50.0	398193.0	0.2854	N
9	IC 860-232019/10	200.0	57.347647	50.0	425279.0	0.286738	N



Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

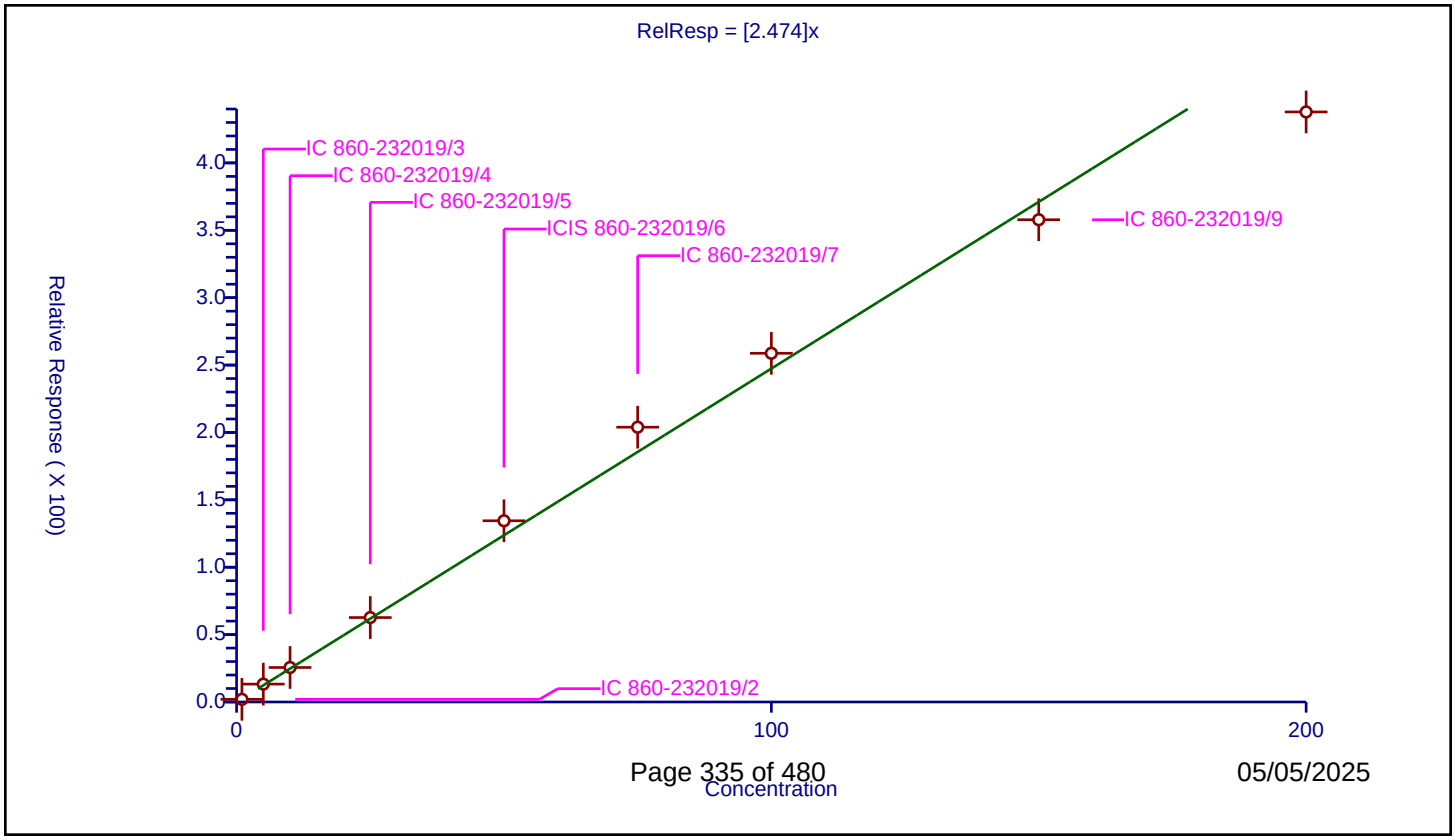
Curve Coefficients

Intercept:	0
Slope:	2.474

Error Coefficients

Relative Standard Deviation:	10.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	1.975027	50.0	271895.0	1.975027	Y
2	IC 860-232019/3	5.0	13.269216	50.0	285258.0	2.653843	Y
3	IC 860-232019/4	10.0	25.597885	50.0	289186.0	2.559789	Y
4	IC 860-232019/5	25.0	62.649148	50.0	304898.0	2.505966	Y
5	ICIS 860-232019/6	50.0	134.457399	50.0	314098.0	2.689148	Y
6	IC 860-232019/7	75.0	203.918519	50.0	342017.0	2.718914	Y
7	IC 860-232019/8	100.0	258.738661	50.0	362916.0	2.587387	Y
8	IC 860-232019/9	150.0	357.847953	50.0	398193.0	2.385653	Y
9	IC 860-232019/10	200.0	437.834457	50.0	425279.0	2.189172	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

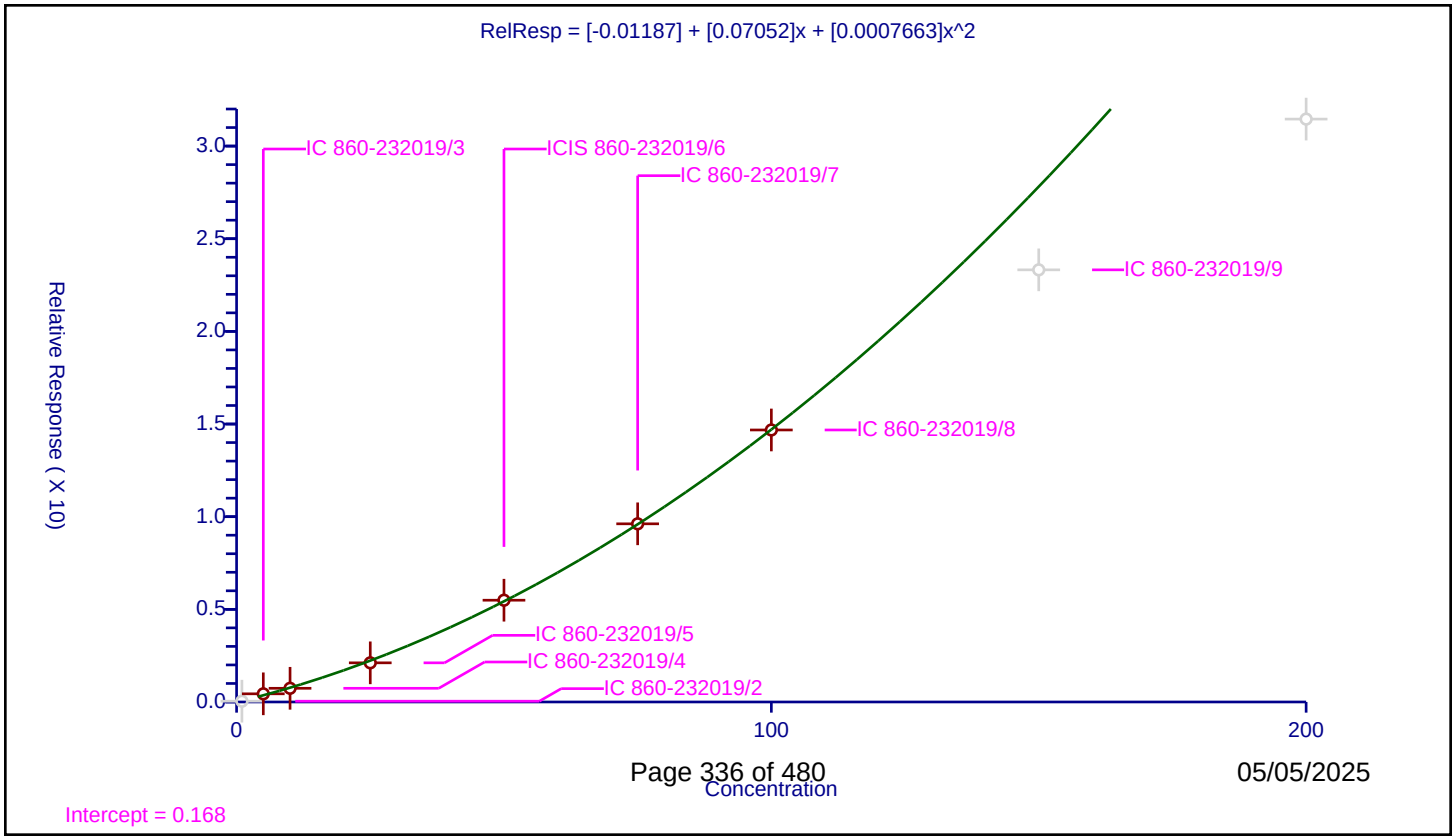
Curve Coefficients

Intercept:	-0.01187
Slope:	0.07052
Second Order:	0.0007663

Error Coefficients

Relative Standard Deviation:	12.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	0.042664	50.0	271895.0	0.042664	N
2	IC 860-232019/3	5.0	0.440654	50.0	285258.0	0.088131	Y
3	IC 860-232019/4	10.0	0.739662	50.0	289186.0	0.073966	Y
4	IC 860-232019/5	25.0	2.11333	50.0	304898.0	0.084533	Y
5	ICIS 860-232019/6	50.0	5.491757	50.0	314098.0	0.109835	Y
6	IC 860-232019/7	75.0	9.615604	50.0	342017.0	0.128208	Y
7	IC 860-232019/8	100.0	14.679154	50.0	362916.0	0.146792	Y
8	IC 860-232019/9	150.0	23.321354	50.0	398193.0	0.155476	N
9	IC 860-232019/10	200.0	31.455821	50.0	425279.0	0.157279	N



Calibration / Cyclohexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

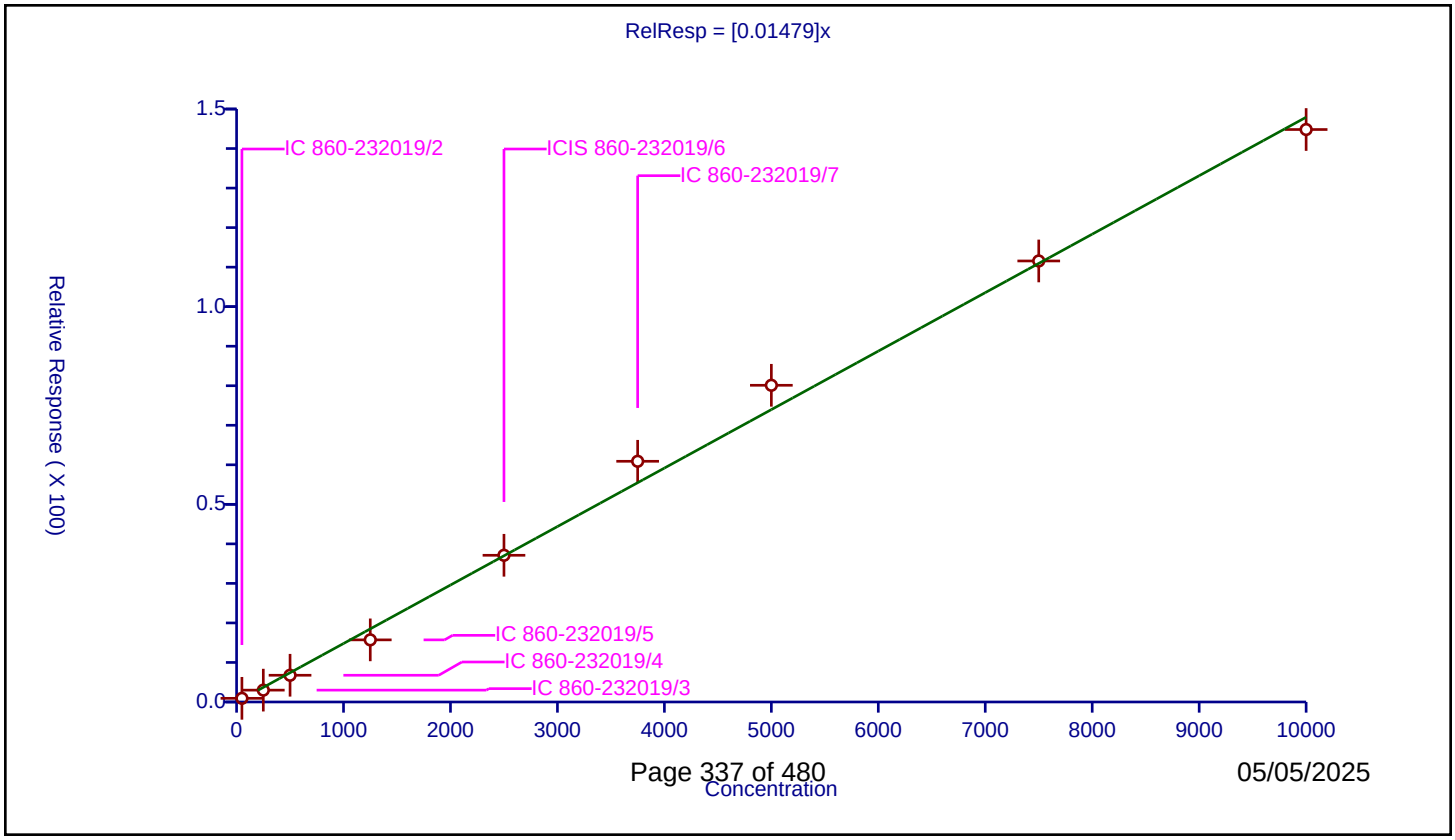
Curve Coefficients

Intercept:	0
Slope:	0.01479

Error Coefficients

Relative Standard Deviation:	13.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	50.0	0.929403	50.0	271895.0	0.018588	Y
2	IC 860-232019/3	250.0	2.99641	50.0	285258.0	0.011986	Y
3	IC 860-232019/4	500.0	6.761392	50.0	289186.0	0.013523	Y
4	IC 860-232019/5	1250.0	15.71624	50.0	304898.0	0.012573	Y
5	ICIS 860-232019/6	2500.0	37.112462	50.0	314098.0	0.014845	Y
6	IC 860-232019/7	3750.0	60.889371	50.0	342017.0	0.016237	Y
7	IC 860-232019/8	5000.0	80.117851	50.0	362916.0	0.016024	Y
8	IC 860-232019/9	7500.0	111.565874	50.0	398193.0	0.014875	Y
9	IC 860-232019/10	10000.0	144.81411	50.0	425279.0	0.014481	Y



Calibration / 4-Bromofluorobenzene (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

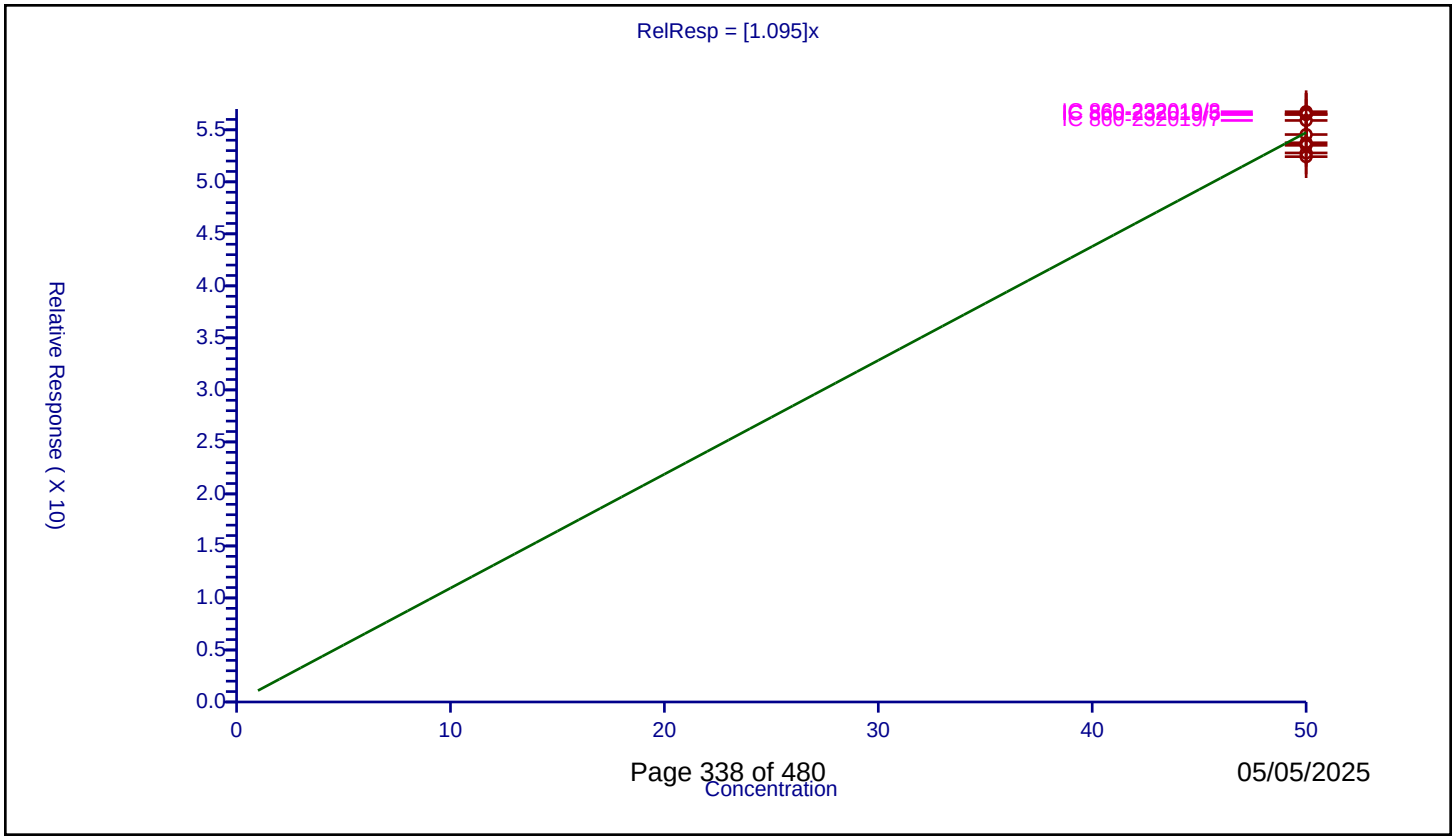
Curve Coefficients

Intercept:	0
Slope:	1.095

Error Coefficients

Relative Standard Deviation:	3.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	50.0	52.4181	50.0	118254.0	1.048362	Y
2	IC 860-232019/3	50.0	56.740639	50.0	129869.0	1.134813	Y
3	IC 860-232019/4	50.0	54.545593	50.0	131699.0	1.090912	Y
4	IC 860-232019/5	50.0	56.474872	50.0	139107.0	1.129497	Y
5	ICIS 860-232019/6	50.0	53.757252	50.0	152891.0	1.075145	Y
6	IC 860-232019/7	50.0	55.899904	50.0	164223.0	1.117998	Y
7	IC 860-232019/8	50.0	56.499656	50.0	166955.0	1.129993	Y
8	IC 860-232019/9	50.0	53.507968	50.0	186618.0	1.070159	Y
9	IC 860-232019/10	50.0	52.777138	50.0	199612.0	1.055543	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

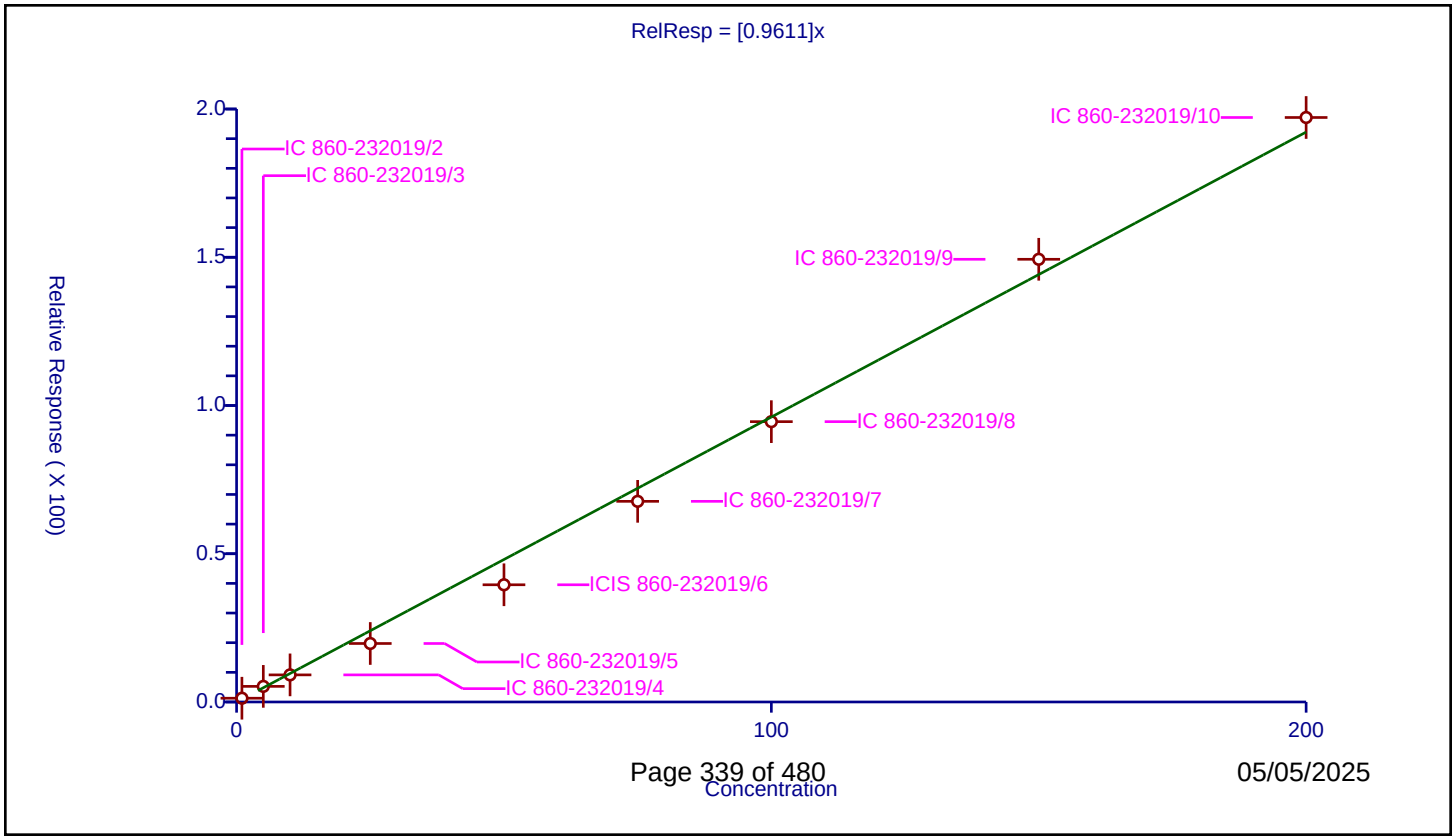
Curve Coefficients

Intercept:	0
Slope:	0.9611

Error Coefficients

Relative Standard Deviation:	15.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	1.273953	50.0	118254.0	1.273953	Y
2	IC 860-232019/3	5.0	5.261841	50.0	129869.0	1.052368	Y
3	IC 860-232019/4	10.0	9.145855	50.0	131699.0	0.914586	Y
4	IC 860-232019/5	25.0	19.731214	50.0	139107.0	0.789249	Y
5	ICIS 860-232019/6	50.0	39.532412	50.0	152891.0	0.790648	Y
6	IC 860-232019/7	75.0	67.679619	50.0	164223.0	0.902395	Y
7	IC 860-232019/8	100.0	94.551226	50.0	166955.0	0.945512	Y
8	IC 860-232019/9	150.0	149.319465	50.0	186618.0	0.995463	Y
9	IC 860-232019/10	200.0	197.143959	50.0	199612.0	0.98572	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

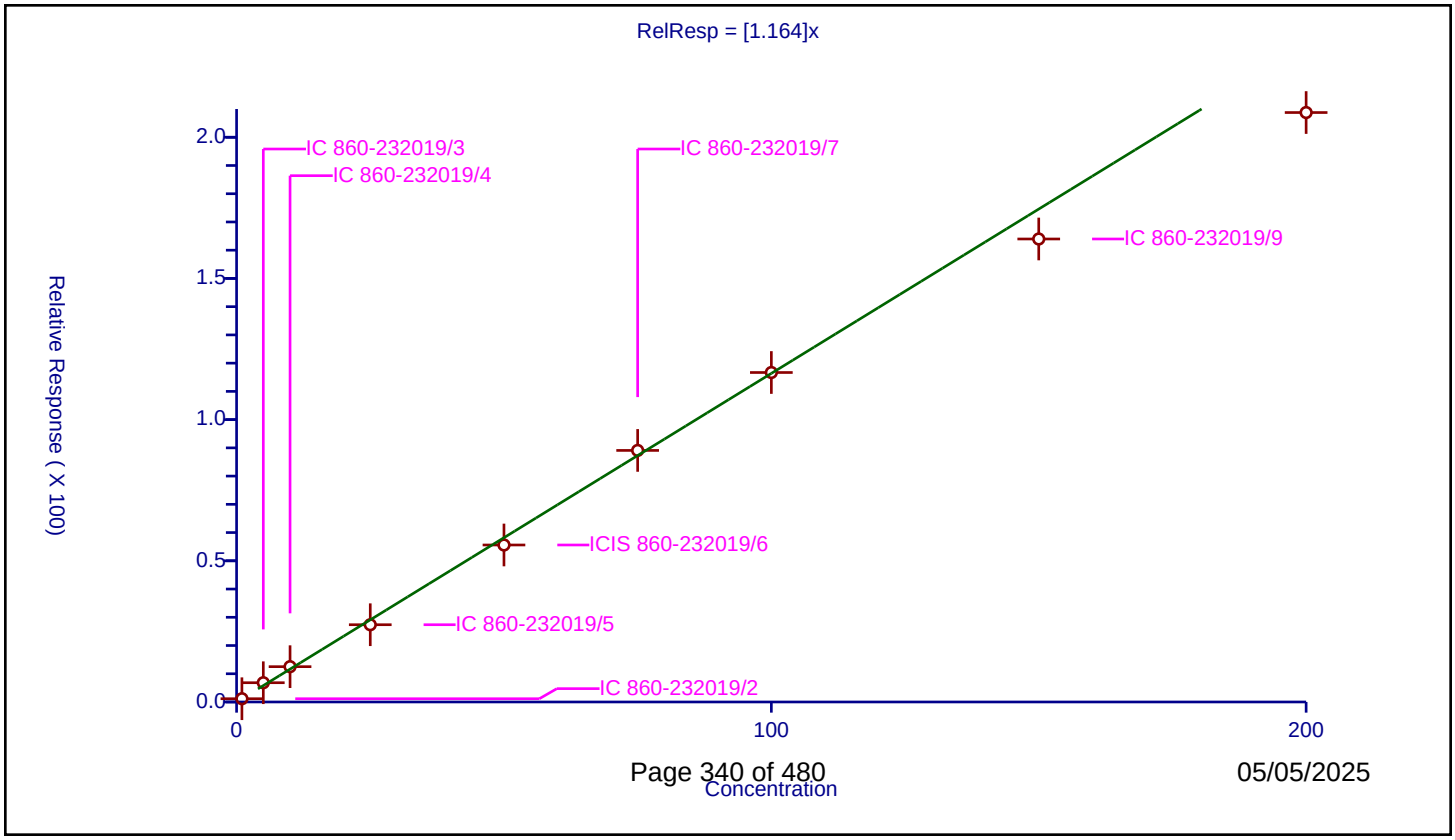
Curve Coefficients

Intercept:	0
Slope:	1.164

Error Coefficients

Relative Standard Deviation:	8.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	1.158946	50.0	118254.0	1.158946	Y
2	IC 860-232019/3	5.0	6.825724	50.0	129869.0	1.365145	Y
3	IC 860-232019/4	10.0	12.513003	50.0	131699.0	1.2513	Y
4	IC 860-232019/5	25.0	27.360233	50.0	139107.0	1.094409	Y
5	ICIS 860-232019/6	50.0	55.602357	50.0	152891.0	1.112047	Y
6	IC 860-232019/7	75.0	89.091966	50.0	164223.0	1.187893	Y
7	IC 860-232019/8	100.0	116.680543	50.0	166955.0	1.166805	Y
8	IC 860-232019/9	150.0	163.969178	50.0	186618.0	1.093128	Y
9	IC 860-232019/10	200.0	208.75774	50.0	199612.0	1.043789	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

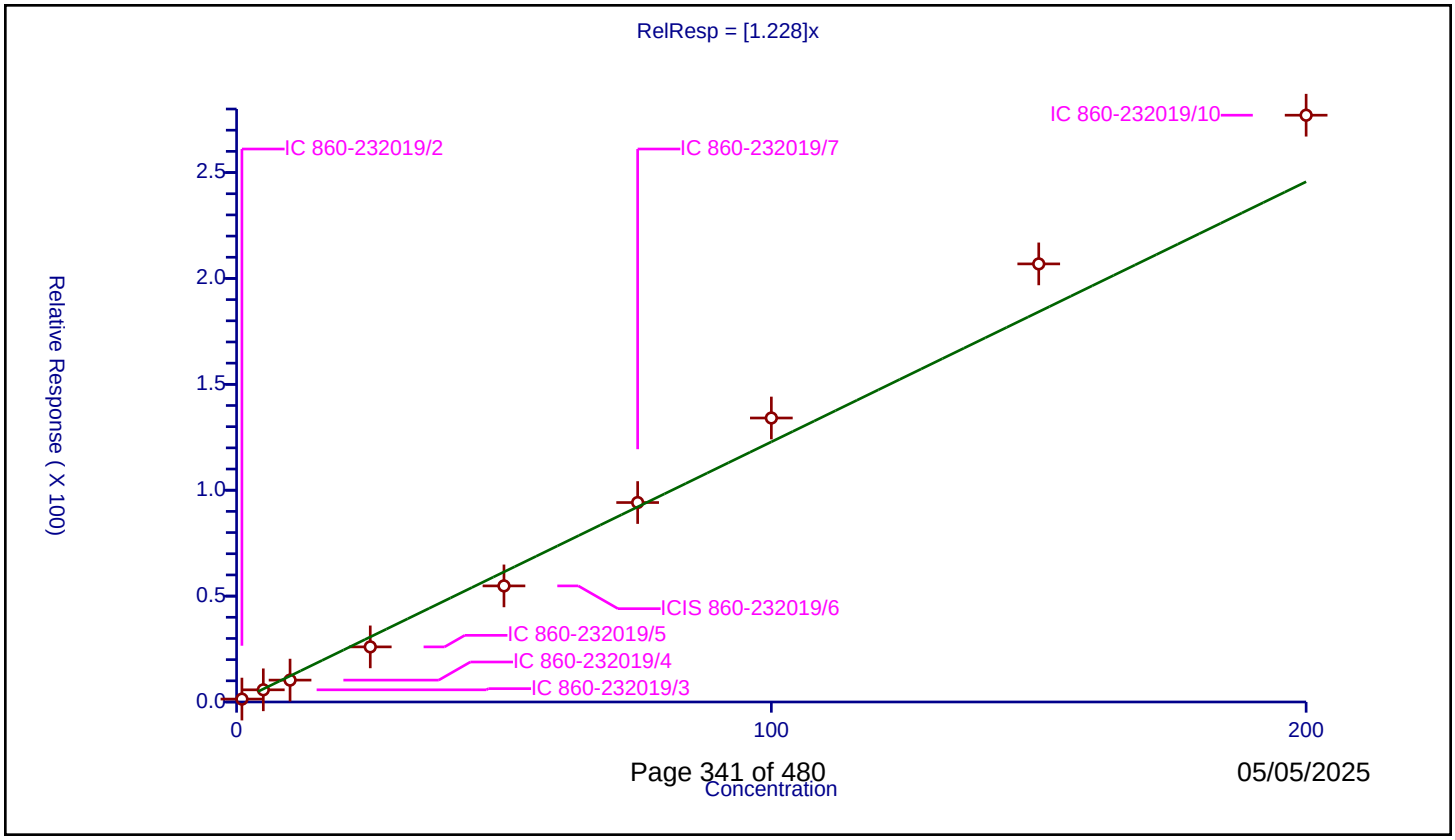
Curve Coefficients

Intercept:	0
Slope:	1.228

Error Coefficients

Relative Standard Deviation:	12.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	1.372469	50.0	118254.0	1.372469	Y
2	IC 860-232019/3	5.0	5.752335	50.0	129869.0	1.150467	Y
3	IC 860-232019/4	10.0	10.333791	50.0	131699.0	1.033379	Y
4	IC 860-232019/5	25.0	26.01882	50.0	139107.0	1.040753	Y
5	ICIS 860-232019/6	50.0	54.816176	50.0	152891.0	1.096324	Y
6	IC 860-232019/7	75.0	94.184432	50.0	164223.0	1.255792	Y
7	IC 860-232019/8	100.0	134.093319	50.0	166955.0	1.340933	Y
8	IC 860-232019/9	150.0	206.860271	50.0	186618.0	1.379068	Y
9	IC 860-232019/10	200.0	277.073022	50.0	199612.0	1.385365	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

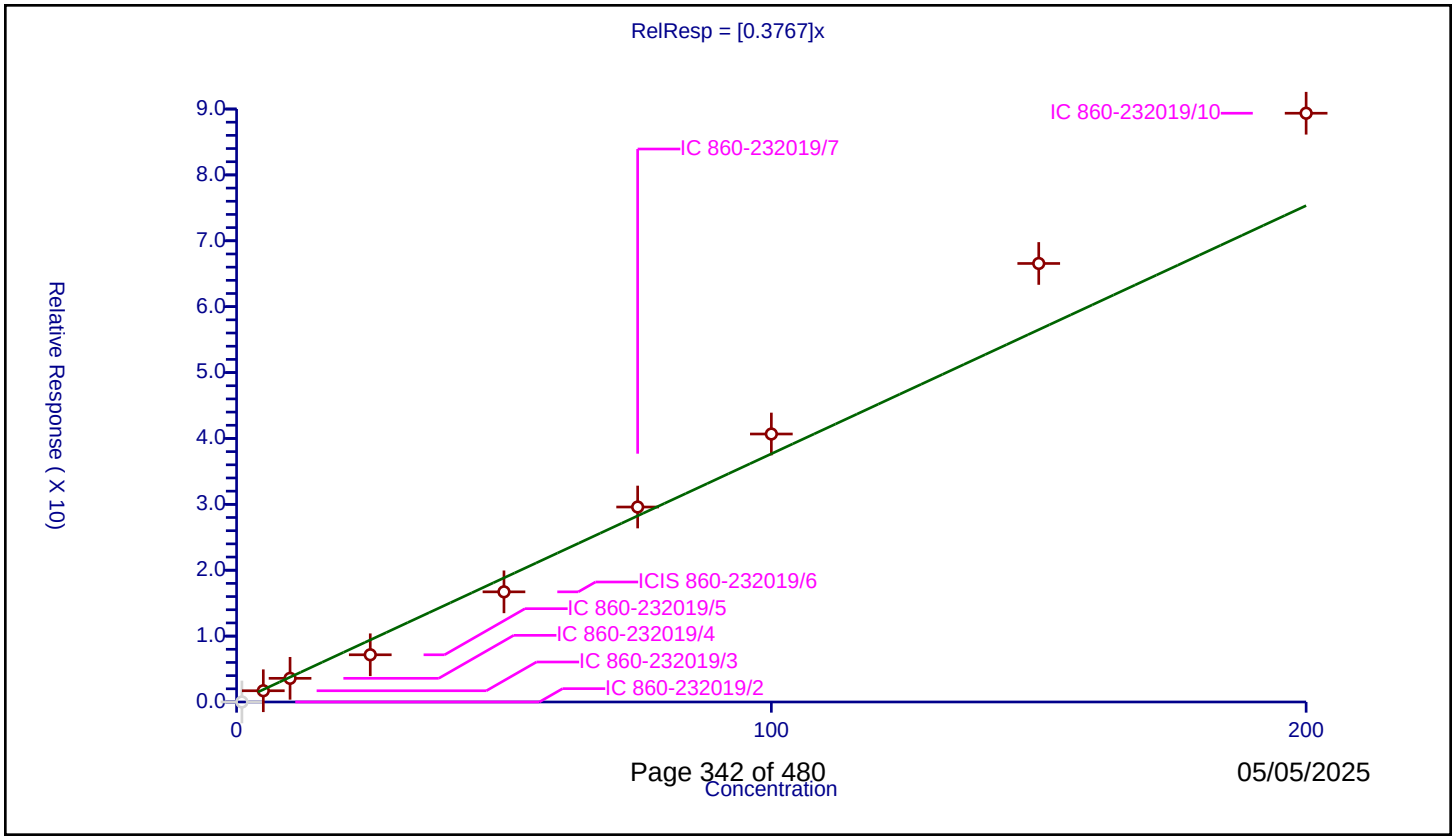
Curve Coefficients

Intercept:	0
Slope:	0.3767

Error Coefficients

Relative Standard Deviation:	14.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	0.0	50.0	118254.0	0.0	N
2	IC 860-232019/3	5.0	1.707875	50.0	129869.0	0.341575	Y
3	IC 860-232019/4	10.0	3.590004	50.0	131699.0	0.359	Y
4	IC 860-232019/5	25.0	7.167864	50.0	139107.0	0.286715	Y
5	ICIS 860-232019/6	50.0	16.716811	50.0	152891.0	0.334336	Y
6	IC 860-232019/7	75.0	29.592688	50.0	164223.0	0.394569	Y
7	IC 860-232019/8	100.0	40.675631	50.0	166955.0	0.406756	Y
8	IC 860-232019/9	150.0	66.556281	50.0	186618.0	0.443709	Y
9	IC 860-232019/10	200.0	89.359858	50.0	199612.0	0.446799	Y



Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

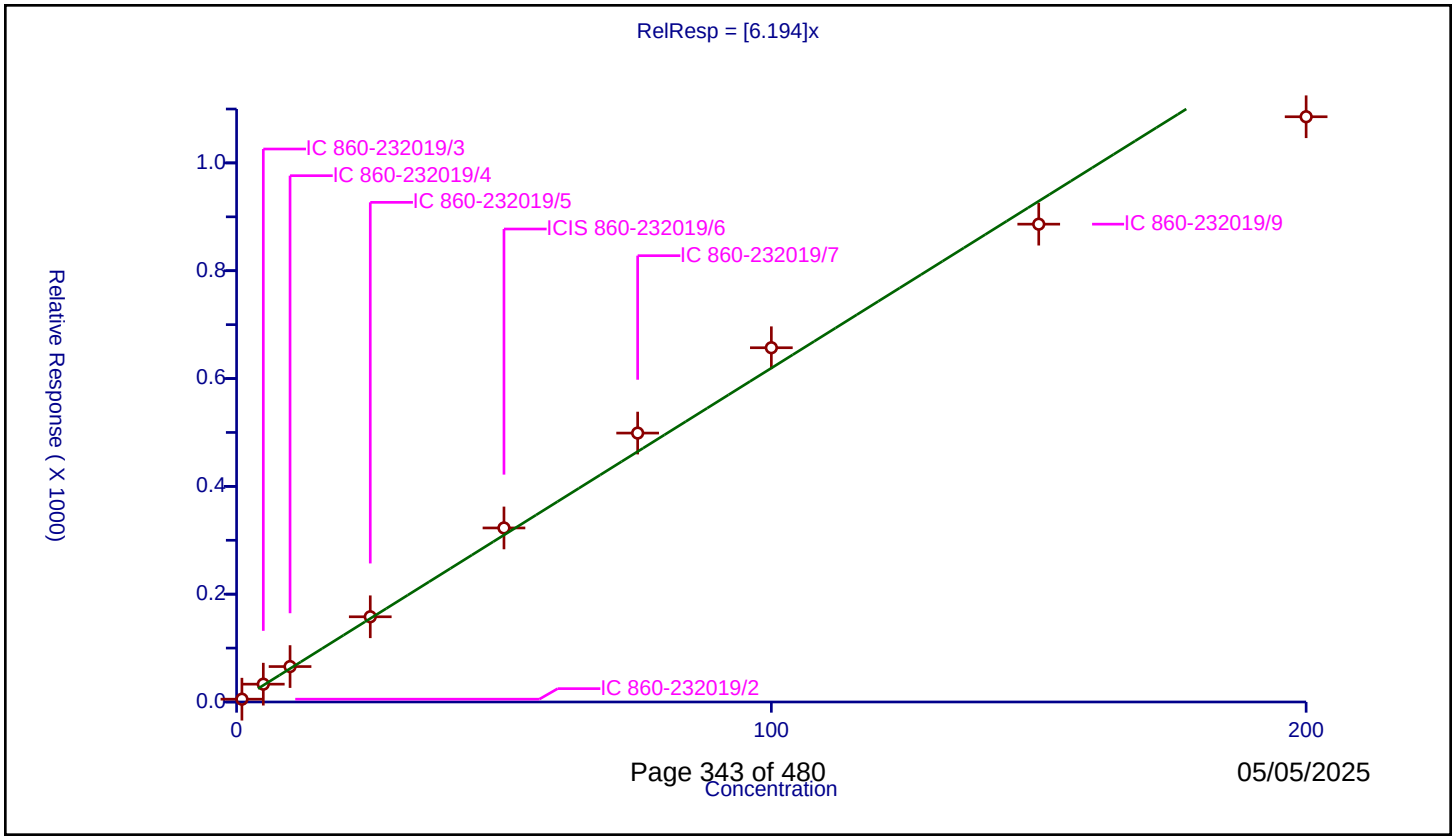
Curve Coefficients

Intercept:	0
Slope:	6.194

Error Coefficients

Relative Standard Deviation:	8.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	5.216737	50.0	118254.0	5.216737	Y
2	IC 860-232019/3	5.0	33.077948	50.0	129869.0	6.61559	Y
3	IC 860-232019/4	10.0	65.722215	50.0	131699.0	6.572222	Y
4	IC 860-232019/5	25.0	158.08047	50.0	139107.0	6.323219	Y
5	ICIS 860-232019/6	50.0	322.864655	50.0	152891.0	6.457293	Y
6	IC 860-232019/7	75.0	498.839687	50.0	164223.0	6.651196	Y
7	IC 860-232019/8	100.0	657.145938	50.0	166955.0	6.571459	Y
8	IC 860-232019/9	150.0	886.380735	50.0	186618.0	5.909205	Y
9	IC 860-232019/10	200.0	1085.635884	50.0	199612.0	5.428179	Y



Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

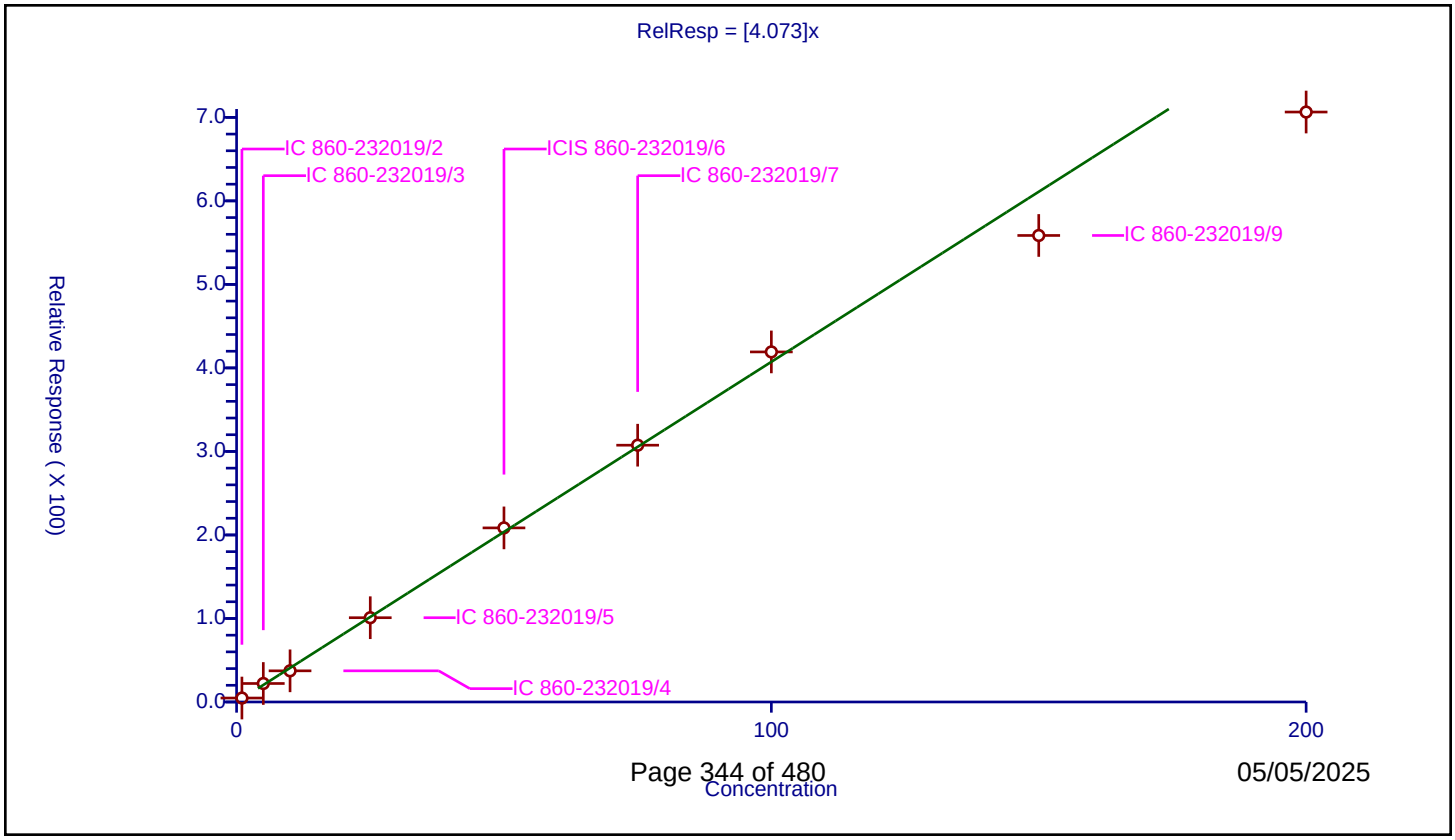
Curve Coefficients

Intercept:	0
Slope:	4.073

Error Coefficients

Relative Standard Deviation:	9.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	4.739375	50.0	118254.0	4.739375	Y
2	IC 860-232019/3	5.0	22.155788	50.0	129869.0	4.431158	Y
3	IC 860-232019/4	10.0	37.324505	50.0	131699.0	3.732451	Y
4	IC 860-232019/5	25.0	100.911888	50.0	139107.0	4.036476	Y
5	ICIS 860-232019/6	50.0	208.453081	50.0	152891.0	4.169062	Y
6	IC 860-232019/7	75.0	307.450235	50.0	164223.0	4.099336	Y
7	IC 860-232019/8	100.0	419.161451	50.0	166955.0	4.191615	Y
8	IC 860-232019/9	150.0	558.584917	50.0	186618.0	3.723899	Y
9	IC 860-232019/10	200.0	706.400166	50.0	199612.0	3.532001	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

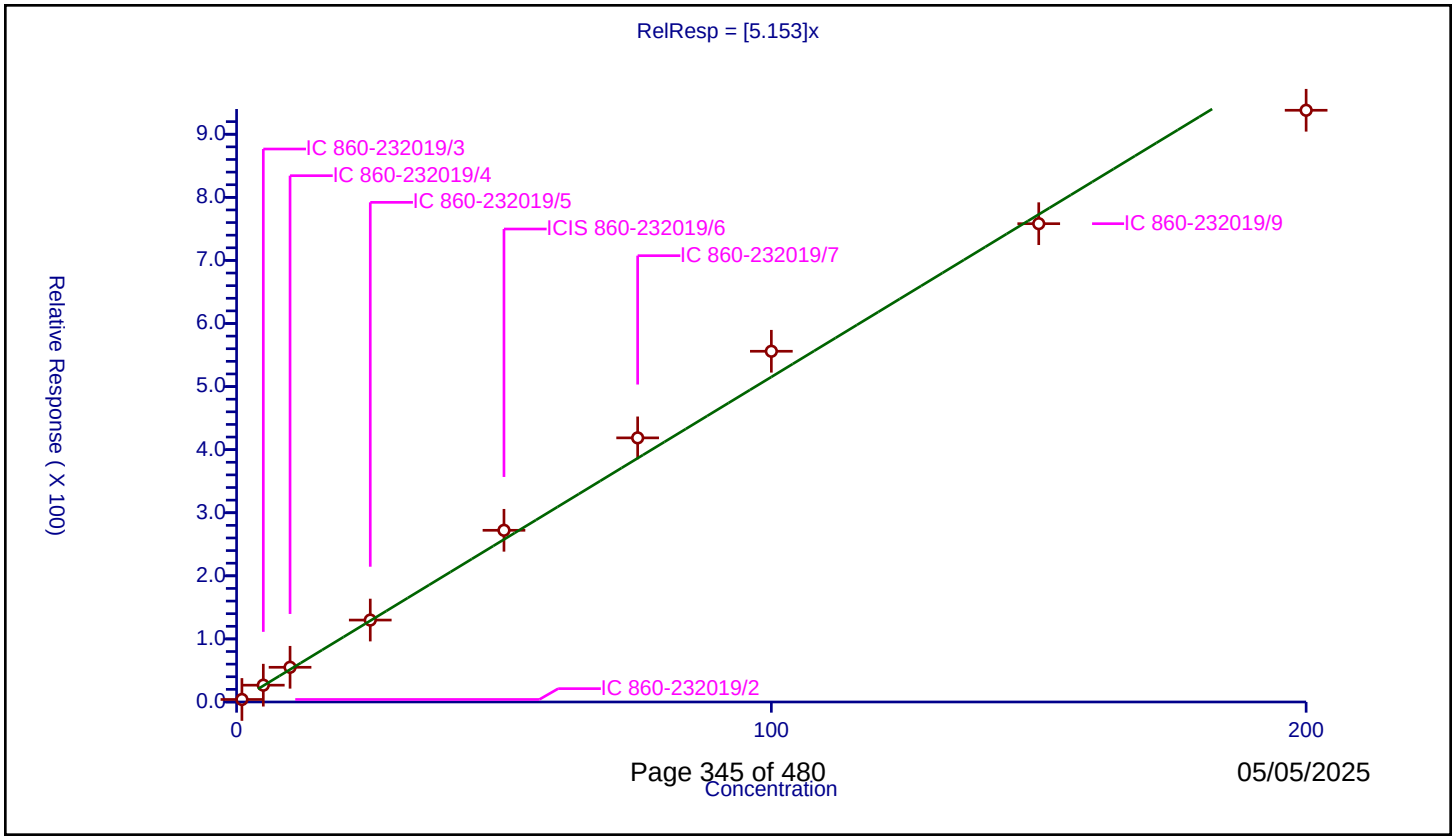
Curve Coefficients

Intercept:	0
Slope:	5.153

Error Coefficients

Relative Standard Deviation:	10.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	4.013818	50.0	118254.0	4.013818	Y
2	IC 860-232019/3	5.0	26.659172	50.0	129869.0	5.331834	Y
3	IC 860-232019/4	10.0	55.021678	50.0	131699.0	5.502168	Y
4	IC 860-232019/5	25.0	129.87772	50.0	139107.0	5.195109	Y
5	ICIS 860-232019/6	50.0	272.163175	50.0	152891.0	5.443264	Y
6	IC 860-232019/7	75.0	418.682523	50.0	164223.0	5.582434	Y
7	IC 860-232019/8	100.0	555.991435	50.0	166955.0	5.559914	Y
8	IC 860-232019/9	150.0	758.232325	50.0	186618.0	5.054882	Y
9	IC 860-232019/10	200.0	938.03103	50.0	199612.0	4.690155	Y



Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

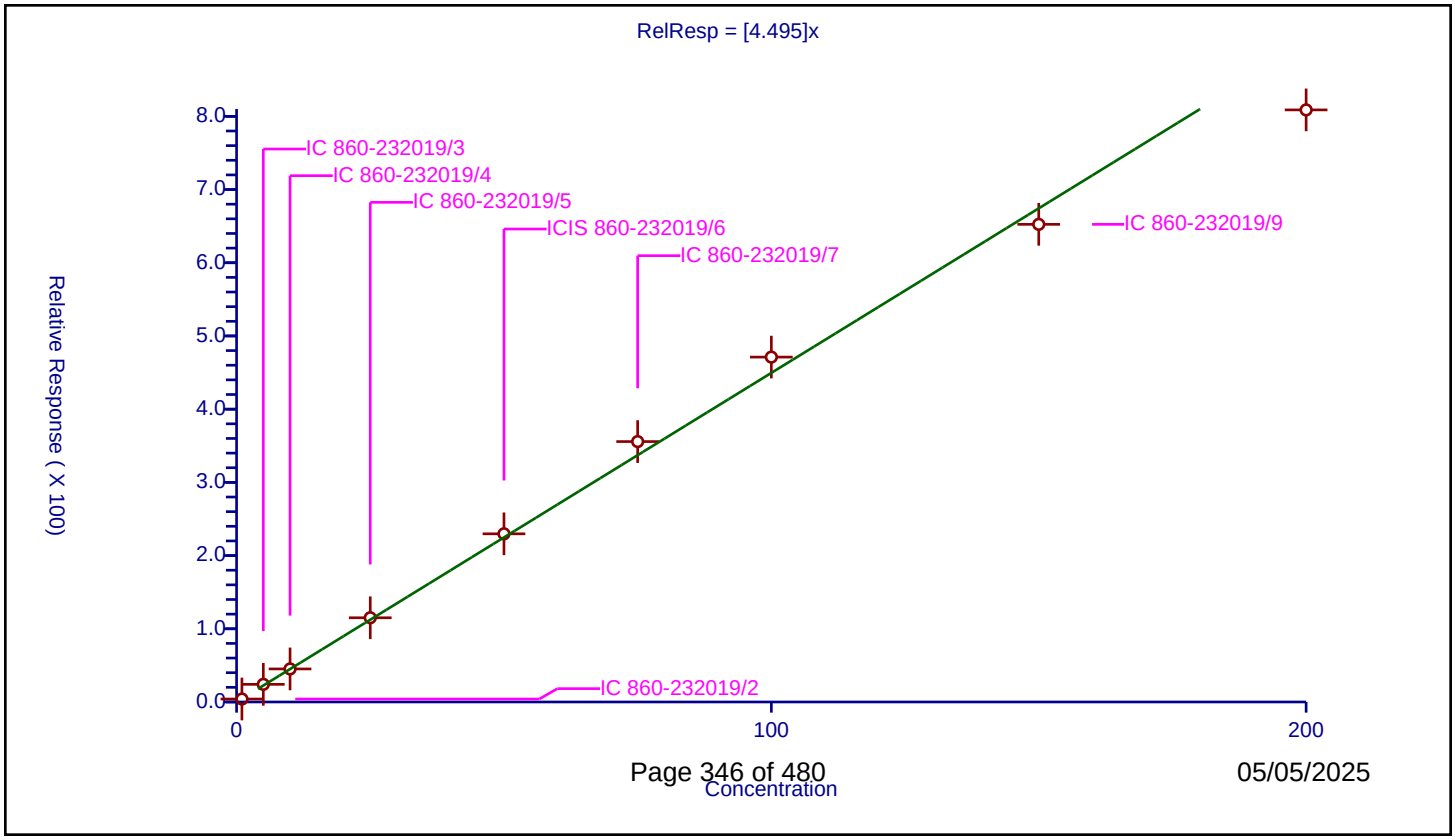
Curve Coefficients

Intercept:	0
Slope:	4.495

Error Coefficients

Relative Standard Deviation:	6.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	4.077663	50.0	118254.0	4.077663	Y
2	IC 860-232019/3	5.0	24.10583	50.0	129869.0	4.821166	Y
3	IC 860-232019/4	10.0	45.151064	50.0	131699.0	4.515106	Y
4	IC 860-232019/5	25.0	115.057114	50.0	139107.0	4.602285	Y
5	ICIS 860-232019/6	50.0	229.728369	50.0	152891.0	4.594567	Y
6	IC 860-232019/7	75.0	355.728491	50.0	164223.0	4.743047	Y
7	IC 860-232019/8	100.0	471.130245	50.0	166955.0	4.711302	Y
8	IC 860-232019/9	150.0	652.457426	50.0	186618.0	4.349716	Y
9	IC 860-232019/10	200.0	808.787047	50.0	199612.0	4.043935	Y



Calibration / 4-Ethyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

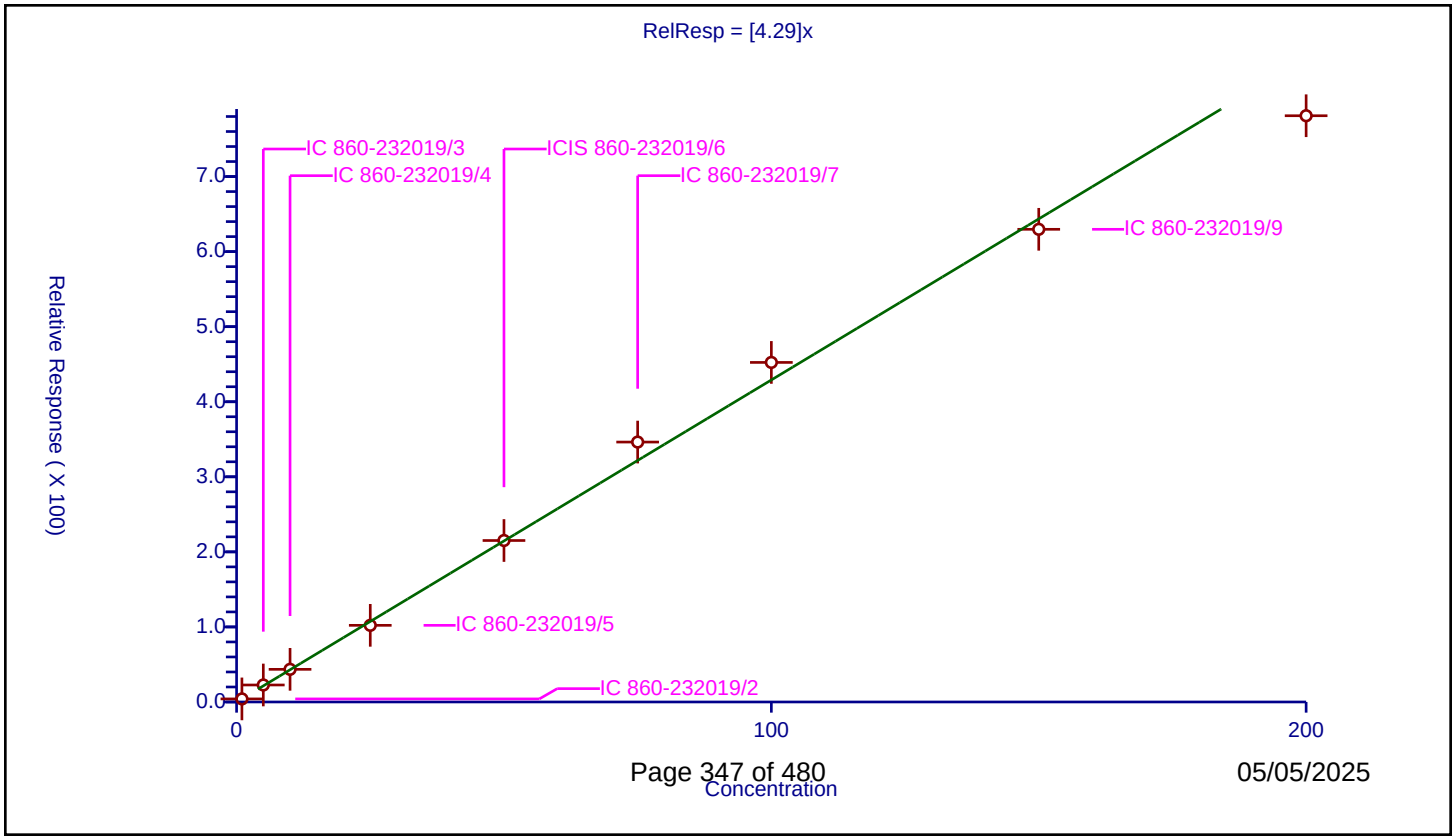
Curve Coefficients

Intercept:	0
Slope:	4.29

Error Coefficients

Relative Standard Deviation:	5.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	4.098804	50.0	118254.0	4.098804	Y
2	IC 860-232019/3	5.0	22.657832	50.0	129869.0	4.531566	Y
3	IC 860-232019/4	10.0	43.513618	50.0	131699.0	4.351362	Y
4	IC 860-232019/5	25.0	102.117075	50.0	139107.0	4.084683	Y
5	ICIS 860-232019/6	50.0	215.125482	50.0	152891.0	4.30251	Y
6	IC 860-232019/7	75.0	346.313245	50.0	164223.0	4.61751	Y
7	IC 860-232019/8	100.0	452.38717	50.0	166955.0	4.523872	Y
8	IC 860-232019/9	150.0	629.747666	50.0	186618.0	4.198318	Y
9	IC 860-232019/10	200.0	781.037964	50.0	199612.0	3.90519	Y



Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

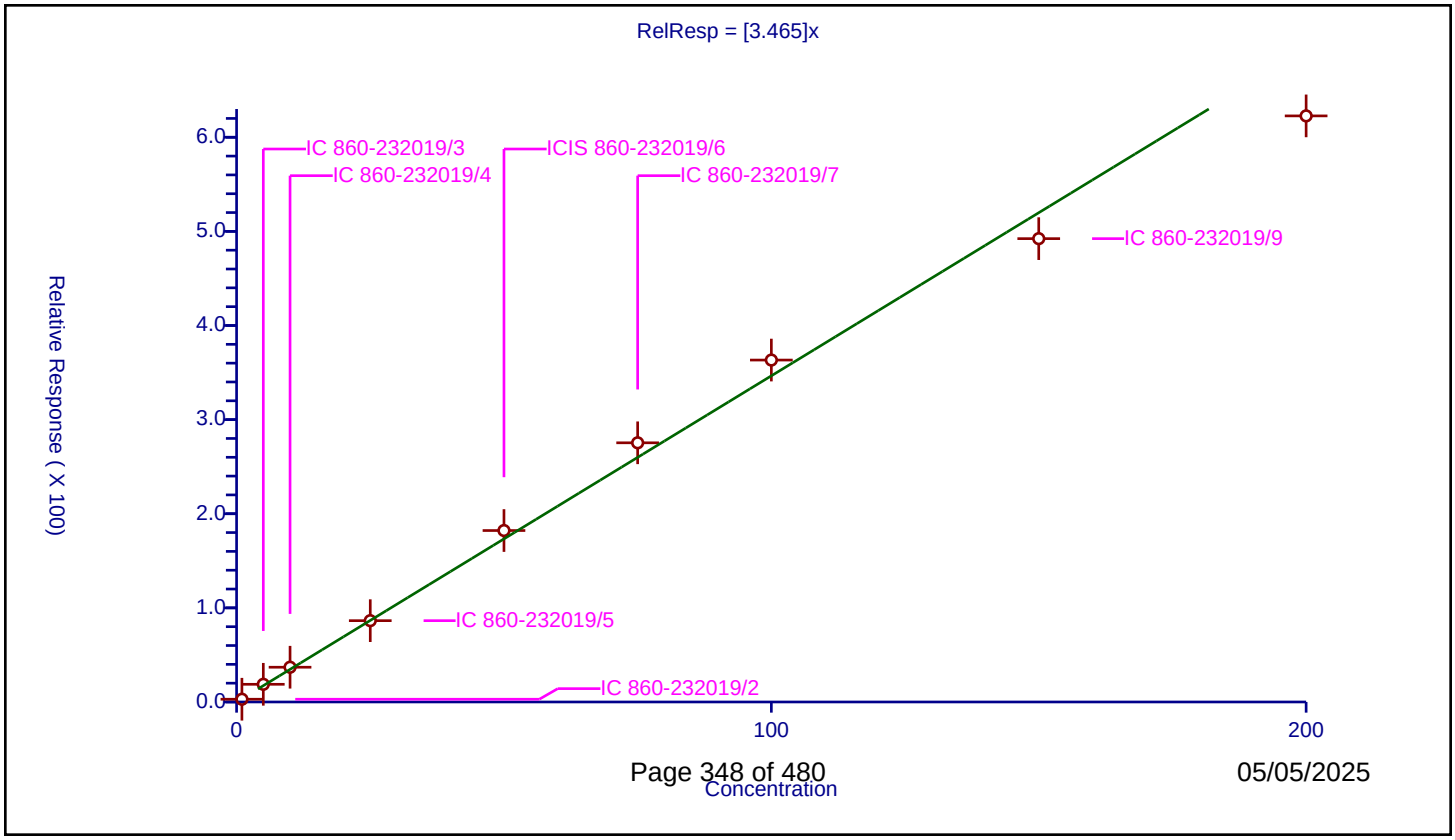
Curve Coefficients

Intercept:	0
Slope:	3.465

Error Coefficients

Relative Standard Deviation:	8.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	2.938167	50.0	118254.0	2.938167	Y
2	IC 860-232019/3	5.0	18.787008	50.0	129869.0	3.757402	Y
3	IC 860-232019/4	10.0	36.938397	50.0	131699.0	3.69384	Y
4	IC 860-232019/5	25.0	86.400397	50.0	139107.0	3.456016	Y
5	ICIS 860-232019/6	50.0	182.161802	50.0	152891.0	3.643236	Y
6	IC 860-232019/7	75.0	275.368249	50.0	164223.0	3.671577	Y
7	IC 860-232019/8	100.0	363.273637	50.0	166955.0	3.632736	Y
8	IC 860-232019/9	150.0	492.281827	50.0	186618.0	3.281879	Y
9	IC 860-232019/10	200.0	622.677494	50.0	199612.0	3.113387	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

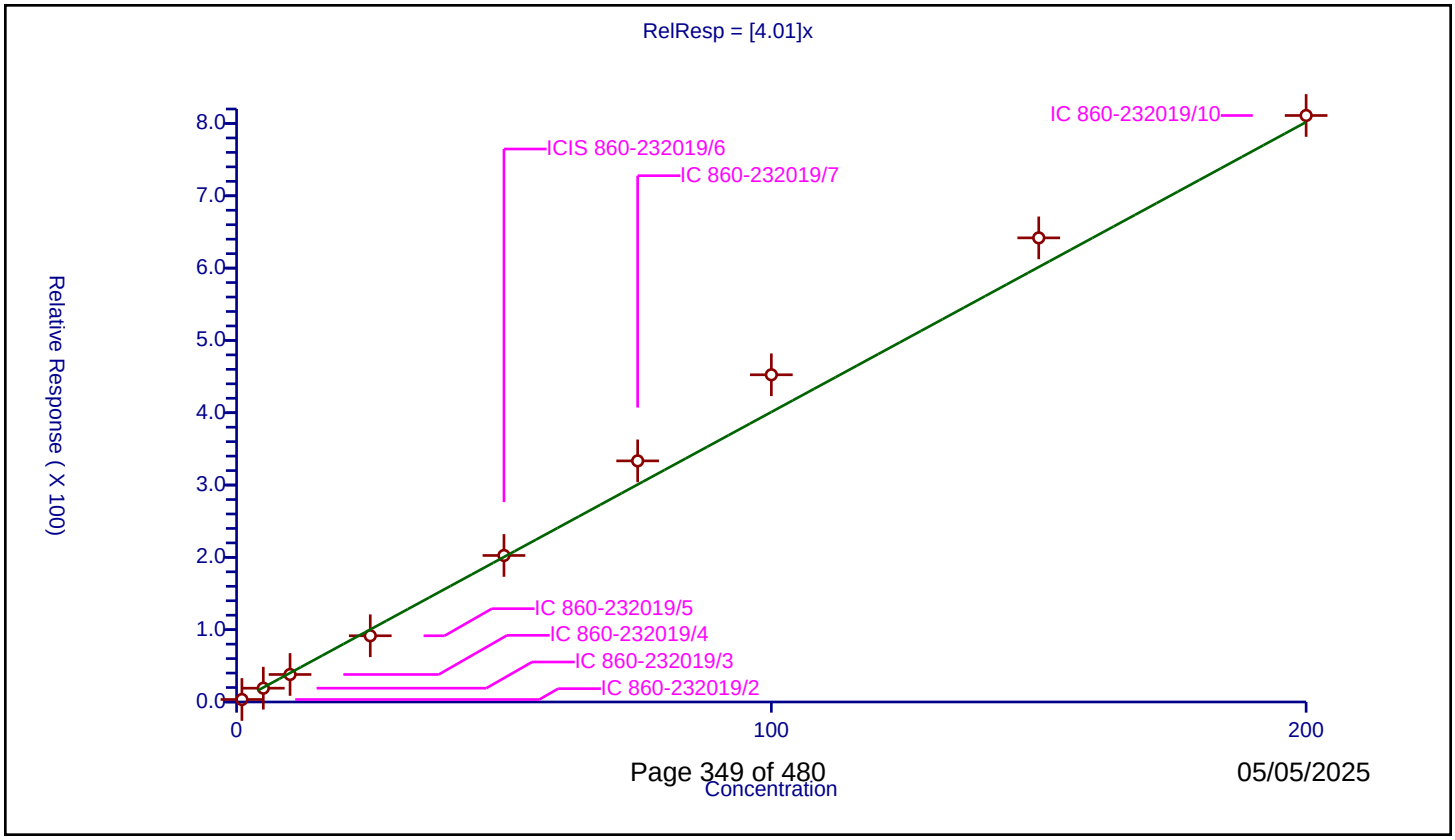
Curve Coefficients

Intercept:	0
Slope:	4.01

Error Coefficients

Relative Standard Deviation:	9.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	3.449355	50.0	118254.0	3.449355	Y
2	IC 860-232019/3	5.0	19.073451	50.0	129869.0	3.81469	Y
3	IC 860-232019/4	10.0	38.0318	50.0	131699.0	3.80318	Y
4	IC 860-232019/5	25.0	91.56908	50.0	139107.0	3.662763	Y
5	ICIS 860-232019/6	50.0	202.620167	50.0	152891.0	4.052403	Y
6	IC 860-232019/7	75.0	333.403665	50.0	164223.0	4.445382	Y
7	IC 860-232019/8	100.0	452.479411	50.0	166955.0	4.524794	Y
8	IC 860-232019/9	150.0	641.827423	50.0	186618.0	4.278849	Y
9	IC 860-232019/10	200.0	811.035158	50.0	199612.0	4.055176	Y



Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

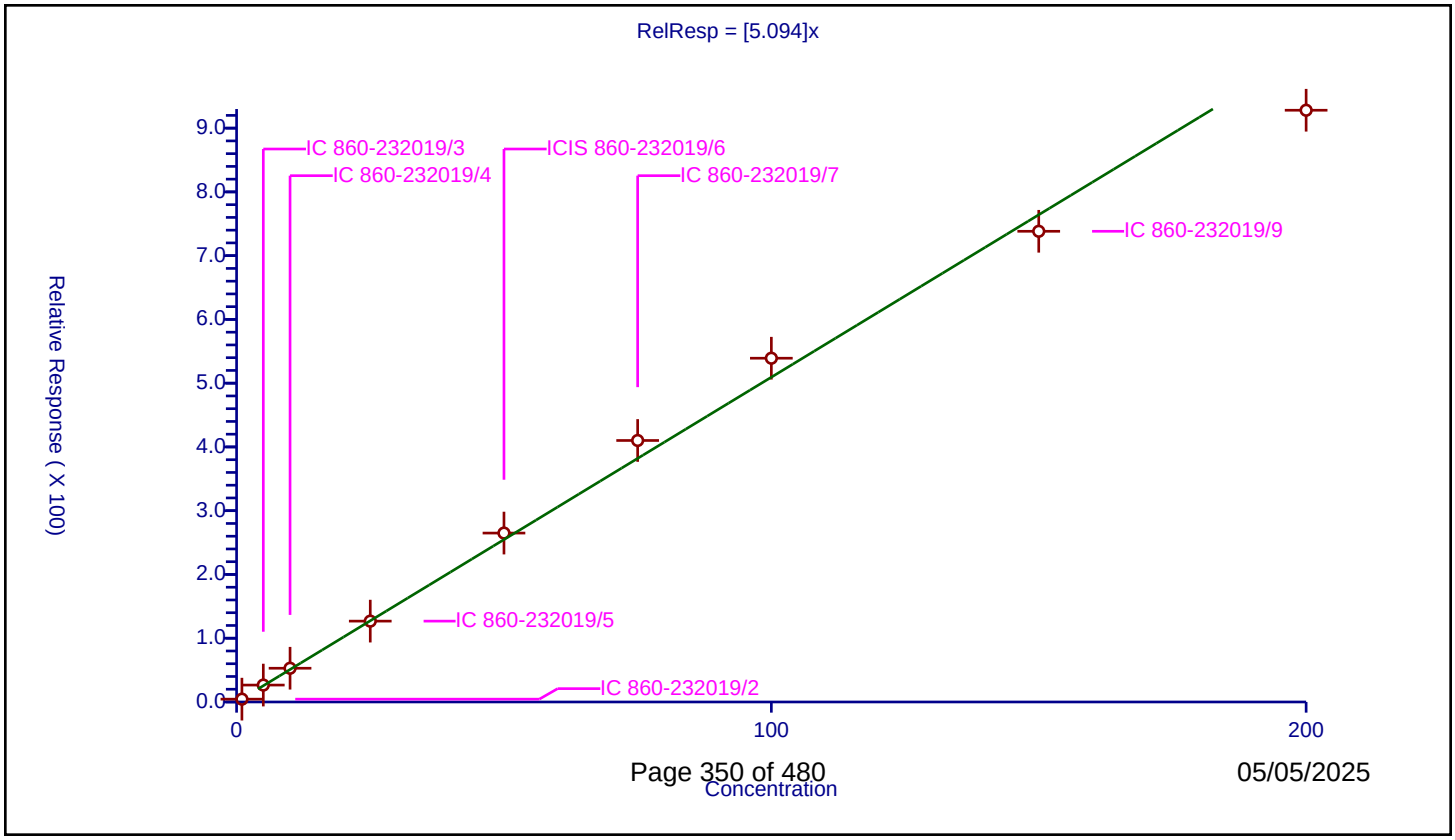
Curve Coefficients

Intercept:	0
Slope:	5.094

Error Coefficients

Relative Standard Deviation:	7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	4.449744	50.0	118254.0	4.449744	Y
2	IC 860-232019/3	5.0	26.537126	50.0	129869.0	5.307425	Y
3	IC 860-232019/4	10.0	52.947631	50.0	131699.0	5.294763	Y
4	IC 860-232019/5	25.0	126.817126	50.0	139107.0	5.072685	Y
5	ICIS 860-232019/6	50.0	264.941036	50.0	152891.0	5.298821	Y
6	IC 860-232019/7	75.0	410.150527	50.0	164223.0	5.468674	Y
7	IC 860-232019/8	100.0	539.168638	50.0	166955.0	5.391686	Y
8	IC 860-232019/9	150.0	738.243096	50.0	186618.0	4.921621	Y
9	IC 860-232019/10	200.0	928.056179	50.0	199612.0	4.640281	Y



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

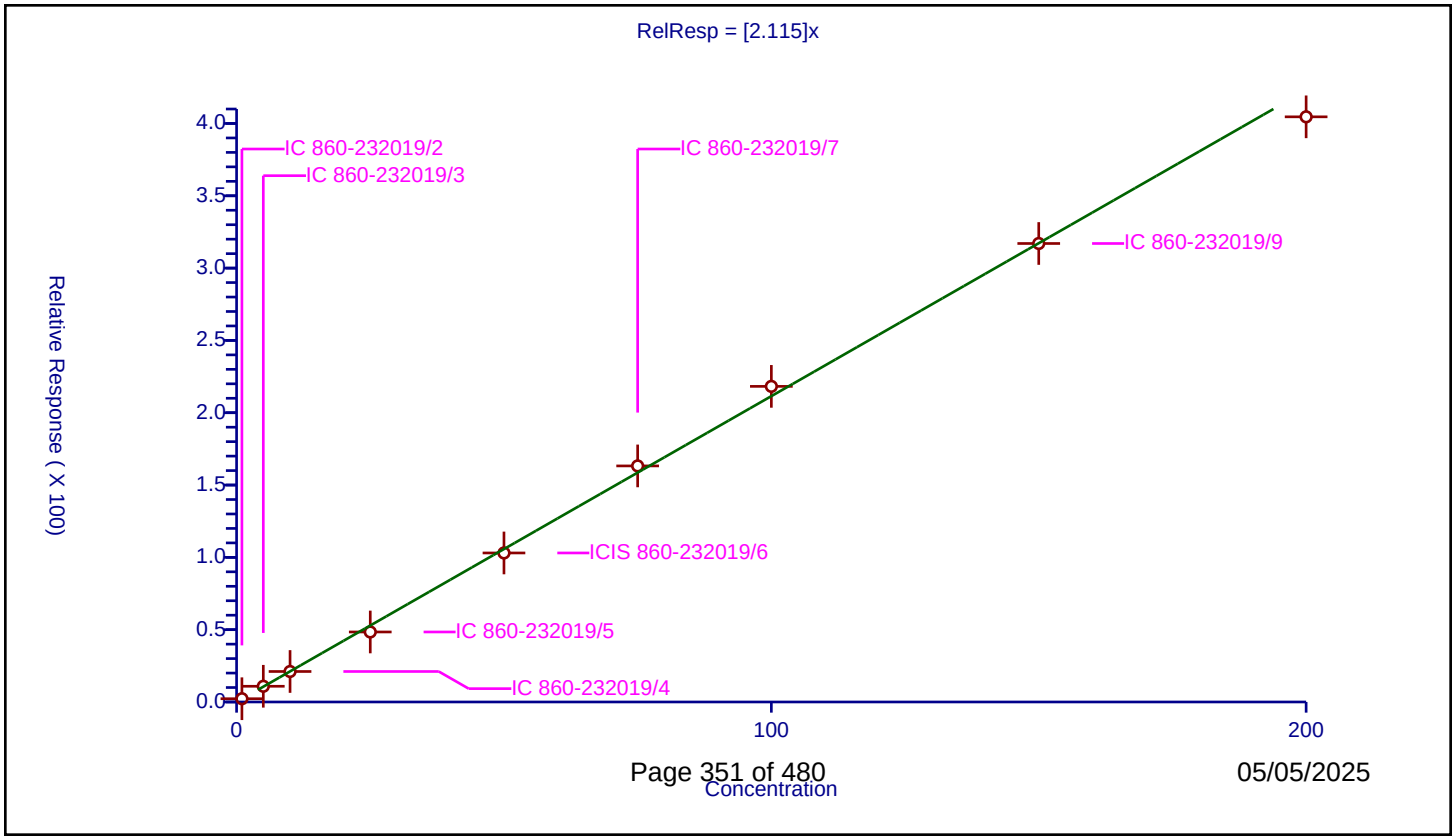
Curve Coefficients

Intercept:	0
Slope:	2.115

Error Coefficients

Relative Standard Deviation:	4.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	2.259543	50.0	118254.0	2.259543	Y
2	IC 860-232019/3	5.0	10.861329	50.0	129869.0	2.172266	Y
3	IC 860-232019/4	10.0	21.085202	50.0	131699.0	2.10852	Y
4	IC 860-232019/5	25.0	48.405903	50.0	139107.0	1.936236	Y
5	ICIS 860-232019/6	50.0	103.038439	50.0	152891.0	2.060769	Y
6	IC 860-232019/7	75.0	163.222265	50.0	164223.0	2.176297	Y
7	IC 860-232019/8	100.0	218.220179	50.0	166955.0	2.182202	Y
8	IC 860-232019/9	150.0	317.014436	50.0	186618.0	2.11343	Y
9	IC 860-232019/10	200.0	404.588652	50.0	199612.0	2.022943	Y



Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

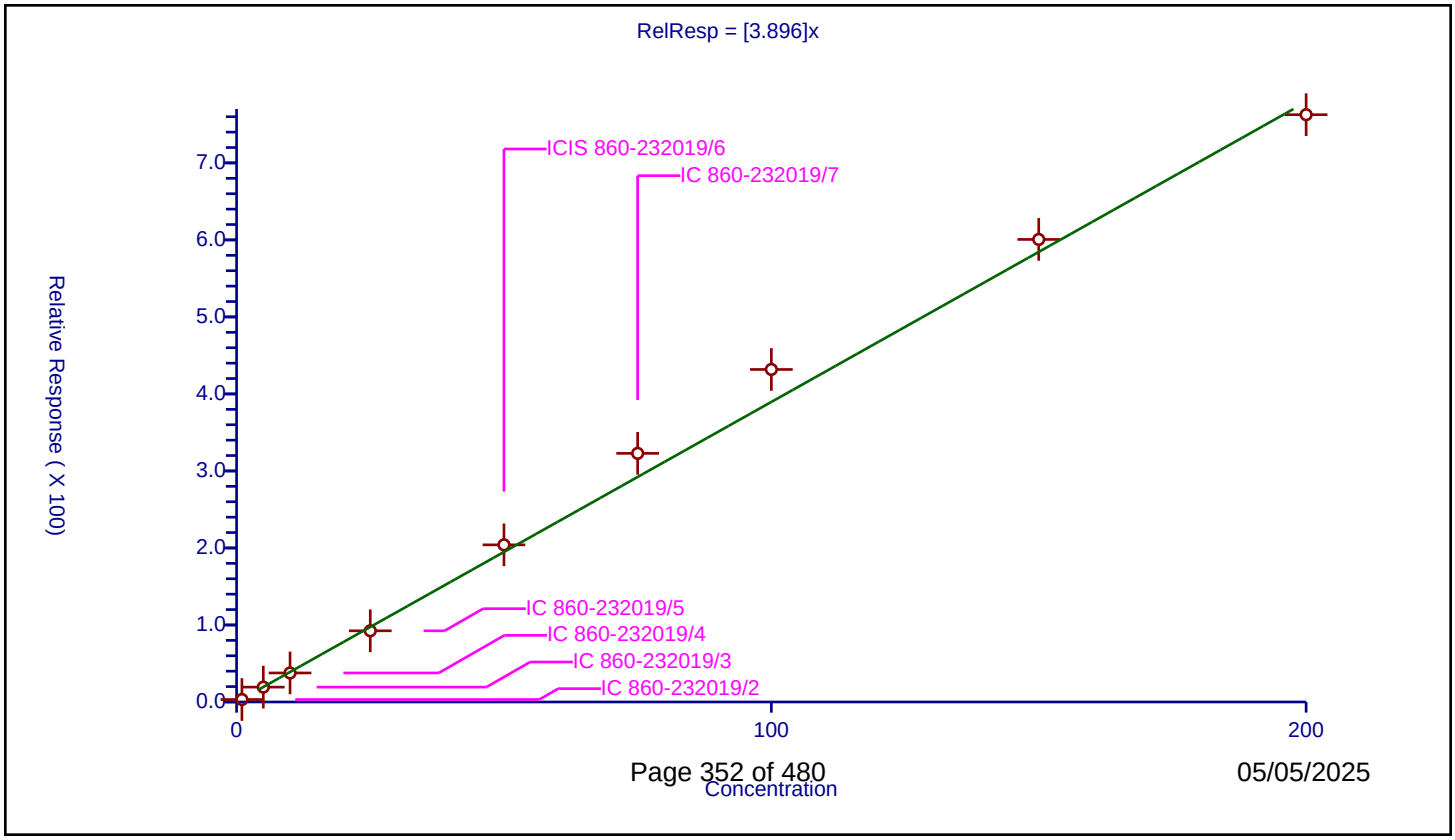
Curve Coefficients

Intercept:	0
Slope:	3.896

Error Coefficients

Relative Standard Deviation:	8.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	3.215536	50.0	118254.0	3.215536	Y
2	IC 860-232019/3	5.0	19.312538	50.0	129869.0	3.862508	Y
3	IC 860-232019/4	10.0	37.674925	50.0	131699.0	3.767493	Y
4	IC 860-232019/5	25.0	92.45437	50.0	139107.0	3.698175	Y
5	ICIS 860-232019/6	50.0	204.059101	50.0	152891.0	4.081182	Y
6	IC 860-232019/7	75.0	322.83724	50.0	164223.0	4.304497	Y
7	IC 860-232019/8	100.0	431.79749	50.0	166955.0	4.317975	Y
8	IC 860-232019/9	150.0	600.62427	50.0	186618.0	4.004162	Y
9	IC 860-232019/10	200.0	762.638519	50.0	199612.0	3.813193	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

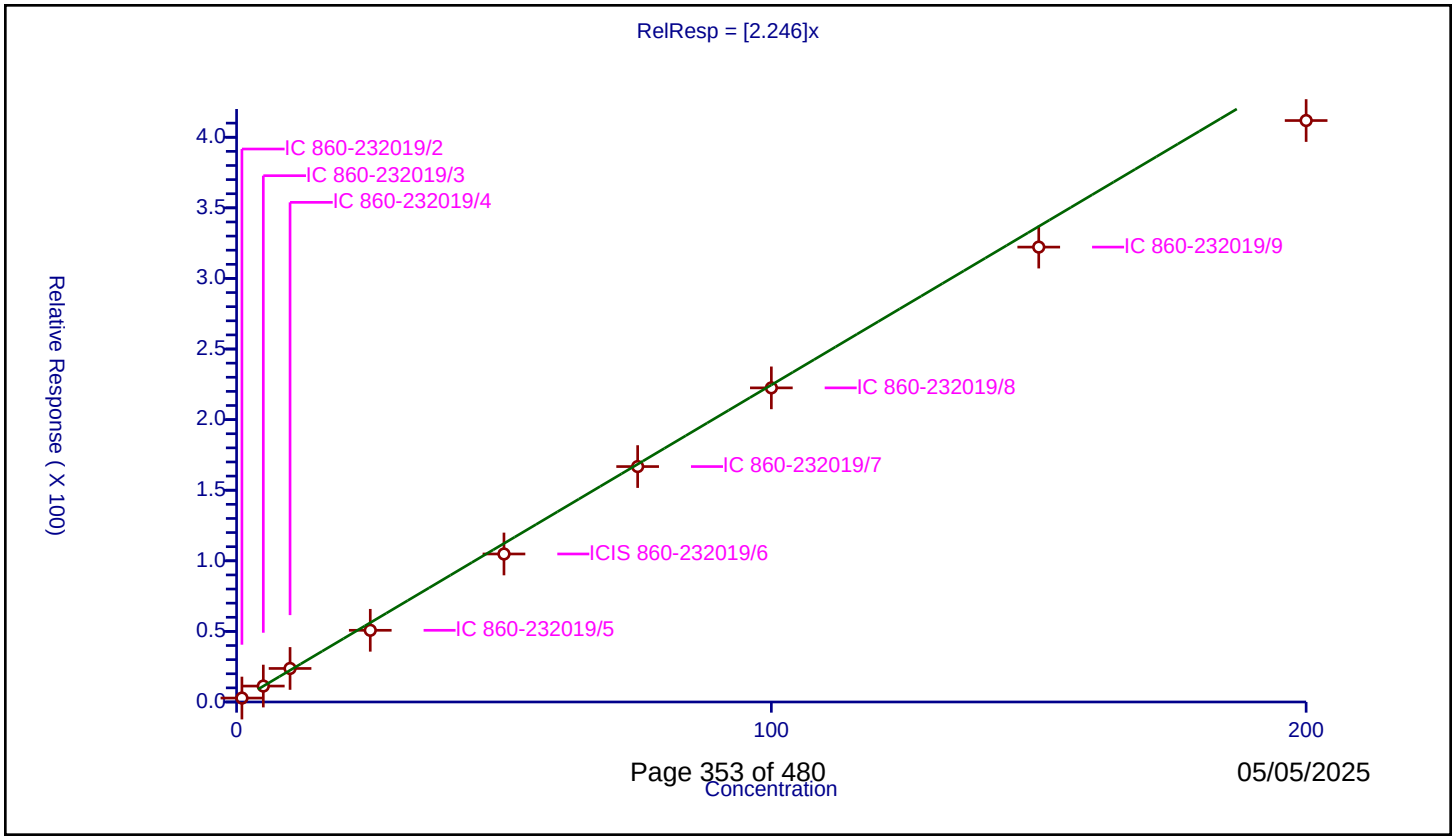
Curve Coefficients

Intercept:	0
Slope:	2.246

Error Coefficients

Relative Standard Deviation:	10.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	2.795254	50.0	118254.0	2.795254	Y
2	IC 860-232019/3	5.0	11.280983	50.0	129869.0	2.256197	Y
3	IC 860-232019/4	10.0	23.746953	50.0	131699.0	2.374695	Y
4	IC 860-232019/5	25.0	50.787883	50.0	139107.0	2.031515	Y
5	ICIS 860-232019/6	50.0	104.845936	50.0	152891.0	2.096919	Y
6	IC 860-232019/7	75.0	166.745523	50.0	164223.0	2.223274	Y
7	IC 860-232019/8	100.0	222.483903	50.0	166955.0	2.224839	Y
8	IC 860-232019/9	150.0	322.203914	50.0	186618.0	2.148026	Y
9	IC 860-232019/10	200.0	411.83521	50.0	199612.0	2.059176	Y



Calibration / Dicyclopentadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

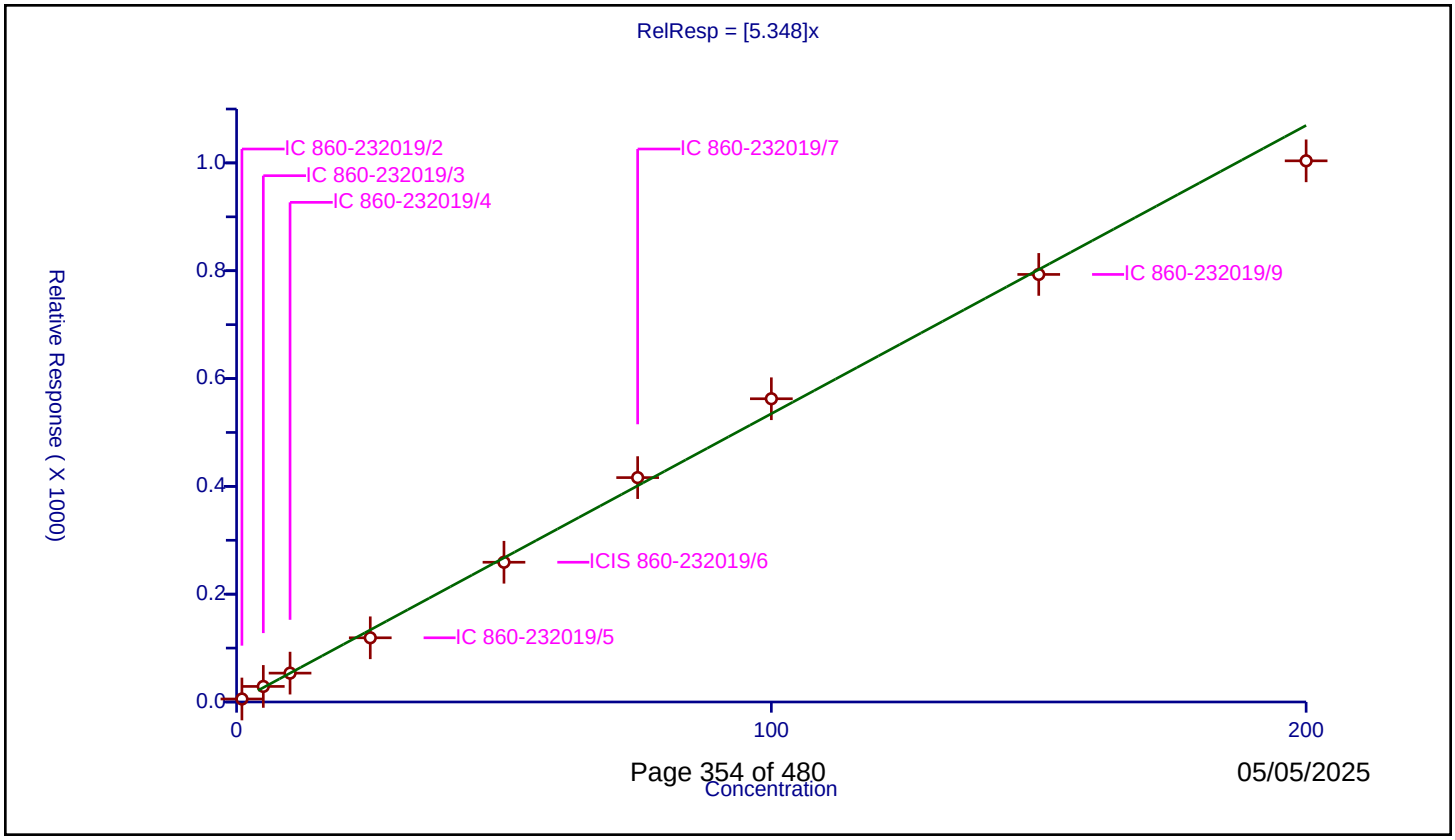
Curve Coefficients

Intercept:	0
Slope:	5.348

Error Coefficients

Relative Standard Deviation:	6.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	5.57275	50.0	118254.0	5.57275	Y
2	IC 860-232019/3	5.0	28.871786	50.0	129869.0	5.774357	Y
3	IC 860-232019/4	10.0	53.547104	50.0	131699.0	5.35471	Y
4	IC 860-232019/5	25.0	119.073447	50.0	139107.0	4.762938	Y
5	ICIS 860-232019/6	50.0	259.252016	50.0	152891.0	5.18504	Y
6	IC 860-232019/7	75.0	416.247724	50.0	164223.0	5.54997	Y
7	IC 860-232019/8	100.0	562.507861	50.0	166955.0	5.625079	Y
8	IC 860-232019/9	150.0	793.155001	50.0	186618.0	5.2877	Y
9	IC 860-232019/10	200.0	1003.873264	50.0	199612.0	5.019366	Y



Calibration / Benzyl chloride

Curve Type:	Quadratic
Weighting:	None
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

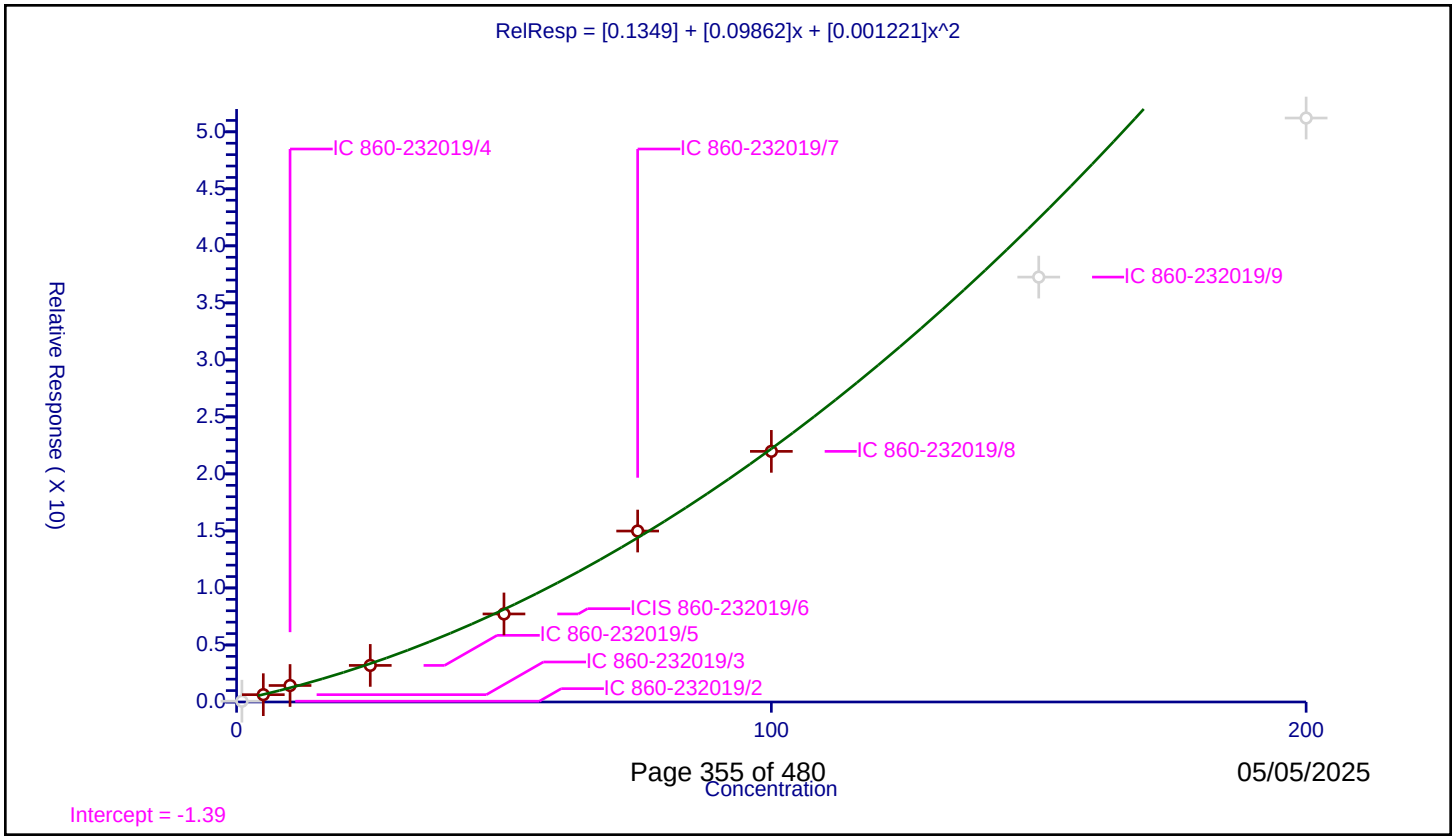
Curve Coefficients

Intercept:	0.1349
Slope:	0.09862
Second Order:	0.001221

Error Coefficients

Relative Standard Deviation:	10.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	0.068919	50.0	118254.0	0.068919	N
2	IC 860-232019/3	5.0	0.642186	50.0	129869.0	0.128437	Y
3	IC 860-232019/4	10.0	1.44724	50.0	131699.0	0.144724	Y
4	IC 860-232019/5	25.0	3.206524	50.0	139107.0	0.128261	Y
5	ICIS 860-232019/6	50.0	7.720206	50.0	152891.0	0.154404	Y
6	IC 860-232019/7	75.0	14.991201	50.0	164223.0	0.199883	Y
7	IC 860-232019/8	100.0	21.978078	50.0	166955.0	0.219781	Y
8	IC 860-232019/9	150.0	37.261143	50.0	186618.0	0.248408	N
9	IC 860-232019/10	200.0	51.210599	50.0	199612.0	0.256053	N



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

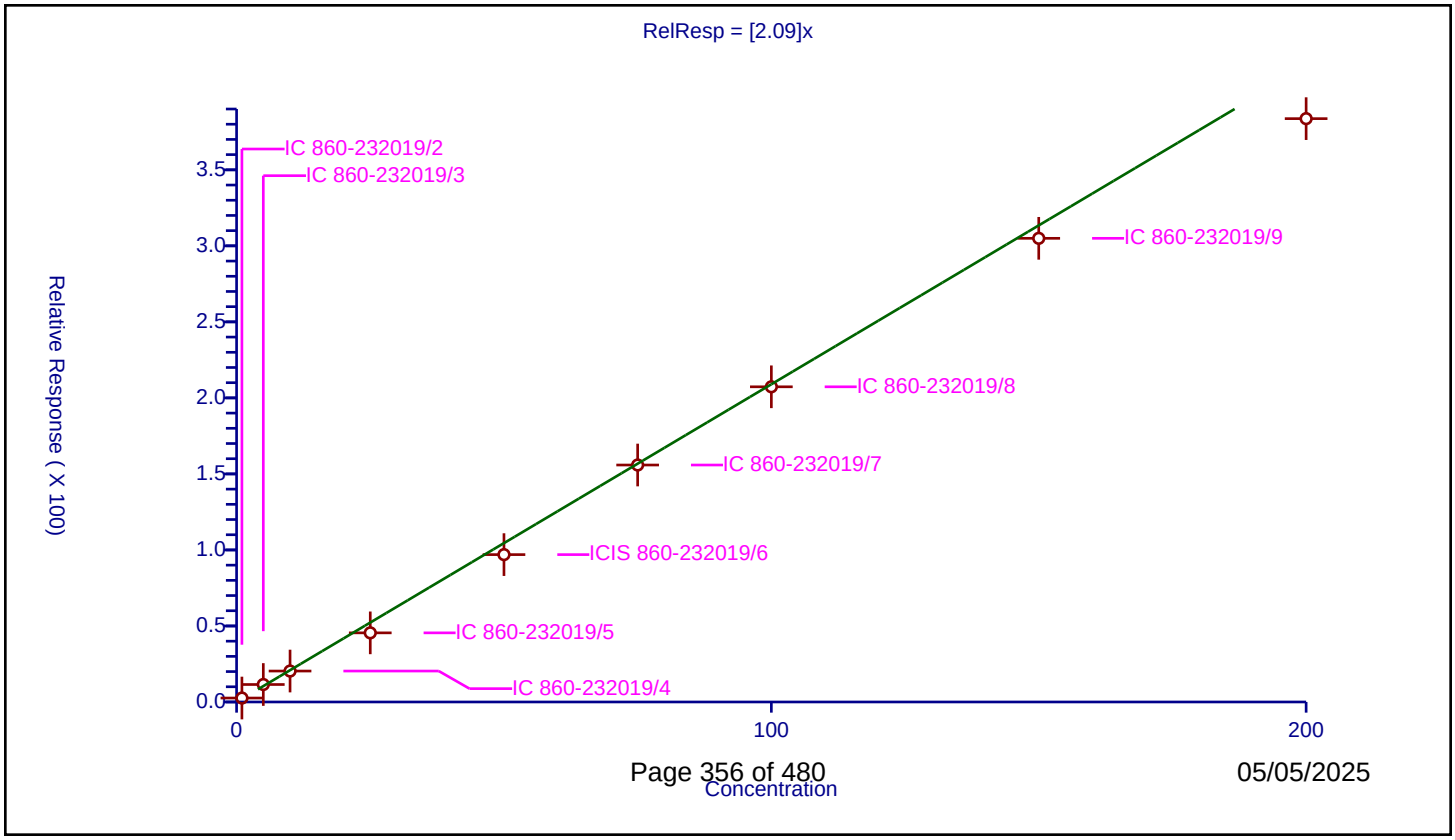
Curve Coefficients

Intercept:	0
Slope:	2.09

Error Coefficients

Relative Standard Deviation:	11.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	2.611751	50.0	118254.0	2.611751	Y
2	IC 860-232019/3	5.0	11.497355	50.0	129869.0	2.299471	Y
3	IC 860-232019/4	10.0	20.359684	50.0	131699.0	2.035968	Y
4	IC 860-232019/5	25.0	45.471831	50.0	139107.0	1.818873	Y
5	ICIS 860-232019/6	50.0	96.928858	50.0	152891.0	1.938577	Y
6	IC 860-232019/7	75.0	155.857279	50.0	164223.0	2.078097	Y
7	IC 860-232019/8	100.0	207.307059	50.0	166955.0	2.073071	Y
8	IC 860-232019/9	150.0	304.956917	50.0	186618.0	2.033046	Y
9	IC 860-232019/10	200.0	383.666062	50.0	199612.0	1.91833	Y



Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

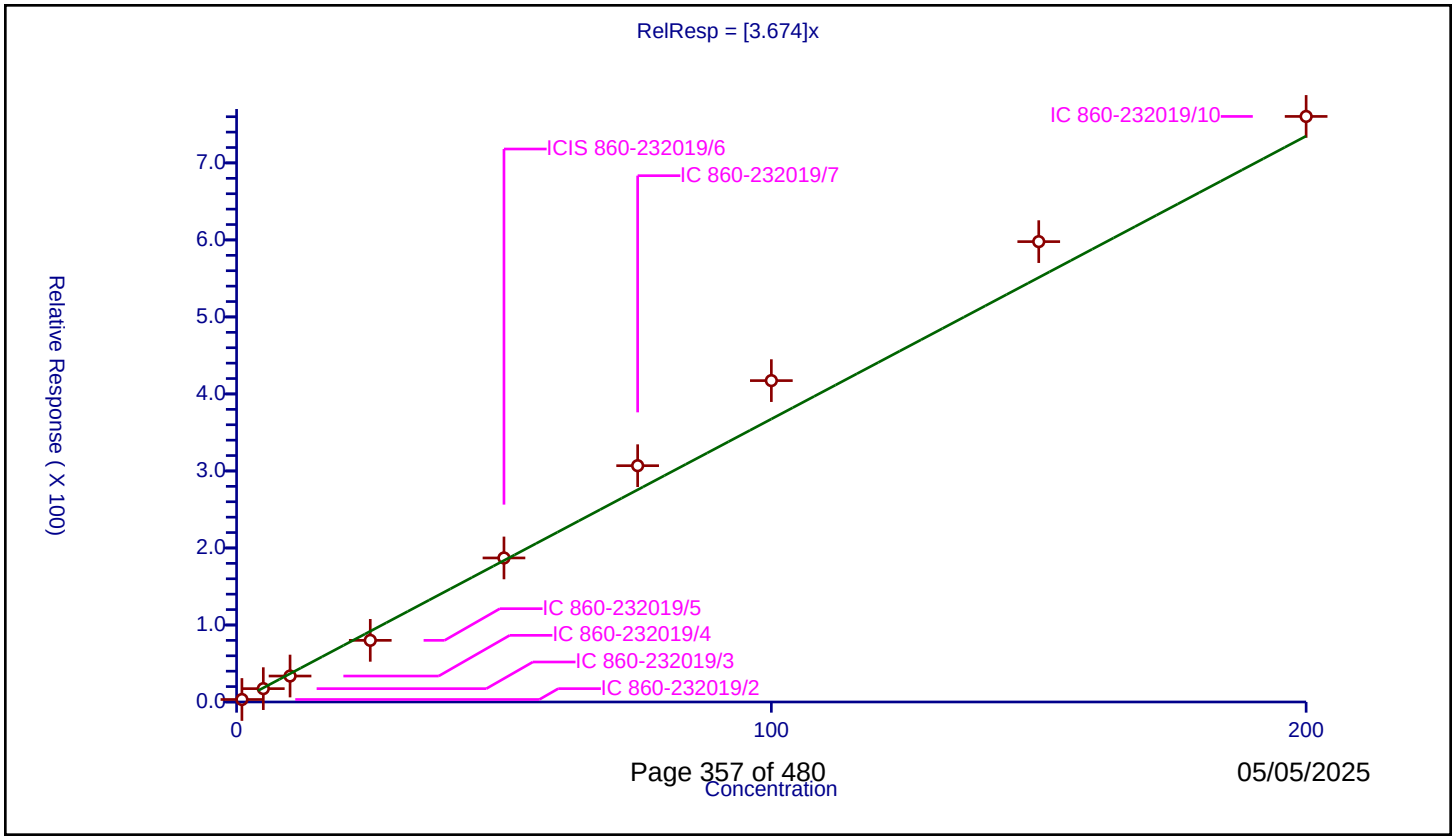
Curve Coefficients

Intercept:	0
Slope:	3.674

Error Coefficients

Relative Standard Deviation:	10.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	3.24006	50.0	118254.0	3.24006	Y
2	IC 860-232019/3	5.0	17.326306	50.0	129869.0	3.465261	Y
3	IC 860-232019/4	10.0	33.710203	50.0	131699.0	3.37102	Y
4	IC 860-232019/5	25.0	80.036591	50.0	139107.0	3.201464	Y
5	ICIS 860-232019/6	50.0	187.033573	50.0	152891.0	3.740671	Y
6	IC 860-232019/7	75.0	306.840089	50.0	164223.0	4.091201	Y
7	IC 860-232019/8	100.0	417.330718	50.0	166955.0	4.173307	Y
8	IC 860-232019/9	150.0	597.792817	50.0	186618.0	3.985285	Y
9	IC 860-232019/10	200.0	760.361351	50.0	199612.0	3.801807	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

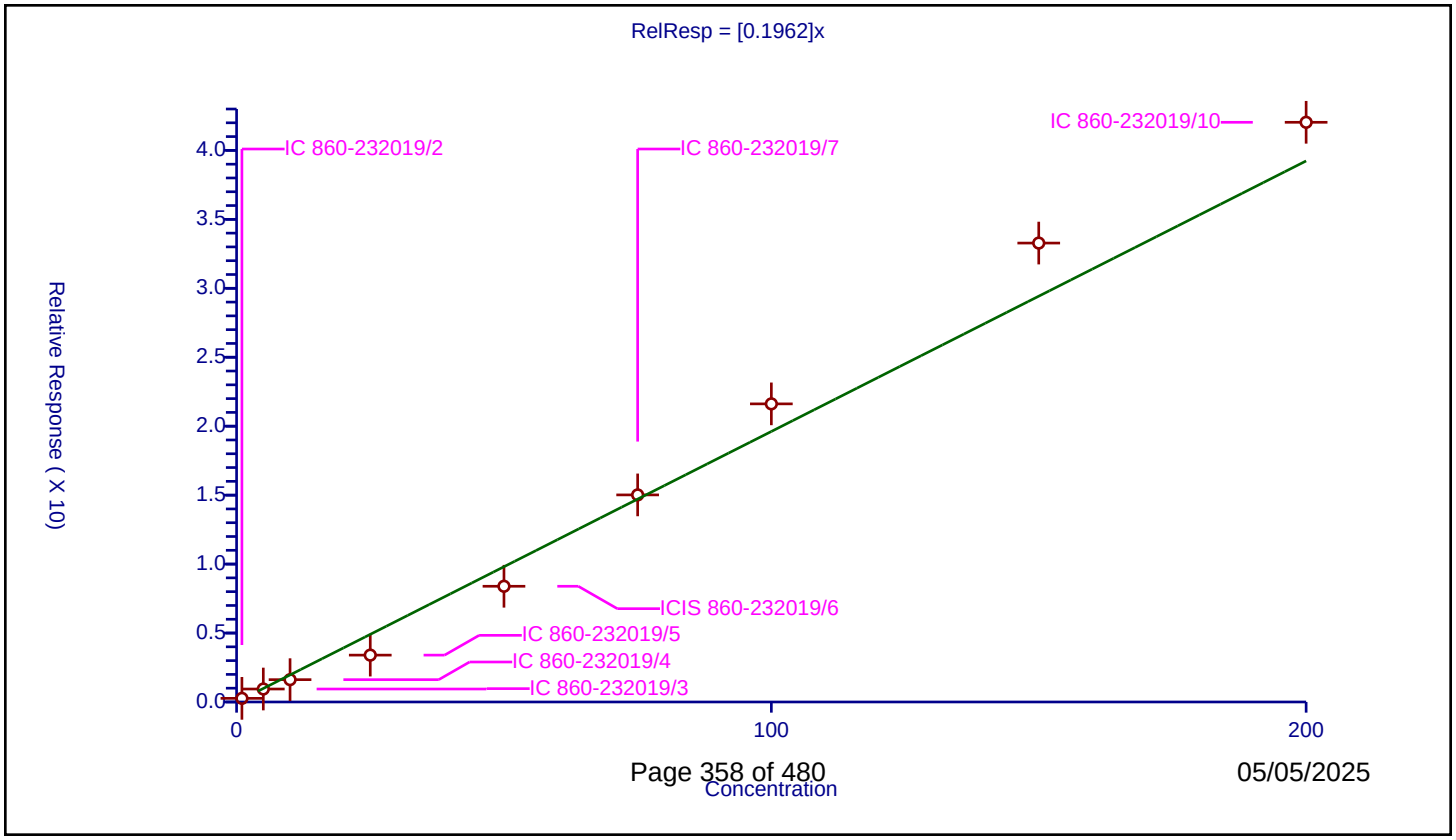
Curve Coefficients

Intercept:	0
Slope:	0.1962

Error Coefficients

Relative Standard Deviation:	19.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	0.262993	50.0	118254.0	0.262993	Y
2	IC 860-232019/3	5.0	0.941718	50.0	129869.0	0.188344	Y
3	IC 860-232019/4	10.0	1.619982	50.0	131699.0	0.161998	Y
4	IC 860-232019/5	25.0	3.398822	50.0	139107.0	0.135953	Y
5	ICIS 860-232019/6	50.0	8.390945	50.0	152891.0	0.167819	Y
6	IC 860-232019/7	75.0	15.015863	50.0	164223.0	0.200212	Y
7	IC 860-232019/8	100.0	21.6184	50.0	166955.0	0.216184	Y
8	IC 860-232019/9	150.0	33.279212	50.0	186618.0	0.221861	Y
9	IC 860-232019/10	200.0	42.037052	50.0	199612.0	0.210185	Y



Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

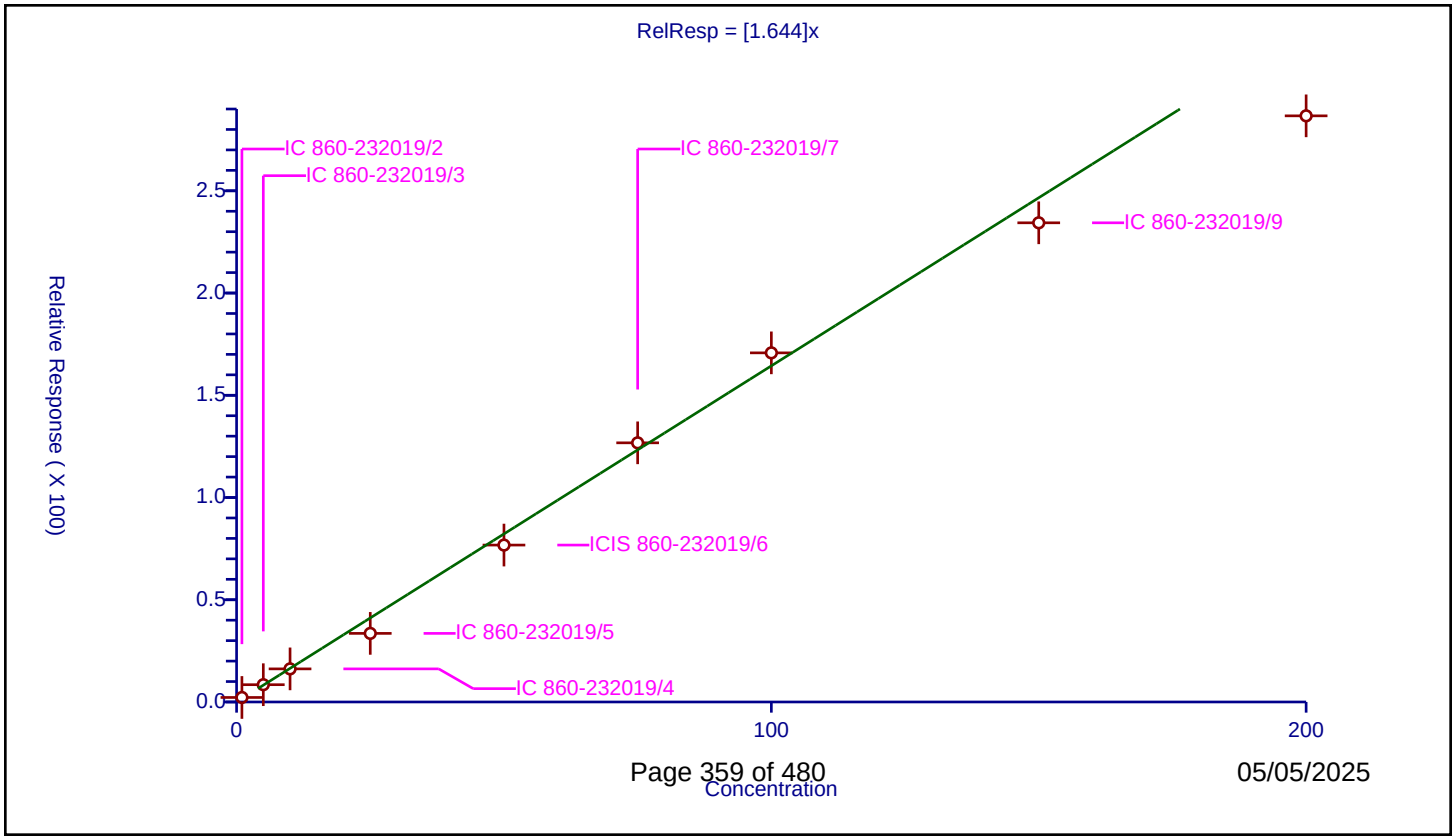
Curve Coefficients

Intercept:	0
Slope:	1.644

Error Coefficients

Relative Standard Deviation:	15.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	2.21557	50.0	118254.0	2.21557	Y
2	IC 860-232019/3	5.0	8.454674	50.0	129869.0	1.690935	Y
3	IC 860-232019/4	10.0	16.193745	50.0	131699.0	1.619374	Y
4	IC 860-232019/5	25.0	33.546119	50.0	139107.0	1.341845	Y
5	ICIS 860-232019/6	50.0	76.737022	50.0	152891.0	1.53474	Y
6	IC 860-232019/7	75.0	126.749907	50.0	164223.0	1.689999	Y
7	IC 860-232019/8	100.0	170.746309	50.0	166955.0	1.707463	Y
8	IC 860-232019/9	150.0	234.355207	50.0	186618.0	1.562368	Y
9	IC 860-232019/10	200.0	286.661373	50.0	199612.0	1.433307	Y



Calibration / Hexachlorobutadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

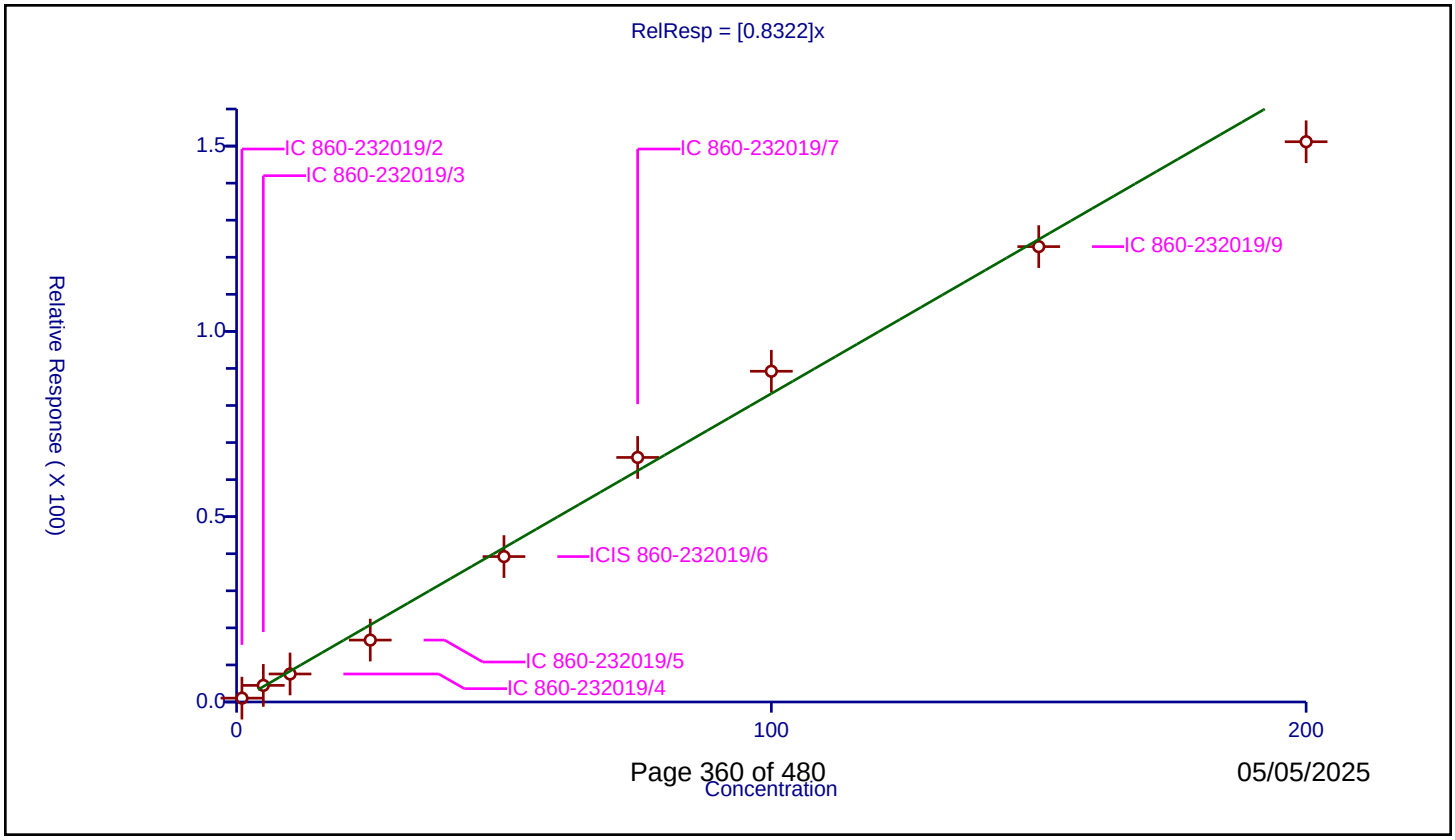
Curve Coefficients

Intercept:	0
Slope:	0.8322

Error Coefficients

Relative Standard Deviation:	13.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	1.037597	50.0	118254.0	1.037597	Y
2	IC 860-232019/3	5.0	4.478744	50.0	129869.0	0.895749	Y
3	IC 860-232019/4	10.0	7.558524	50.0	131699.0	0.755852	Y
4	IC 860-232019/5	25.0	16.706205	50.0	139107.0	0.668248	Y
5	ICIS 860-232019/6	50.0	39.237758	50.0	152891.0	0.784755	Y
6	IC 860-232019/7	75.0	65.985885	50.0	164223.0	0.879812	Y
7	IC 860-232019/8	100.0	89.241113	50.0	166955.0	0.892411	Y
8	IC 860-232019/9	150.0	122.869712	50.0	186618.0	0.819131	Y
9	IC 860-232019/10	200.0	151.172525	50.0	199612.0	0.755863	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

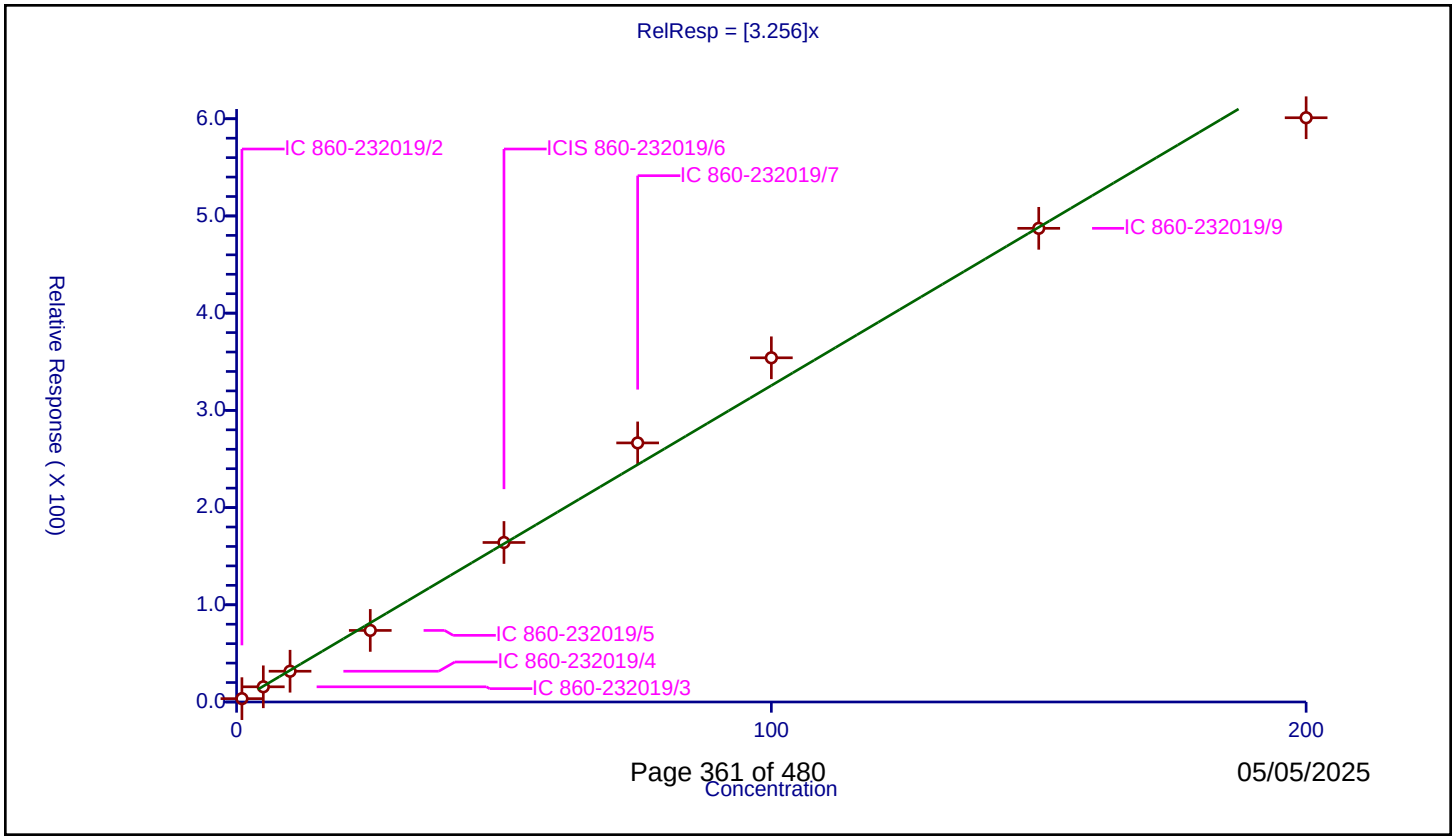
Curve Coefficients

Intercept:	0
Slope:	3.256

Error Coefficients

Relative Standard Deviation:	6.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	3.440053	50.0	118254.0	3.440053	Y
2	IC 860-232019/3	5.0	15.610731	50.0	129869.0	3.122146	Y
3	IC 860-232019/4	10.0	31.63046	50.0	131699.0	3.163046	Y
4	IC 860-232019/5	25.0	73.615993	50.0	139107.0	2.94464	Y
5	ICIS 860-232019/6	50.0	164.088141	50.0	152891.0	3.281763	Y
6	IC 860-232019/7	75.0	266.531789	50.0	164223.0	3.553757	Y
7	IC 860-232019/8	100.0	354.074152	50.0	166955.0	3.540742	Y
8	IC 860-232019/9	150.0	487.26543	50.0	186618.0	3.248436	Y
9	IC 860-232019/10	200.0	601.042272	50.0	199612.0	3.005211	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

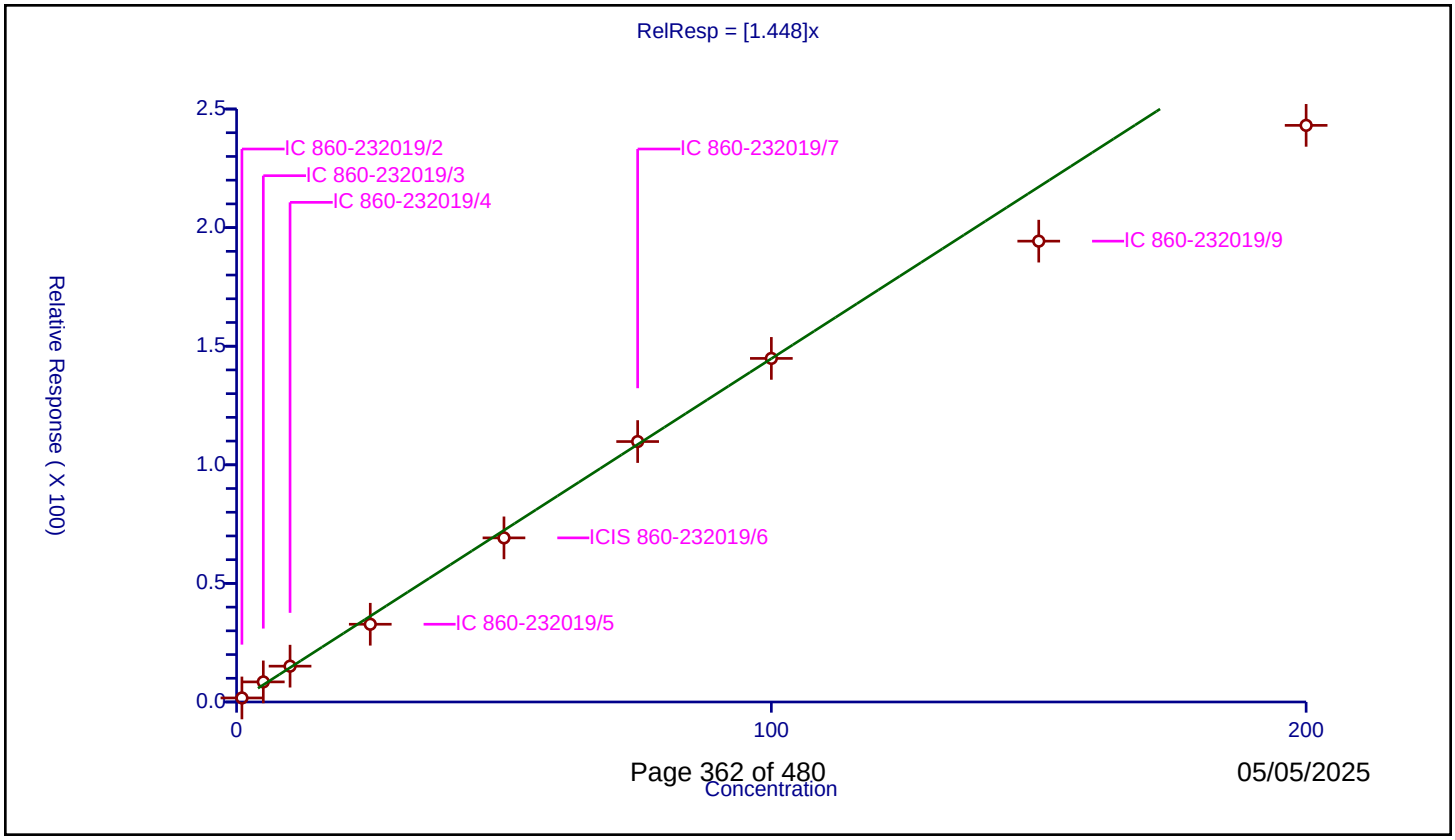
Curve Coefficients

Intercept:	0
Slope:	1.448

Error Coefficients

Relative Standard Deviation:	11.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	1.706919	50.0	118254.0	1.706919	Y
2	IC 860-232019/3	5.0	8.466609	50.0	129869.0	1.693322	Y
3	IC 860-232019/4	10.0	15.103	50.0	131699.0	1.5103	Y
4	IC 860-232019/5	25.0	32.778724	50.0	139107.0	1.311149	Y
5	ICIS 860-232019/6	50.0	69.192431	50.0	152891.0	1.383849	Y
6	IC 860-232019/7	75.0	109.804656	50.0	164223.0	1.464062	Y
7	IC 860-232019/8	100.0	144.860292	50.0	166955.0	1.448603	Y
8	IC 860-232019/9	150.0	194.293423	50.0	186618.0	1.295289	Y
9	IC 860-232019/10	200.0	243.109132	50.0	199612.0	1.215546	Y



Calibration / 2-Methylnaphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

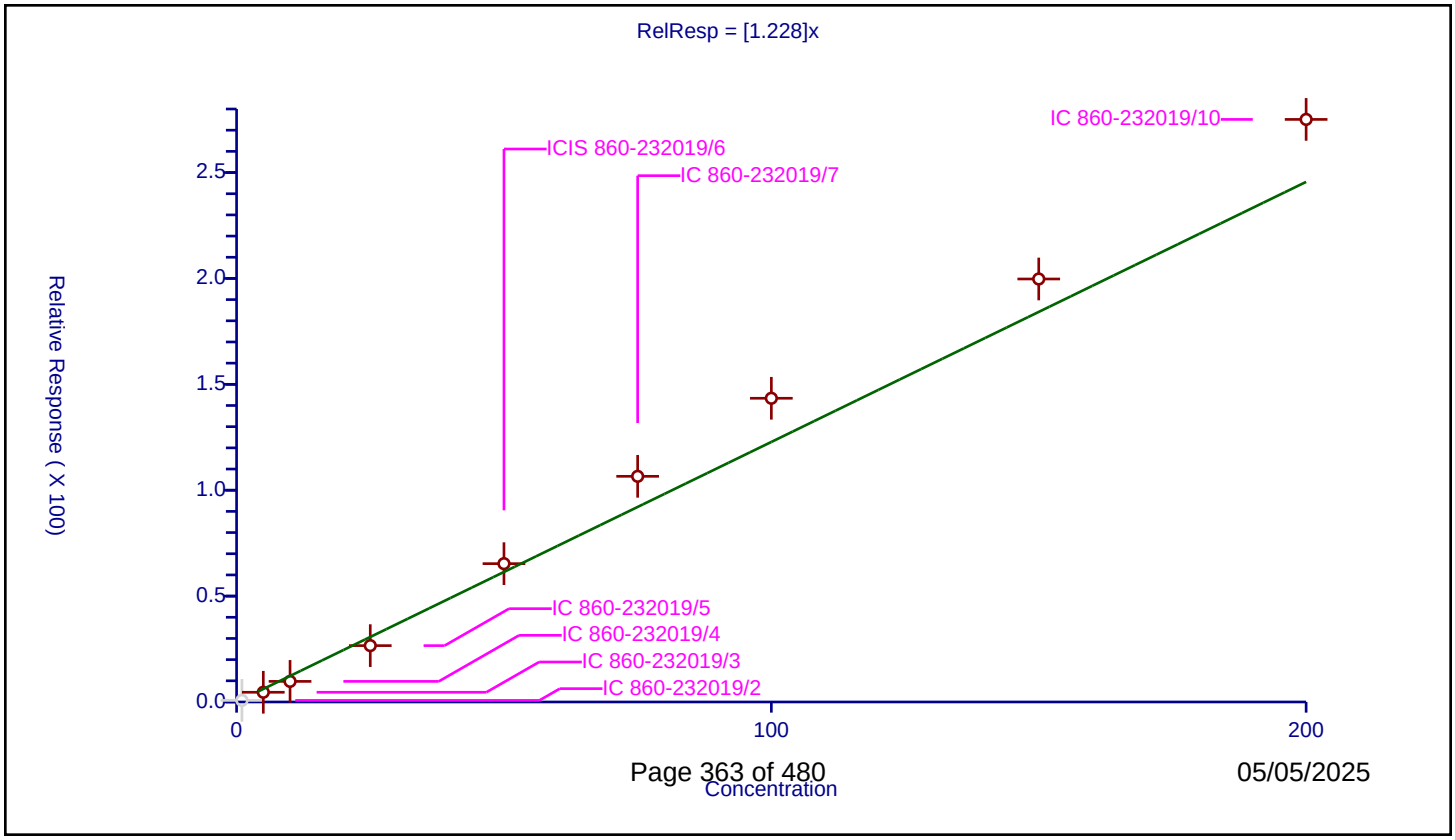
Curve Coefficients

Intercept:	0
Slope:	1.228

Error Coefficients

Relative Standard Deviation:	17.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	0.743738	50.0	118254.0	0.743738	N
2	IC 860-232019/3	5.0	4.59155	50.0	129869.0	0.91831	Y
3	IC 860-232019/4	10.0	9.724447	50.0	131699.0	0.972445	Y
4	IC 860-232019/5	25.0	26.613326	50.0	139107.0	1.064533	Y
5	ICIS 860-232019/6	50.0	65.318102	50.0	152891.0	1.306362	Y
6	IC 860-232019/7	75.0	106.562114	50.0	164223.0	1.420828	Y
7	IC 860-232019/8	100.0	143.413495	50.0	166955.0	1.434135	Y
8	IC 860-232019/9	150.0	199.733413	50.0	186618.0	1.331556	Y
9	IC 860-232019/10	200.0	275.085666	50.0	199612.0	1.375428	Y



Calibration / 1-Methylnaphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

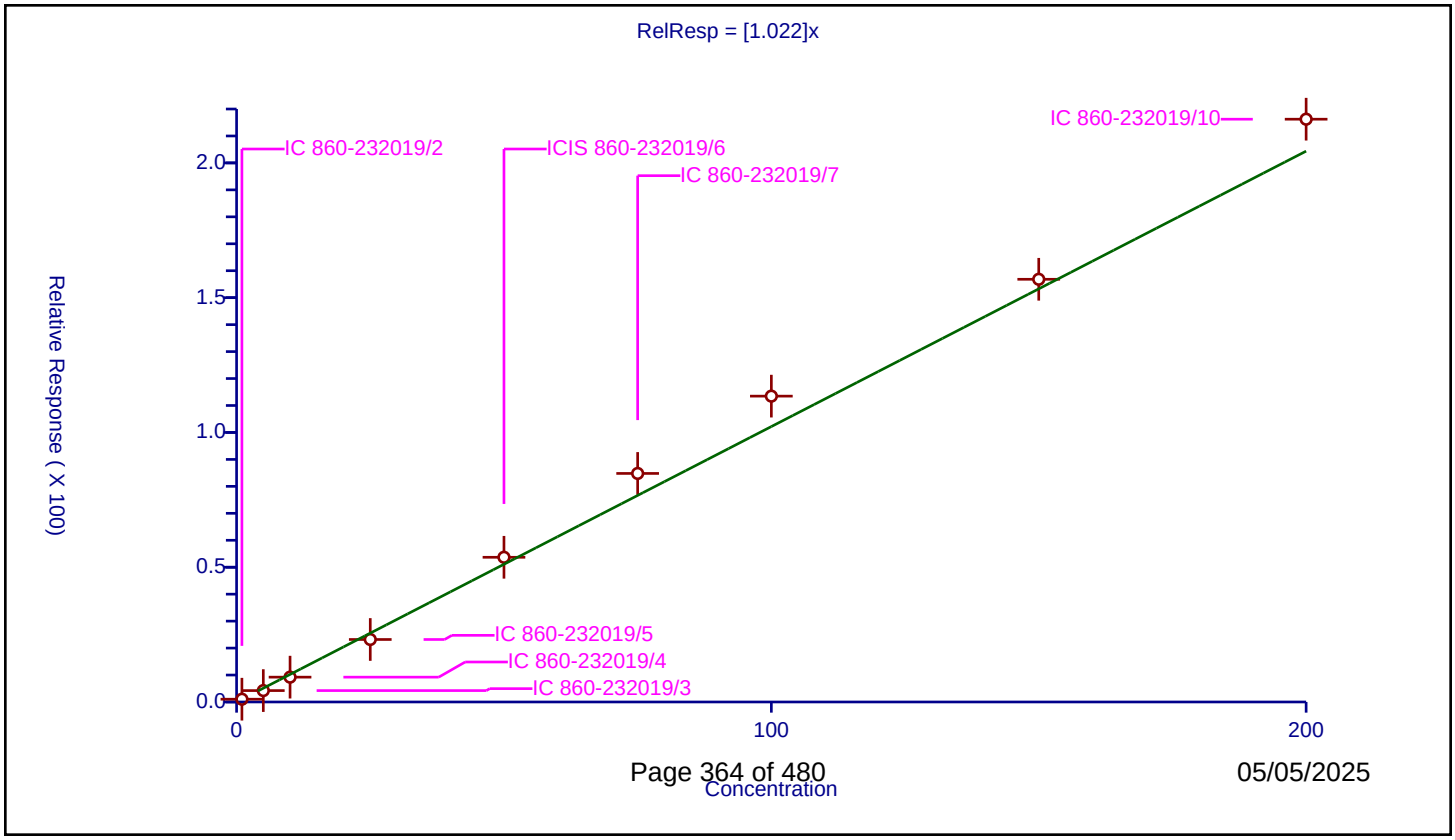
Curve Coefficients

Intercept:	0
Slope:	1.022

Error Coefficients

Relative Standard Deviation:	9.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-232019/2	1.0	1.036751	50.0	118254.0	1.036751	Y
2	IC 860-232019/3	5.0	4.226182	50.0	129869.0	0.845236	Y
3	IC 860-232019/4	10.0	9.213434	50.0	131699.0	0.921343	Y
4	IC 860-232019/5	25.0	23.186109	50.0	139107.0	0.927444	Y
5	ICIS 860-232019/6	50.0	53.688576	50.0	152891.0	1.073772	Y
6	IC 860-232019/7	75.0	84.792325	50.0	164223.0	1.130564	Y
7	IC 860-232019/8	100.0	113.473691	50.0	166955.0	1.134737	Y
8	IC 860-232019/9	150.0	156.827048	50.0	186618.0	1.045514	Y
9	IC 860-232019/10	200.0	216.217211	50.0	199612.0	1.081086	Y



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Lab Sample ID: ICV 860-231384/12 Calibration Date: 04/24/2025 21:07

Instrument ID: A325 Calib Start Date: 04/24/2025 17:22

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 04/24/2025 20:05

Lab File ID: A042425016.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	Lin1		0.3350		52.7	50.0	5.5	30.0
Chloromethane	Ave	0.6917	0.7091		51.3	50.0	2.5	30.0
Vinyl chloride	Ave	0.4750	0.5210		51.1	50.0	9.7	30.0
1,3-Butadiene	Lin1		0.4620		49.5	50.0	-1.0	30.0
Ethylene oxide	Qua		0.0494		453	500	-9.3	30.0
Bromomethane	Ave	0.2951	0.3173		52.6	50.0	7.5	30.0
Chloroethane	Ave	0.2751	0.3221		58.6	50.0	17.1	30.0
Dichlorofluoromethane	Ave	0.8703	0.9250		53.1	50.0	6.3	30.0
Trichlorofluoromethane	Ave	0.6416	0.6944		54.1	50.0	8.2	30.0
Diethyl ether	Ave	0.3907	0.4144		53.0	50.0	6.1	30.0
Isopropyl alcohol	Ave	0.0301	0.0297		500	500	-1.2	30.0
Acrolein	Ave	0.0565	0.0557		248	250	-1.5	30.0
1,1-Dichloroethene	Ave	0.7160	0.7596		53.1	50.0	6.1	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Lin1		0.4155		51.6	50.0	3.1	30.0
Acetone	Ave	0.0492	0.0469		241	250	-4.7	30.0
Iodomethane (Methyl Iodide)	Qua		0.3084		54.9	50.0	9.7	30.0
Carbon disulfide	Ave	1.334	1.401		52.5	50.0	5.0	30.0
Acetonitrile	Ave	0.1298	0.1271		490	500	-2.1	30.0
Allyl Chloride (3-Chloropropene)	Ave	1.298	1.271		49.0	50.0	-2.1	30.0
Methyl acetate	Ave	0.4080	0.4207		103	100	3.1	30.0
Methylene Chloride	Ave	0.5139	0.5174		50.3	50.0	0.7	30.0
tert-Butyl alcohol	Ave	0.0564	0.0488		432	500	-13.5	30.0
trans-1,2-Dichloroethene	Ave	0.4658	0.5056		51.7	50.0	8.5	30.0
Acrylonitrile	Ave	0.2183	0.2165		496	500	-0.8	30.0
MTBE	Ave	1.368	1.426		52.1	50.0	4.2	30.0
n-Hexane	Ave	0.5724	0.5454		47.6	50.0	-4.7	30.0
1,1-Dichloroethane	Ave	0.8873	0.9460		53.3	50.0	6.6	30.0
Vinyl acetate	Ave	1.036	0.9838		237	250	-5.0	30.0
Chloroprene	Ave	0.7254	0.8159		56.2	50.0	12.5	30.0
Isopropyl ether	Ave	1.595	1.688		52.9	50.0	5.9	30.0
Ethyl tert-butyl ether	Ave	1.656	1.715		51.8	50.0	3.6	30.0
2,2-Dichloropropane	Ave	0.6204	0.7018		56.6	50.0	13.1	30.0
cis-1,2-Dichloroethene	Ave	0.7846	0.8191		52.2	50.0	4.4	30.0
2-Butanone	Ave	0.1743	0.1697		243	250	-2.7	30.0
Ethyl acetate	Ave	0.5947	0.5769		97.0	100	-3.0	30.0
Propane Nitrile (Propionitrile)	Ave	0.0736	0.0767		521	500	4.2	30.0
Bromochloromethane	Ave	0.4528	0.4885		54.0	50.0	7.9	30.0
Methacrylonitrile	Ave	0.2143	0.2203		514	500	2.8	30.0
Tetrahydrofuran	Ave	0.1567	0.1451		89.6	100	-7.4	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Lab Sample ID: ICV 860-231384/12 Calibration Date: 04/24/2025 21:07

Instrument ID: A325 Calib Start Date: 04/24/2025 17:22

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 04/24/2025 20:05

Lab File ID: A042425016.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	0.9032	0.9690		53.7	50.0	7.3	30.0
1,1,1-Trichloroethane	Ave	0.7442	0.8368		56.2	50.0	12.4	30.0
Cyclohexane	Lin1		0.6186		51.6	50.0	3.1	30.0
Carbon tetrachloride	Ave	0.6491	0.6946		53.5	50.0	7.0	30.0
1,1-Dichloropropene	Ave	0.6359	0.6625		52.1	50.0	4.2	30.0
Isobutanol	Ave	0.0131	0.0122		1155	1240	-6.8	30.0
Benzene	Ave	1.257	1.304		51.8	50.0	3.7	30.0
1,2-Dichloroethane	Ave	0.5026	0.5390		53.6	50.0	7.2	30.0
2,2,4-Trimethylpentane	Ave	0.8866	0.8761		49.4	50.0	-1.2	30.0
Tert-amyl methyl ether	Ave	1.016	1.017		50.1	50.0	0.1	30.0
Trichloroethene	Ave	0.3471	0.3718		53.6	50.0	7.1	30.0
n-Butanol	Ave	0.0150	0.0137		1146	1260	-9.0	30.0
Methylcyclohexane	Ave	0.9142	0.8917		48.8	50.0	-2.5	30.0
Ethyl acrylate	Lin1		0.3782		60.5	50.0	20.9	30.0
1,2-Dichloropropane	Ave	0.3634	0.3776		52.0	50.0	3.9	30.0
Dibromomethane	Ave	0.2270	0.2422		53.4	50.0	6.7	30.0
Methyl methacrylate	Ave	0.2661	0.2531		95.1	100	-4.9	30.0
1,4-Dioxane (P-Dioxane)	Lin1		0.0027		854	1000	-14.6	30.0
Bromodichloromethane	Ave	0.4818	0.5052		52.4	50.0	4.9	30.0
2-Nitropropane	Ave	0.1223	0.1147		93.8	100	-6.2	30.0
2-Chloroethyl vinyl ether	Lin1		0.2093		52.1	50.0	4.1	30.0
Epichlorohydrin	Ave	0.0302	0.0302		501	500	0.1	30.0
cis-1,3-Dichloropropene	Ave	0.5222	0.5453		52.2	50.0	4.4	30.0
4-Methyl-2-pentanone	Ave	0.3279	0.3323		253	250	1.3	30.0
Toluene	Ave	0.8737	0.9009		51.6	50.0	3.1	30.0
trans-1,3-Dichloropropene	Ave	0.5708	0.5963		52.2	50.0	4.5	30.0
Ethyl methacrylate	Ave	0.4927	0.4989		50.6	50.0	1.3	30.0
1,1,2-Trichloroethane	Ave	0.2969	0.3029		51.0	50.0	2.0	30.0
Tetrachloroethene	Ave	0.3367	0.3472		51.6	50.0	3.1	30.0
1,3-Dichloropropane	Ave	0.5597	0.5703		51.0	50.0	1.9	30.0
2-Hexanone	Ave	0.2562	0.2493		243	250	-2.7	30.0
Dibromochloromethane	Ave	0.4337	0.4419		50.9	50.0	1.9	30.0
n-Butyl acetate	Ave	0.6256	0.6027		48.2	50.0	-3.7	30.0
1,2-Dibromoethane	Ave	0.3791	0.3899		51.4	50.0	2.9	30.0
1-Chlorohexane	Lin1		0.3783		49.2	50.0	-1.6	30.0
Chlorobenzene	Ave	1.037	1.055		50.9	50.0	1.7	30.0
1,1,1,2-Tetrachloroethane	Ave	0.3897	0.4065		52.2	50.0	4.3	30.0
Ethylbenzene	Ave	1.698	1.731		51.0	50.0	2.0	30.0
m,p-Xylenes	Ave	1.352	1.375		50.8	50.0	1.6	30.0
o-Xylene	Ave	1.410	1.427		50.6	50.0	1.2	30.0
Styrene	Ave	1.061	1.102		52.0	50.0	3.9	30.0

FORM VII 8260D

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Lab Sample ID: ICV 860-231384/12 Calibration Date: 04/24/2025 21:07

Instrument ID: A325 Calib Start Date: 04/24/2025 17:22

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 04/24/2025 20:05

Lab File ID: A042425016.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
Bromoform	Ave	0.3378	0.3472		51.4	50.0	2.8	30.0
Isopropylbenzene	Ave	1.682	1.729		51.4	50.0	2.8	30.0
cis-1,4-Dichloro-2-butene	Lin1		0.1547		47.9	50.5	-5.1	30.0
Cyclohexanone	Ave	0.0175	0.0158		2257	2500	-9.7	30.0
Bromobenzene	Ave	0.8494	0.8549		50.3	50.0	0.7	30.0
1,1,2,2-Tetrachloroethane	Ave	0.8264	0.7876		47.7	50.0	-4.7	30.0
1,2,3-Trichloropropane	Ave	0.9529	0.9452		49.6	50.0	-0.8	30.0
trans-1,4-Dichloro-2-butene	Lin1		0.2646		50.5	50.0	1.0	30.0
N-Propylbenzene	Ave	3.474	3.451		49.7	50.0	-0.7	30.0
2-Chlorotoluene	Ave	2.066	1.971		47.7	50.0	-4.6	30.0
4-Ethyltoluene	Ave	2.759	2.789		50.5	50.0	1.1	30.0
1,3,5-Trimethylbenzene	Ave	2.485	2.493		50.2	50.0	0.3	30.0
4-Chlorotoluene	Ave	2.468	2.477		50.2	50.0	0.4	30.0
tert-Butylbenzene	Ave	2.076	2.054		49.5	50.0	-1.0	30.0
1,2,4-Trimethylbenzene	Ave	2.517	2.517		50.0	50.0	-0.0	30.0
sec-Butylbenzene	Ave	3.003	2.987		49.7	50.0	-0.5	30.0
1,3-Dichlorobenzene	Ave	1.509	1.510		50.1	50.0	0.0	30.0
p-Cymene (p-Isopropyltoluene)	Ave	2.590	2.598		50.1	50.0	0.3	30.0
1,4-Dichlorobenzene	Ave	1.562	1.574		50.4	50.0	0.7	30.0
Dicyclopentadiene	Ave	3.215	3.245		50.5	50.0	0.9	30.0
Benzyl chloride	Ave	1.203	1.068		44.4	50.0	-11.2	30.0
1,2-Dichlorobenzene	Ave	1.445	1.448		50.1	50.0	0.2	30.0
n-Butylbenzene	Ave	2.339	2.322		49.6	50.0	-0.7	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.1383	0.1339		48.4	50.0	-3.2	30.0
1,2,4-Trichlorobenzene	Ave	0.9250	0.8936		49.2	50.0	-3.4	30.0
Hexachlorobutadiene	Ave	0.4285	0.4341		50.7	50.0	1.3	30.0
Naphthalene	Ave	1.787	1.735		48.5	50.0	-2.9	30.0
1,2,3-Trichlorobenzene	Ave	0.7507	0.7170		47.8	50.0	-4.5	30.0
2-Methylnaphthalene	Ave	0.4616	0.4438		48.0	50.0	-3.8	30.0
1-Methylnaphthalene	Ave	0.3077	0.2917		47.3	50.0	-5.2	30.0
Dibromofluoromethane (Surr)	Ave	0.4995	0.5071		50.8	50.0	1.5	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3831	0.3837		50.1	50.0	0.2	30.0
Toluene-d8 (Surr)	Ave	1.306	1.300		49.8	50.0	-0.5	30.0
4-Bromofluorobenzene (Surr)	Ave	0.8796	0.8741		49.7	50.0	-0.6	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Lab Sample ID: CCVIS 860-233238/2 Calibration Date: 05/02/2025 18:51

Instrument ID: A325 Calib Start Date: 04/24/2025 17:22

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 04/24/2025 20:05

Lab File ID: A05022534.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		0.2673		113	50.0	125.2*	20.0
Dichlorodifluoromethane	Lin1		0.3360		52.9	50.0	5.8	20.0
Chloromethane	Ave	0.6917	0.6032		43.6	50.0	-12.8	20.0
Vinyl chloride	Ave	0.4750	0.4906		51.7	50.0	3.3	20.0
1,3-Butadiene	Lin1		0.4227		48.1	50.0	-3.9	20.0
Ethylene oxide	Qua		0.0550		516	500	3.2	20.0
Bromomethane	Ave	0.2951	0.4067		68.9	50.0	37.8*	20.0
Chloroethane	Ave	0.2751	0.3066		55.7	50.0	11.5	20.0
Dichlorofluoromethane	Ave	0.8703	0.9146		52.6	50.0	5.1	20.0
Trichlorofluoromethane	Ave	0.6416	0.6957		54.2	50.0	8.4	20.0
Diethyl ether	Ave	0.3907	0.3631		46.5	50.0	-7.1	20.0
Isopropyl alcohol	Ave	0.0301	0.0246		409	500	-18.2	20.0
Acrolein	Ave	0.0565	0.0502		222	250	-11.2	20.0
1,1-Dichloroethene	Ave	0.7160	0.6780		47.4	50.0	-5.3	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Lin1		0.3755		46.7	50.0	-6.7	20.0
Acetone	Ave	0.0492	0.0420		214	250	-14.6	20.0
Iodomethane (Methyl Iodide)	Qua		0.3103		52.3	50.0	4.6	20.0
Carbon disulfide	Ave	1.334	1.207		45.2	50.0	-9.5	20.0
Acetonitrile	Ave	0.1298	0.1164		449	500	-10.3	20.0
Allyl Chloride (3-Chloropropene)	Ave	1.298	1.164		44.9	50.0	-10.3	20.0
Methyl acetate	Ave	0.4080	0.3522		86.3	100	-13.7	20.0
Methylene Chloride	Ave	0.5139	0.4629		45.0	50.0	-9.9	20.0
tert-Butyl alcohol	Ave	0.0564	0.0482		427	500	-14.6	20.0
trans-1,2-Dichloroethene	Ave	0.4658	0.4379		47.0	50.0	-6.0	20.0
Acrylonitrile	Ave	0.2183	0.1917		439	500	-12.2	20.0
MTBE	Ave	1.368	1.241		45.4	50.0	-9.3	20.0
n-Hexane	Ave	0.5724	0.5723		50.0	50.0	-0.0	20.0
1,1-Dichloroethane	Ave	0.8873	0.7999		45.1	50.0	-9.8	20.0
Chloroprene	Ave	0.7254	0.7432		51.2	50.0	2.5	20.0
Vinyl acetate	Ave	1.036	0.9668		233	250	-6.7	20.0
Isopropyl ether	Ave	1.595	1.555		48.8	50.0	-2.5	20.0
Ethyl tert-butyl ether	Ave	1.656	1.491		45.0	50.0	-10.0	20.0
2,2-Dichloropropane	Ave	0.6204	0.6060		48.8	50.0	-2.3	20.0
cis-1,2-Dichloroethene	Ave	0.7846	0.7030		44.8	50.0	-10.4	20.0
2-Butanone	Ave	0.1743	0.1650		237	250	-5.3	20.0
Ethyl acetate	Ave	0.5947	0.5271		88.6	100	-11.4	20.0
Propane Nitrile (Propionitrile)	Ave	0.0736	0.0758		515	500	2.9	20.0
Bromochloromethane	Ave	0.4528	0.4282		47.3	50.0	-5.4	20.0
Methacrylonitrile	Ave	0.2143	0.2146		501	500	0.1	20.0

FORM VII 8260D

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Lab Sample ID: CCVIS 860-233238/2 Calibration Date: 05/02/2025 18:51

Instrument ID: A325 Calib Start Date: 04/24/2025 17:22

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 04/24/2025 20:05

Lab File ID: A05022534.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	0.1567	0.1447		92.3	100	-7.7	20.0
Chloroform	Ave	0.9032	0.8645		47.9	50.0	-4.3	20.0
1,1,1-Trichloroethane	Ave	0.7442	0.7169		48.2	50.0	-3.7	20.0
Cyclohexane	Lin1		0.5607		46.6	50.0	-6.9	20.0
Carbon tetrachloride	Ave	0.6491	0.5530		42.6	50.0	-14.8	20.0
1,1-Dichloropropene	Ave	0.6359	0.5782		45.5	50.0	-9.1	20.0
Benzene	Ave	1.257	1.157		46.0	50.0	-8.0	20.0
Isobutanol	Ave	0.0131	0.0124		1170	1240	-5.6	20.0
1,2-Dichloroethane	Ave	0.5026	0.4886		48.6	50.0	-2.8	20.0
2,2,4-Trimethylpentane	Ave	0.8866	0.8887		50.1	50.0	0.2	20.0
Tert-amyl methyl ether	Ave	1.016	0.9795		48.2	50.0	-3.6	20.0
Trichloroethene	Ave	0.3471	0.3412		49.2	50.0	-1.7	20.0
n-Butanol	Ave	0.0150	0.0150		1259	1260	-0.0	20.0
Methylcyclohexane	Ave	0.9142	0.8443		46.2	50.0	-7.6	20.0
Ethyl acrylate	Lin1		0.3179		50.9	50.0	1.7	20.0
1,2-Dichloropropane	Ave	0.3634	0.3426		47.1	50.0	-5.7	20.0
Dibromomethane	Ave	0.2270	0.2227		49.1	50.0	-1.9	20.0
Methyl methacrylate	Ave	0.2661	0.2423		91.0	100	-9.0	20.0
1,4-Dioxane (P-Dioxane)	Lin1		0.0031		981	1000	-1.9	20.0
Bromodichloromethane	Ave	0.4818	0.4387		45.5	50.0	-8.9	20.0
2-Nitropropane	Ave	0.1223	0.1061		86.7	100	-13.3	20.0
2-Chloroethyl vinyl ether	Lin1		0.1633		40.8	50.0	-18.5	20.0
Epichlorohydrin	Ave	0.0302	0.0356		589	500	17.8	20.0
cis-1,3-Dichloropropene	Ave	0.5222	0.4909		47.0	50.0	-6.0	20.0
4-Methyl-2-pentanone	Ave	0.3279	0.3295		251	250	0.5	20.0
Toluene	Ave	0.8737	0.7853		44.9	50.0	-10.1	20.0
trans-1,3-Dichloropropene	Ave	0.5708	0.5049		44.2	50.0	-11.5	20.0
Ethyl methacrylate	Ave	0.4927	0.4376		44.4	50.0	-11.2	20.0
1,1,2-Trichloroethane	Ave	0.2969	0.2678		45.1	50.0	-9.8	20.0
Tetrachloroethene	Ave	0.3367	0.3112		46.2	50.0	-7.6	20.0
1,3-Dichloropropane	Ave	0.5597	0.4954		44.3	50.0	-11.5	20.0
2-Hexanone	Ave	0.2562	0.2410		235	250	-5.9	20.0
Dibromochloromethane	Ave	0.4337	0.3765		43.4	50.0	-13.2	20.0
n-Butyl acetate	Ave	0.6256	0.5432		43.4	50.0	-13.2	20.0
1,2-Dibromoethane	Ave	0.3791	0.3510		46.3	50.0	-7.4	20.0
1-Chlorohexane	Lin1		0.3511		45.6	50.0	-8.8	20.0
Chlorobenzene	Ave	1.037	0.9250		44.6	50.0	-10.8	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3897	0.3469		44.5	50.0	-11.0	20.0
Ethylbenzene	Ave	1.698	1.505		44.3	50.0	-11.4	20.0
m,p-Xylenes	Ave	1.352	1.188		43.9	50.0	-12.1	20.0
o-Xylene	Ave	1.410	1.251		44.4	50.0	-11.3	20.0

FORM VII 8260D

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Lab Sample ID: CCVIS 860-233238/2 Calibration Date: 05/02/2025 18:51

Instrument ID: A325 Calib Start Date: 04/24/2025 17:22

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 04/24/2025 20:05

Lab File ID: A05022534.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
Styrene	Ave	1.061	0.9788		46.2	50.0	-7.7	20.0
Bromoform	Ave	0.3378	0.2942		43.5	50.0	-12.9	20.0
Isopropylbenzene	Ave	1.682	1.515		45.0	50.0	-9.9	20.0
cis-1,4-Dichloro-2-butene	Lin1		0.2043		62.4	50.0	24.9*	20.0
Cyclohexanone	Ave	0.0175	0.0301		4294	2500	71.7*	20.0
Bromobenzene	Ave	0.8494	0.7740		45.6	50.0	-8.9	20.0
1,1,2,2-Tetrachloroethane	Ave	0.8264	0.7172		43.4	50.0	-13.2	20.0
1,2,3-Trichloropropane	Ave	0.9529	0.8365		43.9	50.0	-12.2	20.0
trans-1,4-Dichloro-2-butene	Lin1		0.2411		46.0	50.0	-7.9	20.0
N-Propylbenzene	Ave	3.474	3.019		43.5	50.0	-13.1	20.0
2-Chlorotoluene	Ave	2.066	1.818		44.0	50.0	-12.0	20.0
4-Ethyltoluene	Ave	2.759	2.588		46.9	50.0	-6.2	20.0
1,3,5-Trimethylbenzene	Ave	2.485	2.204		44.3	50.0	-11.3	20.0
4-Chlorotoluene	Ave	2.468	2.198		44.5	50.0	-10.9	20.0
tert-Butylbenzene	Ave	2.076	1.825		44.0	50.0	-12.1	20.0
1,2,4-Trimethylbenzene	Ave	2.517	2.226		44.2	50.0	-11.5	20.0
sec-Butylbenzene	Ave	3.003	2.672		44.5	50.0	-11.0	20.0
1,3-Dichlorobenzene	Ave	1.509	1.359		45.0	50.0	-9.9	20.0
p-Cymene (p-Isopropyltoluene)	Ave	2.590	2.330		45.0	50.0	-10.0	20.0
1,4-Dichlorobenzene	Ave	1.562	1.443		46.2	50.0	-7.6	20.0
Dicyclopentadiene	Ave	3.215	3.055		47.5	50.0	-5.0	20.0
Benzyl chloride	Ave	1.203	1.066		44.3	50.0	-11.4	20.0
1,2-Dichlorobenzene	Ave	1.445	1.347		46.6	50.0	-6.8	20.0
n-Butylbenzene	Ave	2.339	2.112		45.2	50.0	-9.7	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1383	0.1189		43.0	50.0	-14.1	20.0
1,2,4-Trichlorobenzene	Ave	0.9250	0.8545		46.2	50.0	-7.6	20.0
Hexachlorobutadiene	Ave	0.4285	0.4081		47.6	50.0	-4.8	20.0
Naphthalene	Ave	1.787	1.713		47.9	50.0	-4.2	20.0
1,2,3-Trichlorobenzene	Ave	0.7507	0.7310		48.7	50.0	-2.6	20.0
2-Methylnaphthalene	Ave	0.4616	0.6301		68.3	50.0	36.5*	20.0
1-Methylnaphthalene	Ave	0.3077	0.4369		71.0	50.0	42.0*	20.0
Dibromofluoromethane (Surr)	Ave	0.4995	0.4970		49.8	50.0	-0.5	
1,2-Dichloroethane-d4 (Surr)	Ave	0.3831	0.4164		54.4	50.0	8.7	
Toluene-d8 (Surr)	Ave	1.306	1.263		48.3	50.0	-3.3	
4-Bromofluorobenzene (Surr)	Ave	0.8796	0.8630		49.1	50.0	-1.9	

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Lab Sample ID: ICV 860-232019/13 Calibration Date: 04/28/2025 20:33

Instrument ID: A45 Calib Start Date: 04/22/2025 13:37

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 04/22/2025 16:21

Lab File ID: A042825025.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
n-Butyl acetate	Qua		0.8344		1.57	50.0	-100.0*	30.0
1,3-Butadiene	Ave	0.3506			0.568	50.0		
Isobutanol	Ave				17.1	1240		

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Lab Sample ID: ICV 860-232019/13 Calibration Date: 04/28/2025 20:33

Instrument ID: A45 Calib Start Date: 04/28/2025 16:48

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 04/28/2025 19:32

Lab File ID: A042825025.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	0.5221	0.4007		38.4	50.0	-23.2	30.0
Chloromethane	Ave	1.356	1.280		47.2	50.0	-5.6	30.0
Vinyl chloride	Ave	0.5651	0.5661		50.1	50.0	0.2	30.0
Ethylene oxide	Ave	0.0750	0.0781		521	500	4.1	30.0
Bromomethane	Ave	0.3459	0.3620		52.3	50.0	4.7	30.0
Chloroethane	Ave	0.3462	0.3434		49.6	50.0	-0.8	30.0
Dichlorofluoromethane	Ave	0.996	0.996		50.0	50.0	0.0	30.0
Trichlorofluoromethane	Ave	0.1545	0.1378		44.6	50.0	-10.8	30.0
Diethyl ether	Ave	0.1834	0.1579		43.1	50.0	-13.9	30.0
Acrolein	Ave	0.0238	0.0207		217	250	-13.2	30.0
1,1-Dichloroethene	Ave	0.1112	0.1229		55.2	50.0	10.5	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1068	0.1030		48.2	50.0	-3.6	30.0
Acetone	Ave	0.0216	0.0202		233	250	-6.8	30.0
Iodomethane (Methyl Iodide)	Ave	0.5458	0.5283		48.4	50.0	-3.2	30.0
Carbon disulfide	Ave	0.4848	0.5161		53.2	50.0	6.5	30.0
Isopropyl alcohol	Ave	0.0172	0.0126		366	500	-26.9	30.0
Acetonitrile	Ave	0.0257	0.0246		478	500	-4.3	30.0
Allyl Chloride (3-Chloropropene)	Ave	0.0809	0.0894		55.2	50.0	10.4	30.0
Methyl acetate	Ave	0.1607	0.1637		102	100	1.9	30.0
Methylene Chloride	Ave	0.4017	0.3963		49.3	50.0	-1.4	30.0
tert-Butyl alcohol	Qua		0.0260		479	500	-4.2	30.0
Acrylonitrile	Ave	0.1104	0.0967		438	500	-12.4	30.0
trans-1,2-Dichloroethene	Ave	0.1605	0.1830		57.0	50.0	14.0	30.0
MTBE	Ave	0.8815	0.8586		48.7	50.0	-2.6	30.0
n-Hexane	Ave	0.6043	0.5470		45.3	50.0	-9.5	30.0
1,1-Dichloroethane	Ave	0.4146	0.4292		51.8	50.0	3.5	30.0
Vinyl acetate	Ave	0.8958	0.7405		207	250	-17.3	30.0
Chloroprene	Ave	0.7734	0.8049		52.0	50.0	4.1	30.0
Isopropyl ether	Ave	1.879	1.962		52.2	50.0	4.4	30.0
Ethyl tert-butyl ether	Ave	1.856	1.899		51.2	50.0	2.4	30.0
2,2-Dichloropropane	Ave	0.4988	0.4198		42.1	50.0	-15.8	30.0
cis-1,2-Dichloroethene	Ave	0.4904	0.5099		52.0	50.0	4.0	30.0
2-Butanone	Ave	0.0438	0.0369		211	250	-15.7	30.0
Propane Nitrile (Propionitrile)	Ave	0.0620	0.0540		435	500	-13.0	30.0
Ethyl acetate	Ave	0.6419	0.5483		85.4	100	-14.6	30.0
Methacrylonitrile	Ave	0.1787	0.1701		476	500	-4.8	30.0
Bromochloromethane	Ave	0.1363	0.1381		50.7	50.0	1.4	30.0
Tetrahydrofuran	Ave	0.1188	0.1197		101	100	0.8	30.0
Chloroform	Ave	0.4945	0.4760		48.1	50.0	-3.7	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Lab Sample ID: ICV 860-232019/13 Calibration Date: 04/28/2025 20:33

Instrument ID: A45 Calib Start Date: 04/28/2025 16:48

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 04/28/2025 19:32

Lab File ID: A042825025.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1,1-Trichloroethane	Ave	0.5789	0.5058		43.7	50.0	-12.6	30.0
Cyclohexane	Ave	0.4908	0.4338		44.2	50.0	-11.6	30.0
1,1-Dichloropropene	Ave	0.6257	0.6191		49.5	50.0	-1.0	30.0
Carbon tetrachloride	Ave	0.4589	0.4142		45.1	50.0	-9.7	30.0
Benzene	Ave	1.625	1.707		52.5	50.0	5.0	30.0
1,2-Dichloroethane	Ave	0.4926	0.4430		45.0	50.0	-10.1	30.0
2,2,4-Trimethylpentane	Ave	3.662	3.771		51.5	50.0	3.0	30.0
n-Butanol	Ave	0.0235	0.0224		1202	1260	-4.6	30.0
Tert-amyl methyl ether	Ave	1.077	1.122		52.1	50.0	4.1	30.0
Trichloroethene	Ave	0.3209	0.3434		53.5	50.0	7.0	30.0
Ethyl acrylate	Ave	1.821	1.867		51.3	50.0	2.6	30.0
Methylcyclohexane	Ave	0.5749	0.5752		50.0	50.0	0.0	30.0
1,2-Dichloropropane	Ave	0.4246	0.4291		50.5	50.0	1.1	30.0
Dibromomethane	Lin1		0.1479		54.0	50.0	8.1	30.0
Methyl methacrylate	Ave	0.3024	0.3086		102	100	2.1	30.0
1,4-Dioxane (P-Dioxane)	Ave	0.0031	0.0033		1056	1000	5.6	30.0
Bromodichloromethane	Ave	0.3890	0.3596		46.2	50.0	-7.6	30.0
2-Chloroethyl vinyl ether	Qua		0.2695		52.7	50.0	5.5	30.0
2-Nitropropane	Qua		0.1124		105	100	4.6	30.0
Epichlorohydrin	Lin1		0.0384		467	500	-6.8	30.0
cis-1,3-Dichloropropene	Ave	0.5187	0.5505		53.1	50.0	6.1	30.0
4-Methyl-2-pentanone	Ave	0.5329	0.5220		245	250	-2.0	30.0
Toluene	Ave	1.384	1.435		51.8	50.0	3.7	30.0
trans-1,3-Dichloropropene	Ave	0.5897	0.6076		51.5	50.0	3.0	30.0
Ethyl methacrylate	Ave	0.5459	0.6221		57.0	50.0	14.0	30.0
1,1,2-Trichloroethane	Ave	0.2813	0.2628		46.7	50.0	-6.6	30.0
Tetrachloroethene	Ave	0.3978	0.4235		53.2	50.0	6.5	30.0
1,3-Dichloropropane	Ave	0.6580	0.6417		48.8	50.0	-2.5	30.0
2-Hexanone	Ave	0.3697	0.3623		245	250	-2.0	30.0
Dibromochloromethane	Ave	0.3369	0.3290		48.8	50.0	-2.3	30.0
1,2-Dibromoethane	Ave	0.3317	0.3440		51.9	50.0	3.7	30.0
1-Chlorohexane	Ave	0.7416	0.7585		51.1	50.0	2.3	30.0
Chlorobenzene	Ave	1.400	1.475		52.7	50.0	5.4	30.0
1,1,1,2-Tetrachloroethane	Ave	0.4122	0.4125		50.0	50.0	0.0	30.0
Ethylbenzene	Ave	2.794	2.993		53.6	50.0	7.1	30.0
m,p-Xylenes	Ave	2.252	2.421		53.8	50.0	7.5	30.0
o-Xylene	Ave	2.250	2.491		55.3	50.0	10.7	30.0
Styrene	Ave	1.433	1.661		58.0	50.0	15.9	30.0
Bromoform	Ave	0.2000	0.2137		53.4	50.0	6.8	30.0
Isopropylbenzene	Ave	2.474	2.816		56.9	50.0	13.8	30.0
cis-1,4-Dichloro-2-butene	Qua		0.1174		53.3	50.5	5.6	30.0

FORM VII 8260D

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Lab Sample ID: ICV 860-232019/13 Calibration Date: 04/28/2025 20:33

Instrument ID: A45 Calib Start Date: 04/28/2025 16:48

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 04/28/2025 19:32

Lab File ID: A042825025.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
Cyclohexanone	Ave	0.0148	0.0132		2239	2500	-10.5	30.0
1,1,2,2-Tetrachloroethane	Ave	0.9611	0.9062		47.1	50.0	-5.7	30.0
Bromobenzene	Ave	1.164	1.265		54.4	50.0	8.7	30.0
1,2,3-Trichloropropane	Ave	1.228	1.280		52.1	50.0	4.2	30.0
trans-1,4-Dichloro-2-butene	Ave	0.3767	0.3743		49.7	50.0	-0.6	30.0
N-Propylbenzene	Ave	6.194	7.305		59.0	50.0	17.9	30.0
2-Chlorotoluene	Ave	4.073	4.595		56.4	50.0	12.8	30.0
1,3,5-Trimethylbenzene	Ave	5.153	6.040		58.6	50.0	17.2	30.0
4-Ethyltoluene	Ave	4.290	4.821		56.2	50.0	12.4	30.0
4-Chlorotoluene	Ave	4.495	5.179		57.6	50.0	15.2	30.0
tert-Butylbenzene	Ave	3.465	4.055		58.5	50.0	17.0	30.0
1,2,4-Trimethylbenzene	Ave	4.010	4.581		57.1	50.0	14.3	30.0
sec-Butylbenzene	Ave	5.094	5.854		57.5	50.0	14.9	30.0
1,3-Dichlorobenzene	Ave	2.115	2.278		53.9	50.0	7.7	30.0
p-Cymene (p-Isopropyltoluene)	Ave	3.896	4.501		57.8	50.0	15.5	30.0
1,4-Dichlorobenzene	Ave	2.246	2.326		51.8	50.0	3.6	30.0
Dicyclopentadiene	Ave	5.348	5.930		55.4	50.0	10.9	30.0
Benzyl chloride	Qua		0.1728		52.4	50.0	4.7	30.0
1,2-Dichlorobenzene	Ave	2.090	2.116		50.6	50.0	1.2	30.0
n-Butylbenzene	Ave	3.674	4.097		55.8	50.0	11.5	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.1962	0.1872		47.7	50.0	-4.6	30.0
1,2,4-Trichlorobenzene	Ave	1.644	1.733		52.7	50.0	5.4	30.0
Hexachlorobutadiene	Ave	0.8322	0.8667		52.1	50.0	4.1	30.0
Naphthalene	Ave	3.256	3.677		56.5	50.0	12.9	30.0
1,2,3-Trichlorobenzene	Ave	1.448	1.504		51.9	50.0	3.9	30.0
2-Methylnaphthalene	Ave	1.228	1.420		57.8	50.0	15.6	30.0
1-Methylnaphthalene	Ave	1.022	1.145		56.0	50.0	12.0	30.0
Dibromofluoromethane (Surr)	Ave	0.1783	0.1671		46.9	50.0	-6.3	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2851	0.2451		43.0	50.0	-14.0	30.0
Toluene-d8 (Surr)	Ave	1.425	1.429		50.2	50.0	0.3	30.0
4-Bromofluorobenzene (Surr)	Ave	1.095	1.128		51.5	50.0	3.1	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Lab Sample ID: CCVIS 860-233009/2 Calibration Date: 05/01/2025 20:44

Instrument ID: A45 Calib Start Date: 04/22/2025 13:37

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 04/22/2025 16:21

Lab File ID: A05012535.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3-Butadiene	Ave	0.3506	0.1358		0.568	50.0	-61.3*	20.0
Isobutanol	Ave		0.0231		17.1	1240	8.0	20.0
n-Butyl acetate	Qua		0.9271		1.57	50.0	-100.0*	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Lab Sample ID: CCVIS 860-233009/2 Calibration Date: 05/01/2025 20:44

Instrument ID: A45 Calib Start Date: 04/28/2025 16:48

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 04/28/2025 19:32

Lab File ID: A05012535.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propene	Ave	0.5821	0.4803		41.3	50.0	-17.5	20.0
Dichlorodifluoromethane	Ave	0.5221	0.9054		86.7	50.0	73.4*	20.0
Chloromethane	Ave	1.356	1.925		71.0	50.0	42.0*	20.0
Vinyl chloride	Ave	0.5651	0.6285		55.6	50.0	11.2	20.0
Ethylene oxide	Ave	0.0750	0.0767		511	500	2.3	20.0
Bromomethane	Ave	0.3459	0.3767		54.5	50.0	8.9	20.0
Chloroethane	Ave	0.3462	0.3688		53.3	50.0	6.5	20.0
Dichlorofluoromethane	Ave	0.996	1.233		61.9	50.0	23.8*	20.0
Trichlorofluoromethane	Ave	0.1545	0.1589		51.4	50.0	2.8	20.0
Diethyl ether	Ave	0.1834	0.2177		59.4	50.0	18.7	20.0
Acrolein	Ave	0.0238	0.0253		265	250	6.2	20.0
1,1-Dichloroethene	Ave	0.1112	0.1123		50.5	50.0	1.0	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1068	0.1060		49.7	50.0	-0.7	20.0
Acetone	Ave	0.0216	0.0198		228	250	-8.7	20.0
Iodomethane (Methyl Iodide)	Ave	0.5458	0.5920		54.2	50.0	8.5	20.0
Carbon disulfide	Ave	0.4848	0.4624		47.7	50.0	-4.6	20.0
Isopropyl alcohol	Ave	0.0172	0.0222		645	500	29.1*	20.0
Acetonitrile	Ave	0.0257	0.0302		586	500	17.2	20.0
Allyl Chloride (3-Chloropropene)	Ave	0.0809	0.0915		56.5	50.0	13.0	20.0
Methyl acetate	Ave	0.1607	0.1599		99.5	100	-0.5	20.0
Methylene Chloride	Ave	0.4017	0.3720		46.3	50.0	-7.4	20.0
tert-Butyl alcohol	Qua		0.0356		600	500	19.9	20.0
Acrylonitrile	Ave	0.1104	0.0940		426	500	-14.8	20.0
trans-1,2-Dichloroethene	Ave	0.1605	0.1734		54.0	50.0	8.0	20.0
MTBE	Ave	0.8815	0.8032		45.6	50.0	-8.9	20.0
n-Hexane	Ave	0.6043	0.5587		46.2	50.0	-7.5	20.0
1,1-Dichloroethane	Ave	0.4146	0.3799		45.8	50.0	-8.4	20.0
Vinyl acetate	Ave	0.8958	0.8138		227	250	-9.2	20.0
Chloroprene	Ave	0.7734	0.7785		50.3	50.0	0.7	20.0
Isopropyl ether	Ave	1.879	1.686		44.9	50.0	-10.3	20.0
Ethyl tert-butyl ether	Ave	1.856	1.636		44.1	50.0	-11.8	20.0
2,2-Dichloropropane	Ave	0.4988	0.4286		43.0	50.0	-14.1	20.0
cis-1,2-Dichloroethene	Ave	0.4904	0.4700		47.9	50.0	-4.2	20.0
2-Butanone	Ave	0.0438	0.0371		212	250	-15.1	20.0
Propane Nitrile (Propionitrile)	Ave	0.0620	0.0609		491	500	-1.9	20.0
Ethyl acetate	Ave	0.6419	0.5865		91.4	100	-8.6	20.0
Methacrylonitrile	Ave	0.1787	0.1625		455	500	-9.1	20.0
Bromochloromethane	Ave	0.1363	0.1160		42.6	50.0	-14.8	20.0
Tetrahydrofuran	Ave	0.1188	0.1050		88.4	100	-11.6	20.0

FORM VII 8260D

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Lab Sample ID: CCVIS 860-233009/2 Calibration Date: 05/01/2025 20:44

Instrument ID: A45 Calib Start Date: 04/28/2025 16:48

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 04/28/2025 19:32

Lab File ID: A05012535.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	0.4945	0.4706		47.6	50.0	-4.8	20.0
1,1,1-Trichloroethane	Ave	0.5789	0.5060		43.7	50.0	-12.6	20.0
Cyclohexane	Ave	0.4908	0.3999		40.7	50.0	-18.5	20.0
1,1-Dichloropropene	Ave	0.6257	0.5921		47.3	50.0	-5.4	20.0
Carbon tetrachloride	Ave	0.4589	0.4161		45.3	50.0	-9.3	20.0
Benzene	Ave	1.625	1.707		52.5	50.0	5.0	20.0
1,2-Dichloroethane	Ave	0.4926	0.4958		50.3	50.0	0.6	20.0
n-Butanol	Ave	0.0235	0.0252		1351	1260	7.2	20.0
2,2,4-Trimethylpentane	Ave	3.662	3.507		47.9	50.0	-4.2	20.0
Tert-amyl methyl ether	Ave	1.077	1.078		50.0	50.0	0.0	20.0
Trichloroethene	Ave	0.3209	0.3312		51.6	50.0	3.2	20.0
Ethyl acrylate	Ave	1.821	1.681		46.2	50.0	-7.7	20.0
Methylcyclohexane	Ave	0.5749	0.6029		52.4	50.0	4.9	20.0
1,2-Dichloropropane	Ave	0.4246	0.4121		48.5	50.0	-2.9	20.0
Dibromomethane	Lin1		0.1511		55.2	50.0	10.4	20.0
1,4-Dioxane (P-Dioxane)	Ave	0.0031	0.0054		1743	1000	74.3*	20.0
Methyl methacrylate	Ave	0.3024	0.3011		99.5	100	-0.5	20.0
Bromodichloromethane	Ave	0.3890	0.3654		47.0	50.0	-6.1	20.0
2-Chloroethyl vinyl ether	Qua		0.2659		52.2	50.0	4.3	20.0
2-Nitropropane	Qua		0.1033		97.4	100	-2.6	20.0
Epichlorohydrin	Lin1		0.0407		492	500	-1.6	20.0
cis-1,3-Dichloropropene	Ave	0.5187	0.5308		51.2	50.0	2.3	20.0
4-Methyl-2-pentanone	Ave	0.5329	0.5619		264	250	5.4	20.0
Toluene	Ave	1.384	1.407		50.8	50.0	1.6	20.0
trans-1,3-Dichloropropene	Ave	0.5897	0.5461		46.3	50.0	-7.4	20.0
Ethyl methacrylate	Ave	0.5459	0.5400		49.5	50.0	-1.1	20.0
1,1,2-Trichloroethane	Ave	0.2813	0.2424		43.1	50.0	-13.8	20.0
Tetrachloroethene	Ave	0.3978	0.4099		51.5	50.0	3.0	20.0
1,3-Dichloropropane	Ave	0.6580	0.5951		45.2	50.0	-9.6	20.0
2-Hexanone	Ave	0.3697	0.3599		243	250	-2.6	20.0
Dibromochloromethane	Ave	0.3369	0.3032		45.0	50.0	-10.0	20.0
1,2-Dibromoethane	Ave	0.3317	0.3281		49.5	50.0	-1.1	20.0
1-Chlorohexane	Ave	0.7416	0.7924		53.4	50.0	6.8	20.0
Chlorobenzene	Ave	1.400	1.458		52.1	50.0	4.2	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4122	0.3978		48.3	50.0	-3.5	20.0
Ethylbenzene	Ave	2.794	3.076		55.0	50.0	10.1	20.0
m,p-Xylenes	Ave	2.252	2.571		57.1	50.0	14.2	20.0
o-Xylene	Ave	2.250	2.604		57.9	50.0	15.7	20.0
Styrene	Ave	1.433	1.697		59.2	50.0	18.4	20.0
Bromoform	Ave	0.2000	0.2156		53.9	50.0	7.8	20.0
Isopropylbenzene	Ave	2.474	2.907		58.8	50.0	17.5	20.0

FORM VII 8260D

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Lab Sample ID: CCVIS 860-233009/2 Calibration Date: 05/01/2025 20:44

Instrument ID: A45 Calib Start Date: 04/28/2025 16:48

GC Column: DB-624 ID: 0.25(mm) Calib End Date: 04/28/2025 19:32

Lab File ID: A05012535.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		0.1180		53.1	50.0	6.3	20.0
Cyclohexanone	Ave	0.0148	0.0353		5968	2500	138.7*	20.0
1,1,2,2-Tetrachloroethane	Ave	0.9611	0.9053		47.1	50.0	-5.8	20.0
Bromobenzene	Ave	1.164	1.229		52.8	50.0	5.6	20.0
1,2,3-Trichloropropane	Ave	1.228	1.234		50.2	50.0	0.5	20.0
trans-1,4-Dichloro-2-butene	Ave	0.3767	0.3907		51.9	50.0	3.7	20.0
N-Propylbenzene	Ave	6.194	7.221		58.3	50.0	16.6	20.0
2-Chlorotoluene	Ave	4.073	4.512		55.4	50.0	10.8	20.0
1,3,5-Trimethylbenzene	Ave	5.153	5.943		57.7	50.0	15.3	20.0
4-Chlorotoluene	Ave	4.495	4.981		55.4	50.0	10.8	20.0
4-Ethyltoluene	Ave	4.290	4.794		55.9	50.0	11.7	20.0
tert-Butylbenzene	Ave	3.465	3.967		57.2	50.0	14.5	20.0
1,2,4-Trimethylbenzene	Ave	4.010	4.458		55.6	50.0	11.2	20.0
sec-Butylbenzene	Ave	5.094	5.805		57.0	50.0	14.0	20.0
1,3-Dichlorobenzene	Ave	2.115	2.204		52.1	50.0	4.2	20.0
p-Cymene (p-Isopropyltoluene)	Ave	3.896	4.374		56.1	50.0	12.3	20.0
1,4-Dichlorobenzene	Ave	2.246	2.263		50.4	50.0	0.8	20.0
Dicyclopentadiene	Ave	5.348	5.297		49.5	50.0	-1.0	20.0
Benzyl chloride	Qua		0.1865		55.3	50.0	10.6	20.0
1,2-Dichlorobenzene	Ave	2.090	2.042		48.9	50.0	-2.3	20.0
n-Butylbenzene	Ave	3.674	3.989		54.3	50.0	8.6	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1962	0.1761		44.9	50.0	-10.2	20.0
1,2,4-Trichlorobenzene	Ave	1.644	1.613		49.1	50.0	-1.9	20.0
Hexachlorobutadiene	Ave	0.8322	0.8327		50.0	50.0	0.0	20.0
Naphthalene	Ave	3.256	3.580		55.0	50.0	10.0	20.0
1,2,3-Trichlorobenzene	Ave	1.448	1.461		50.5	50.0	0.9	20.0
2-Methylnaphthalene	Ave	1.228	1.326		54.0	50.0	8.0	20.0
1-Methylnaphthalene	Ave	1.022	1.124		55.0	50.0	10.0	20.0
Dibromofluoromethane (Surr)	Ave	0.1783	0.1613		45.3	50.0	-9.5	
1,2-Dichloroethane-d4 (Surr)	Ave	0.2851	0.2769		48.6	50.0	-2.9	
Toluene-d8 (Surr)	Ave	1.425	1.390		48.8	50.0	-2.5	
4-Bromofluorobenzene (Surr)	Ave	1.095	1.139		52.0	50.0	4.0	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 860-233009/10

Matrix: Water Lab File ID: A05012545.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 05/02/2025 00:10

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:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 233009 Units: mg/L

Preparation Batch No.: Instrument ID: A45

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	0.000460	U	0.00100	0.000460
91-20-3	Naphthalene	0.00135	U	0.0100	0.00135
127-18-4	Tetrachloroethene	0.000655	U	0.00100	0.000655

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	132		63-144
460-00-4	4-Bromofluorobenzene (Surr)	100		74-124
1868-53-7	Dibromofluoromethane (Surr)	111		75-131
2037-26-5	Toluene-d8 (Surr)	96		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 860-233238/9

Matrix: Water Lab File ID: A05022542.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 05/02/2025 21:35

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.: 233238 Units: mg/L

Preparation Batch No.: Instrument ID: A325

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	0.000460	U	0.00100	0.000460
91-20-3	Naphthalene	0.00135	U	0.0100	0.00135
127-18-4	Tetrachloroethene	0.000655	U	0.00100	0.000655

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		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		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 860-233009/3

Matrix: Water Lab File ID: A05012538.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 05/01/2025 21:46

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.: 233009 Units: mg/L

Preparation Batch No.: Instrument ID: A45

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.05005		0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.05337		0.00100	0.000738
71-43-2	Benzene	0.04890		0.00100	0.000460
91-20-3	Naphthalene	0.05353		0.0100	0.00135
127-18-4	Tetrachloroethene	0.05065		0.00100	0.000655

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		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		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 860-233238/3

Matrix: Water Lab File ID: A05022536.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 05/02/2025 19:32

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:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 233238 Units: mg/L

Preparation Batch No.: Instrument ID: A325

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.04625		0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.04556		0.00100	0.000738
71-43-2	Benzene	0.04573		0.00100	0.000460
91-20-3	Naphthalene	0.04410		0.0100	0.00135
127-18-4	Tetrachloroethene	0.04596		0.00100	0.000655

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		63-144
460-00-4	4-Bromofluorobenzene (Surr)	99		74-124
1868-53-7	Dibromofluoromethane (Surr)	103		75-131
2037-26-5	Toluene-d8 (Surr)	97		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 860-233009/4

Matrix: Water Lab File ID: A05012539.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 05/01/2025 22:06

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:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 233009 Units: mg/L

Preparation Batch No.: Instrument ID: A45

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.05044		0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.05285		0.00100	0.000738
71-43-2	Benzene	0.05053		0.00100	0.000460
91-20-3	Naphthalene	0.05616		0.0100	0.00135
127-18-4	Tetrachloroethene	0.05288		0.00100	0.000655

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		63-144
460-00-4	4-Bromofluorobenzene (Surr)	105		74-124
1868-53-7	Dibromofluoromethane (Surr)	99		75-131
2037-26-5	Toluene-d8 (Surr)	101		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 860-233238/4

Matrix: Water Lab File ID: A05022537.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 05/02/2025 19:53

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:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 233238 Units: mg/L

Preparation Batch No.: Instrument ID: A325

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.04727		0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.04584		0.00100	0.000738
71-43-2	Benzene	0.04715		0.00100	0.000460
91-20-3	Naphthalene	0.04449		0.0100	0.00135
127-18-4	Tetrachloroethene	0.04569		0.00100	0.000655

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		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)	98		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Client Sample ID: Artesia-MW38-0425 MS Lab Sample ID: 860-99120-2 MS

Matrix: Water Lab File ID: A05022538.D

Analysis Method: 8260D Date Collected: 04/22/2025 15:20

Sample wt/vol: 5(mL) Date Analyzed: 05/02/2025 20:13

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:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 233238 Units: mg/L

Preparation Batch No.: Instrument ID: A325

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.07764		0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.04942		0.00100	0.000738
71-43-2	Benzene	0.05002		0.00100	0.000460
91-20-3	Naphthalene	0.05247		0.0100	0.00135
127-18-4	Tetrachloroethene	0.05030		0.00100	0.000655

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		63-144
460-00-4	4-Bromofluorobenzene (Surr)	96		74-124
1868-53-7	Dibromofluoromethane (Surr)	102		75-131
2037-26-5	Toluene-d8 (Surr)	98		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Client Sample ID: Artesia-MW11-0425 MS Lab Sample ID: 860-99120-7 MS

Matrix: Water Lab File ID: A05012540.D

Analysis Method: 8260D Date Collected: 04/22/2025 14:00

Sample wt/vol: 5(mL) Date Analyzed: 05/01/2025 22:27

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.: 233009 Units: mg/L

Preparation Batch No.: Instrument ID: A45

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.04629		0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.04885		0.00100	0.000738
71-43-2	Benzene	0.05056		0.00100	0.000460
91-20-3	Naphthalene	0.05711		0.0100	0.00135
127-18-4	Tetrachloroethene	0.04745		0.00100	0.000655

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		63-144
460-00-4	4-Bromofluorobenzene (Surr)	108		74-124
1868-53-7	Dibromofluoromethane (Surr)	91		75-131
2037-26-5	Toluene-d8 (Surr)	97		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Client Sample ID: Artesia-MW11-0425 MSD Lab Sample ID: 860-99120-7 MSD

Matrix: Water Lab File ID: A05012541.D

Analysis Method: 8260D Date Collected: 04/22/2025 14:00

Sample wt/vol: 5(mL) Date Analyzed: 05/01/2025 22:47

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.: 233009 Units: mg/L

Preparation Batch No.: Instrument ID: A45

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.04325		0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.04669		0.00100	0.000738
71-43-2	Benzene	0.05064		0.00100	0.000460
91-20-3	Naphthalene	0.05457		0.0100	0.00135
127-18-4	Tetrachloroethene	0.04978		0.00100	0.000655

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	86		63-144
460-00-4	4-Bromofluorobenzene (Surr)	105		74-124
1868-53-7	Dibromofluoromethane (Surr)	79		75-131
2037-26-5	Toluene-d8 (Surr)	97		80-120

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Instrument ID: A325 Start Date: 04/24/2025 17:01

Analysis Batch Number: 231384 End Date: 04/24/2025 21:07

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 860-231384/1		04/24/2025 17:01	1	A042425004.D	DB-624 0.25(mm)
IC 860-231384/2		04/24/2025 17:22	1	A042425005.D	DB-624 0.25(mm)
IC 860-231384/3		04/24/2025 17:42	1	A042425006.D	DB-624 0.25(mm)
IC 860-231384/4		04/24/2025 18:03	1	A042425007.D	DB-624 0.25(mm)
IC 860-231384/5		04/24/2025 18:23	1	A042425008.D	DB-624 0.25(mm)
ICIS 860-231384/6		04/24/2025 18:44	1	A042425009.D	DB-624 0.25(mm)
IC 860-231384/7		04/24/2025 19:04	1	A042425010.D	DB-624 0.25(mm)
IC 860-231384/8		04/24/2025 19:24	1	A042425011.D	DB-624 0.25(mm)
IC 860-231384/9		04/24/2025 19:45	1	A042425012.D	DB-624 0.25(mm)
IC 860-231384/10		04/24/2025 20:05	1	A042425013.D	DB-624 0.25(mm)
ICV 860-231384/12		04/24/2025 21:07	1	A042425016.D	DB-624 0.25(mm)
ZZZZZ (QC)		04/24/2025 21:07	1		DB-624 0.25(mm)

8260D

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Instrument ID: A325 Start Date: 05/02/2025 18:10

Analysis Batch Number: 233238 End Date: 05/03/2025 04:26

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 860-233238/1		05/02/2025 18:10	1	A05022532.D	DB-624 0.25(mm)
CCVIS 860-233238/2		05/02/2025 18:51	1	A05022534.D	DB-624 0.25(mm)
LCS 860-233238/3		05/02/2025 19:32	1	A05022536.D	DB-624 0.25(mm)
LCSD 860-233238/4		05/02/2025 19:53	1	A05022537.D	DB-624 0.25(mm)
860-99120-2 MS	Artesia-MW38-0425 MS	05/02/2025 20:13	1	A05022538.D	DB-624 0.25(mm)
MB 860-233238/9		05/02/2025 21:35	1	A05022542.D	DB-624 0.25(mm)
860-99120-20	Artesia-TB01-0425	05/02/2025 21:56	1	A05022543.D	DB-624 0.25(mm)
860-99120-1	Artesia-MW17C-0425	05/02/2025 22:16	1	A05022544.D	DB-624 0.25(mm)
860-99120-2	Artesia-MW38-0425	05/02/2025 22:37	1	A05022545.D	DB-624 0.25(mm)
860-99120-3	Artesia-MW37-0425	05/02/2025 22:57	1	A05022546.D	DB-624 0.25(mm)
860-99120-4	Artesia-MW12-0425	05/02/2025 23:18	1	A05022547.D	DB-624 0.25(mm)
860-99120-5	Artesia-MD12-0425	05/02/2025 23:38	1	A05022548.D	DB-624 0.25(mm)
860-99120-6	Artesia-MW36-0425	05/02/2025 23:59	1	A05022549.D	DB-624 0.25(mm)
860-99120-8	Artesia-TB02-0425	05/03/2025 00:19	1	A05022550.D	DB-624 0.25(mm)
860-99120-9	Artesia-MW31-0425	05/03/2025 00:40	1	A05022551.D	DB-624 0.25(mm)
860-99120-10	Artesia-MW28-0425	05/03/2025 01:00	1	A05022552.D	DB-624 0.25(mm)
860-99120-11	Artesia-MW29-0425	05/03/2025 01:21	1	A05022553.D	DB-624 0.25(mm)
860-99120-12	Artesia-MW35-0425	05/03/2025 01:42	1	A05022554.D	DB-624 0.25(mm)
860-99120-13	Artesia-MD35-0425	05/03/2025 02:02	1	A05022555.D	DB-624 0.25(mm)
860-99120-14	Artesia-MW39-0425	05/03/2025 02:23	1	A05022556.D	DB-624 0.25(mm)
860-99120-15	Artesia-MW40-0425	05/03/2025 02:43	1	A05022557.D	DB-624 0.25(mm)
860-99120-16	Artesia-MW30-0425	05/03/2025 03:04	1	A05022558.D	DB-624 0.25(mm)
860-99120-17	Artesia-Inlet-0425	05/03/2025 03:24	1	A05022559.D	DB-624 0.25(mm)
860-99120-18	Artesia-Mid-0425	05/03/2025 03:45	1	A05022560.D	DB-624 0.25(mm)
860-99120-19	Artesia-Outlet-0425	05/03/2025 04:05	1	A05022561.D	DB-624 0.25(mm)
ZZZZZ (Client)		05/03/2025 04:26	2		DB-624 0.25(mm)

8260D

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Instrument ID: A45 Start Date: 04/28/2025 16:03

Analysis Batch Number: 232019 End Date: 04/28/2025 20:54

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 860-232019/1		04/28/2025 16:03	1	A042825012.D	DB-624 0.25(mm)
IC 860-232019/2		04/28/2025 16:48	1	A042825014.D	DB-624 0.25(mm)
IC 860-232019/3		04/28/2025 17:08	1	A042825015.D	DB-624 0.25(mm)
IC 860-232019/4		04/28/2025 17:29	1	A042825016.D	DB-624 0.25(mm)
IC 860-232019/5		04/28/2025 17:49	1	A042825017.D	DB-624 0.25(mm)
ICIS 860-232019/6		04/28/2025 18:10	1	A042825018.D	DB-624 0.25(mm)
IC 860-232019/7		04/28/2025 18:30	1	A042825019.D	DB-624 0.25(mm)
IC 860-232019/8		04/28/2025 18:51	1	A042825020.D	DB-624 0.25(mm)
IC 860-232019/9		04/28/2025 19:11	1	A042825021.D	DB-624 0.25(mm)
IC 860-232019/10		04/28/2025 19:32	1	A042825022.D	DB-624 0.25(mm)
ICV 860-232019/13		04/28/2025 20:33	1	A042825025.D	DB-624 0.25(mm)
ZZZZZ (QC)		04/28/2025 20:33	1		DB-624 0.25(mm)
ZZZZZ (QC)		04/28/2025 20:54	1		DB-624 0.25(mm)

8260D

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Instrument ID: A45 Start Date: 05/01/2025 20:24

Analysis Batch Number: 233009 End Date: 05/02/2025 07:00

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 860-233009/1		05/01/2025 20:24	1	A05012534.D	DB-624 0.25(mm)
CCVIS 860-233009/2		05/01/2025 20:44	1	A05012535.D	DB-624 0.25(mm)
LCS 860-233009/3		05/01/2025 21:46	1	A05012538.D	DB-624 0.25(mm)
LCSD 860-233009/4		05/01/2025 22:06	1	A05012539.D	DB-624 0.25(mm)
860-99120-7 MS	Artesia-MW11-0425 MS	05/01/2025 22:27	1	A05012540.D	DB-624 0.25(mm)
860-99120-7 MSD	Artesia-MW11-0425 MSD	05/01/2025 22:47	1	A05012541.D	DB-624 0.25(mm)
MB 860-233009/10		05/02/2025 00:10	1	A05012545.D	DB-624 0.25(mm)
860-99120-7	Artesia-MW11-0425	05/02/2025 00:30	1	A05012546.D	DB-624 0.25(mm)
ZZZZZ (Client)		05/02/2025 00:51	1		DB-624 0.25(mm)
ZZZZZ (Client)		05/02/2025 01:11	1		DB-624 0.25(mm)
ZZZZZ (Client)		05/02/2025 01:32	1		DB-624 0.25(mm)
ZZZZZ (Client)		05/02/2025 01:52	1		DB-624 0.25(mm)
ZZZZZ (Client)		05/02/2025 02:13	1		DB-624 0.25(mm)
ZZZZZ (Client)		05/02/2025 02:33	1		DB-624 0.25(mm)
ZZZZZ (Client)		05/02/2025 02:54	1		DB-624 0.25(mm)
ZZZZZ (Client)		05/02/2025 03:14	1		DB-624 0.25(mm)
ZZZZZ (Client)		05/02/2025 03:35	1		DB-624 0.25(mm)
ZZZZZ (Client)		05/02/2025 03:56	1		DB-624 0.25(mm)
ZZZZZ (Client)		05/02/2025 04:16	1		DB-624 0.25(mm)
ZZZZZ (Client)		05/02/2025 04:37	1		DB-624 0.25(mm)
ZZZZZ (Client)		05/02/2025 04:57	1		DB-624 0.25(mm)
ZZZZZ (Client)		05/02/2025 05:18	1		DB-624 0.25(mm)
ZZZZZ (Client)		05/02/2025 05:38	1		DB-624 0.25(mm)
ZZZZZ (Client)		05/02/2025 05:59	1		DB-624 0.25(mm)
ZZZZZ (Client)		05/02/2025 06:19	1		DB-624 0.25(mm)
ZZZZZ (Client)		05/02/2025 06:40	1		DB-624 0.25(mm)
ZZZZZ (Client)		05/02/2025 07:00	1		DB-624 0.25(mm)

8260D

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Batch Number: 231384 Batch Start Date: 04/24/25 17:01 Batch Analyst: Alves, Nathalie

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	VM8260GASLCS 00075	VM8260GASSTD 00171	VM8260ISSS50 00036	VM8260LCS 00085
BFB 860-231384/1		8260D			5 mL	5 mL			5 uL	
IC 860-231384/2		8260D			5 mL	5 mL		1 uL	5 uL	
IC 860-231384/3		8260D			5 mL	5 mL		5 uL	5 uL	
IC 860-231384/4		8260D			5 mL	5 mL		10 uL	5 uL	
IC 860-231384/5		8260D			5 mL	5 mL		25 uL	5 uL	
ICIS 860-231384/6		8260D			5 mL	5 mL		50 uL	5 uL	
IC 860-231384/7		8260D			5 mL	5 mL		75 uL	5 uL	
IC 860-231384/8		8260D			5 mL	5 mL		100 uL	5 uL	
IC 860-231384/9		8260D			5 mL	5 mL		150 uL	5 uL	
IC 860-231384/10		8260D			5 mL	5 mL		200 uL	5 uL	
ICV 860-231384/12		8260D			5 mL	5 mL	50 uL		5 uL	50 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	VM8260STD 00201	VMIsoProAceSw 00005				
BFB 860-231384/1		8260D								
IC 860-231384/2		8260D			1 uL	1 uL				
IC 860-231384/3		8260D			5 uL	5 uL				
IC 860-231384/4		8260D			10 uL	10 uL				
IC 860-231384/5		8260D			25 uL	25 uL				
ICIS 860-231384/6		8260D			50 uL	50 uL				
IC 860-231384/7		8260D			75 uL	75 uL				
IC 860-231384/8		8260D			100 uL	100 uL				
IC 860-231384/9		8260D			150 uL	150 uL				
IC 860-231384/10		8260D			200 uL	200 uL				
ICV 860-231384/12		8260D								

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.: 860-99120-1

SDG No.:

Batch Number: 231384 Batch Start Date: 04/24/25 17:01 Batch Analyst: Alves, Nathalie

Batch Method: 8260D Batch End Date:

Batch Notes	
pH Indicator ID	HC457151

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.: 860-99120-1

SDG No.:

Batch Number: 232019 Batch Start Date: 04/28/25 16:03 Batch Analyst: Suporn, Arisa 1

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	VM8260GASLCS 00075	VM8260GASSTD 00170	VM8260ISSS50 00036	VM8260LCS 00085
BFB 860-232019/1		8260D			5 mL	5 mL			5 uL	
IC 860-232019/2		8260D			5 mL	5 mL		1 uL	5 uL	
IC 860-232019/3		8260D			5 mL	5 mL		5 uL	5 uL	
IC 860-232019/4		8260D			5 mL	5 mL		10 uL	5 uL	
IC 860-232019/5		8260D			5 mL	5 mL		25 uL	5 uL	
ICIS 860-232019/6		8260D			5 mL	5 mL		50 uL	5 uL	
IC 860-232019/7		8260D			5 mL	5 mL		75 uL	5 uL	
IC 860-232019/8		8260D			5 mL	5 mL		100 uL	5 uL	
IC 860-232019/9		8260D			5 mL	5 mL		150 uL	5 uL	
IC 860-232019/10		8260D			5 mL	5 mL		200 uL	5 uL	
ICV 860-232019/13		8260D			5 mL	5 mL	50 uL		5 uL	50 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	VM8260STD 00200					
BFB 860-232019/1		8260D								
IC 860-232019/2		8260D			1 uL					
IC 860-232019/3		8260D			5 uL					
IC 860-232019/4		8260D			10 uL					
IC 860-232019/5		8260D			25 uL					
ICIS 860-232019/6		8260D			50 uL					
IC 860-232019/7		8260D			75 uL					
IC 860-232019/8		8260D			100 uL					
IC 860-232019/9		8260D			150 uL					
IC 860-232019/10		8260D			200 uL					
ICV 860-232019/13		8260D								

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.: 860-99120-1

SDG No.:

Batch Number: 232019 Batch Start Date: 04/28/25 16:03 Batch Analyst: Suporn, Arisa 1

Batch Method: 8260D Batch End Date:

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.: 860-99120-1

SDG No.:

Batch Number: 233009 Batch Start Date: 05/01/25 20:24 Batch Analyst: Suporn, Arisa 1

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	VM8260GASLCS 00075	VM8260GASSTD 00173	VM8260ISSS50 00036
BFB 860-233009/1		8260D			5 mL	5 mL				5 uL
CCVIS 860-233009/2		8260D			5 mL	5 mL			50 uL	5 uL
LCS 860-233009/3		8260D			5 mL	5 mL		50 uL		5 uL
LCSD 860-233009/4		8260D			5 mL	5 mL		50 uL		5 uL
860-99120-B-7 MS	Artesia-MW11-0425	8260D	Water	T	5 mL	5 mL		40 uL		5 uL
860-99120-B-7 MSD	Artesia-MW11-0425	8260D	Water	T	5 mL	5 mL		40 uL		5 uL
MB 860-233009/10		8260D			5 mL	5 mL				5 uL
860-99120-B-7	Artesia-MW11-0425	8260D	Water	T	5 mL	5 mL	2 SU			5 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	VM8260LCS 00085	VM8260STD 00203				
BFB 860-233009/1		8260D								
CCVIS 860-233009/2		8260D				50 uL				
LCS 860-233009/3		8260D			50 uL					
LCSD 860-233009/4		8260D			50 uL					
860-99120-B-7 MS	Artesia-MW11-0425	8260D	Water	T	40 uL					
860-99120-B-7 MSD	Artesia-MW11-0425	8260D	Water	T	40 uL					
MB 860-233009/10		8260D								
860-99120-B-7	Artesia-MW11-0425	8260D	Water	T						

Batch Notes	
pH Indicator ID	HC457151

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.: 860-99120-1

SDG No.:

Batch Number: 233009 Batch Start Date: 05/01/25 20:24 Batch Analyst: Suporn, Arisa 1

Batch Method: 8260D 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.: 860-99120-1

SDG No.:

Batch Number: 233238 Batch Start Date: 05/02/25 18:10 Batch Analyst: Alves, Nathalie

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	VM8260GASLCS 00075	VM8260GASSTD 00171	VM8260ISSS50 00036
BFB 860-233238/1		8260D			5 mL	5 mL				5 uL
CCVIS 860-233238/2		8260D			5 mL	5 mL			50 uL	5 uL
LCS 860-233238/3		8260D			5 mL	5 mL		50 uL		5 uL
LCSD 860-233238/4		8260D			5 mL	5 mL		50 uL		5 uL
860-99120-C-2 MS	Artesia-MW38-0425	8260D		T	5 mL	5 mL		40 uL		5 uL
MB 860-233238/9		8260D			5 mL	5 mL				5 uL
860-99120-B-20	Artesia-TB01-0425	8260D	Water	T	5 mL	5 mL	2 SU			5 uL
860-99120-B-1	Artesia-MW17C-0425	8260D	Water	T	5 mL	5 mL	2 SU			5 uL
860-99120-B-2	Artesia-MW38-0425	8260D	Water	T	5 mL	5 mL	2 SU			5 uL
860-99120-B-3	Artesia-MW37-0425	8260D	Water	T	5 mL	5 mL	2 SU			5 uL
860-99120-B-4	Artesia-MW12-0425	8260D	Water	T	5 mL	5 mL	2 SU			5 uL
860-99120-B-5	Artesia-MD12-0425	8260D	Water	T	5 mL	5 mL	2 SU			5 uL
860-99120-B-6	Artesia-MW36-0425	8260D	Water	T	5 mL	5 mL	2 SU			5 uL
860-99120-B-8	Artesia-TB02-0425	8260D	Water	T	5 mL	5 mL	2 SU			5 uL
860-99120-B-9	Artesia-MW31-0425	8260D	Water	T	5 mL	5 mL	2 SU			5 uL
860-99120-B-10	Artesia-MW28-0425	8260D	Water	T	5 mL	5 mL	2 SU			5 uL
860-99120-B-11	Artesia-MW29-0425	8260D	Water	T	5 mL	5 mL	2 SU			5 uL
860-99120-B-12	Artesia-MW35-0425	8260D	Water	T	5 mL	5 mL	2 SU			5 uL
860-99120-B-13	Artesia-MD35-0425	8260D	Water	T	5 mL	5 mL	2 SU			5 uL
860-99120-B-14	Artesia-MW39-0425	8260D	Water	T	5 mL	5 mL	2 SU			5 uL
860-99120-B-15	Artesia-MW40-0425	8260D	Water	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.: 860-99120-1

SDG No.:

Batch Number: 233238 Batch Start Date: 05/02/25 18:10 Batch Analyst: Alves, Nathalie

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	VM8260GASLCS 00075	VM8260GASSTD 00171	VM8260ISSS50 00036
860-99120-B-16	Artesia-MW30-0425	8260D	Water	T	5 mL	5 mL	2 SU			5 uL
860-99120-B-17	Artesia-Inlet-0425	8260D	Water	T	5 mL	5 mL	2 SU			5 uL
860-99120-B-18	Artesia-Mid-0425	8260D	Water	T	5 mL	5 mL	2 SU			5 uL
860-99120-B-19	Artesia-Outlet-0425	8260D	Water	T	5 mL	5 mL	2 SU			5 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	VM8260LCS 00085	VM8260STD 00201				
BFB 860-233238/1		8260D								
CCVIS 860-233238/2		8260D				50 uL				
LCS 860-233238/3		8260D			50 uL					
LCSD 860-233238/4		8260D			50 uL					
860-99120-C-2 MS	Artesia-MW38-0425	8260D		T	40 uL					
MB 860-233238/9		8260D								
860-99120-B-20	Artesia-TB01-0425	8260D	Water	T						
860-99120-B-1	Artesia-MW17C-0425	8260D	Water	T						
860-99120-B-2	Artesia-MW38-0425	8260D	Water	T						
860-99120-B-3	Artesia-MW37-0425	8260D	Water	T						
860-99120-B-4	Artesia-MW12-0425	8260D	Water	T						
860-99120-B-5	Artesia-MD12-0425	8260D	Water	T						
860-99120-B-6	Artesia-MW36-0425	8260D	Water	T						
860-99120-B-8	Artesia-TB02-0425	8260D	Water	T						
860-99120-B-9	Artesia-MW31-0425	8260D	Water	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.: 860-99120-1

SDG No.:

Batch Number: 233238 Batch Start Date: 05/02/25 18:10 Batch Analyst: Alves, Nathalie

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	VM8260LCS 00085	VM8260STD 00201				
860-99120-B-10	Artesia-MW28-0425	8260D	Water	T						
860-99120-B-11	Artesia-MW29-0425	8260D	Water	T						
860-99120-B-12	Artesia-MW35-0425	8260D	Water	T						
860-99120-B-13	Artesia-MD35-0425	8260D	Water	T						
860-99120-B-14	Artesia-MW39-0425	8260D	Water	T						
860-99120-B-15	Artesia-MW40-0425	8260D	Water	T						
860-99120-B-16	Artesia-MW30-0425	8260D	Water	T						
860-99120-B-17	Artesia-Inlet-0425	8260D	Water	T						
860-99120-B-18	Artesia-Mid-0425	8260D	Water	T						
860-99120-B-19	Artesia-Outlet-0425	8260D	Water	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.: 860-99120-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 25_Apr_2025 19_21.d

Lab ID: LCS 860-231600/50 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC	QC LIMITS REC	#
Sulfate	10.0	10.34	103	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.: 860-99120-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 25_Apr_2025 19_32.d

Lab ID: LCSD 860-231600/51 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Sulfate	10.0	10.54	105	2	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.: 860-99120-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 25_Apr_2025 11_38.d

Lab ID: LLCS 860-231600/7 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LLCS CONCENTRATION (mg/L)	LLCS % REC	QC LIMITS REC	#
Sulfate	0.500	0.2902 J	58	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.: 860-99120-1

SDG No.:

Lab File ID: 25_Apr_2025 10_58.d Lab Sample ID: MB 860-231600/3

Matrix: Water Date Extracted:

Instrument ID: A263 Date Analyzed: 04/25/2025 10:58

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LLCS 860-231600/7	25_Apr_2025 11_38.d	04/25/2025 11:38

FORM IV 300.0

FORM IV
HPLC/IC METHOD BLANK SUMMARY

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Lab File ID: 25_Apr_2025 19_11.d Lab Sample ID: MB 860-231600/49

Matrix: Water Date Extracted:

Instrument ID: A263 Date Analyzed: 04/25/2025 19:11

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 860-231600/50	25_Apr_2025 19_21.d	04/25/2025 19:21
	LCSD 860-231600/51	25_Apr_2025 19_32.d	04/25/2025 19:32
Artesia-MW17C-0425	860-99120-1	26_Apr_2025 00_33.d	04/26/2025 00:33
Artesia-MW38-0425	860-99120-2	26_Apr_2025 01_14.d	04/26/2025 01:14
Artesia-MW37-0425	860-99120-3	26_Apr_2025 01_44.d	04/26/2025 01:44
Artesia-MW12-0425	860-99120-4	26_Apr_2025 02_14.d	04/26/2025 02:14
Artesia-MW36-0425	860-99120-6	26_Apr_2025 02_34.d	04/26/2025 02:34
Artesia-MW11-0425	860-99120-7	26_Apr_2025 03_15.d	04/26/2025 03:15

FORM IV 300.0

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Client Sample ID: Artesia-MW17C-0425 Lab Sample ID: 860-99120-1

Matrix: Water Lab File ID: 26_Apr_2025 00_33.d

Analysis Method: 300.0 Date Collected: 04/22/2025 16:30

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 04/26/2025 00:33

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.: 231600 Units: mg/L

Preparation Batch No.: Instrument ID: A263

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	2480		5.00	2.00

FORM I 300.0

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Client Sample ID: Artesia-MW38-0425 Lab Sample ID: 860-99120-2

Matrix: Water Lab File ID: 26_Apr_2025 01_14.d

Analysis Method: 300.0 Date Collected: 04/22/2025 15:20

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 04/26/2025 01:14

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.: 231600 Units: mg/L

Preparation Batch No.: Instrument ID: A263

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	2350		5.00	2.00

FORM I 300.0

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Client Sample ID: Artesia-MW37-0425 Lab Sample ID: 860-99120-3

Matrix: Water Lab File ID: 26_Apr_2025 01_44.d

Analysis Method: 300.0 Date Collected: 04/22/2025 13:25

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 04/26/2025 01:44

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.: 231600 Units: mg/L

Preparation Batch No.: Instrument ID: A263

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	70.9		0.500	0.200

FORM I 300.0

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Client Sample ID: Artesia-MW12-0425 Lab Sample ID: 860-99120-4

Matrix: Water Lab File ID: 26_Apr_2025 02_14.d

Analysis Method: 300.0 Date Collected: 04/22/2025 11:10

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 04/26/2025 02:14

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.: 231600 Units: mg/L

Preparation Batch No.: Instrument ID: A263

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	2740		5.00	2.00

FORM I 300.0

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Client Sample ID: Artesia-MW36-0425 Lab Sample ID: 860-99120-6

Matrix: Water Lab File ID: 26_Apr_2025 02_34.d

Analysis Method: 300.0 Date Collected: 04/22/2025 12:30

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 04/26/2025 02:34

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.: 231600 Units: mg/L

Preparation Batch No.: Instrument ID: A263

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	2130		5.00	2.00

FORM I 300.0

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Client Sample ID: Artesia-MW11-0425 Lab Sample ID: 860-99120-7

Matrix: Water Lab File ID: 26_Apr_2025 03_15.d

Analysis Method: 300.0 Date Collected: 04/22/2025 14:00

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 04/26/2025 03:15

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.: 231600 Units: mg/L

Preparation Batch No.: Instrument ID: A263

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	2990		5.00	2.00

FORM I 300.0

FORM VI

HPLC/IC BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA

RETENTION TIME SUMMARY

Lab Name: Eurofins Houston Job No.: 860-99120-1 Analy Batch No.: 230205

SDG No.:

Instrument ID: A263 GC Column: AS-18 ID: 0.004(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/18/2025 16:31 Calibration End Date: 04/18/2025 18:02 Calibration ID: 9477

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-230205/1	18_Apr_2025 16_31.d
Level 2	IC 860-230205/2	18_Apr_2025 16_41.d
Level 3	IC 860-230205/3	18_Apr_2025 16_51.d
Level 4	IC 860-230205/4	18_Apr_2025 17_01.d
Level 5	IC 860-230205/5	18_Apr_2025 17_11.d
Level 6	ICRT 860-230205/6	18_Apr_2025 17_21.d
Level 7	IC 860-230205/7	18_Apr_2025 17_31.d
Level 8	IC 860-230205/8	18_Apr_2025 17_41.d
Level 9	IC 860-230205/9	18_Apr_2025 17_52.d
Level 10	IC 860-230205/10	18_Apr_2025 18_02.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6	LVL 7	LVL 8	LVL 9	LVL 10	RT WINDOW	AVG RT
Fluoride	+++++	+++++	2.423	2.430	2.443	2.453	2.463	2.490	+++++	+++++	2.180 - 2.680	2.450
Chloride	+++++	+++++	3.320	3.327	3.327	3.327	3.323	3.303	3.290	3.270	3.077 - 3.577	3.311
Sulfate	+++++	+++++	4.723	4.730	4.723	4.717	4.700	4.580	4.433	4.250	4.480 - 4.980	4.607
Bromide	+++++	+++++	5.317	5.320	5.313	5.303	5.283	5.123	4.923	+++++	5.070 - 5.570	5.226

FORM VI
HPLC/IC BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Houston Job No.: 860-99120-1 Analy Batch No.: 230205

SDG No.:

Instrument ID: A263 GC Column: AS-18 ID: 0.004(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/18/2025 16:31 Calibration End Date: 04/18/2025 18:02 Calibration ID: 9477

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-230205/1	18_Apr_2025 16_31.d
Level 2	IC 860-230205/2	18_Apr_2025 16_41.d
Level 3	IC 860-230205/3	18_Apr_2025 16_51.d
Level 4	IC 860-230205/4	18_Apr_2025 17_01.d
Level 5	IC 860-230205/5	18_Apr_2025 17_11.d
Level 6	ICRT 860-230205/6	18_Apr_2025 17_21.d
Level 7	IC 860-230205/7	18_Apr_2025 17_31.d
Level 8	IC 860-230205/8	18_Apr_2025 17_41.d
Level 9	IC 860-230205/9	18_Apr_2025 17_52.d
Level 10	IC 860-230205/10	18_Apr_2025 18_02.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD /RSE	#	MAX %RSD /RSE	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	+++++ 29525645 +++++	+++++ 29264905 +++++	26263954 27593619	28202659 20441701	Qua	462524.831	29570362.1	-91340.718						1.0000		0.9950
Chloride	+++++ 17509429 19480640	+++++ 18395381 19517146	15938350 18979942	17069459 19430541	Lin1	-2832210.5	19481763.7							1.0000		0.9950
Sulfate	+++++ 13594347 13977499	+++++ 14219680 12505253	13669774 14557885	13981806 14466504	Lin1	1592824.73	13201412.6							0.9960		0.9950
Bromide	+++++ 7465387 7815821	+++++ 7968714 +++++	7393782 8336069	7957104 8666826	Lin1	-256844.07	8066817.93							0.9980		0.9950

Note: The M1 coefficient is the same as Ave CF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
HPLC/IC BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Houston Job No.: 860-99120-1 Analy Batch No.: 230205

SDG No.:

Instrument ID: A263 GC Column: AS-18 ID: 0.004(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/18/2025 16:31 Calibration End Date: 04/18/2025 18:02 Calibration ID: 9477

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-230205/1	18_Apr_2025 16_31.d
Level 2	IC 860-230205/2	18_Apr_2025 16_41.d
Level 3	IC 860-230205/3	18_Apr_2025 16_51.d
Level 4	IC 860-230205/4	18_Apr_2025 17_01.d
Level 5	IC 860-230205/5	18_Apr_2025 17_11.d
Level 6	ICRT 860-230205/6	18_Apr_2025 17_21.d
Level 7	IC 860-230205/7	18_Apr_2025 17_31.d
Level 8	IC 860-230205/8	18_Apr_2025 17_41.d
Level 9	IC 860-230205/9	18_Apr_2025 17_52.d
Level 10	IC 860-230205/10	18_Apr_2025 18_02.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	Qua	+++++ 292649046	+++++ 551872371	13131977 2044170062	28202659 +++++	147628227 +++++	+++++ 10.0	+++++ 20.0	0.500 100	1.00 +++++	5.00 +++++
Chloride	Lin1	+++++ 183953805	+++++ 379598847	7969175 1943054131	17069459 4870160035	87547146 9758573227	+++++ 10.0	+++++ 20.0	0.500 100	1.00 250	5.00 500
Sulfate	Lin1	+++++ 142196802	+++++ 291157690	6834887 1446650436	13981806 3494374802	67971737 6252626740	+++++ 10.0	+++++ 20.0	0.500 100	1.00 250	5.00 500
Bromide	Lin1	+++++ 79687138	+++++ 166721376	3696891 866682562	7957104 1953955217	37326935 +++++	+++++ 10.0	+++++ 20.0	0.500 100	1.00 250	5.00 +++++

Curve Type Legend:

Lin1 = Linear 1/conc
Qua = Quadratic

Calibration / Fluoride

Curve Type:	Quadratic
Weighting:	None
Origin:	None
Dependency:	Response
Calib Mode:	ESTD
Response Base:	AREA
RF Rounding:	0

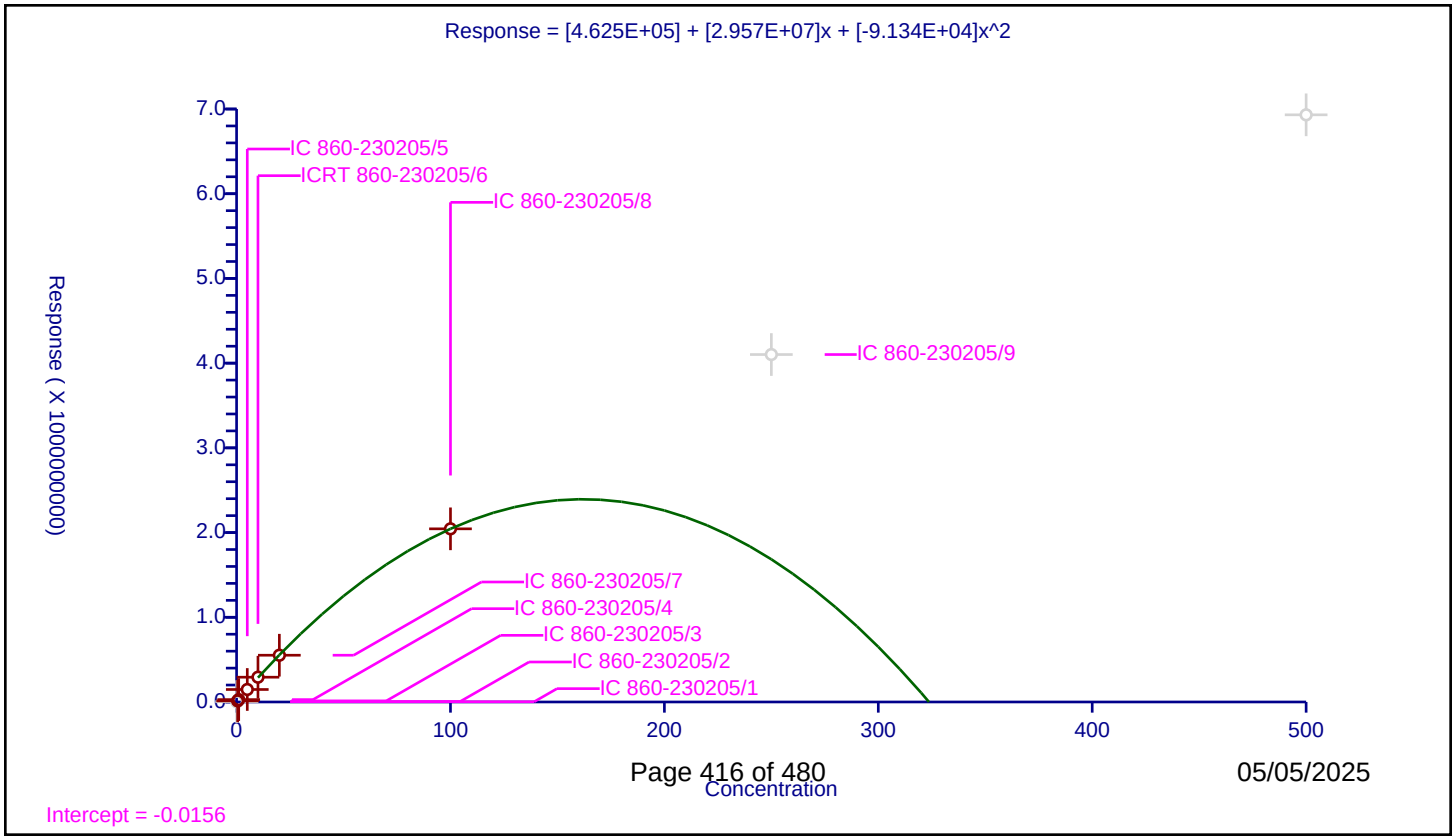
Curve Coefficients

Intercept:	4.625E+05
Slope:	2.957E+07
Second Order:	-9.134E+04

Error Coefficients

Relative Standard Deviation:	9.0

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	IC 860-230205/1	0.1	2966955.0			29669550.0	N
2	IC 860-230205/2	0.2	4885889.0			24429445.0	N
3	IC 860-230205/3	0.5	13131977.0			26263954.0	Y
4	IC 860-230205/4	1.0	28202659.0			28202659.0	Y
5	IC 860-230205/5	5.0	147628227.0			29525645.4	Y
6	ICRT 860-230205/6	10.0	292649046.0			29264904.6	Y
7	IC 860-230205/7	20.0	551872371.0			27593618.55	Y
8	IC 860-230205/8	100.0	2044170062.0			20441700.62	Y
9	IC 860-230205/9	250.0	4101665854.0			16406663.416	N
10	IC 860-230205/10	500.0	6931296069.0			13862592.138	N



Calibration / Chloride

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ESTD
Response Base:	AREA
RF Rounding:	0

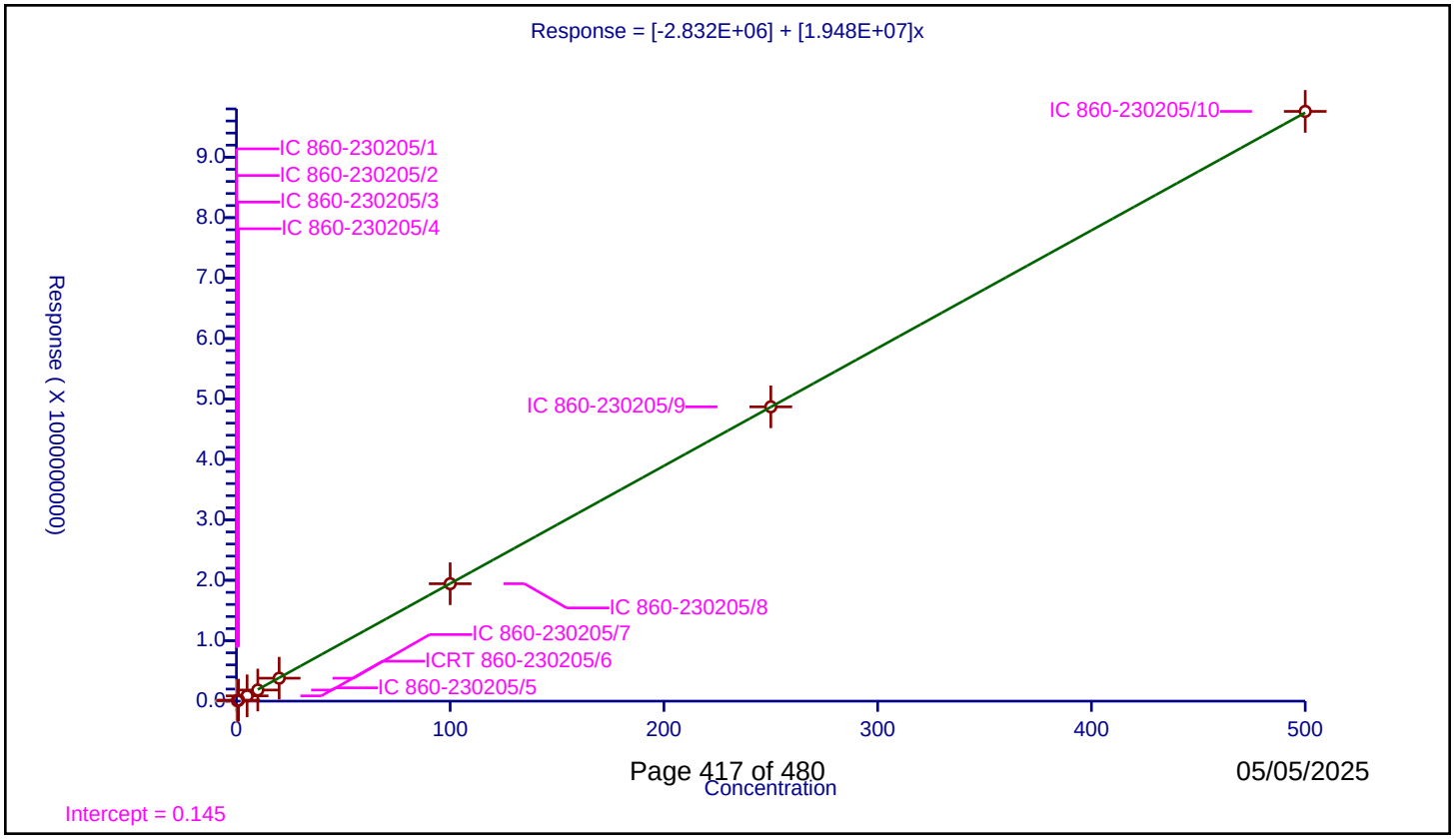
Curve Coefficients

Intercept:	-2.832E+06
Slope:	1.948E+07

Error Coefficients

Relative Standard Deviation:	5.7

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	IC 860-230205/1	0.1	1856565.0			18565650.0	N
2	IC 860-230205/2	0.2	2558084.0			12790420.0	N
3	IC 860-230205/3	0.5	7969175.0			15938350.0	Y
4	IC 860-230205/4	1.0	17069459.0			17069459.0	Y
5	IC 860-230205/5	5.0	87547146.0			17509429.2	Y
6	ICRT 860-230205/6	10.0	183953805.0			18395380.5	Y
7	IC 860-230205/7	20.0	379598847.0			18979942.35	Y
8	IC 860-230205/8	100.0	1943054131.0			19430541.31	Y
9	IC 860-230205/9	250.0	4870160035.0			19480640.14	Y
10	IC 860-230205/10	500.0	9758573227.0			19517146.454	Y



Calibration / Sulfate

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ESTD
Response Base:	AREA
RF Rounding:	0

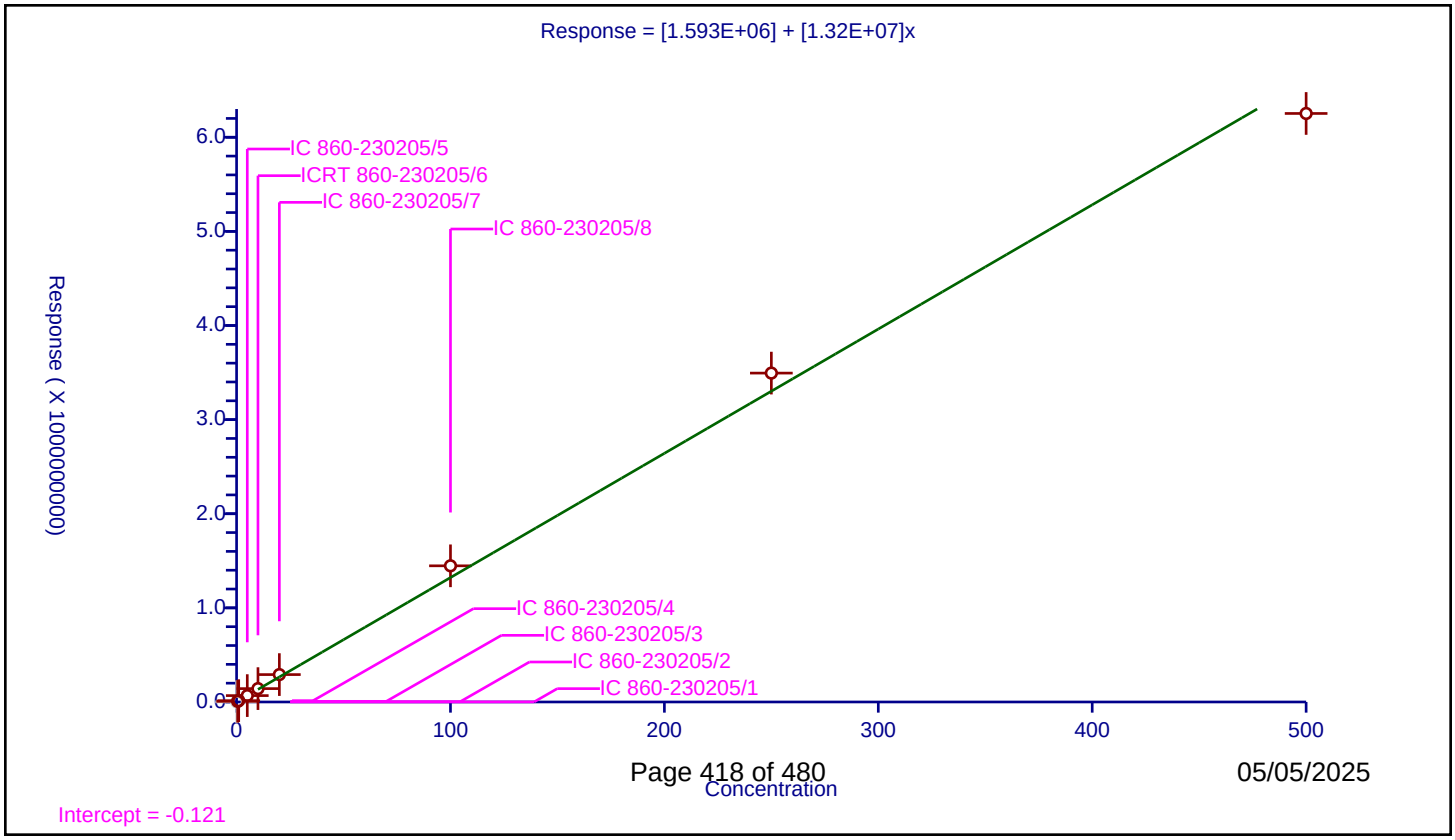
Curve Coefficients

Intercept:	1.593E+06
Slope:	1.32E+07

Error Coefficients

Relative Standard Deviation:	11.2

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	IC 860-230205/1	0.1	1225801.0			12258010.0	N
2	IC 860-230205/2	0.2	2362110.0			11810550.0	N
3	IC 860-230205/3	0.5	6834887.0			13669774.0	Y
4	IC 860-230205/4	1.0	13981806.0			13981806.0	Y
5	IC 860-230205/5	5.0	67971737.0			13594347.4	Y
6	ICRT 860-230205/6	10.0	142196802.0			14219680.2	Y
7	IC 860-230205/7	20.0	291157690.0			14557884.5	Y
8	IC 860-230205/8	100.0	1446650436.0			14466504.36	Y
9	IC 860-230205/9	250.0	3494374802.0			13977499.208	Y
10	IC 860-230205/10	500.0	6252626740.0			12505253.48	Y



Calibration / Bromide

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ESTD
Response Base:	AREA
RF Rounding:	0

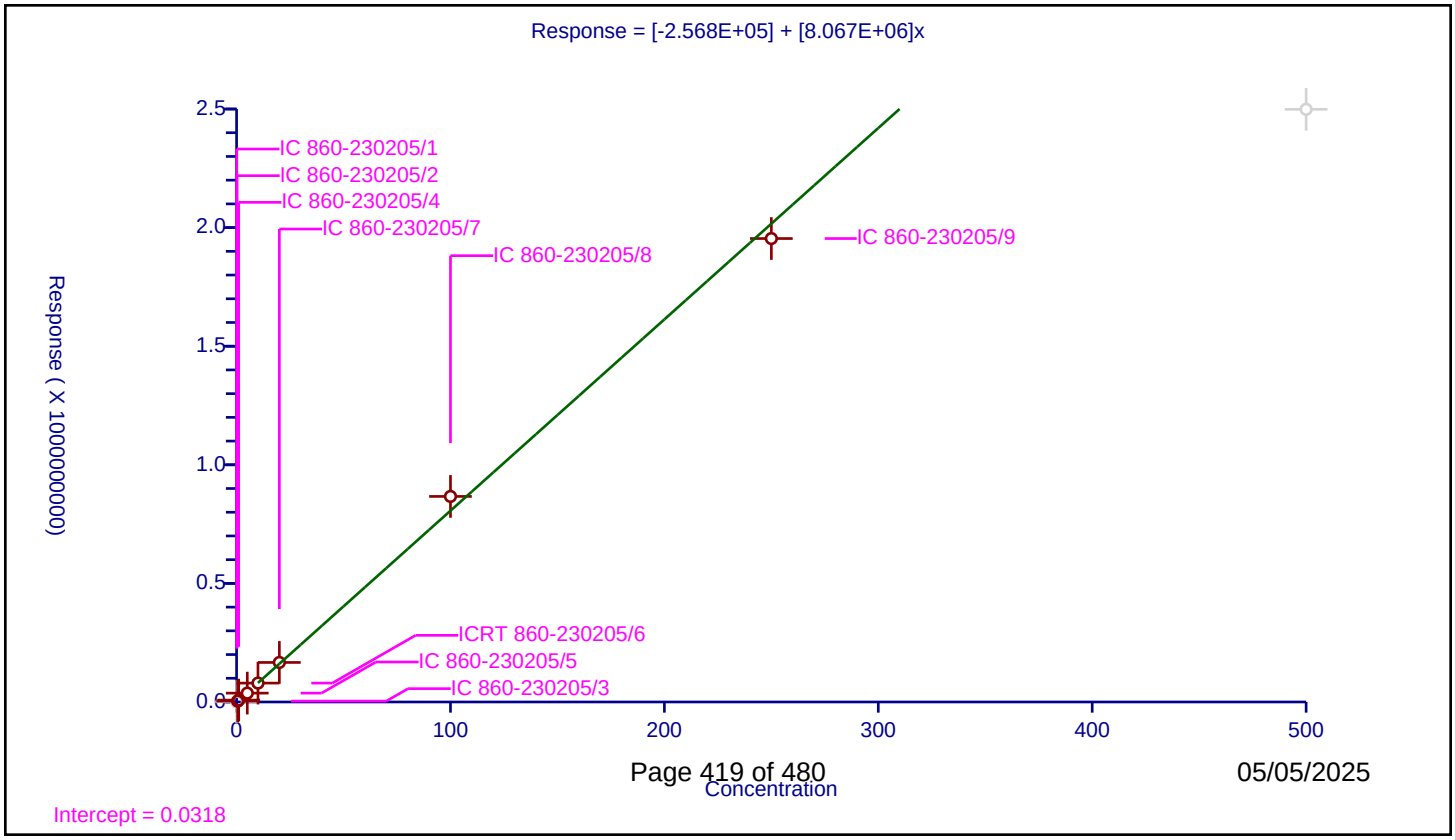
Curve Coefficients

Intercept:	-2.568E+05
Slope:	8.067E+06

Error Coefficients

Relative Standard Deviation:	5.1

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	IC 860-230205/1	0.1	564174.0			5641740.0	N
2	IC 860-230205/2	0.2	1406421.0			7032105.0	N
3	IC 860-230205/3	0.5	3696891.0			7393782.0	Y
4	IC 860-230205/4	1.0	7957104.0			7957104.0	Y
5	IC 860-230205/5	5.0	37326935.0			7465387.0	Y
6	ICRT 860-230205/6	10.0	79687138.0			7968713.8	Y
7	IC 860-230205/7	20.0	166721376.0			8336068.8	Y
8	IC 860-230205/8	100.0	866682562.0			8666825.62	Y
9	IC 860-230205/9	250.0	1953955217.0			7815820.868	Y
10	IC 860-230205/10	500.0	2498781583.0			4997563.166	N



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Lab Sample ID: CCVRT 860-231600/1 Calibration Date: 04/25/2025 10:37

Instrument ID: A263 Calib Start Date: 04/18/2025 16:31

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 04/18/2025 18:02

Lab File ID: 25_Apr_2025 10_37.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluoride	Qua		27995426		9.75	10.0	-2.5	10.0
Chloride	Lin1		17293133		9.02	10.0	-9.8	10.0
Sulfate	Lin1		13274624		9.94	10.0	-0.7	10.0
Bromide	Lin1		7434534		9.25	10.0	-7.5	10.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Lab Sample ID: CCVRT 860-231600/1 Calibration Date: 04/25/2025 10:37

Instrument ID: A263 Calib Start Date: 04/18/2025 16:31

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 04/18/2025 18:02

Lab File ID: 25_Apr_2025 10_37.d

Analyte	RT	RT WINDOW	
		FROM	TO
Fluoride	2.45	2.20	2.70
Chloride	3.32	3.07	3.57
Sulfate	4.71	4.46	4.96
Bromide	5.29	5.04	5.54

Form VII 300.0

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Lab Sample ID: CCV 860-231600/13 Calibration Date: 04/25/2025 12:39

Instrument ID: A263 Calib Start Date: 04/18/2025 16:31

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 04/18/2025 18:02

Lab File ID: 25_Apr_2025 12_39.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluoride	Qua		29947861		10.5	10.0	4.5	10.0
Chloride	Lin1		18549917		9.67	10.0	-3.3	10.0
Sulfate	Lin1		14030007		10.5	10.0	5.1	10.0
Bromide	Lin1		7951340		9.89	10.0	-1.1	10.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Lab Sample ID: CCV 860-231600/13 Calibration Date: 04/25/2025 12:39

Instrument ID: A263 Calib Start Date: 04/18/2025 16:31

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 04/18/2025 18:02

Lab File ID: 25_Apr_2025 12_39.d

Analyte	RT	RT WINDOW	
		FROM	TO
Fluoride	2.44	2.20	2.70
Chloride	3.31	3.07	3.57
Sulfate	4.70	4.46	4.96
Bromide	5.28	5.04	5.54

Form VII 300.0

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Lab Sample ID: CCV 860-231600/47 Calibration Date: 04/25/2025 18:51

Instrument ID: A263 Calib Start Date: 04/18/2025 16:31

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 04/18/2025 18:02

Lab File ID: 25_Apr_2025 18_51.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluoride	Qua		30182327		10.5	10.0	5.3	10.0
Chloride	Lin1		18860195		9.83	10.0	-1.7	10.0
Sulfate	Lin1		14012131		10.5	10.0	4.9	10.0
Bromide	Lin1		8036577		9.99	10.0	-0.0	10.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Lab Sample ID: CCV 860-231600/47 Calibration Date: 04/25/2025 18:51

Instrument ID: A263 Calib Start Date: 04/18/2025 16:31

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 04/18/2025 18:02

Lab File ID: 25_Apr_2025 18_51.d

Analyte	RT	RT WINDOW	
		FROM	TO
Fluoride	2.44	2.20	2.70
Chloride	3.32	3.07	3.57
Sulfate	4.70	4.46	4.96
Bromide	5.29	5.04	5.54

Form VII 300.0

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Lab Sample ID: CCV 860-231600/58 Calibration Date: 04/25/2025 20:42

Instrument ID: A263 Calib Start Date: 04/18/2025 16:31

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 04/18/2025 18:02

Lab File ID: 25_Apr_2025 20_42.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluoride	Qua		30309228		10.6	10.0	5.8	10.0
Chloride	Lin1		18961908		9.88	10.0	-1.2	10.0
Sulfate	Lin1		14114982		10.6	10.0	5.7	10.0
Bromide	Lin1		8090432		10.1	10.0	0.6	10.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Lab Sample ID: CCV 860-231600/58 Calibration Date: 04/25/2025 20:42

Instrument ID: A263 Calib Start Date: 04/18/2025 16:31

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 04/18/2025 18:02

Lab File ID: 25_Apr_2025 20_42.d

Analyte	RT	RT WINDOW	
		FROM	TO
Fluoride	2.44	2.20	2.70
Chloride	3.32	3.07	3.57
Sulfate	4.70	4.46	4.96
Bromide	5.29	5.04	5.54

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Lab Sample ID: CCV 860-231600/70 Calibration Date: 04/25/2025 22:43

Instrument ID: A263 Calib Start Date: 04/18/2025 16:31

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 04/18/2025 18:02

Lab File ID: 25_Apr_2025 22_43.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluoride	Qua		30125801		10.5	10.0	5.1	10.0
Chloride	Lin1		18924494		9.86	10.0	-1.4	10.0
Sulfate	Lin1		14172139		10.6	10.0	6.1	10.0
Bromide	Lin1		8079207		10.1	10.0	0.5	10.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Lab Sample ID: CCV 860-231600/70 Calibration Date: 04/25/2025 22:43

Instrument ID: A263 Calib Start Date: 04/18/2025 16:31

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 04/18/2025 18:02

Lab File ID: 25_Apr_2025 22_43.d

Analyte	RT	RT WINDOW	
		FROM	TO
Fluoride	2.44	2.20	2.70
Chloride	3.31	3.07	3.57
Sulfate	4.69	4.46	4.96
Bromide	5.28	5.04	5.54

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Lab Sample ID: CCV 860-231600/82 Calibration Date: 04/26/2025 00:44

Instrument ID: A263 Calib Start Date: 04/18/2025 16:31

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 04/18/2025 18:02

Lab File ID: 26_Apr_2025 00_44.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluoride	Qua		30846217		10.8	10.0	7.7	10.0
Chloride	Lin1		19313152		10.1	10.0	0.6	10.0
Sulfate	Lin1		14375397		10.8	10.0	7.7	10.0
Bromide	Lin1		8174786		10.2	10.0	1.7	10.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Lab Sample ID: CCV 860-231600/82 Calibration Date: 04/26/2025 00:44

Instrument ID: A263 Calib Start Date: 04/18/2025 16:31

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 04/18/2025 18:02

Lab File ID: 26_Apr_2025 00_44.d

Analyte	RT	RT WINDOW	
		FROM	TO
Fluoride	2.44	2.20	2.70
Chloride	3.31	3.07	3.57
Sulfate	4.69	4.46	4.96
Bromide	5.28	5.04	5.54

Form VII 300.0

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Lab Sample ID: CCV 860-231600/94 Calibration Date: 04/26/2025 02:44

Instrument ID: A263 Calib Start Date: 04/18/2025 16:31

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 04/18/2025 18:02

Lab File ID: 26_Apr_2025 02_44.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluoride	Qua		30988906		10.8	10.0	8.3	10.0
Chloride	Lin1		19675382		10.2	10.0	2.4	10.0
Sulfate	Lin1		14385738		10.8	10.0	7.8	10.0
Bromide	Lin1		8323049		10.4	10.0	3.5	10.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Lab Sample ID: CCV 860-231600/94 Calibration Date: 04/26/2025 02:44

Instrument ID: A263 Calib Start Date: 04/18/2025 16:31

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 04/18/2025 18:02

Lab File ID: 26_Apr_2025 02_44.d

Analyte	RT	RT WINDOW	
		FROM	TO
Fluoride	2.44	2.20	2.70
Chloride	3.31	3.07	3.57
Sulfate	4.69	4.46	4.96
Bromide	5.28	5.04	5.54

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Lab Sample ID: CCV 860-231600/98 Calibration Date: 04/26/2025 03:25

Instrument ID: A263 Calib Start Date: 04/18/2025 16:31

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 04/18/2025 18:02

Lab File ID: 26_Apr_2025 03_25.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluoride	Qua		30989053		10.8	10.0	8.3	10.0
Chloride	Lin1		19710282		10.3	10.0	2.6	10.0
Sulfate	Lin1		14436042		10.8	10.0	8.1	10.0
Bromide	Lin1		8310737		10.3	10.0	3.3	10.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Lab Sample ID: CCV 860-231600/98 Calibration Date: 04/26/2025 03:25

Instrument ID: A263 Calib Start Date: 04/18/2025 16:31

GC Column: AS-18 ID: 0.00(mm) Calib End Date: 04/18/2025 18:02

Lab File ID: 26_Apr_2025 03_25.d

Analyte	RT	RT WINDOW	
		FROM	TO
Fluoride	2.45	2.20	2.70
Chloride	3.32	3.07	3.57
Sulfate	4.70	4.46	4.96
Bromide	5.29	5.04	5.54

Form VII 300.0

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 860-231600/3

Matrix: Water Lab File ID: 25_Apr_2025 10_58.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 04/25/2025 10:58

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.: 231600 Units: mg/L

Preparation Batch No.: Instrument ID: A263

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	0.200	U	0.500	0.200

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 860-231600/49

Matrix: Water Lab File ID: 25_Apr_2025 19_11.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 04/25/2025 19:11

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.: 231600 Units: mg/L

Preparation Batch No.: Instrument ID: A263

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	0.200	U	0.500	0.200

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Client Sample ID: Lab Sample ID: CCB 860-231600/2

Matrix: Water Lab File ID: 25_Apr_2025 10_48.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 04/25/2025 10:48

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.: 231600 Units: mg/L

Preparation Batch No.: Instrument ID: A263

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	0.200	U	0.500	0.200

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Client Sample ID: Lab Sample ID: CCB 860-231600/14

Matrix: Water Lab File ID: 25_Apr_2025 12_49.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 04/25/2025 12:49

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.: 231600 Units: mg/L

Preparation Batch No.: Instrument ID: A263

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	0.200	U	0.500	0.200

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Client Sample ID: Lab Sample ID: CCB 860-231600/48

Matrix: Water Lab File ID: 25_Apr_2025 19_01.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 04/25/2025 19:01

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.: 231600 Units: mg/L

Preparation Batch No.: Instrument ID: A263

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	0.200	U	0.500	0.200

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Client Sample ID: Lab Sample ID: CCB 860-231600/59

Matrix: Water Lab File ID: 25_Apr_2025 20_52.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 04/25/2025 20:52

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.: 231600 Units: mg/L

Preparation Batch No.: Instrument ID: A263

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	0.200	U	0.500	0.200

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Client Sample ID: Lab Sample ID: CCB 860-231600/71

Matrix: Water Lab File ID: 25_Apr_2025 22_53.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 04/25/2025 22:53

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.: 231600 Units: mg/L

Preparation Batch No.: Instrument ID: A263

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	0.200	U	0.500	0.200

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Client Sample ID: Lab Sample ID: CCB 860-231600/83

Matrix: Water Lab File ID: 26_Apr_2025 00_54.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 04/26/2025 00:54

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.: 231600 Units: mg/L

Preparation Batch No.: Instrument ID: A263

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	0.200	U	0.500	0.200

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Client Sample ID: Lab Sample ID: CCB 860-231600/95

Matrix: Water Lab File ID: 26_Apr_2025 02_55.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 04/26/2025 02:55

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.: 231600 Units: mg/L

Preparation Batch No.: Instrument ID: A263

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	0.200	U	0.500	0.200

FORM I 300.0

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Client Sample ID: Lab Sample ID: CCB 860-231600/99

Matrix: Water Lab File ID: 26_Apr_2025 03_35.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 04/26/2025 03:35

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.: 231600 Units: mg/L

Preparation Batch No.: Instrument ID: A263

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	0.200	U	0.500	0.200

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 860-231600/50

Matrix: Water Lab File ID: 25_Apr_2025 19_21.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 04/25/2025 19:21

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.: 231600 Units: mg/L

Preparation Batch No.: Instrument ID: A263

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	10.34		0.500	0.200

FORM I 300.0

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 860-231600/51

Matrix: Water Lab File ID: 25_Apr_2025 19_32.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 04/25/2025 19:32

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.: 231600 Units: mg/L

Preparation Batch No.: Instrument ID: A263

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	10.54		0.500	0.200

FORM I 300.0

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Client Sample ID: Lab Sample ID: LLCS 860-231600/7

Matrix: Water Lab File ID: 25_Apr_2025 11_38.d

Analysis Method: 300.0 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 04/25/2025 11:38

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.: 231600 Units: mg/L

Preparation Batch No.: Instrument ID: A263

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	0.2902	J	0.500	0.200

FORM I 300.0

HPLC/IC ANALYSIS RUN LOG

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Instrument ID: A263 Start Date: 04/18/2025 16:31

Analysis Batch Number: 230205 End Date: 04/22/2025 04:52

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
IC 860-230205/1		04/18/2025 16:31	1	18_Apr_2025 16_31.d	AS-18 0.004(mm)
IC 860-230205/2		04/18/2025 16:41	1	18_Apr_2025 16_41.d	AS-18 0.004(mm)
IC 860-230205/3		04/18/2025 16:51	1	18_Apr_2025 16_51.d	AS-18 0.004(mm)
IC 860-230205/4		04/18/2025 17:01	1	18_Apr_2025 17_01.d	AS-18 0.004(mm)
IC 860-230205/5		04/18/2025 17:11	1	18_Apr_2025 17_11.d	AS-18 0.004(mm)
ICRT 860-230205/6		04/18/2025 17:21	1	18_Apr_2025 17_21.d	AS-18 0.004(mm)
IC 860-230205/7		04/18/2025 17:31	1	18_Apr_2025 17_31.d	AS-18 0.004(mm)
IC 860-230205/8		04/18/2025 17:41	1	18_Apr_2025 17_41.d	AS-18 0.004(mm)
IC 860-230205/9		04/18/2025 17:52	1	18_Apr_2025 17_52.d	AS-18 0.004(mm)
IC 860-230205/10		04/18/2025 18:02	1	18_Apr_2025 18_02.d	AS-18 0.004(mm)
CCVRT 860-230205/11		04/21/2025 18:48	1		AS-18 0.004(mm)
CCB 860-230205/12		04/21/2025 18:58	1		AS-18 0.004(mm)
ZZZZZ (QC)		04/21/2025 19:08	1		AS-18 0.004(mm)
ZZZZZ (QC)		04/21/2025 19:18	1		AS-18 0.004(mm)
ZZZZZ (QC)		04/21/2025 19:28	1		AS-18 0.004(mm)
ZZZZZ (QC)		04/21/2025 19:48	1		AS-18 0.004(mm)
ZZZZZ (Client)		04/21/2025 19:58	100		AS-18 0.004(mm)
ZZZZZ (Client)		04/21/2025 20:09	1000		AS-18 0.004(mm)
ZZZZZ (Client)		04/21/2025 20:19	100		AS-18 0.004(mm)
ZZZZZ (Client)		04/21/2025 20:29	1000		AS-18 0.004(mm)
CCV 860-230205/22		04/21/2025 20:39	1		AS-18 0.004(mm)
CCB 860-230205/23		04/21/2025 20:49	1		AS-18 0.004(mm)
ZZZZZ (Client)		04/21/2025 20:59	100		AS-18 0.004(mm)
ZZZZZ (Client)		04/21/2025 21:09	1000		AS-18 0.004(mm)
ZZZZZ (Client)		04/21/2025 21:19	50		AS-18 0.004(mm)
ZZZZZ (Client)		04/21/2025 21:29	500		AS-18 0.004(mm)
ZZZZZ (QC)		04/21/2025 21:39	50		AS-18 0.004(mm)
ZZZZZ (QC)		04/21/2025 21:49	50		AS-18 0.004(mm)
ZZZZZ (Client)		04/21/2025 21:59	1		AS-18 0.004(mm)
ZZZZZ (Client)		04/21/2025 22:09	1000		AS-18 0.004(mm)
ZZZZZ (Client)		04/21/2025 22:19	100		AS-18 0.004(mm)
ZZZZZ (Client)		04/21/2025 22:29	1000		AS-18 0.004(mm)
CCV 860-230205/34		04/21/2025 22:40	1		AS-18 0.004(mm)
CCB 860-230205/35		04/21/2025 22:50	1		AS-18 0.004(mm)
ZZZZZ (Client)		04/21/2025 23:00	100		AS-18 0.004(mm)
ZZZZZ (Client)		04/21/2025 23:10	1000		AS-18 0.004(mm)
ZZZZZ (Client)		04/21/2025 23:20	100		AS-18 0.004(mm)
ZZZZZ (Client)		04/21/2025 23:30	1000		AS-18 0.004(mm)
ZZZZZ (Client)		04/21/2025 23:40	100		AS-18 0.004(mm)
ZZZZZ (Client)		04/21/2025 23:50	1000		AS-18 0.004(mm)
ZZZZZ (Client)		04/22/2025 00:00	100		AS-18 0.004(mm)

300.0

HPLC/IC ANALYSIS RUN LOG

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Instrument ID: A263 Start Date: 04/18/2025 16:31

Analysis Batch Number: 230205 End Date: 04/22/2025 04:52

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ (Client)		04/22/2025 00:10	1000		AS-18 0.004(mm)
ZZZZZ (Client)		04/22/2025 00:20	100		AS-18 0.004(mm)
ZZZZZ (Client)		04/22/2025 00:30	1000		AS-18 0.004(mm)
CCV 860-230205/46		04/22/2025 00:40	1		AS-18 0.004(mm)
CCB 860-230205/47		04/22/2025 00:50	1		AS-18 0.004(mm)
ZZZZZ (Client)		04/22/2025 01:00	100		AS-18 0.004(mm)
ZZZZZ (Client)		04/22/2025 01:11	1000		AS-18 0.004(mm)
ZZZZZ (Client)		04/22/2025 01:21	100		AS-18 0.004(mm)
ZZZZZ (Client)		04/22/2025 01:31	1000		AS-18 0.004(mm)
ZZZZZ (Client)		04/22/2025 01:41	100		AS-18 0.004(mm)
ZZZZZ (Client)		04/22/2025 01:51	1000		AS-18 0.004(mm)
ZZZZZ (Client)		04/22/2025 02:01	100		AS-18 0.004(mm)
ZZZZZ (Client)		04/22/2025 02:11	1000		AS-18 0.004(mm)
ZZZZZ (Client)		04/22/2025 02:21	100		AS-18 0.004(mm)
ZZZZZ (Client)		04/22/2025 02:31	1000		AS-18 0.004(mm)
CCV 860-230205/58		04/22/2025 02:41	1		AS-18 0.004(mm)
CCB 860-230205/59		04/22/2025 02:51	1		AS-18 0.004(mm)
ZZZZZ (Client)		04/22/2025 03:01	100		AS-18 0.004(mm)
ZZZZZ (Client)		04/22/2025 03:11	1000		AS-18 0.004(mm)
ZZZZZ (Client)		04/22/2025 03:21	50		AS-18 0.004(mm)
ZZZZZ (Client)		04/22/2025 03:32	500		AS-18 0.004(mm)
ZZZZZ (QC)		04/22/2025 03:42	50		AS-18 0.004(mm)
ZZZZZ (QC)		04/22/2025 03:52	50		AS-18 0.004(mm)
ZZZZZ (Client)		04/22/2025 04:02	100		AS-18 0.004(mm)
ZZZZZ (Client)		04/22/2025 04:12	1000		AS-18 0.004(mm)
ZZZZZ (Client)		04/22/2025 04:22	100		AS-18 0.004(mm)
ZZZZZ (Client)		04/22/2025 04:32	1000		AS-18 0.004(mm)
CCV 860-230205/70		04/22/2025 04:42	1		AS-18 0.004(mm)
CCB 860-230205/71		04/22/2025 04:52	1		AS-18 0.004(mm)

300.0

HPLC/IC ANALYSIS RUN LOG

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Instrument ID: A263 Start Date: 04/25/2025 10:37

Analysis Batch Number: 231600 End Date: 04/26/2025 03:35

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVRT 860-231600/1		04/25/2025 10:37	1	25_Apr_2025 10_37.d	AS-18 0.004(mm)
CCB 860-231600/2		04/25/2025 10:48	1	25_Apr_2025 10_48.d	AS-18 0.004(mm)
MB 860-231600/3		04/25/2025 10:58	1	25_Apr_2025 10_58.d	AS-18 0.004(mm)
ZZZZZ (QC)		04/25/2025 11:08	1		AS-18 0.004(mm)
ZZZZZ (QC)		04/25/2025 11:18	1		AS-18 0.004(mm)
LLCS 860-231600/7		04/25/2025 11:38	1	25_Apr_2025 11_38.d	AS-18 0.004(mm)
ZZZZZ (Client)		04/25/2025 11:48	1		AS-18 0.004(mm)
ZZZZZ (Client)		04/25/2025 11:58	1		AS-18 0.004(mm)
ZZZZZ (Client)		04/25/2025 12:08	1		AS-18 0.004(mm)
ZZZZZ (Client)		04/25/2025 12:18	1		AS-18 0.004(mm)
ZZZZZ (Client)		04/25/2025 12:28	1		AS-18 0.004(mm)
CCV 860-231600/13		04/25/2025 12:39	1	25_Apr_2025 12_39.d	AS-18 0.004(mm)
CCB 860-231600/14		04/25/2025 12:49	1	25_Apr_2025 12_49.d	AS-18 0.004(mm)
ZZZZZ (Client)		04/25/2025 12:59	5		AS-18 0.004(mm)
ZZZZZ (Client)		04/25/2025 13:09	50		AS-18 0.004(mm)
ZZZZZ (Client)		04/25/2025 13:19	10		AS-18 0.004(mm)
ZZZZZ (Client)		04/25/2025 13:29	100		AS-18 0.004(mm)
ZZZZZ (Client)		04/25/2025 13:39	1		AS-18 0.004(mm)
ZZZZZ (Client)		04/25/2025 13:49	1		AS-18 0.004(mm)
ZZZZZ (Client)		04/25/2025 13:59	1		AS-18 0.004(mm)
ZZZZZ (Client)		04/25/2025 14:09	10		AS-18 0.004(mm)
ZZZZZ (Client)		04/25/2025 14:19	1		AS-18 0.004(mm)
ZZZZZ (Client)		04/25/2025 14:29	10		AS-18 0.004(mm)
CCV 860-231600/25		04/25/2025 14:39	1		AS-18 0.004(mm)
CCB 860-231600/26		04/25/2025 14:49	1		AS-18 0.004(mm)
ZZZZZ (Client)		04/25/2025 14:59	1		AS-18 0.004(mm)
ZZZZZ (QC)		04/25/2025 15:09	1		AS-18 0.004(mm)
ZZZZZ (QC)		04/25/2025 15:20	1		AS-18 0.004(mm)
ZZZZZ (Client)		04/25/2025 15:30	1		AS-18 0.004(mm)
ZZZZZ (Client)		04/25/2025 15:40	1		AS-18 0.004(mm)
ZZZZZ (Client)		04/25/2025 15:50	1		AS-18 0.004(mm)
ZZZZZ (Client)		04/25/2025 16:00	1		AS-18 0.004(mm)
ZZZZZ (Client)		04/25/2025 16:10	10		AS-18 0.004(mm)
ZZZZZ (QC)		04/25/2025 16:20	1		AS-18 0.004(mm)
ZZZZZ (QC)		04/25/2025 16:30	1		AS-18 0.004(mm)
CCV 860-231600/37		04/25/2025 17:10	1		AS-18 0.004(mm)
CCB 860-231600/38		04/25/2025 17:21	1		AS-18 0.004(mm)
ZZZZZ (Client)		04/25/2025 17:31	5		AS-18 0.004(mm)
ZZZZZ (Client)		04/25/2025 17:41	50		AS-18 0.004(mm)
ZZZZZ (Client)		04/25/2025 17:51	1		AS-18 0.004(mm)
ZZZZZ (Client)		04/25/2025 18:01	10		AS-18 0.004(mm)
ZZZZZ (Client)		04/25/2025 18:11	1		AS-18 0.004(mm)

300.0

HPLC/IC ANALYSIS RUN LOG

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Instrument ID: A263 Start Date: 04/25/2025 10:37

Analysis Batch Number: 231600 End Date: 04/26/2025 03:35

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ (Client)		04/25/2025 18:21	10		AS-18 0.004(mm)
ZZZZZ (Client)		04/25/2025 18:31	5		AS-18 0.004(mm)
ZZZZZ (Client)		04/25/2025 18:41	50		AS-18 0.004(mm)
CCV 860-231600/47		04/25/2025 18:51	1	25_Apr_2025 18_51.d	AS-18 0.004(mm)
CCB 860-231600/48		04/25/2025 19:01	1	25_Apr_2025 19_01.d	AS-18 0.004(mm)
MB 860-231600/49		04/25/2025 19:11	1	25_Apr_2025 19_11.d	AS-18 0.004(mm)
LCS 860-231600/50		04/25/2025 19:21	1	25_Apr_2025 19_21.d	AS-18 0.004(mm)
LCSD 860-231600/51		04/25/2025 19:32	1	25_Apr_2025 19_32.d	AS-18 0.004(mm)
ZZZZZ (Client)		04/25/2025 19:42	1		AS-18 0.004(mm)
ZZZZZ (Client)		04/25/2025 19:52	10		AS-18 0.004(mm)
ZZZZZ (Client)		04/25/2025 20:02	5		AS-18 0.004(mm)
ZZZZZ (Client)		04/25/2025 20:12	50		AS-18 0.004(mm)
ZZZZZ (Client)		04/25/2025 20:22	1		AS-18 0.004(mm)
ZZZZZ (Client)		04/25/2025 20:32	10		AS-18 0.004(mm)
CCV 860-231600/58		04/25/2025 20:42	1	25_Apr_2025 20_42.d	AS-18 0.004(mm)
CCB 860-231600/59		04/25/2025 20:52	1	25_Apr_2025 20_52.d	AS-18 0.004(mm)
ZZZZZ (Client)		04/25/2025 21:02	1		AS-18 0.004(mm)
ZZZZZ (Client)		04/25/2025 21:12	10		AS-18 0.004(mm)
ZZZZZ (Client)		04/25/2025 21:22	1		AS-18 0.004(mm)
ZZZZZ (Client)		04/25/2025 21:32	10		AS-18 0.004(mm)
ZZZZZ (QC)		04/25/2025 21:42	1		AS-18 0.004(mm)
ZZZZZ (QC)		04/25/2025 21:52	1		AS-18 0.004(mm)
ZZZZZ (Client)		04/25/2025 22:03	100		AS-18 0.004(mm)
ZZZZZ (Client)		04/25/2025 22:13	1000		AS-18 0.004(mm)
ZZZZZ (Client)		04/25/2025 22:23	100		AS-18 0.004(mm)
ZZZZZ (Client)		04/25/2025 22:33	1000		AS-18 0.004(mm)
CCV 860-231600/70		04/25/2025 22:43	1	25_Apr_2025 22_43.d	AS-18 0.004(mm)
CCB 860-231600/71		04/25/2025 22:53	1	25_Apr_2025 22_53.d	AS-18 0.004(mm)
ZZZZZ (Client)		04/25/2025 23:03	100		AS-18 0.004(mm)
ZZZZZ (Client)		04/25/2025 23:13	1000		AS-18 0.004(mm)
ZZZZZ (Client)		04/25/2025 23:23	20		AS-18 0.004(mm)
ZZZZZ (Client)		04/25/2025 23:33	200		AS-18 0.004(mm)
ZZZZZ (Client)		04/25/2025 23:43	20		AS-18 0.004(mm)
ZZZZZ (Client)		04/25/2025 23:53	200		AS-18 0.004(mm)
ZZZZZ (Client)		04/26/2025 00:03	5		AS-18 0.004(mm)
ZZZZZ (Client)		04/26/2025 00:13	50		AS-18 0.004(mm)
ZZZZZ (Client)		04/26/2025 00:23	1		AS-18 0.004(mm)
860-99120-1	Artesia-MW17C-0425	04/26/2025 00:33	10	26_Apr_2025 00_33.d	AS-18 0.004(mm)
CCV 860-231600/82		04/26/2025 00:44	1	26_Apr_2025 00_44.d	AS-18 0.004(mm)
CCB 860-231600/83		04/26/2025 00:54	1	26_Apr_2025 00_54.d	AS-18 0.004(mm)

300.0

HPLC/IC ANALYSIS RUN LOG

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Instrument ID: A263 Start Date: 04/25/2025 10:37

Analysis Batch Number: 231600 End Date: 04/26/2025 03:35

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
860-99120-2	Artesia-MW38-0425	04/26/2025 01:04	1	26_Apr_2025 01_04.d	AS-18 0.004(mm)
860-99120-2	Artesia-MW38-0425	04/26/2025 01:14	10	26_Apr_2025 01_14.d	AS-18 0.004(mm)
860-99120-2 MS	Artesia-MW38-0425 MS	04/26/2025 01:24	1	26_Apr_2025 01_24.d	AS-18 0.004(mm)
860-99120-2 MSD	Artesia-MW38-0425 MSD	04/26/2025 01:34	1	26_Apr_2025 01_34.d	AS-18 0.004(mm)
860-99120-3	Artesia-MW37-0425	04/26/2025 01:44	1	26_Apr_2025 01_44.d	AS-18 0.004(mm)
ZZZZZ (Client)		04/26/2025 01:54	10		AS-18 0.004(mm)
ZZZZZ (Client)		04/26/2025 02:04	1		AS-18 0.004(mm)
860-99120-4	Artesia-MW12-0425	04/26/2025 02:14	10	26_Apr_2025 02_14.d	AS-18 0.004(mm)
ZZZZZ (Client)		04/26/2025 02:24	1		AS-18 0.004(mm)
860-99120-6	Artesia-MW36-0425	04/26/2025 02:34	10	26_Apr_2025 02_34.d	AS-18 0.004(mm)
CCV 860-231600/94		04/26/2025 02:44	1	26_Apr_2025 02_44.d	AS-18 0.004(mm)
CCB 860-231600/95		04/26/2025 02:55	1	26_Apr_2025 02_55.d	AS-18 0.004(mm)
ZZZZZ (Client)		04/26/2025 03:05	1		AS-18 0.004(mm)
860-99120-7	Artesia-MW11-0425	04/26/2025 03:15	10	26_Apr_2025 03_15.d	AS-18 0.004(mm)
CCV 860-231600/98		04/26/2025 03:25	1	26_Apr_2025 03_25.d	AS-18 0.004(mm)
CCB 860-231600/99		04/26/2025 03:35	1	26_Apr_2025 03_35.d	AS-18 0.004(mm)

300.0

HPLC/IC BATCH WORKSHEET

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Batch Number: 230205 Batch Start Date: 04/18/25 16:31 Batch Analyst: Nguyen, Heidi

Batch Method: 300.0 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	WC-IC-P1 00010	WC-IC-P2 00009		
IC 860-230205/1		300.0			0 mL	1.0 mL	0.01 mL	0.01 mL		
IC 860-230205/2		300.0			0 mL	1.0 mL	0.02 mL	0.02 mL		
IC 860-230205/3		300.0			0 mL	1.0 mL	0.05 mL	0.05 mL		
IC 860-230205/4		300.0			0 mL	1.0 mL	0.1 mL	0.1 mL		
IC 860-230205/5		300.0			0 mL	1.0 mL	0.5 mL	0.5 mL		
ICRT 860-230205/6		300.0			0 mL	1.0 mL	1 mL	1 mL		
IC 860-230205/7		300.0			0 mL	1.0 mL	2 mL	2 mL		
IC 860-230205/8		300.0			0 mL	1.0 mL		10 mL		
IC 860-230205/9		300.0			0 mL	1.0 mL		0.25 mL		
IC 860-230205/10		300.0			0 mL	1.0 mL		0.5 mL		

Batch Notes	
Filter ID	0.2UM 00353263-2 PART# F2500-2
Pipette/Syringe/Dispenser ID	WC65WC115WC116 / M211420J
Eluent 1 ID	2259339

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.: 860-99120-1

SDG No.:

Batch Number: 231600 Batch Start Date: 04/25/25 10:37 Batch Analyst: Prommek, Warangkhana

Batch Method: 300.0 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	WC-IC-P1 00010	WC-IC-P1 00012	WC-IC-P2 00009	WC-IC-P2 00011	
CCVRT 860-231600/1		300.0			0 mL	1 mL		1 mL		
CCB 860-231600/2		300.0			0 mL					
MB 860-231600/3		300.0			0 mL					
LLCS 860-231600/7		300.0			0 mL	0.05 mL		0.05 mL		
CCV 860-231600/13		300.0			0 mL	1 mL		1 mL		
CCB 860-231600/14		300.0			0 mL					
CCV 860-231600/47		300.0			0 mL	1 mL		1 mL		
CCB 860-231600/48		300.0			0 mL					
MB 860-231600/49		300.0			0 mL					
LCS 860-231600/50		300.0			0 mL		1 mL		1 mL	
LCSD 860-231600/51		300.0			0 mL		1 mL		1 mL	
CCV 860-231600/58		300.0			0 mL	1 mL		1 mL		
CCB 860-231600/59		300.0			0 mL					
CCV 860-231600/70		300.0			0 mL	1 mL		1 mL		
CCB 860-231600/71		300.0			0 mL					
860-99120-F-1	Artesia-MW17C-0425	300.0	Water	T	0 mL					
CCV 860-231600/82		300.0			0 mL	1 mL		1 mL		
CCB 860-231600/83		300.0			0 mL					
860-99120-F-2	Artesia-MW38-0425	300.0	Water	T	0 mL					
860-99120-F-2	Artesia-MW38-0425	300.0	Water	T	0 mL					
860-99120-F-2 MS	Artesia-MW38-0425	300.0		T	0 mL		0.0125 mL		0.05 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.: 860-99120-1

SDG No.:

Batch Number: 231600 Batch Start Date: 04/25/25 10:37 Batch Analyst: Prommek, Warangkhana

Batch Method: 300.0 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	WC-IC-P1 00010	WC-IC-P1 00012	WC-IC-P2 00009	WC-IC-P2 00011	
860-99120-F-2 MSD	Artesia-MW38-04 25	300.0		T	0 mL		0.0125 mL		0.05 mL	
860-99120-F-3	Artesia-MW37-04 25	300.0	Water	T	0 mL					
860-99120-F-4	Artesia-MW12-04 25	300.0	Water	T	0 mL					
860-99120-F-6	Artesia-MW36-04 25	300.0	Water	T	0 mL					
CCV 860-231600/94		300.0			0 mL	1 mL		1 mL		
CCB 860-231600/95		300.0			0 mL					
860-99120-F-7	Artesia-MW11-04 25	300.0	Water	T	0 mL					
CCV 860-231600/98		300.0			0 mL	1 mL		1 mL		
CCB 860-231600/99		300.0			0 mL					

Batch Notes	
Filter ID	0.2UM 00353263-2 PART# F2500-2
Pipette/Syringe/Dispenser ID	WC65WC115WC116 / M211420J
Eluent 1 ID	2259339

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: 860-99120-1

SDG No.:

Project: Dowell - Artesia 2025 Groundwater Monitoring

Client Sample ID	Lab Sample ID
Artesia-MW17C-0425	860-99120-1
Artesia-MW38-0425	860-99120-2
Artesia-MW37-0425	860-99120-3
Artesia-MW12-0425	860-99120-4
Artesia-MW36-0425	860-99120-6
Artesia-MW11-0425	860-99120-7

Comments:

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: Artesia-MW17C-0425 Lab Sample ID: 860-99120-1

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG ID.:

Matrix: Water Date Sampled: 04/22/2025 16:30

Reporting Basis: WET Date Received: 04/24/2025 09:17

Preparation Batch Number: Instrument ID: A345

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon	0.616	1.00	0.500	mg/L	J		1	SM 5310C

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: Artesia-MW38-0425 Lab Sample ID: 860-99120-2

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG ID.:

Matrix: Water Date Sampled: 04/22/2025 15:20

Reporting Basis: WET Date Received: 04/24/2025 09:17

Preparation Batch Number: Instrument ID: A345

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon	5.36	1.00	0.500	mg/L			1	SM 5310C

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: Artesia-MW37-0425 Lab Sample ID: 860-99120-3

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG ID.:

Matrix: Water Date Sampled: 04/22/2025 13:25

Reporting Basis: WET Date Received: 04/24/2025 09:17

Preparation Batch Number: Instrument ID: A345

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon	10.4	1.00	0.500	mg/L			1	SM 5310C

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: Artesia-MW12-0425 Lab Sample ID: 860-99120-4

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG ID.:

Matrix: Water Date Sampled: 04/22/2025 11:10

Reporting Basis: WET Date Received: 04/24/2025 09:17

Preparation Batch Number: Instrument ID: A345

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon	4.65	1.00	0.500	mg/L			1	SM 5310C

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: Artesia-MW36-0425 Lab Sample ID: 860-99120-6

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG ID.:

Matrix: Water Date Sampled: 04/22/2025 12:30

Reporting Basis: WET Date Received: 04/24/2025 09:17

Preparation Batch Number: Instrument ID: A345

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon	6.15	1.00	0.500	mg/L			1	SM 5310C

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: Artesia-MW11-0425 Lab Sample ID: 860-99120-7

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG ID.:

Matrix: Water Date Sampled: 04/22/2025 14:00

Reporting Basis: WET Date Received: 04/24/2025 09:17

Preparation Batch Number: Instrument ID: A345

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon	2.50	1.00	0.500	mg/L			1	SM 5310C

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Analyst: PSC Batch Start Date: 04/29/2025

Reporting Units: mg/L Analytical Batch No.: 232476

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
3	ICV	08:24	Total Organic Carbon	19.65	20.0	98	90-110		WC-TOC-P_00024
4	CCB	08:38	Total Organic Carbon	0.500				U	
15	CCV	11:40	Total Organic Carbon	10.34	10.0	103	90-110		WC-TOC-P_00024
16	CCB	11:55	Total Organic Carbon	0.500				U	
27	CCVL	14:38	Total Organic Carbon	1.278	1.00	128	50-150		WC-TOC-P_00024
28	CCB	14:53	Total Organic Carbon	0.500				U	
37	CCV	17:08	Total Organic Carbon	19.43	20.0	97	90-110		WC-TOC-P_00024

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.: 860-99120-1

SDG No.:

Method	Lab Sample ID	Analyte	Result	Qual	Units	RL	Dil
Batch ID: 232476	Date: 04/29/2025 09:10						
SM 5310C	MB 860-232476/5	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.: 860-99120-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 232476 Date: 04/29/2025 09:25											
						LCS Source: WC-TOC-P_00024					
SM 5310C	LCS 860-232476/6	Total Organic Carbon	5.087		mg/L	5.00	102	90-110	0	15	

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.: 860-99120-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 232476 Date: 04/29/2025 09:40											
						LCSD Source: WC-TOC-P_00024					
SM 5310C	LCSD 860-232476/7	Total Organic Carbon	5.082		mg/L	5.00	102	90-110	0	15	

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.: 860-99120-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 232476 Date: 04/29/2025 09:55											
						LCS Source: WC-TOC-P_00024					
SM 5310C	LLCS 860-232476/8	Total Organic Carbon	1.199		mg/L	1.00	120	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: 860-99120-1

SDG Number:

Matrix: Water Instrument ID: A345

Method: SM 5310C MDL Date: 11/05/2024 13:37

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: 860-99120-1

SDG Number:

Matrix: Water Instrument ID: A345

Method: SM 5310C XMDL Date: 11/05/2024 13:37

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.: 860-99120-1

SDG No.:

Instrument ID: A345 Analysis Method: SM 5310C

Start Date: 04/29/2025 06:53 End Date: 04/30/2025 03:50

Lab Sample Id	D/F	Type	Time	Analytes																								
				TOC																								
ZZZZZZ			06:53																									
ZZZZZZ			07:15																									
ICV 860-232476/3	1		08:24	X																								
CCB 860-232476/4	1		08:38	X																								
MB 860-232476/5	1	T	09:10	X																								
LCS 860-232476/6	1	T	09:25	X																								
LCSD 860-232476/7	1	T	09:40	X																								
LLCS 860-232476/8	1	T	09:55	X																								
ZZZZZZ (Client)			10:10																									
ZZZZZZ (Client)			10:26																									
ZZZZZZ (Client)			10:40																									
ZZZZZZ (Client)			10:55																									
ZZZZZZ (Client)			11:10																									
ZZZZZZ (Client)			11:25																									
CCV 860-232476/15	1		11:40	X																								
CCB 860-232476/16	1		11:55	X																								
860-99120-1	1	T	12:10	X																								
860-99120-2	1	T	12:25	X																								
860-99120-3	1	T	12:40	X																								
860-99120-4	1	T	12:55	X																								
860-99120-6	1	T	13:09	X																								
860-99120-7	1	T	13:24	X																								
ZZZZZZ (Client)			13:39																									
ZZZZZZ (Client)			13:54																									
ZZZZZZ (QC)			14:09																									
ZZZZZZ (QC)			14:24																									
CCVL 860-232476/27	1		14:38	X																								
CCB 860-232476/28	1		14:53	X																								
ZZZZZZ (Client)			15:08																									
ZZZZZZ (QC)			15:23																									
ZZZZZZ (QC)			15:38																									
ZZZZZZ (Client)			15:53																									
ZZZZZZ (Client)			16:08																									
ZZZZZZ (Client)			16:23																									
ZZZZZZ (Client)			16:38																									
ZZZZZZ (Client)			16:53																									
CCV 860-232476/37	1		17:08	X																								
CCB 860-232476/38			17:23																									
ZZZZZZ (QC)			17:38																									
ZZZZZZ (QC)			17:53																									
ZZZZZZ (QC)			18:08																									

FORM XIII-IN

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Instrument ID: A345 Analysis Method: SM 5310C

Start Date: 04/29/2025 06:53 End Date: 04/30/2025 03:50

Lab Sample Id	D/F	Type	Time	Analytes																								
				TOC																								
ZZZZZZ (Client)			18:22																									
ZZZZZZ (Client)			18:37																									
ZZZZZZ (Client)			18:52																									
ZZZZZZ (Client)			19:07																									
ZZZZZZ (Client)			19:22																									
ZZZZZZ (Client)			19:37																									
ZZZZZZ (Client)			19:52																									
CCV 860-232476/49			20:07																									
CCB 860-232476/50			20:22																									
ZZZZZZ (Client)			20:36																									
ZZZZZZ (Client)			20:51																									
ZZZZZZ (Client)			21:06																									
ZZZZZZ (Client)			21:21																									
ZZZZZZ (Client)			21:36																									
ZZZZZZ (QC)			21:51																									
ZZZZZZ (QC)			22:06																									
ZZZZZZ (Client)			22:21																									
ZZZZZZ (QC)			22:36																									
ZZZZZZ (QC)			22:51																									
ZZZZZZ (Client)			23:06																									
ZZZZZZ (Client)			23:21																									
ZZZZZZ (Client)			23:36																									
ZZZZZZ (Client)			23:51																									
CCVL 860-232476/65			00:06																									
CCB 860-232476/66			00:21																									
ZZZZZZ (Client)			00:36																									
ZZZZZZ (Client)			00:51																									
ZZZZZZ (Client)			01:05																									
CCV 860-232476/70			01:20																									
CCB 860-232476/71			01:35																									
ZZZZZZ (QC)			01:50																									
ZZZZZZ (QC)			02:05																									
ZZZZZZ (QC)			02:20																									
ZZZZZZ (Client)			02:35																									
ZZZZZZ (Client)			02:50																									
ZZZZZZ (Client)			03:05																									
ZZZZZZ (Client)			03:20																									
CCV 860-232476/79			03:35																									
CCB 860-232476/80			03:50																									

FORM XIII-IN

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Instrument ID: A345 Analysis Method: SM 5310C

Start Date: 04/29/2025 06:53 End Date: 04/30/2025 03:50

Lab Sample Id	D/F	Type	Time	Analytes																								
				TOC																								

Prep Types:
T = Total/NA

FORM XIII-IN

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Houston Job No.: 860-99120-1

SDG No.:

Batch Number: 232476 Batch Start Date: 04/29/25 06:53 Batch Analyst: Ceesay, PaSana

Batch Method: SM 5310C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	WC-TOC-P 00024			
ICV 860-232476/3		SM 5310C			40 mL	40 mL	0.8 mL			
CCB 860-232476/4		SM 5310C			40 mL	40 mL				
MB 860-232476/5		SM 5310C			40 mL	40 mL				
LCS 860-232476/6		SM 5310C			40 mL	40 mL	0.2 mL			
LCSD 860-232476/7		SM 5310C			40 mL	40 mL	0.2 mL			
LLCS 860-232476/8		SM 5310C			40 mL	40 mL	0.04 mL			
CCV 860-232476/15		SM 5310C			40 mL	40 mL	0.4 mL			
CCB 860-232476/16		SM 5310C			40 mL	40 mL				
860-99120-D-1	Artesia-MW17C-0425	SM 5310C	Water	T	40 mL	40 mL				
860-99120-D-2	Artesia-MW38-0425	SM 5310C	Water	T	40 mL	40 mL				
860-99120-D-3	Artesia-MW37-0425	SM 5310C	Water	T	40 mL	40 mL				
860-99120-D-4	Artesia-MW12-0425	SM 5310C	Water	T	40 mL	40 mL				
860-99120-D-6	Artesia-MW36-0425	SM 5310C	Water	T	40 mL	40 mL				
860-99120-D-7	Artesia-MW11-0425	SM 5310C	Water	T	40 mL	40 mL				
CCVL 860-232476/27		SM 5310C			40 mL	40 mL	0.04 mL			
CCB 860-232476/28		SM 5310C			40 mL	40 mL				
CCV 860-232476/37		SM 5310C			40 mL	40 mL	0.8 mL			

Batch Notes	
Phosphoric Acid ID	2300606
Sodium Persulfate ID	2291859
Pipette/Syringe/Dispenser ID	wc-109 wc-128
Batch Comment	pH strips HC203864

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.: 860-99120-1

SDG No.:

Batch Number: 232476 Batch Start Date: 04/29/25 06:53 Batch Analyst: Ceesay, PaSana

Batch Method: SM 5310C Batch End Date:

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins | Environment Testing

05/05/2025

Client Information	Sampler: Luke Collis	Lab PM: McDaniel, Bethany A	Carrier Tracking No(s): 880-10382628	COC No: 880-39054-12604.1
Client Contact: Aleeca Forsberg	Phone:	E-Mail: Bethany.McDaniel@et.eurofinsus.com	State of Origin: NM	Page: Page 1 of 3
Company: Jacobs Engineering Group, Inc.	PWSID:	Analysis Requested		Job #:
Address: 3721 Rutledge Rd NE Suite B-1	Due Date Requested:			Preservation Codes: N None; AA - PhosphorAc; A HCL
City: Albuquerque	TAT Requested (days): Standard			
State, Zip: NM, 87109	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 148064857			
Email: aleeca.forsberg@jacobs.com	WO #: D3868202.C.CS.TPE.AR.25-05-02			
Project Name: Dowell - Artesia 2025 Groundwater Monito	Project #: 88000977			
Site:	SSOW#:			Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D Sulfate	6510C Total Organic Carbon (TOC)	8260D VOC-Naph,Bz,TOL,1,1-DCE, and 1,1-DCA	8260D - (MOD) 8260 PCE and 1,1-DCE	Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X	N	AA	A	A	X	
Artesia-MW17C-0425	4-22-25	1630	G	Water	N	N	1	2	3		6	
Artesia-MW38-0425	4-22-25	1520	G	Water	N	N	1	2	3		6	
Artesia-MW37-0425	4-22-25	1325	G	Water	N	N	1	2	3		6	
Artesia-MW12-0425	4-23-25	1110	G	Water	N	N	1	2	3		6	
Artesia-MD17-0425	4-23-25	1110	G	Water	N	N			3		3	
Artesia-MW36-0425	4-23-25	1230	G	Water	N	N	1	2	3		6	
Artesia-MW11-0425	4-23-25	1400	G	Water	N	N	1	2	9		12	
Artesia-TB02-0425	4-22-25	1230	G	Water					X		1	
				Water								
				Water								
				Water								

860-99120 Chain of Custody

Temp: 2.3 IR ID:HOU-368
C/F: -0.1
Corrected Temp. 2.2

Temp: 2.6 IR ID:HOU-368
C/F: -0.1
Corrected Temp: 2.5

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: 4-23-25 / 1430	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by: Neuman	Date/Time: 4-24-25 917	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:

Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins | Environment Test

Client Information	Sampler: Jamie Shaffer	Lab PM: McDaniel, Bethany A	Carrier Tracking No(s): 8807 6028 2617	COC No: 860-39054-12804.3
Client Contact: Aleeca Forsberg	Phone:	E-Mail: Bethany.McDaniel@et.eurofinsus.com	State of Origin: NM	Page: Page 3 of 3
Company: Jacobs Engineering Group, Inc.	PWSID:			Job #:
Address: 3721 Rutledge Rd NE Suite B-1	Due Date Requested:	Analysis Requested		Preservation Codes: N None; AA - PhosphorAc; A HCL
City: Albuquerque	TAT Requested (days): Standard			
State, Zip: NM, 87109	Compliance Project: Δ Yes X No			
Phone:	PO #: 148064657			
Email: aleeca.forsberg@jacobs.com	WO #: D3868202.C.CS.TPE.AR.25-05-02			
Project Name: Dowell Artesia 2025 Groundwater Monito	Project #: 86000977			Other:
Site:	SSOW#:			

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 Sulfide	R10C Total Organic Carbon (TOC)	8260D VOC-Hap,Bz, PCE, 1,1-DCE and 1,1-DCA	8260D (MOD) 8260 - PCE and 1,1-DCE								Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X	Z	AA	A	A									
Artesia-MW31-0425	4-22-25	1530	G	Water	N	N			3									3	
Artesia-MW28-0425		1505	G	Water	N	N			3									3	
Artesia-MW29-0425		1445	G	Water	N	N			3									3	
Artesia-MW35-0425		1350	G	Water	N	N				3								3	
Artesia-MD35-0425		1350	G	Water	N	N				3								3	
Artesia-MW39-0425		1325	G	Water	N	N				3								3	
Artesia-MW40-0425		1255	G	Water	N	N				3								3	
Artesia-MW30-0425		1230	G	W	N	N			3									3	
Artesia-Inlet-0425		1415	G	W	N	N			3									3	
Artesia-Mid-0425		1420	G	W	N	N			3									3	
Artesia-Outlet-0425		1425	G	W	N	N			3									3	

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Jamie Shaffer	4-23-25/1400				
Relinquished by:	Date/Time:	Company	Received by: Nieana	4-24-25 917	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: 05/06/2024

Artesia-TB01-0425 04/22/25 1230 G W 2 trip blank for 8260 VOC

Login Sample Receipt Checklist

Client: Jacobs Engineering Group, Inc. Job Number: 860-99120-1

Login Number: 99120 **List Source: Eurofins Houston**
List Number: 1
Creator: Jimenez, Nicanor

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.	N/A	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Operator: Schlumberger Technology Corporation 121 Industrial Blvd Sugar Land, TX 77478	OGRID: 330624
	Action Number: 482355
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
jburdine	Groundwater rebound study and sampling revisions approved as proposed	8/5/2025